

REPUBLIQUE FRANCAISE

SURVEILLANCE DE LA RADIOACTIVITE  
en 1974

## SURVEILLANCE DE LA RADIOACTIVITE en 1974

En 1974, la surveillance de la contamination radioactive du milieu physique et de certains produits alimentaires à l'échelle mondiale s'est poursuivie dans des conditions analogues à celles des années précédentes.

Comme par le passé, les stations de prélèvements sont situées soit dans les pays avec lesquels un accord de coopération a été passé (Bolivie, Chili, Colombie, Equateur, Pérou) soit dans des pays où la France dispose d'une implantation permanente, soit enfin dans les territoires français Outre-Mer.

Les prélèvements ont porté sur les poussières atmosphériques, le lait et un certain nombre d'autres produits alimentaires. Les méthodes de mesure et d'expression des résultats n'ont pas changé.

Les résultats sont présentés en annexe. Ils concernent l'atmosphère (moyennes décadaires), le lait (mesures effectuées en France et localement) et les autres échantillons biologiques.

### 1 - RESULTATS DES MESURES

#### 1.1 - Contamination atmosphérique

X D'une façon très générale, la contamination atmosphérique a été supérieure à celle observée en 1973, mais est restée, sauf en ce qui concerne Papeete, du même ordre de grandeur qu'au cours des années précédentes.

##### 1.1.1. Niveaux observés

X Les valeurs journalières les plus importantes ont été observées au cours du mois de Juillet à Papeete ( $14\ 000\ \text{pCi/m}^3$ ), aux Iles Wallis ( $222\ \text{pCi/m}^3$ ) et à La Paz ( $36\ \text{pCi/m}^3$ ).

Comme le montrent les moyennes décadaires correspondantes

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Les activités intégrées correspondantes sont de :

58 700 pCi.j/1 à Papeete  
 15 600 pCi.j/1 à Arequipa  
 3 000 pCi.j/1 à La Paz  
 2 100 pCi.j/1 à Santiago  
 1 300 pCi.j/1 à Quito

### 1.3 - Contamination des autres échantillons biologiques

La présence de produits de fission d'origine récente a été observée à des niveaux très bas sur des échantillons de produits végétaux prélevés à La Paz, Bogota et Quito.

En Polynésie Française, on a observé des niveaux plus élevés durant le 3ème trimestre.

## 2 - INTERPRETATION SANITAIRE

A partir des mesures effectuées, on a évalué l'ordre de grandeur de l'irradiation à laquelle auraient pu être soumis des individus de la population en prenant en considération les hypothèses les plus pessimistes.

### 2.1 - Irradiation de l'appareil respiratoire

L'irradiation de l'appareil respiratoire n'est significative qu'à Tahiti. Elle est estimée à 16 mrem pour le nourrisson, 11 mrem pour l'enfant de 7 ans et 9 mrem pour l'adulte, soit respectivement 1%, 0,7% et 0,6% des limites recommandées par la CIPR (1).

Partout ailleurs, cette dose est inférieure à 1 mrem.

### 2.2 - Irradiation de la thyroïde

2.2.1 L'irradiation de la thyroïde due à l'ingestion de lait contaminé par l'iode 131 est :

- à Arequipa, de l'ordre de 185 mrem pour le nourrisson, 24 mrem pour l'enfant et 9 mrem pour l'adulte, soit respectivement 12%, 2% et 0,6% des limites recommandées par la CIPR (1);
- à La Paz, de l'ordre de 35 mrem pour le nourrisson, 5 mrem pour l'enfant et 2 mrem pour l'adulte, soit respectivement 2%, 0,3% et 0,1% des limites recommandées par la CIPR (1);
- pour toutes les autres stations d'Amérique du Sud, inférieures aux valeurs ci-dessus.

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A Tahiti, l'irradiation de la thyroïde est de l'ordre de 124 mrem pour le nourrisson, 16 mrem pour l'enfant et 6 mrem pour l'adulte, soit respectivement 8%, 1% et 0,4% des limites recommandées par la CIPR (1) (2).

- X 2.2.2 L'irradiation de la thyroïde due à l'inhalation d'iode  $^{131}$  n'est significative qu'à Tahiti où les doses pouvant être reçues sont de 60 mrem pour le nourrisson, 43 mrem pour l'enfant et 35 mrem pour l'adulte, soit respectivement 4%, 3% et 2% des limites recommandées par la CIPR (1).

### 2.3 - Irradiation de l'appareil digestif

Elle est partout négligeable, y compris en Polynésie où les valeurs observées au cours du 3<sup>e</sup> trimestre conduisent à des doses de l'ordre de quelques millirems.

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- (1) 1 500 mrem par an
- (2) Cette évaluation tient compte du fait que la production locale de lait (13 000 hl par an) ne couvre que 18% de la consommation de lait et de produits laitiers (70 000 hl par an), le reste étant importé. Les doses correspondant au seul lait produit localement seraient, sur la base des consommations habituellement utilisées pour ces calculs, de 695 mrem, 90 mrem et 35 mrem pour, respectivement, le nourrisson, l'enfant et l'adulte. En fait, ces valeurs sont surestimées car le régime polynésien est relativement pauvre en lait et en produits laitiers et la consommation réelle est inférieure aux valeurs utilisées.
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I-I

ANNEXE I

RADIOACTIVITE DE L'ATMOSPHERE

## STATIONS SITUÉES DANS L'HEMISPHERE NORD

- Moyennes par décades en  $\text{pCi/m}^3$  de la radioactivité  $\beta$  totale de l'air  
au jour du prélèvement

| STATIONS<br>DECADES   |       |        |        |                  |                    |        |
|-----------------------|-------|--------|--------|------------------|--------------------|--------|
|                       | Dakar | Douala | Nantes | Mont-<br>pellier | Montlhéry<br>Paris | Verdun |
| 1 - 10 Janvier 1974   | 0,045 | 0,01   | 0,038  | 0,025            | 0,01               | 0,024  |
| 11 - 20               | 0,040 | 0,02   | 0,023  | 0,023            | 0,01               | 0,027  |
| 21 - 31               | 0,044 | 0,02   | 0,048  | 0,034            | 0,01               | 0,052  |
| 1 - 10 Février 1974   | 0,072 | -      | 0,041  | 0,042            | -                  | 0,018  |
| 11 - 20               | 0,060 | -      | 0,051  | 0,030            | -                  | 0,043  |
| 21 - 28               | 0,064 | -      | -      | 0,044            | -                  | 0,027  |
| 1 - 10 Mars 1974      | 0,108 | 0,03   | -      | 0,045            | 0,04               | 0,047  |
| 11 - 20               | 0,134 | 0,01   | 0,095  | 0,085            | 0,06               | 0,058  |
| 21 - 31               | 0,076 | 0,02   | 0,127  | 0,107            | 0,05               | 0,084  |
| 1 - 10 Avril 1974     | 0,130 | 0,02   | 0,170  | 0,113            | 0,10               | 0,173  |
| 11 - 20               | 0,168 | 0,02   | 0,156  | 0,122            | 0,07               | 0,091  |
| 21 - 30               | 0,141 | 0,01   | 0,186  | 0,084            | 0,11               | 0,074  |
| 1 - 10 Mai 1974       | 0,164 | 0,00   | 0,136  | 0,161            | 0,06               | 0,090  |
| 11 - 20               | 0,139 | 0,01   | 0,199  | 0,136            | 0,12               | 0,234  |
| 21 - 31               | 0,224 | 0,02   | 0,181  | 0,120            | 0,09               | 0,157  |
| 1 - 10 Juin 1974      | 0,166 | 0,00   | 0,087  | 0,210            | 0,10               | 0,191  |
| 11 - 20               | 0,105 | 0,00   | 0,161  | 0,148            | 0,10               | 0,120  |
| 21 - 30               | 0,098 | 0,01   | 0,121  | 0,151            | 0,11               | 0,060  |
| 1 - 10 Juillet 1974   | 0,102 | 0,01   | 0,073  | 0,127            | 0,04               | 0,079  |
| 11 - 20               | 0,093 | 0,01   | 0,059  | 0,113            | 0,04               | 0,057  |
| 21 - 31               | 0,087 | -      | 0,065  | 0,071            | 0,05               | 0,055  |
| 1 - 10 Août 1974      | 0,058 | -      | 0,057  | 0,092            | 0,04               | 0,054  |
| 11 - 20               | 0,070 | -      | 0,041  | 0,113            | 0,07               | 0,067  |
| 21 - 31               | 0,054 | -      | 0,044  | 0,088            | 0,03               | 0,045  |
| 1 - 10 Septembre 1974 | 0,040 | -      | 0,030  | 0,031            | 0,02               | 0,024  |
| 11 - 20               | 0,037 | -      | 0,056  | 0,047            | 0,03               | 0,036  |
| 21 - 30               | 0,037 | -      | 0,026  | 0,037            | 0,03               | 0,021  |
| 1 - 10 Octobre 1974   | 0,030 | -      | 0,016  | 0,026            | 0,03               | 0,024  |
| 11 - 20               | 0,042 | -      | 0,015  | 0,019            | 0,02               | 0,014  |
| 21 - 31               | 0,031 | -      | 0,018  | 0,014            | 0,01               | 0,009  |
| 1 - 10 Novembre 1974  | -     | -      | 0,018  | 0,031            | 0,02               | 0,018  |
| 11 - 20               | -     | -      | 0,024  | 0,043            | 0,03               | 0,030  |
| 21 - 30               | -     | -      | 0,018  | 0,034            | 0,02               | 0,033  |
| 1 - 10 Décembre 1974  | -     | -      | 0,039  | 0,031            | 0,03               | 0,021  |
| 11 - 20               | 0,078 | -      | 0,035  | 0,035            | 0,03               | 0,025  |
| 21 - 31               | 0,076 | -      | 0,031  | 0,052            | 0,05               | 0,023  |

## STATIONS SITUEES EN AMERIQUE DU SUD

- Moyennes par décades en  $\text{pCi/m}^3$  de la radioactivité  $\beta$  totale de l'air  
au jour du prélèvement

| STATIONS<br>DECADES |         | Quito  | Lima  | Bogota | La Paz | Santiago | Cayenne |
|---------------------|---------|--------|-------|--------|--------|----------|---------|
| JANVIER             | 1 - 10  | 0,0064 | -     | -      | <0,010 | -        | 0,00    |
|                     | 11 - 20 | 0,0045 | -     | 0,012  | 0,015  | -        | 0,01    |
|                     | 21 - 31 | 0,0080 | -     | 0,020  | -      | -        | 0,01    |
| FEVRIER             | 1 - 10  | 0,0050 | -     | 0,020  | 0,011  | -        | -       |
|                     | 11 - 20 | 0,0049 | -     | 0,039  | 0,010  | -        | -       |
|                     | 21 - 28 | 0,0120 | -     | 0,053  | -      | -        | -       |
| MARS                | 1 - 10  | 0,0041 | -     | 0,024  | -      | -        | 0,03    |
|                     | 11 - 20 | 0,0061 | -     | 0,032  | -      | -        | 0,04    |
|                     | 21 - 31 | 0,0088 | -     | 0,075  | -      | -        | 0,02    |
| AVRIL               | 1 - 10  | 0,0055 | -     | 0,030  | -      | -        | 0,02    |
|                     | 11 - 20 | 0,0031 | -     | 0,016  | -      | -        | 0,02    |
|                     | 21 - 30 | 0,0037 | -     | 0,015  | -      | -        | 0,03    |
| MAI                 | 1 - 10  | 0,0023 | -     | 0,010  | -      | -        | 0,01    |
|                     | 11 - 20 | 0,0048 | -     | 0,014  | -      | -        | 0,04    |
|                     | 21 - 31 | 0,0049 | -     | 0,018  | -      | 0,023    | 0,02    |
| JUIN                | 1 - 10  | 0,0040 | -     | 0,027  | -      | 0,035    | 0,07    |
|                     | 11 - 20 | 0,0026 | 0,030 | 0,012  | 0,016  | 0,009    | 0,03    |
|                     | 21 - 30 | 0,0036 | 0,062 | 0,010  | 0,029  | 0,065    | 0,02    |
| JUILLET             | 1 - 10  | 0,0048 | 0,014 | 0,018  | 0,011  | 0,017    | 0,01    |
|                     | 11 - 20 | 0,5624 | 0,630 | 0,085  | 14,041 | 1,539    | 0,03    |
|                     | 21 - 31 | 1,6902 | 2,849 | 0,231  | 2,368  | 2,871    | 1,02    |
| AOÛT                | 1 - 10  | 0,1954 | 3,262 | 0,170  | 7,152  | 1,526    | 1,88    |
|                     | 11 - 20 | 0,2182 | 3,360 | 0,318  | 0,764  | 2,868    | 0,66    |
|                     | 21 - 31 | 0,2749 | 1,445 | 0,431  | 1,582  | 0,914    | 0,35    |
| SEPTEMBRE           | 1 - 10  | 0,2085 | 2,205 | 0,146  | 0,750  | 0,524    | 0,39    |
|                     | 11 - 20 | 0,3964 | 1,085 | 0,131  | 0,146  | 0,550    | 1,65    |
|                     | 21 - 30 | 0,3540 | 1,074 | 0,145  | 5,944  | 0,370    | 0,44    |
| OCTOBRE             | 1 - 10  | 0,1452 | -     | 0,070  | 0,933  | 0,240    | 0,19    |
|                     | 11 - 20 | 0,0706 | -     | 0,200  | 0,183  | -        | 0,23    |
|                     | 21 - 31 | 0,0433 | -     | 0,098  | 0,233  | -        | 0,11    |
| NOVEMBRE            | 1 - 10  | 0,0268 | -     | 0,050  | 0,038  | -        | 0,08    |
|                     | 11 - 20 | 0,0184 | -     | 0,019  | -      | -        | 0,02    |
|                     | 21 - 30 | 0,0072 | -     | 0,018  | -      | -        | 0,02    |
| DECEMBRE            | 1 - 10  | 0,0055 | -     | 0,039  | 0,097  | -        | 0,04    |
|                     | 11 - 20 | 0,0071 | -     | 0,037  | 0,045  | -        | 0,02    |
|                     | 21 - 31 | 0,0067 | -     | -      | 0,031  | -        | 0,04    |

## AUTRES STATIONS DE L'HEMISPHERE SUD

- Moyennes par décades en  $\text{pCi/m}^3$  de la radioactivité  $\beta$  totale de l'air  
au jour du prélèvement

| STATIONS<br>DECADES   | Diégo-<br>Suarez | La Réunion | Nouméa | Papeete | Wallis |
|-----------------------|------------------|------------|--------|---------|--------|
| 1 - 10 Janvier 1974   | 0,01             | 0,002      | 0,00   | 0,00    | 0,00   |
| 11 - 20               | 0,00             | 0,020      | 0,00   | 0,00    | 0,00   |
| 21 - 31               | 0,00             | 0,006      | 0,00   | 0,00    | 0,00   |
| 1 - 10 Février 1974   | -                | 0,002      | -      | -       | -      |
| 11 - 20               | -                | 0,003      | -      | -       | -      |
| 21 - 28               | -                | 0,023      | -      | -       | -      |
| 1 - 10 Mars 1974      | 0,01             | 0,005      | 0,00   | 0,00    | 0,00   |
| 11 - 20               | 0,01             | 0,077      | 0,00   | 0,00    | 0,00   |
| 21 - 31               | 0,00             | 0,004      | 0,00   | 0,00    | 0,00   |
| 1 - 10 Avril 1974     | 0,00             | 0,004      | 0,00   | 0,00    | 0,00   |
| 11 - 20               | 0,00             | 0,092      | 0,00   | 0,00    | 0,00   |
| 21 - 30               | 0,00             | 0,002      | 0,00   | 0,00    | 0,00   |
| 1 - 10 Mai 1974       | 0,00             | 0,001      | 0,00   | 0,00    | 0,00   |
| 11 - 20               | 0,07             | 0,003      | 0,00   | 0,01    | 0,00   |
| 21 - 31               | 0,01             | 0,002      | 0,00   | 0,00    | 0,01   |
| 1 - 10 Juin 1974      | 0,00             | 0,002      | 0,00   | 0,00    | 0,00   |
| 11 - 20               | 0,00             | 0,004      | 0,00   | 0,98    | 0,01   |
| 21 - 30               | 0,00             | 0,003      | 0,00   | 2,25    | 1,61   |
| 1 - 10 Juillet 1974   | 0,05             | 0,003      | 0,00   | 0,38    | 0,01   |
| 11 - 20               | 0,00             | 0,001      | 0,00   | 1408,85 | 0,21   |
| 21 - 31               | 0,29             | 0,341      | 1,46   | 3,34    | 38,24  |
| 1 - 10 Août 1974      | 0,94             | 0,079      | 0,60   | 0,73    | 0,08   |
| 11 - 20               | 0,81             | 0,333      | 0,69   | 0,57    | 0,04   |
| 21 - 31               | 0,34             | 0,523      | 0,50   | 1,16    | 0,25   |
| 1 - 10 Septembre 1974 | 1,21             | 0,094      | -      | 0,51    | 1,29   |
| 11 - 20               | 0,52             | 0,497      | -      | 0,54    | 0,86   |
| 21 - 30               | 0,52             | 0,327      | -      | 1,22    | 0,89   |
| 1 - 10 Octobre 1974   | 0,44             | 0,615      | 0,47   | 0,59    | 0,98   |
| 11 - 20               | 0,37             | 0,164      | 0,35   | 0,17    | 0,53   |
| 21 - 31               | 0,24             | 0,087      | 0,29   | 0,16    | 0,18   |
| 1 - 10 Novembre 1974  | 0,17             | 0,043      | 0,08   | 0,10    | 0,07   |
| 11 - 20               | 0,09             | 0,024      | 0,12   | 0,07    | 0,01   |
| 21 - 30               | 0,06             | 0,045      | 0,06   | 0,03    | 0,03   |
| 1 - 10 Décembre 1974  | 0,06             | 0,014      | 0,07   | 0,02    | 0,02   |
| 11 - 20               | 0,04             | 0,019      | 0,05   | 0,03    | 0,01   |
| 21 - 31               | 0,04             | 0,011      | 0,04   | 0,03    | 0,03   |

ANNEXE II

RADIOACTIVITE DE LA BIOSPHERE

## BOLIVIE ( La Paz )

Lait

Année 1974

| Date<br>prélèvement | Date de<br>mesure $\gamma$ | $r = \frac{\gamma_{total}}{40 K}$ | $^{131}I$<br>(pCi/litre) | $^{90}Sr$<br>(pCi/litre) | $^{137}Cs$<br>(pCi/litre) |
|---------------------|----------------------------|-----------------------------------|--------------------------|--------------------------|---------------------------|
| 12/06               | 21/06                      | 4                                 | non détecté              |                          |                           |
| 14/06               | 21/06                      | 5                                 | "                        |                          |                           |
| 17/06               | 28/06                      | < 4                               | "                        |                          |                           |
| 19/06               | 28/06                      | < 4                               | "                        |                          |                           |
| 21/06               | 3/07                       | < 4                               | "                        |                          |                           |
| 24/06               | 3/07                       | 5                                 | "                        |                          |                           |
| 26/06               | 3/07                       | 4                                 | "                        |                          |                           |
| 28/06               | 10/07                      | < 4                               | "                        |                          |                           |
| 1/07                | 10/07                      | 4                                 | "                        |                          |                           |
| 3/07                | 11/07                      | 4                                 | "                        |                          |                           |
| 5/07                | 18/07                      | 5                                 | "                        |                          |                           |
| 8/07                | 18/07                      | 4                                 | "                        |                          |                           |
| 10/07               | 18/07                      | 4                                 | "                        |                          |                           |
| 12/07               | 25/07                      | 5                                 | "                        |                          |                           |
| 15/07               | 25/07                      | 5                                 | "                        |                          |                           |
| 17/07               | 25/07                      | 5                                 | "                        |                          |                           |
| 18/07               | 25/07                      | 6                                 | "                        |                          |                           |
| 19/07               | 30/07                      | 5                                 | "                        |                          |                           |
| 20/07               | 30/07                      | 5                                 | "                        |                          |                           |
| 22/07               | 30/07                      | 7                                 | "                        |                          |                           |
| 23/07               | 31/07                      | 7                                 | 100                      |                          |                           |
| 24/07               | 31/07                      | 6                                 | 170                      |                          |                           |
| 25/07               | 31/07                      | 8                                 | 100                      |                          |                           |
| 26/07               | 31/07                      | 8                                 | 135                      |                          |                           |
| 27/07               | 7/08                       | 6                                 | 184                      |                          |                           |
| 28/07               | 7/08                       | 6                                 | 189                      |                          |                           |
| 30/07               | 7/08                       | 6                                 | 90                       |                          |                           |
| 31/07               | 7/08                       | 7                                 | 126                      |                          |                           |
|                     |                            | 6                                 | non détecté              |                          |                           |

Année 1974

Lait (suite)

| Date<br>prélèvement | Date de<br>mesure $\gamma$ | $r = \frac{\gamma_{total}}{40K}$ | $^{131}I$<br>(pCi/litre) | $^{90}Sr$<br>(pCi/litre) | $^{137}Cs$<br>(pCi/litre) |
|---------------------|----------------------------|----------------------------------|--------------------------|--------------------------|---------------------------|
| 1/08                | 7/08                       | 7                                | 80                       |                          |                           |
| 2/08                | 19/08                      | 4                                | non détecté              |                          |                           |
| 8/08                | 20/08                      | 4                                | "                        |                          |                           |
| 10/08               | 21/08                      | 5                                | 122                      |                          |                           |
| 12/08               | 21/08                      | 5                                | 109                      |                          |                           |
| 14/08               | 21/08                      | 5                                | 117                      |                          |                           |
| 16/08               | 28/08                      | 7                                | 120                      |                          |                           |
| 19/08               | 28/08                      | 5                                | 148                      |                          |                           |
| 21/08               | 30/08                      | 6                                | 65                       |                          |                           |
| 23/08               | 4/09                       | 6                                | non détecté              |                          |                           |
| 26/08               | 4/09                       | 5                                | "                        |                          |                           |
| 28/08               | 4/09                       | 6                                | 54                       |                          |                           |
| 30/08               | 11/09                      | 10                               | non détecté              |                          |                           |
| 2/09                | 11/09                      | 4                                | "                        |                          |                           |
| 4/09                | 11/09                      | 6                                | "                        |                          |                           |
| 6/09                | 19/09                      | 5                                | "                        |                          |                           |
| 9/09                | 18/09                      | 4                                | "                        |                          |                           |
| 11/09               | 18/9                       | <4                               | "                        |                          |                           |
| 28/09               | 11/10                      | 5                                | "                        |                          |                           |
| 30/09               | 11/10                      | 5                                | "                        |                          |                           |
| 3/10                | 23/10                      | 5                                | non détecté              |                          |                           |
| 4/10                | 23/10                      | 5                                | "                        |                          |                           |
| 7/10                | 23/10                      | 5                                | "                        |                          |                           |
| 12/10               | 23/10                      | 4                                | "                        |                          |                           |

## BOLIVIE (LA PAZ)

131 I : pCi/litre - mesures effectuées localement

Lait 1974

| date de<br>prélèvement | Janvier | Février | Mars | Avril | Mai | Juin | Juillet | Août   | Septembre | Octobre | Novembre | Décembre |
|------------------------|---------|---------|------|-------|-----|------|---------|--------|-----------|---------|----------|----------|
| 1                      |         |         |      |       |     |      | < LD    | 24,4   |           | < LD    |          |          |
| 2                      |         |         |      |       |     |      |         | 76,2   | < LD      | < LD    |          |          |
| 3                      |         |         |      |       |     |      | < LD    | 26,1   |           | 39,8    |          |          |
| 4                      |         |         |      |       |     |      |         |        | < LD      | 59,4    |          |          |
| 5                      |         |         |      |       |     |      | < LD    |        |           | 55,8    | 26,8     |          |
| 6                      |         |         |      |       |     |      |         |        | < LD      |         | 23       |          |
| 7                      |         |         |      |       |     |      |         |        |           | 120,8   |          |          |
| 8                      |         |         |      |       |     |      | < LD    | 23,8   |           |         |          |          |
| 9                      |         |         |      |       |     |      |         | 100    | < LD      | 36,7    |          |          |
| 10                     | 8,2     |         |      |       |     |      | < LD    | 102    |           |         |          |          |
| 11                     |         |         |      |       |     |      | < LD    | 75     | < LD      |         |          |          |
| 12                     |         |         |      |       |     |      |         | 52     |           |         |          |          |
| 13                     |         |         |      |       |     |      |         | 74     |           |         |          |          |
| 14                     |         |         |      |       |     |      | < LD    |        |           | 25,3    |          |          |
| 15                     |         |         |      |       |     |      |         | 60     |           |         |          |          |
| 16                     |         |         |      |       |     | < LD | traces  |        |           |         |          |          |
| 17                     |         |         |      |       |     |      |         |        |           |         |          |          |
| 18                     |         |         |      |       |     |      |         |        |           |         |          |          |
| 19                     |         |         |      |       |     | < LD |         | 108    |           |         |          |          |
| 20                     |         |         |      |       |     |      |         |        |           |         |          |          |
| 21                     |         |         |      |       |     | < LD |         | 62     |           | 36,7    |          |          |
| 22                     |         |         |      |       |     |      |         |        |           |         |          |          |
| 23                     |         |         |      |       |     | < LD |         | 47     |           | 15,1    |          |          |
| 24                     |         |         |      |       |     |      | 97,9    |        |           |         |          |          |
| 25                     |         |         |      |       |     |      | 162,0   |        |           |         |          |          |
| 26                     |         |         |      |       |     | < LD | 86,4    | traces |           |         |          |          |
| 27                     |         |         |      |       |     |      | 86,8    |        | 24        |         |          |          |
| 28                     |         |         |      |       |     | < LD |         | < LD   | 37        | 7,3     |          |          |
| 29                     |         |         |      |       |     |      | 51,8    |        |           |         |          |          |
| 30                     |         |         |      |       |     |      | 41,5    | < LD   | < LD      | 26,8    |          |          |
| 31                     |         |         |      |       |     |      | traces  |        |           |         |          |          |

## BOLIVIE ( La Paz )

Année 1974

## Autres échantillons biologiques

| NATURE | Date du prélèvement | Date de mesure | rapport $\gamma$ tot. / $^{40}\text{K}$ | $^{137}\text{Cs}$<br>pCi/kg | $^{144}\text{Ce} + \text{Pr}$<br>pCi/kg | $^{141}\text{Ce}$<br>pCi/kg | $^{106}\text{Ru} + \text{Rh}$<br>pCi/kg | $^{103}\text{Ru} + \text{Rh}$<br>pCi/kg | $^{95}\text{Zr}$<br>pCi/kg | $^{95}\text{Nb}$<br>pCi/kg | $^{140}\text{La}$<br>pCi/kg | $^{140}\text{Ba}$<br>pCi/kg | $^{54}\text{Mn}$<br>pCi/kg | $\beta$ total<br>pCi/kg | $^{40}\text{K}$<br>pCi/kg | $^{90}\text{Sr}$ éq.<br>pCi/kg |
|--------|---------------------|----------------|-----------------------------------------|-----------------------------|-----------------------------------------|-----------------------------|-----------------------------------------|-----------------------------------------|----------------------------|----------------------------|-----------------------------|-----------------------------|----------------------------|-------------------------|---------------------------|--------------------------------|
| Salade | 5/06                | 24/06          | <4                                      | <LD                         | <LD                                     | <LD                         | <LD                                     | <LD                                     | <LD                        | <LD                        | <LD                         | <LD                         | <LD                        | 3900                    | 3500                      |                                |
| Salade | 12/06               | 1/07           | <4                                      | "                           | "                                       | "                           | "                                       | "                                       | "                          | "                          | "                           | "                           | "                          | 1500                    | 2600                      |                                |
| Salade | 19/06               | 1/07           | <4                                      | "                           | "                                       | "                           | "                                       | "                                       | "                          | "                          | "                           | "                           | "                          | 5200                    | 3400                      |                                |
| Salade | 26/06               | 5/07           | <4                                      | "                           | "                                       | "                           | "                                       | "                                       | "                          | "                          | "                           | "                           | "                          | 2900                    | 3200                      |                                |
| Salade | 3/07                | 11/07          | <4                                      | "                           | "                                       | "                           | "                                       | "                                       | "                          | "                          | "                           | "                           | "                          | 2400                    | 2800                      |                                |
| Salade | 10/07               | 25/07          | <4                                      | 80                          | "                                       | "                           | "                                       | "                                       | "                          | "                          | "                           | "                           | "                          | 2600                    | 2400                      |                                |
| Salade | 18/07               | 30/07          | <4                                      | <LD                         | "                                       | "                           | "                                       | "                                       | "                          | "                          | "                           | "                           | "                          | 1700                    | 1800                      |                                |
| Salade | 25/07               | 8/08           | 5                                       | "                           | "                                       | "                           | 240                                     | "                                       | 30                         | "                          | "                           | "                           | "                          | 1900                    | 1800                      |                                |
| Salade | 15/08               | 28/08          | 11                                      | "                           | 1490                                    | "                           | 1720                                    | "                                       | 330                        | "                          | "                           | "                           | "                          | 3700                    | 3400                      |                                |
| Salade | 27/08               | 10/09          | 13                                      | "                           | 2277                                    | "                           | 2130                                    | "                                       | 309                        | "                          | "                           | "                           | "                          | 3500                    | 3500                      |                                |
| Salade | 11/09               | 23/09          | 9                                       | "                           | 520                                     | "                           | 1060                                    | "                                       | 274                        | "                          | "                           | "                           | "                          | 3900                    | 3100                      |                                |
| Salade | 19/09               | 7/10           | 8                                       | "                           | 615                                     | "                           | 758                                     | "                                       | 188                        | "                          | "                           | "                           | "                          | 2600                    | 2600                      |                                |

## CAMEROUN (DOUALA)

Année : 1974

Autres échantillons biologiques

| NATURE   | Date du prélèvement | Date de mesure $\gamma$ | Rapport $\gamma$ tot. / $^{40}\text{K}$ | $^{137}\text{Cs}$ pCi/kg | $^{144}\text{Ce} + \text{Pr}$ pCi/kg | $^{141}\text{Ce}$ pCi/kg | $^{106}\text{Ru} + \text{Rh}$ pCi/kg | $^{103}\text{Ru} + \text{Rh}$ pCi/kg | $^{95}\text{Zr}$ pCi/kg | $^{95}\text{Nb}$ pCi/kg | $^{140}\text{La}$ pCi/kg | $^{140}\text{Ba}$ pCi/kg | $^{54}\text{Mn}$ pCi/kg | $\beta$ total pCi/kg | $^{40}\text{K}$ pCi/kg | $^{90}\text{Sr} \text{ eq. } ^{137}\text{Cs}$ pCi/kg |
|----------|---------------------|-------------------------|-----------------------------------------|--------------------------|--------------------------------------|--------------------------|--------------------------------------|--------------------------------------|-------------------------|-------------------------|--------------------------|--------------------------|-------------------------|----------------------|------------------------|------------------------------------------------------|
| Epinardi | 11/03               | 27/03                   | 6                                       | < LD                     | < LD                                 | < LD                     | < LD                                 | < LD                                 | < LD                    | < LD                    | < LD                     | < LD                     | < LD                    | 1900                 | 1600                   |                                                      |
| Yacoub   | 19/06               | 8/07                    | < 4                                     | "                        | "                                    | "                        | "                                    | "                                    | "                       | "                       | "                        | "                        | "                       | 5000                 | 5100                   |                                                      |
| Banane   | 19/06               | 8/07                    | < 4                                     | "                        | "                                    | "                        | "                                    | "                                    | "                       | "                       | "                        | "                        | "                       | 4300                 | 3000                   |                                                      |
| Epiniard | 19/06               | 8/07                    | < 4                                     | "                        | "                                    | "                        | "                                    | "                                    | "                       | "                       | "                        | "                        | "                       | 800                  | 500                    |                                                      |

## CHILI ( Santiago )

Année 1974

Lait

| Date<br>prélèvement | Date de<br>mesure $\gamma$ | $r = \frac{\gamma_{total}}{40K}$ | $^{131}I$<br>(pCi/litre) | $^{90}Sr$<br>(pCi/litre) | $^{137}Cs$<br>(pCi/litre) |
|---------------------|----------------------------|----------------------------------|--------------------------|--------------------------|---------------------------|
| 14/06               | 28/06                      | 4                                | non détecté              | $\leq 1$                 | $\leq LD$                 |
| 27/06               | 5/07                       | 5                                | "                        | $\leq 1$                 | $\leq LD$                 |
| 27/06               | 5/07                       | 4                                | "                        | $\leq 1$                 | $\leq LD$                 |
| 3/07                | 12/07                      | 5                                | "                        | $\leq 1$                 | $\leq LD$                 |
| 9/07                | 22/07                      | $< 4$                            | "                        | $\leq 1$                 | $\leq LD$                 |
| 10/07               | 22/07                      | $< 4$                            | "                        | $\leq 1$                 | $\leq LD$                 |
| 18/07               | 29/07                      | 4                                | "                        | $\leq 1$                 | $\leq LD$                 |
| 22/07               | 30/07                      | 5                                | "                        | $\leq 1$                 | $\leq LD$                 |
| 6/08                | 14/08                      | $\leq 4$                         | "                        | $\leq 1$                 | $\leq LD$                 |
| 16/08               | 30/08                      | $\leq 4$                         | "                        | $\leq 1$                 | $\leq LD$                 |
| 28/08               | 6/09                       | 5                                | "                        | $\leq 1$                 | 4,8                       |
| 4/09                | 17/09                      | 5                                | "                        | $\leq 1$                 |                           |
| 24/09               | 4/10                       | 6                                | "                        | $\leq 1$                 |                           |

## CHILI (SANTIAGO)

131 I : pCi/litre - mesures effectuées localement

Lait 1974

| date de<br>prélèvement | Janvier | Février | Mars | Avril | Mai | Juin | Juillet | Août   | Septembre | Octobre | Novembre | Décembre |
|------------------------|---------|---------|------|-------|-----|------|---------|--------|-----------|---------|----------|----------|
| 1                      |         |         |      |       |     |      |         |        |           | 86      |          |          |
| 2                      |         |         |      |       |     |      |         |        |           |         |          |          |
| 3                      |         |         |      |       |     |      |         |        |           |         |          |          |
| 4                      |         |         |      |       |     |      |         |        | < LD      |         |          |          |
| 5                      |         |         |      |       |     |      | < LD    | 10     |           |         |          |          |
| 6                      |         |         |      |       |     |      |         | traces | 24        |         |          |          |
| 7                      |         |         |      |       |     |      |         |        |           |         |          |          |
| 8                      |         |         |      |       |     |      | < LD    |        |           |         |          |          |
| 9                      |         |         |      |       |     |      | < LD    | < LD   |           |         |          |          |
| 10                     |         |         |      |       |     |      |         |        | < LD      |         |          |          |
| 11                     |         |         |      |       |     |      |         |        |           |         |          |          |
| 12                     |         |         |      |       |     |      | < LD    |        |           |         |          |          |
| 13                     |         |         |      |       |     |      |         |        | traces    |         |          |          |
| 14                     |         |         |      |       |     | < LD |         | 46     |           |         |          |          |
| 15                     |         |         |      |       |     |      |         |        |           |         |          |          |
| 16                     |         |         |      |       |     |      |         | < LD   |           |         |          |          |
| 17                     |         |         |      |       |     |      |         |        |           |         |          |          |
| 18                     |         |         |      |       |     | < LD |         |        |           |         |          |          |
| 19                     |         |         |      |       |     |      | 17      |        |           |         |          |          |
| 20                     |         |         |      |       |     |      |         |        | 48        |         |          |          |
| 21                     |         |         |      |       |     | < LD |         |        |           |         |          |          |
| 22                     |         |         |      |       |     |      | traces  |        |           |         |          |          |
| 23                     |         |         |      |       |     |      | 25      | < LD   |           |         |          |          |
| 24                     |         |         |      |       |     |      | 23      |        | 47        |         |          |          |
| 25                     |         |         |      |       |     | < LD | 25      |        |           |         |          |          |
| 26                     |         |         |      |       |     |      | 24      |        | 131       |         |          |          |
| 27                     |         |         |      |       |     |      |         | traces |           |         |          |          |
| 28                     |         |         |      |       |     | < LD |         | traces |           |         |          |          |
| 29                     |         |         |      |       |     |      |         | 48     |           |         |          |          |
| 30                     |         |         |      |       |     |      |         | 47     |           |         |          |          |
| 31                     |         |         |      |       |     |      |         |        |           |         |          |          |

LD = 10 pCi/l

## COLOMBIE ( Bogota )

laits

Année 1974

| Date<br>prélèvement | Date de<br>mesure $\gamma$ | $r = \frac{\gamma_{total}}{40K}$ | $^{131}I$<br>(pCi/litre) | $^{90}Sr$<br>(pCi/litre) | $^{137}Cs$<br>(pCi/litre) |
|---------------------|----------------------------|----------------------------------|--------------------------|--------------------------|---------------------------|
| 30/01               | 6/02                       | 4                                | non détecté              |                          |                           |
| 6/02                | 13/02                      | < 4                              | "                        | < 1                      | < LD                      |
| 13/02               | 28/02                      | < 4                              | "                        |                          |                           |
| 20/02               | 28/02                      | 4                                | "                        |                          |                           |
| 26/02               | 7/03                       | 4                                | "                        |                          |                           |
| 6/03                | 13/03                      | < 4                              | "                        |                          |                           |
| 13/03               | 20/03                      | 4                                | "                        |                          |                           |
| 20/03               | 27/03                      | < 4                              | "                        | < 1                      | < LD                      |
| 27/03               | 3/04                       | 4                                | "                        |                          |                           |
| 3/04                | 10/04                      | 6                                | "                        |                          |                           |
| 9/04                | 22/04                      | 5                                | "                        |                          |                           |
| 17/04               | 24/04                      | 4                                | "                        |                          |                           |
| 24/04               | 6/05                       | < 4                              | "                        |                          |                           |
| 8/05                | 15/05                      | 4                                | "                        |                          |                           |
| 15/05               | 24/05                      | 4                                | "                        |                          |                           |
| 22/05               | 29/05                      | 4                                | "                        |                          |                           |
| 29/05               | 7/06                       | 4                                | "                        |                          |                           |
| 5/06                | 12/06                      | 4                                | "                        |                          |                           |
| 12/06               | 19/06                      | 4                                | "                        |                          |                           |
| 19/06               | 26/06                      | 4                                | "                        |                          |                           |
| 24/06               | 3/07                       | 5                                | "                        |                          |                           |
| 26/06               | 3/07                       | 4                                | "                        |                          |                           |
| 28/06               | 10/07                      | 4                                | "                        |                          |                           |
| 1/07                | 10/07                      | 4                                | "                        |                          |                           |
| 3/07                | 10/07                      | 4                                | "                        |                          |                           |
| 5/07                | 17/07                      | < 4                              | "                        |                          |                           |
| 8/07                | 17/07                      | 5                                | "                        |                          |                           |
| 10/07               | 24/07                      | 6                                | "                        |                          |                           |
| 12/07               | 24/07                      | 4                                | "                        |                          |                           |
| 15/07               | 1/08                       | 5                                | "                        |                          |                           |

COLOMBIE (Bogota)

laits (suite 1)

Année 1974

| Date<br>prélèvement | Date de<br>mesure $\gamma$ | $r = \frac{\gamma_{total}}{\gamma_{40K}}$ | $^{131}I$<br>(pCi/litre) | $^{90}Sr$<br>(pCi/litre) | $^{137}Cs$<br>(pCi/litre) |
|---------------------|----------------------------|-------------------------------------------|--------------------------|--------------------------|---------------------------|
| 17/07               | 1/08                       | 4                                         | non détecté              | < 1                      | < LD                      |
| 17/07               | 1/08                       | 5                                         | "                        |                          |                           |
| 22/07               | 1/08                       | 4                                         | "                        |                          |                           |
| 23/07               | 1/08                       | 5                                         | "                        |                          |                           |
| 26/07               | 7/08                       | 6                                         | "                        |                          |                           |
| 29/07               | 7/08                       | 5                                         | "                        |                          |                           |
| 31/07               | 7/08                       | 5                                         | "                        |                          |                           |
| 2/08                |                            | *                                         |                          |                          |                           |
| 5/08                | 14/08                      | 5                                         | "                        |                          |                           |
| 12/08               | 20/08                      | 4                                         | "                        |                          |                           |
| 15/08               | 20/08                      | 5                                         | "                        |                          |                           |
| 16/08               | 28/08                      | < 4                                       | "                        |                          |                           |
| 19/08               | 28/08                      | < 4                                       | "                        |                          |                           |
| 21/08               | 28/08                      | 4                                         | "                        |                          | < LD                      |
| 23/08               | 9/09                       | 4                                         | "                        |                          |                           |
| 26/08               | 4/09                       | 4                                         | "                        |                          |                           |
| 28/08               | 9/09                       | 4                                         | "                        |                          |                           |
| 30/08               | 11/09                      | 4                                         | "                        |                          |                           |
| 4/09                | 11/09                      | 5                                         | "                        |                          |                           |
| 6/09                | 18/09                      | 4                                         | "                        |                          |                           |
| 11/09               | 18/09                      | 5                                         | "                        |                          |                           |
| 13/09               | 26/09                      | 4                                         | "                        |                          |                           |
| 16/09               | 26/09                      | 4                                         | "                        |                          |                           |
| 18/09               | 26/09                      | 4                                         | "                        |                          |                           |
| 20/09               | 2/10                       | 5                                         | "                        |                          | < LD                      |
| 23/09               | 2/10                       | 4                                         | "                        |                          |                           |
| 25/09               | 2/10                       | 6                                         | "                        |                          |                           |
| 27/09               | 14/10                      | 8                                         | "                        |                          |                           |
| 30/09               | 14/10                      |                                           | "                        |                          |                           |

\* emballage vide  
à l'arrivée.

Année 1974

| Date<br>prélèvement | Date de<br>mesure $\gamma$ | $r = \frac{\gamma_{\text{total}}}{\gamma_{40K}}$ | $^{131}\text{I}$<br>(pCi/litre) | $^{90}\text{Sr}$<br>(pCi/litre) | $^{137}\text{Cs}$<br>(pCi/litre) |
|---------------------|----------------------------|--------------------------------------------------|---------------------------------|---------------------------------|----------------------------------|
| 2/10                | 14/10                      | 6                                                | non détecté                     |                                 |                                  |
| 9/10                | 23/10                      | 4                                                | "                               |                                 |                                  |
| 16/10               | 23/10                      | 5                                                | "                               |                                 |                                  |
| 23/10               | 30/10                      | 5                                                | "                               |                                 |                                  |
| 30/10               | 6/11                       | 4                                                | "                               |                                 |                                  |
| 6/11                | 15/11                      | 5                                                | "                               |                                 |                                  |
| 13/11               | 20/11                      | 5                                                | "                               |                                 |                                  |
| 20/11               | 27/11                      | 4                                                | "                               |                                 |                                  |
| 27/11               | 4/12                       | 5                                                | "                               |                                 |                                  |
| 4/12                | 13/12                      | 6                                                | "                               |                                 |                                  |
| 11/12               | 18/12                      | 5                                                | "                               |                                 |                                  |

## COLOMBIE (BOGOTA)

131 I : pCl/litre - mesures effectuées localement

Lait 1974

| date de<br>prélèvement | Janvier | Février | Mars | Avril | Mai  | Juin | Juillet | Août | Septembre | Octobre | Novembre | Décembre |
|------------------------|---------|---------|------|-------|------|------|---------|------|-----------|---------|----------|----------|
| 1                      |         |         |      |       |      |      | < LD    |      |           |         |          |          |
| 2                      |         |         |      |       |      |      | < LD    | < LD |           |         |          |          |
| 3                      |         |         |      |       |      |      |         |      |           |         |          |          |
| 4                      |         |         |      |       |      |      |         |      | < LD      |         |          | < LD     |
| 5                      |         |         |      |       |      |      | < LD    | < LD |           |         |          |          |
| 6                      |         | < LD    |      |       |      |      |         |      | < LD      |         | < LD     |          |
| 7                      |         |         |      |       |      |      | < LD    |      |           |         |          |          |
| 8                      |         |         |      |       |      |      |         |      |           |         |          |          |
| 9                      |         |         |      | < LD  |      |      | < LD    |      | < LD      | < LD    |          |          |
| 10                     |         |         |      |       |      |      |         |      |           |         |          |          |
| 11                     |         |         |      |       |      |      | < LD    |      | 28        |         |          | < LD     |
| 12                     |         |         |      |       |      | < LD | < LD    | 14,7 |           |         |          |          |
| 13                     |         |         |      |       |      |      |         | < LD | < LD      |         | < LD     |          |
| 14                     |         |         |      |       |      |      |         |      |           |         |          |          |
| 15                     |         |         |      |       | < LD |      | < LD    |      |           |         |          |          |
| 16                     |         |         |      |       |      |      |         | < LD | < LD      | < LD    |          |          |
| 17                     |         |         |      | < LD  |      |      | < LD    |      |           |         |          |          |
| 18                     |         |         |      |       |      |      |         |      | < LD      |         |          | < LD     |
| 19                     |         |         |      |       |      | < LD | < LD    | < LD |           |         |          |          |
| 20                     |         |         |      |       |      |      |         | < LD | < LD      |         | < LD     |          |
| 21                     |         |         |      |       |      |      | < LD    |      |           |         |          |          |
| 22                     |         |         |      |       | < LD |      |         |      |           |         |          |          |
| 23                     | < LD    |         |      |       |      |      | < LD    | < LD | < LD      | < LD    |          |          |
| 24                     |         |         |      | < LD  |      | < LD | < LD    |      |           |         |          |          |
| 25                     |         |         |      |       |      | < LD | < LD    | < LD | < LD      |         |          |          |
| 26                     |         |         |      |       |      |      |         |      |           |         |          |          |
| 27                     |         |         |      |       |      | < LD | < LD    | < LD | < LD      |         | < LD     |          |
| 28                     |         |         |      |       |      |      |         |      |           |         |          |          |
| 29                     |         |         |      |       | < LD |      | < LD    | < LD |           |         |          |          |
| 30                     | < LD    |         |      |       |      |      |         | < LD | < LD      | < LD    |          |          |
| 31                     |         |         |      |       |      |      | < LD    |      |           |         |          |          |

LD = 15 pCl/l

## COLOMBIE ( Bogota )

## Autres échantillons biologiques

Année 1974 .

| N A T U R E | Date du<br>prélèvement | Date de<br>mesure $\gamma$ | $\gamma$<br>tot. / $^{40}\text{K}$ | $^{137}\text{Cs}$<br>pCi/kg | $^{144}\text{Ce} +$<br>$\text{Pr}$ pCi/kg | $^{141}\text{Ce}$<br>pCi/kg | $^{106}\text{Ru} +$<br>$\text{Rh}$ pCi/kg | $^{103}\text{Ru} +$<br>$\text{Rh}$ pCi/kg | $^{95}\text{Zr}$<br>pCi/kg | $^{95}\text{Nb}$<br>pCi/kg | $^{140}\text{La}$<br>pCi/kg | $^{140}\text{Ba}$<br>pCi/kg | $^{54}\text{Mn}$<br>pCi/kg | $\beta$ total<br>pCi/kg | $^{40}\text{K}$<br>pCi/kg | $^{90}\text{Sr}$ éq.<br>pCi/kg |
|-------------|------------------------|----------------------------|------------------------------------|-----------------------------|-------------------------------------------|-----------------------------|-------------------------------------------|-------------------------------------------|----------------------------|----------------------------|-----------------------------|-----------------------------|----------------------------|-------------------------|---------------------------|--------------------------------|
| poisson     | 25/02                  | 28/03                      | <4                                 | <LD                         | <LD                                       | <LD                         | <LD                                       | <LD                                       | <LD                        | <LD                        | <LD                         | <LD                         | <LD                        | 3500                    | 3200                      |                                |
| chou        | 25/02                  | 28/03                      | <4                                 | "                           | "                                         | "                           | "                                         | "                                         | "                          | "                          | "                           | "                           | "                          | 2900                    | 2700                      |                                |
| poisson     | 29/03                  | 29/04                      | <4                                 | "                           | "                                         | "                           | "                                         | "                                         | "                          | "                          | "                           | "                           | "                          | 1600                    | 1600                      |                                |
| chou        | 29/03                  | 29/04                      | <4                                 | "                           | "                                         | "                           | "                                         | "                                         | "                          | "                          | "                           | "                           | "                          | 3600                    | 3200                      |                                |
| laitue      | 29/03                  | 29/04                      | <4                                 | "                           | "                                         | "                           | "                                         | "                                         | "                          | "                          | "                           | "                           | "                          | 3300                    | 3100                      |                                |
| poisson     | 2/05                   | 10/06                      | <4                                 | "                           | "                                         | "                           | "                                         | "                                         | "                          | "                          | "                           | "                           | "                          | 2700                    | 3000                      |                                |
| laitue      | 31/05                  | 18/06                      | 5                                  | 132                         | "                                         | "                           | "                                         | "                                         | "                          | "                          | "                           | "                           | "                          | 1800                    | 1800                      |                                |
| chou        | 31/05                  | 18/06                      | <4                                 | <LD                         | "                                         | "                           | "                                         | "                                         | "                          | "                          | "                           | "                           | "                          | 3900                    | 3200                      |                                |
| laitue      | 19/06                  | 5/07                       | <4                                 | "                           | "                                         | "                           | "                                         | "                                         | "                          | "                          | "                           | "                           | "                          | 1300                    | 1550                      |                                |
| laitue      | 24/06                  | 10/07                      | <4                                 | "                           | "                                         | "                           | "                                         | "                                         | "                          | "                          | "                           | "                           | "                          | 1000                    | 1200                      |                                |
| poisson     | 6/06                   | 10/07                      | <4                                 | "                           | "                                         | "                           | "                                         | "                                         | "                          | "                          | "                           | "                           | "                          | 4500                    | 4400                      |                                |
| laitue      | 2/07                   | 12/07                      | <4                                 | "                           | "                                         | "                           | "                                         | "                                         | "                          | "                          | "                           | "                           | "                          | 1400                    | 1600                      |                                |
| laitue      | 9/07                   | 25/07                      | <4                                 | "                           | "                                         | "                           | "                                         | "                                         | "                          | "                          | "                           | "                           | "                          | 1000                    | 1300                      |                                |
| laitue      | 16/07                  | 2/08                       | <4                                 | "                           | "                                         | "                           | "                                         | "                                         | "                          | "                          | "                           | "                           | "                          | 1600                    | 1800                      |                                |
| laitue      | 23/07                  | 2/08                       | <4                                 | "                           | "                                         | "                           | "                                         | "                                         | "                          | "                          | "                           | "                           | "                          | 1100                    | 1200                      |                                |
| salade      | 31/07                  | 8/08                       | <4                                 | "                           | "                                         | "                           | "                                         | "                                         | "                          | "                          | "                           | "                           | "                          | 1100                    | 1100                      |                                |
| laitue      | 6/08                   | 22/08                      | <4                                 | "                           | "                                         | "                           | "                                         | "                                         | "                          | "                          | "                           | "                           | "                          | 1550                    | 1700                      |                                |
| laitue      | 12/08                  | 22/08                      | <4                                 | "                           | "                                         | "                           | "                                         | "                                         | "                          | "                          | "                           | "                           | "                          | 1800                    | 1950                      |                                |
| laitue      | 20/08                  | 29/08                      | <4                                 | "                           | "                                         | "                           | "                                         | "                                         | "                          | "                          | "                           | "                           | "                          | 1600                    | 2000                      |                                |
| poisson     | 20/08                  | 29/08                      | <4                                 | "                           | "                                         | "                           | "                                         | "                                         | "                          | "                          | "                           | "                           | "                          | 3000                    | 3600                      |                                |
| laitue      | 28/08                  | 16/09                      | <4                                 | "                           | "                                         | "                           | "                                         | "                                         | "                          | "                          | "                           | "                           | "                          | 1100                    | 1400                      |                                |
| laitue      | 3/09                   | 23/09                      | <4                                 | "                           | "                                         | "                           | "                                         | "                                         | "                          | "                          | "                           | "                           | "                          | 1800                    | 1600                      |                                |
| laitue      | 9/09                   | 23/09                      | <4                                 | "                           | "                                         | "                           | "                                         | "                                         | "                          | "                          | "                           | "                           | "                          | 1500                    | 1600                      |                                |
| laitue      | 17/09                  | 27/09                      | <4                                 | "                           | "                                         | "                           | "                                         | "                                         | "                          | "                          | "                           | "                           | "                          | 1100                    | 1500                      |                                |
| laitue      | 24/09                  | 8/10                       | <4                                 | "                           | "                                         | "                           | "                                         | "                                         | "                          | "                          | "                           | "                           | "                          | 1100                    | 1400                      |                                |
| poisson     | 26/09                  | 9/10                       | <4                                 | "                           | "                                         | "                           | "                                         | "                                         | "                          | "                          | "                           | "                           | "                          | 1100                    | 1300                      |                                |
| laitue      | 1/10                   | 9/10                       | <4                                 | "                           | "                                         | "                           | "                                         | "                                         | "                          | "                          | "                           | "                           | "                          | 1000                    | 1100                      |                                |
| laitue      | 15/10                  | 30/10                      | <4                                 | "                           | "                                         | "                           | "                                         | "                                         | "                          | "                          | "                           | "                           | "                          | 1200                    | 1500                      |                                |
| salade      | 25/10                  | 12/11                      | <4                                 | "                           | "                                         | "                           | "                                         | "                                         | "                          | "                          | "                           | "                           | "                          | 1200                    | 1300                      |                                |

## COLOMBIE (Bogota)

Année 1974

Autres échantillons biologiques

| N A T U R E | Date du<br>prélèvement | Date de<br>mesure $\gamma$ | rapport $\gamma$<br>tot. / $^{40}\text{K}$ | $^{137}\text{Cs}$<br>pCi/kg | $^{144}\text{Ce} +$<br>$\text{Pr}$<br>pCi/kg | $^{141}\text{Ce}$<br>pCi/kg | $^{106}\text{Ru} +$<br>$\text{Rh}$<br>pCi/kg | $^{103}\text{Ru} +$<br>$\text{Rh}$<br>pCi/kg | $^{95}\text{Zr}$<br>pCi/kg | $^{95}\text{Nb}$<br>pCi/kg | $^{140}\text{La}$<br>pCi/kg | $^{140}\text{Ba}$<br>pCi/kg | $^{54}\text{Mn}$<br>pCi/tg | $\beta$ total<br>pCi/kg | $^{40}\text{K}$<br>pCi/kg | $^{90}\text{Sr}$ eq.<br>pCi/kg |
|-------------|------------------------|----------------------------|--------------------------------------------|-----------------------------|----------------------------------------------|-----------------------------|----------------------------------------------|----------------------------------------------|----------------------------|----------------------------|-----------------------------|-----------------------------|----------------------------|-------------------------|---------------------------|--------------------------------|
| poisson     | 28/10                  | 12/11                      | < 4                                        | < 10                        | < 10                                         | < 10                        | < 10                                         | < 10                                         | < 10                       | < 10                       | < 10                        | < 10                        | < 10                       | 2600                    | 3300                      |                                |
| poisson     | 19/11                  | 4/12                       | 4                                          | "                           | "                                            | "                           | "                                            | "                                            | "                          | "                          | "                           | "                           | "                          | 600                     | 700                       |                                |
| laitue      | 19/11                  | 4/12                       | < 4                                        | "                           | "                                            | "                           | "                                            | "                                            | "                          | "                          | "                           | "                           | "                          | 1200                    | 1400                      |                                |

## EQUATEUR ( Quito )

lait

Année 1974

| Date<br>prélèvement | Date de<br>mesure $\gamma$ | $r = \frac{\gamma_{total}}{40K}$ | $^{131}I$<br>(pCi/litre) | $^{90}Sr$<br>(pCi/litre) | $^{137}Cs$<br>(pCi/litre) |
|---------------------|----------------------------|----------------------------------|--------------------------|--------------------------|---------------------------|
| 10/06               | 14/06                      | 5                                | non détecté              |                          |                           |
| 12/06               | 24/06                      | 4                                | "                        |                          |                           |
| 14/06               | 24/06                      | 4                                | "                        |                          |                           |
| 17/06               | 24/06                      | 5                                | "                        |                          |                           |
| 19/06               | 28/06                      | 4                                | "                        |                          |                           |
| 21/06               | 28/06                      | 4                                | "                        |                          |                           |
| 24/06               | 28/06                      | 4                                | "                        |                          |                           |
| 26/06               | 10/07                      | < 4                              | "                        |                          |                           |
| 28/06               | 10/07                      | 5                                | "                        |                          |                           |
| 1/07                | 10/07                      | 5                                | "                        |                          |                           |
| 3/07                | 12/07                      | 5                                | "                        |                          |                           |
| 5/07                | 12/07                      | 4                                | "                        |                          |                           |
| 8/07                | 12/07                      | 4                                | "                        |                          |                           |
| 10/07               | 19/07                      | 4                                | "                        |                          |                           |
| 12/07               | 19/07                      | < 4                              | "                        |                          |                           |
| 15/07               | 19/07                      | 5                                | "                        |                          |                           |
| 18/07               | 26/07                      | 5                                | "                        |                          |                           |
| 19/07               | 26/07                      | 5                                | "                        |                          |                           |
| 22/07               | 26/07                      | 6                                | "                        |                          |                           |
| 25/07               | 2/08                       | 6                                | "                        |                          |                           |
| 26/07               | 2/08                       | 10                               | 80                       |                          |                           |
| 29/07               | 2/08                       | 7                                | 70                       |                          |                           |
| 31/07               | 12/08                      | 5                                | 121                      |                          |                           |
| 2/08                | 12/08                      | 5                                | 97                       |                          |                           |
| 5/08                | 12/08                      | 5                                | 79                       |                          |                           |
| 7/08                | 20/08                      | 5                                | non détecté              |                          |                           |
| 12/08               | 20/08                      | 6                                | "                        |                          |                           |
| 14/08               | 23/08                      | 5                                | "                        |                          |                           |
| 16/08               | 23/08                      | 4                                | "                        |                          |                           |

## EQUATEUR (Quito)

Année 1974

Laites (suite)

| Date<br>prélèvement | Date de<br>mesure $\gamma$ | $r = \frac{\gamma_{total}}{40K}$ | $^{131}I$<br>(pCi/litre) | $^{90}Sr$<br>(pCi/litre) | $^{137}Cs$<br>(pCi/litre) |
|---------------------|----------------------------|----------------------------------|--------------------------|--------------------------|---------------------------|
| 20/08               | 23/08                      | 5                                | non détecté              |                          |                           |
| 21/08               | 2/09                       | 4                                | "                        |                          |                           |
| 23/08               | 2/09                       | 4                                | "                        |                          |                           |
| 26/08               | 2/09                       | 4                                | "                        |                          |                           |
| 28/08               | 6/09                       | 4                                | "                        |                          |                           |
| 30/08               | 6/09                       | 5                                | "                        |                          |                           |
| 10/10               | 29/10                      | 5                                | "                        |                          |                           |
|                     |                            |                                  |                          | $\ll 1$                  | $< LD$                    |

## EQUATEUR (QUITO)

131 I : pCl/litre - mesures effectuées localement

Lait 1974

| date de<br>prélèvement | Janvier | Février | Mars | Avril | Mai | Juin | Juillet | Août  | Septembre | Octobre | Novembre | Décembre |
|------------------------|---------|---------|------|-------|-----|------|---------|-------|-----------|---------|----------|----------|
| 1                      |         |         |      |       |     |      | ND      | 71,66 |           |         |          |          |
| 2                      |         |         |      |       |     |      | ND      |       |           |         |          |          |
| 3                      |         |         |      |       |     |      |         |       |           |         |          |          |
| 4                      |         |         |      |       |     | ND   |         |       |           |         |          |          |
| 5                      |         |         |      |       |     |      |         | 29,77 |           |         |          |          |
| 6                      |         |         |      |       |     |      |         |       |           |         |          |          |
| 7                      |         |         |      |       |     |      |         | 40,69 |           |         |          |          |
| 8                      |         |         |      |       |     |      | ND      |       |           |         |          |          |
| 9                      |         |         |      |       |     |      |         |       |           |         |          |          |
| 10                     |         |         |      |       |     |      |         |       |           |         |          |          |
| 11                     |         |         |      |       |     | ND   |         |       |           |         |          |          |
| 12                     |         |         |      |       |     | ND   |         | < LD  |           |         |          |          |
| 13                     |         |         |      |       |     |      |         |       |           |         |          |          |
| 14                     |         |         |      |       |     | ND   |         | < LD  |           |         |          |          |
| 15                     |         |         |      |       |     |      |         |       |           |         |          |          |
| 16                     |         |         |      |       |     |      |         | < LD  |           |         |          |          |
| 17                     |         |         |      |       |     | ND   |         |       |           |         |          |          |
| 18                     |         |         |      |       |     |      |         |       |           |         |          |          |
| 19                     |         |         |      |       |     | ND   |         |       |           |         |          |          |
| 20                     |         |         |      |       |     | ND   |         | < LD  |           |         |          |          |
| 21                     |         |         |      |       |     | ND   |         | 18,4  |           |         |          |          |
| 22                     |         |         |      |       |     |      | 47,3    |       |           |         |          |          |
| 23                     |         |         |      |       |     |      |         |       |           |         |          |          |
| 24                     |         |         |      |       |     |      |         |       |           |         |          |          |
| 25                     |         |         |      |       |     | ND   | 67,5    |       |           |         |          |          |
| 26                     |         |         |      |       |     |      |         |       |           |         |          |          |
| 27                     |         |         |      |       |     |      |         |       |           |         |          |          |
| 28                     |         |         |      |       |     | ND   |         |       |           |         |          |          |
| 29                     |         |         |      |       |     |      | 61,4    |       |           |         |          |          |
| 30                     |         |         |      |       |     |      | 74,0    |       |           |         |          |          |
| 31                     |         |         |      |       |     |      |         |       |           |         |          |          |

LD = 20 pCl/l



Année 1974

| N A T U R L | Date du prélèvement | Date de mesure $\gamma$ | rapport $\gamma$ tot. / $^{40}\text{K}$ | $^{137}\text{Cs}$<br>pCi/gc | $^{144}\text{Ce} + \text{Pr}$<br>pCi/gc | $^{141}\text{Ce}$<br>pCi/gc | $^{106}\text{Ru} + \text{Rh}$<br>pCi/gc | $^{103}\text{Ru} + \text{Rh}$<br>pCi/gc | $^{95}\text{Zr}$<br>pCi/gc | $^{95}\text{Nb}$<br>pCi/gc | $^{140}\text{La}$<br>pCi/gc | $^{140}\text{Ba}$<br>pCi/gc | $^{54}\text{Mn}$<br>pCi/gc | $\beta$ total<br>pCi/gc | $^{40}\text{K}$<br>pCi/gc | $^{90}\text{Sr}$ éq.<br>pCi/gc |
|-------------|---------------------|-------------------------|-----------------------------------------|-----------------------------|-----------------------------------------|-----------------------------|-----------------------------------------|-----------------------------------------|----------------------------|----------------------------|-----------------------------|-----------------------------|----------------------------|-------------------------|---------------------------|--------------------------------|
| salade      | 23/07               | 8/08                    | <4                                      | <LD                         | <LD                                     | <LD                         | <LD                                     | <LD                                     | <LD                        | <LD                        | <LD                         | <LD                         | <LD                        | 190                     | 200                       |                                |
| luzerne     | 23/07               | 8/08                    | 7                                       | "                           | 42                                      | "                           | 59                                      | "                                       | 8                          | "                          | "                           | "                           | "                          | 160                     | 150                       |                                |
| chou        | 30/07               | 13/08                   | <4                                      | "                           | <LD                                     | "                           | <LD                                     | "                                       | <LD                        | "                          | "                           | "                           | "                          | 250                     | 290                       |                                |
| poisson     | 30/07               | 13/08                   | <4                                      | "                           | "                                       | "                           | "                                       | "                                       | "                          | "                          | "                           | "                           | "                          | 135                     | 150                       |                                |
| luzerne     | 30/07               | 13/08                   | 7                                       | "                           | 48                                      | "                           | 59                                      | "                                       | 12                         | "                          | "                           | "                           | "                          | 200                     | 220                       |                                |
| luzerne     | 7/08                | 22/08                   | 7                                       | "                           | 36                                      | "                           | 55                                      | "                                       | 11                         | "                          | "                           | "                           | "                          | 160                     | 190                       |                                |
| salade      | 7/08                | 22/08                   | <4                                      | "                           | <LD                                     | "                           | <LD                                     | "                                       | <LD                        | "                          | "                           | "                           | "                          | 180                     | 220                       |                                |
| salade      | 14/08               | 26/08                   | <4                                      | "                           | "                                       | "                           | "                                       | "                                       | 6                          | "                          | "                           | "                           | "                          | 270                     | 370                       |                                |
| luzerne     | 14/08               | 26/08                   | 6                                       | "                           | 19                                      | "                           | 25                                      | "                                       | 4                          | "                          | "                           | "                           | "                          | 165                     | 180                       |                                |
| salade      | 20/08               | 30/08                   | 5                                       | "                           | 16                                      | "                           | 26                                      | "                                       | 8                          | "                          | "                           | "                           | "                          | 210                     | 210                       |                                |
| luzerne     | 20/08               | 2/09                    | 5                                       | "                           | 10                                      | "                           | 8                                       | "                                       | 8                          | "                          | "                           | "                           | "                          | 160                     | 170                       |                                |
| poisson     | 20/08               | 2/09                    | <4                                      | "                           | <LD                                     | "                           | <LD                                     | "                                       | <LD                        | "                          | "                           | "                           | "                          | 235                     | 270                       |                                |
| salade      | 27/08               | 10/09                   | 4                                       | "                           | 13                                      | "                           | 12                                      | "                                       | 2                          | "                          | "                           | "                           | "                          | 175                     | 190                       |                                |
| luzerne     | 27/08               | 10/09                   | 4                                       | "                           | 6                                       | "                           | 5                                       | "                                       | 1                          | "                          | "                           | "                           | "                          | 160                     | 170                       |                                |
| salade      | 3/09                | 21/10                   | 5                                       | "                           | <LD                                     | "                           | 11                                      | "                                       | 56                         | "                          | "                           | "                           | "                          | 210                     | 210                       |                                |
| luzerne     | 3/09                | 21/10                   | 5                                       | "                           | "                                       | "                           | <LD                                     | "                                       | <LD                        | "                          | "                           | "                           | "                          | 115                     | 120                       |                                |
| salade      | 11/09               | 21/10                   | <4                                      | "                           | "                                       | "                           | "                                       | "                                       | "                          | "                          | "                           | "                           | "                          | 280                     | 290                       |                                |
| poisson     | 11/09               | 21/10                   | 4                                       | "                           | "                                       | "                           | "                                       | "                                       | "                          | "                          | "                           | "                           | "                          | 185                     | 190                       |                                |
| luzerne     | 11/09               | 21/10                   | <4                                      | "                           | "                                       | "                           | "                                       | "                                       | "                          | "                          | "                           | "                           | "                          | 160                     | 160                       |                                |
| salade      | 16/10               | 30/10                   | <4                                      | "                           | "                                       | "                           | "                                       | "                                       | "                          | "                          | "                           | "                           | "                          | 260                     | 290                       |                                |
| luzerne     | 16/10               | 30/10                   | 6                                       | "                           | "                                       | "                           | "                                       | "                                       | "                          | "                          | "                           | "                           | "                          | 120                     | 140                       |                                |

## MADAGASCAR (DIEGO-SUAREZ)

Année 1974

laits

| Date<br>prélèvement | Date de<br>mesure $\gamma$ | $x = \frac{\gamma_{\text{total}}}{40K}$ | $^{131}\text{I}$<br>(pCi/litre) | $^{90}\text{Sr}$<br>(pCi/litre) | $^{137}\text{Cs}$<br>(pCi/litre) |
|---------------------|----------------------------|-----------------------------------------|---------------------------------|---------------------------------|----------------------------------|
| 8/01                | 23/01                      | 6                                       | non détecté                     | ) < 1                           | ) < ID                           |
| 5/02                | 18/02                      | 5                                       | " "                             | ) < 1                           | ) < ID                           |
| 5/03                | 13/03                      | 4                                       | " "                             | ) < 1                           | ) < ID                           |
| 2/04                | 10/04                      | 4                                       |                                 | ) < 1                           | ) < ID                           |
| 6/05                | 17/05                      | < 4                                     |                                 |                                 | < ID                             |

## NOUVELLE CALEDONIE (NOUMEA)

Lait

Année 1974

| Date<br>prélèvement | Date de<br>mesure $\gamma$ | $r = \frac{\gamma_{total}}{40K}$ | $^{131}I$<br>(pCi/litre) | $^{90}Sr$<br>(pCi/litre) | $^{137}Cs$<br>(pCi/litre) |
|---------------------|----------------------------|----------------------------------|--------------------------|--------------------------|---------------------------|
| 4/01                | 14/01                      | < 4                              | non détecté              | < 1                      | < LD                      |
| 31/01               | 8/02                       | 4                                | "                        |                          |                           |
| 1/03                | 8/03                       | < 4                              | "                        | 1,8                      | < LD                      |
| 30/03               | 8/04                       | < 4                              | "                        |                          |                           |
| 2/05                | 15/05                      | < 4                              | "                        | 1,8                      | < LD                      |
| 30/05               | 11/06                      | 5                                | "                        |                          |                           |
| 27/06               | 4/07                       | 4                                | "                        |                          |                           |
| 1/07                | 10/07                      | < 4                              | "                        |                          |                           |
| 5/07                | 17/07                      | 4                                | "                        |                          |                           |
| 9/07                | 19/07                      | 4                                | "                        |                          |                           |
| 12/07               | 22/07                      | 5                                | "                        |                          |                           |
| 16/07               | 26/07                      | 5                                | "                        | 2,6                      | < LD                      |
| 18/07               | 30/07                      | 4                                | "                        |                          |                           |
| 23/07               | 6/08                       | < 4                              | "                        |                          |                           |
| 26/07               | 6/08                       | 4                                | "                        |                          |                           |
| 30/07               | 8/08                       | 5                                | "                        |                          |                           |
| 2/08                | 13/08                      | 5                                | "                        |                          |                           |
| 6/08                | 19/08                      | 6                                | "                        |                          |                           |
| 10/08               | 23/08                      | 5                                | "                        |                          |                           |
| 13/08               | 23/08                      | 4                                | "                        |                          |                           |
| 19/08               | 2/09                       | 6                                | "                        | 1,8                      | 4,4                       |
| 20/08               | 2/09                       | 4                                | "                        |                          |                           |
| 23/08               | 9/09                       | 5                                | "                        |                          |                           |
| 26/08               | 9/09                       | < 4                              | "                        |                          |                           |
| 29/08               | 10/09                      | 5                                | "                        |                          |                           |

## NOUVELLE CALEDONIE (NOUMEA)

Laites (suite)

Année 1974

| Date<br>prélèvement | Date de<br>mesure $\gamma$ | $r = \frac{\gamma_{total}}{40K}$ | $^{131}I$<br>(pCi/litre) | $^{90}Sr$<br>(pCi/litre) | $^{137}Cs$<br>(pCi/litre) |
|---------------------|----------------------------|----------------------------------|--------------------------|--------------------------|---------------------------|
| 3/09                | 16/09                      | 5                                | non détecté              |                          |                           |
| 6/09                | 16/09                      | 5                                | "                        |                          |                           |
| 10/09               | 20/09                      | 4                                | "                        |                          |                           |
| 13/09               | 26/09                      | 5                                | "                        |                          |                           |
| 17/09               | 30/09                      | 4                                | "                        |                          |                           |
| 22/09               | 2/10                       | 4                                | "                        |                          |                           |
| 26/09               | 9/10                       | 6                                | "                        |                          |                           |
| 30/09               | 11/10                      | 6                                | "                        |                          |                           |
| 11/10               | 23/10                      | 5                                | "                        |                          |                           |
| 22/10               | 6/11                       | 5                                | "                        |                          |                           |
|                     |                            |                                  |                          | 2,4                      | 6,8                       |
|                     |                            |                                  |                          | 3,0                      | 13                        |

## NOUVELLE CALEDONIE (NOUMEA)

Année : 1974

Autres échantillons biologiques

| N A T U L L              | Date du prélèvement | Date de mesure $\gamma$ | Rapport $\gamma$ tot. / $\gamma$ K | $^{137}\text{Cs}$<br>pCi/kg | $^{144}\text{Ce} + \text{Pr}$<br>pCi/kg | $^{141}\text{Ce}$<br>pCi/kg | $^{106}\text{Ru} + \text{Rh}$<br>pCi/kg | $^{103}\text{Ru} + \text{Rh}$<br>pCi/kg | $^{95}\text{Zr}$<br>pCi/kg | $^{95}\text{Nb}$<br>pCi/kg | $^{140}\text{La}$<br>pCi/kg | $^{140}\text{Ba}$<br>pCi/kg | $^{54}\text{Mn}$<br>pCi/kg | $\beta$ total<br>pCi/kg | $^{40}\text{K}$<br>pCi/kg | $^{90}\text{Sr}$ éq.<br>pCi/kg |
|--------------------------|---------------------|-------------------------|------------------------------------|-----------------------------|-----------------------------------------|-----------------------------|-----------------------------------------|-----------------------------------------|----------------------------|----------------------------|-----------------------------|-----------------------------|----------------------------|-------------------------|---------------------------|--------------------------------|
| Haricot vert + concombre | 4/02                | 4/03                    | < 4                                | < LD                        | < LD                                    | < LD                        | < LD                                    | < LD                                    | < LD                       | < LD                       | < LD                        | < LD                        | < LD                       | 1700                    | 2000                      |                                |
| Manioc                   | 4/02                | 4/03                    | < 4                                | "                           | "                                       | "                           | "                                       | "                                       | "                          | "                          | "                           | "                           | "                          | 1900                    | 2200                      |                                |
| Manioc                   | 4/02                | 4/03                    | < 4                                | "                           | "                                       | "                           | "                                       | "                                       | "                          | "                          | "                           | "                           | "                          | 2200                    | 2700                      |                                |
| Légumes                  | 1/07                | 23/07                   | < 4                                | "                           | "                                       | "                           | "                                       | "                                       | "                          | "                          | "                           | "                           | "                          | 2600                    | 2900                      |                                |
| Légumes                  | 30/07               | 27/08                   | < 4                                | "                           | "                                       | "                           | "                                       | "                                       | "                          | "                          | "                           | "                           | "                          | 1600                    | 1700                      |                                |
| Manioc                   | 29/08               | 23/09                   | < 4                                | "                           | "                                       | "                           | "                                       | "                                       | "                          | "                          | "                           | "                           | "                          | 1900                    | 1700                      |                                |
| Manioc + Orange          | 29/08               | 23/09                   | < 4                                | "                           | "                                       | "                           | "                                       | "                                       | "                          | "                          | "                           | "                           | "                          | 3200                    | 3600                      |                                |
| Légumes                  | 1/10                | 21/10                   | 4                                  | "                           | "                                       | "                           | 156                                     | "                                       | < LD                       | 382                        | "                           | "                           | "                          | 2250                    | 2500                      |                                |
| Ignane                   | 1/10                | 21/10                   | 5                                  | 231                         | "                                       | "                           | < LD                                    | "                                       | < LD                       | < LD                       | "                           | "                           | "                          | 3600                    | 4400                      |                                |

## PEROU

Année 1974

lait

| Date<br>prélèvement | Date de<br>mesure $\gamma$ | $\gamma$ total<br>$_{40K}$ | $^{131}I$<br>(pCi/litre) | $^{90}Sr$<br>(pCi/litre) | $^{137}Cs$<br>(pCi/litre) |
|---------------------|----------------------------|----------------------------|--------------------------|--------------------------|---------------------------|
| 17/07<br>25/07      | 1/08<br>8/08               | 8<br>6                     | 280<br>197               | $\leq 1$<br>$\leq 1$     | $\leq LD$<br>$\leq LD$    |



PEROU

Autres échantillons biologiques

Année 1974

| N A T U R E | Date du<br>prélèvement | Date de<br>mesure $\gamma$ | rapport $\gamma$<br>$^{40}\text{K}$<br>tot. / " | $^{137}\text{Cs}$<br>pCi/gc | $^{144}\text{Ce} +$<br>$\text{Pr}$<br>pCi/gc | $^{141}\text{Ce}$<br>pCi/gc | $^{106}\text{Ru} +$<br>$\text{Rh}$<br>pCi/gc | $^{103}\text{Ru} +$<br>$\text{Rh}$<br>pCi/gc | $^{95}\text{Zr}$<br>pCi/gc | $^{95}\text{Nb}$<br>pCi/gc | $^{140}\text{La}$<br>pCi/gc | $^{140}\text{Ba}$<br>pCi/gc | $^{54}\text{Mn}$<br>pCi/gc | $\beta$ total<br>pCi/gc | $^{40}\text{K}$<br>pCi/gc | $^{90}\text{Sr} \text{ éq.}$<br>pCi/gc |
|-------------|------------------------|----------------------------|-------------------------------------------------|-----------------------------|----------------------------------------------|-----------------------------|----------------------------------------------|----------------------------------------------|----------------------------|----------------------------|-----------------------------|-----------------------------|----------------------------|-------------------------|---------------------------|----------------------------------------|
| Salade      | 17/07                  | 1/08                       | < 4                                             | < LD                        | < LD                                         | < LD                        | < LD                                         | < LD                                         | < LD                       | < LD                       | < LD                        | < LD                        | < LD                       | 170                     | 160                       |                                        |

## POLYNESIE FRANCAISE - ARCHIPEL DE LA SOCIETE - TAHITI

131 I : PCI/litre - mesures effectuées localement

Lait 1974

| date de<br>prélèvement | Janvier | Février | Mars | Avril | Mai | Juin | Juillet | Août | Septembre | Octobre | Novembre | Décembre |
|------------------------|---------|---------|------|-------|-----|------|---------|------|-----------|---------|----------|----------|
| 1                      |         |         |      |       |     |      | 40      | 960  | 20        | 60      |          |          |
| 2                      |         |         |      |       |     |      | 30      | 460  | 20        | 60      |          |          |
| 3                      |         |         |      |       |     |      | 20      | 760  | 20        | 57      |          |          |
| 4                      |         |         |      |       |     |      | 20      | 670  | 40        | 57      |          |          |
| 5                      |         |         |      |       |     |      | 20      | 680  | 30        | 64      |          |          |
| 6                      |         |         |      |       |     |      | 20      | 590  | 42        | 62      |          |          |
| 7                      |         |         |      |       |     |      | 20      | 570  | 44        | 63      |          |          |
| 8                      |         |         |      |       |     |      | 20      | 460  | 31        | 55      |          |          |
| 9                      |         |         |      |       |     |      | 10      | 350  | 27        | 39      |          |          |
| 10                     |         |         |      |       |     |      | 10      | 330  | 26        | 40      |          |          |
| 11                     |         |         |      |       |     |      | 10      | 250  | 22        | 41      |          |          |
| 12                     |         |         |      |       |     |      | 10      | 230  | 20        | 36      |          |          |
| 13                     |         |         |      |       |     |      | 0       | 170  | 20        | 28      |          |          |
| 14                     |         |         |      |       |     |      | 0       | 140  | 20        | 28      |          |          |
| 15                     |         |         |      |       |     |      | 0       | 130  | 20        | 27      |          |          |
| 16                     |         |         |      |       |     |      | 0       | 130  | 20        | 27      |          |          |
| 17                     |         |         |      |       |     | 0    | 100     | 140  | 20        |         |          |          |
| 18                     |         |         |      |       |     | 0    | 90      | 120  | 15        |         |          |          |
| 19                     |         |         |      |       |     | 0    | 560     | 100  | 16        |         |          |          |
| 20                     |         |         |      |       |     | 0    | 2.310   | 90   | 17        |         |          |          |
| 21                     |         |         |      |       |     | 0    | 7.000   | 110  |           |         |          |          |
| 22                     |         |         |      |       |     | 450  | 5.150   | 100  |           |         |          |          |
| 23                     |         |         |      |       |     | 30   | 6.800   | 80   | 41        |         |          |          |
| 24                     |         |         |      |       |     | 70   | 6.080   | 70   | 68        |         |          |          |
| 25                     |         |         |      |       |     | 70   | 4.850   | 60   | 80        |         |          |          |
| 26                     |         |         |      |       |     | 90   | 3.650   | 60   | 80        |         |          |          |
| 27                     |         |         |      |       |     | 70   | 3.760   | 50   | 90        |         |          |          |
| 28                     |         |         |      |       |     | 60   | 2.660   | 40   | 85        |         |          |          |
| 29                     |         |         |      |       |     | 50   | 2.240   | 40   | 86        |         |          |          |
| 30                     |         |         |      |       |     | 40   | 1.430   | 40   | 80        |         |          |          |
| 31                     |         |         |      |       |     |      | 1.050   | 35   |           |         |          |          |

## POLYNESIE FRANCAISE (ARCHIPEL DE LA SOCIETE)

Lait

Année 1974

| Date<br>prélèvement | Date de<br>mesure $\gamma$ | $r = \frac{\gamma_{total}}{40K}$ | $^{131}I$<br>(pCi/litre) | $^{90}Sr$<br>(pCi/litre) | $^{137}Cs$<br>(pCi/litre) |
|---------------------|----------------------------|----------------------------------|--------------------------|--------------------------|---------------------------|
| Janvier             | Mars                       | 6                                | non mesuré               | 4,7                      | 129                       |
| Février             | Mai                        | 8                                | "                        | 4,7                      | 131                       |
| Mars                | Mai                        | 6                                | "                        | 4,6                      | 105                       |
| Avril               | Juin                       | 6                                | "                        | 4,2                      | 115                       |
| Mai                 | Juillet                    | 6                                | "                        | 3,2                      | 86                        |
| Juin                | Septembre                  | 6                                | "                        | 4,9                      | 85                        |
| Septembre           | Novembre                   | 6                                | "                        | 4,5                      | 100                       |
| Octobre             | Décembre                   | 6                                | "                        | 5,7                      | 96                        |
| Novembre            | Janvier                    | 6                                | "                        | 4,8                      | 103                       |
| Décembre            | Février                    | 6                                | "                        | 5,6                      | 115                       |

## POLYNESIE FRANCAISE (ARCHIPEL DE LA SOCIETE)

Année : 1974

Autres échantillons biologiques

| N A T U R :      | Date du prélèvement | Date de mesure $\gamma$ | rapport $\gamma$ tot. / $^{40}\text{K}$ | $^{137}\text{Cs}$ | $^{144}\text{Ce} + \text{Pr}$ | $^{141}\text{Ce}$ | $^{106}\text{Ru} + \text{Rh}$ | $^{103}\text{Ru} + \text{Rh}$ | $^{95}\text{Zr}$ | $^{95}\text{Nb}$ | $^{140}\text{La}$ | $^{140}\text{Ba}$ | $^{54}\text{Mn}$ | $^{90}\text{Sr eq.}$ | $\beta$ total | $^{40}\text{K}$ | $^{90}\text{Sr eq.}$ |
|------------------|---------------------|-------------------------|-----------------------------------------|-------------------|-------------------------------|-------------------|-------------------------------|-------------------------------|------------------|------------------|-------------------|-------------------|------------------|----------------------|---------------|-----------------|----------------------|
| Carotte          | Jan                 | Mars                    | <4                                      | <ID               | <ID                           | <ID               | <ID                           | <ID                           | <ID              | <ID              | <ID               | <ID               | <ID              | 14                   | 4400          | 4200            | 6,9                  |
| Pneu chinois     | "                   | "                       | <4                                      | "                 | "                             | "                 | "                             | "                             | "                | "                | "                 | "                 | "                | 16                   | 3400          | 3100            | 15                   |
| Parlemousse      | "                   | "                       | <4                                      | 22                | "                             | "                 | "                             | "                             | "                | "                | "                 | "                 | "                | 4,2                  | 2100          | 1800            | 3,2                  |
| Poisson de récif | "                   | "                       | <4                                      | <ID               | "                             | "                 | "                             | "                             | "                | "                | "                 | "                 | "                | 5,2                  | 2900          | 2800            | 102                  |
| Thon             | "                   | "                       | <4                                      | "                 | "                             | "                 | "                             | "                             | "                | "                | "                 | "                 | "                | 2,8                  | 2900          | 3000            | 22                   |
| Haricot vert     | Fév                 | Mai                     | <4                                      | "                 | "                             | "                 | "                             | "                             | "                | "                | "                 | "                 | "                | 13                   | 1100          | 1000            | 4,4                  |
| Taro             | "                   | "                       | <4                                      | "                 | "                             | "                 | "                             | "                             | "                | "                | "                 | "                 | "                | 11                   | 3200          | 2500            | 11                   |
| Parlemousse      | "                   | "                       | <4                                      | 12                | "                             | "                 | "                             | "                             | "                | "                | "                 | "                 | "                | 15                   | 2000          | 1800            | 13                   |
| Poisson du large | "                   | "                       | <4                                      | <ID               | "                             | "                 | "                             | "                             | "                | "                | "                 | "                 | "                | 5,1                  | 3400          | 3000            | 47                   |
| Coco chinois     | Mars                | "                       | <4                                      | "                 | "                             | "                 | "                             | "                             | "                | "                | "                 | "                 | "                | 11                   | 3100          | 2700            | 14                   |
| Banane           | "                   | "                       | <4                                      | "                 | "                             | "                 | "                             | "                             | "                | "                | "                 | "                 | "                | 6,0                  | 3900          | 3800            | 0,7                  |
| Navet            | "                   | "                       | <4                                      | "                 | "                             | "                 | "                             | "                             | "                | "                | "                 | "                 | "                | 12                   | 2800          | 2800            | 4,8                  |
| Thon             | "                   | "                       | <4                                      | "                 | "                             | "                 | "                             | "                             | "                | "                | "                 | "                 | "                | 5,1                  | 3000          | 2800            | 21                   |
| Poisson récif    | "                   | "                       | <4                                      | "                 | "                             | "                 | "                             | "                             | "                | "                | "                 | "                 | "                | 5,1                  | 3500          | 3400            | 63                   |
| Poisson lagon    | "                   | "                       | <4                                      | "                 | "                             | "                 | "                             | "                             | "                | "                | "                 | "                 | "                | 6,8                  | 2200          | 2700            | 199                  |
| Salade           | Avr.                | Juin                    | <4                                      | "                 | "                             | "                 | "                             | "                             | "                | "                | "                 | "                 | "                | 13                   | 2500          | 2200            | 7,0                  |
| Navet            | "                   | "                       | <4                                      | "                 | "                             | "                 | "                             | "                             | "                | "                | "                 | "                 | "                | 14,5                 | 2400          | 2300            | 4,3                  |
| Paraye           | "                   | "                       | <4                                      | "                 | "                             | "                 | "                             | "                             | "                | "                | "                 | "                 | "                | 29                   | 2100          | 2200            | 6,3                  |
| Poisson récif    | "                   | "                       | <4                                      | "                 | "                             | "                 | "                             | "                             | "                | "                | "                 | "                 | "                | 5,9                  | 2300          | 3100            | 59                   |
| Poisson large    | "                   | "                       | <4                                      | "                 | "                             | "                 | "                             | "                             | "                | "                | "                 | "                 | "                | 3,4                  | 3600          | 3000            | 22                   |
| Kelon            | "                   | "                       | <4                                      | 17                | "                             | "                 | "                             | "                             | "                | "                | "                 | "                 | "                | 8,5                  | 2200          | 1900            | 3,0                  |
| Poireau          | Mai                 | Juil                    | <4                                      | <ID               | "                             | "                 | "                             | "                             | "                | "                | "                 | "                 | "                | 25                   | 2100          | 1900            | 12                   |
| Igname           | "                   | "                       | <4                                      | "                 | "                             | "                 | "                             | "                             | "                | "                | "                 | "                 | "                | 20                   | 2900          | 2900            | 1,5                  |
| Poisson large    | "                   | "                       | <4                                      | "                 | "                             | "                 | "                             | "                             | "                | "                | "                 | "                 | "                | 6,0                  | 3200          | 2900            | 58                   |
| Poisson récif    | "                   | "                       | <4                                      | "                 | "                             | "                 | "                             | "                             | "                | "                | "                 | "                 | "                | 5,9                  | 2500          | 3000            | 51                   |

## POLYNESIE FRANCAISE (ARCHIPEL DE LA SOCIETE)

Autres échantillons biologiques (suite)

Année : 1974

| NATURE        | Date du prélèvement | Date de mesure | rapport $\gamma$ tot. / $\gamma$ $^{40}\text{K}$ | $^{137}\text{Cs}$ | $^{144}\text{Ce} + \text{Pr}$ | $^{141}\text{Ce}$ | $^{106}\text{Ru} + \text{Rh}$ | $^{103}\text{Ru} + \text{Rh}$ | $^{95}\text{Zr}$ | $^{95}\text{Nb}$ | $^{140}\text{La}$ | $^{140}\text{Ba}$ | $^{54}\text{Mn}$ | $^{90}\text{Sr eq.}$ | $\beta$ total | $^{40}\text{K}$ | $^{90}\text{Sr eq.}$ |
|---------------|---------------------|----------------|--------------------------------------------------|-------------------|-------------------------------|-------------------|-------------------------------|-------------------------------|------------------|------------------|-------------------|-------------------|------------------|----------------------|---------------|-----------------|----------------------|
| Poivron       | Juin                | Sept           | 4                                                | < LD              | < LD                          | < LD              | < LD                          | < LD                          | < LD             | < LD             | < LD              | < LD              | < LD             | 17                   | 1900          | 1800            | 1,4                  |
| Ignames       | "                   | "              | 4                                                | "                 | "                             | "                 | "                             | "                             | "                | "                | "                 | "                 | "                | 26                   | 3400          | 3200            | 2,4                  |
| Avanas        | "                   | "              | 4                                                | 13                | "                             | "                 | "                             | "                             | "                | "                | "                 | "                 | "                | 28                   | 2300          | 2200            | 5,6                  |
| Thon          | "                   | "              | 4                                                | < LD              | "                             | "                 | "                             | "                             | "                | "                | "                 | "                 | "                | 1,7                  | 2000          | 2700            | 5,6                  |
| Carotte       | Sept                | Nov            | 7                                                | 19                | 441                           | "                 | 988                           | "                             | 397              | "                | "                 | "                 | "                | 105                  | 5500          | 5700            | 124                  |
| Haricot vert  | "                   | "              | 5                                                | < LD              | 98                            | "                 | 115                           | "                             | 37               | "                | "                 | "                 | "                | 65                   | 2400          | 1800            | 30                   |
| Papaye        | "                   | "              | 4                                                | 17                | < LD                          | "                 | 117                           | "                             | 42               | "                | "                 | "                 | "                | 42                   | 2800          | 2800            | 16                   |
| Poisson large | "                   | "              | 4                                                | 57                | 286                           | "                 | < LD                          | "                             | < LD             | < LD             | "                 | "                 | "                | 1,9                  | 3500          | 3300            | 19                   |
| Tomate        | "                   | "              | 4                                                | < LD              | < LD                          | "                 | "                             | "                             | "                | "                | "                 | "                 | "                | 18                   | 2000          | 1700            | 1,8                  |
| Navet         | Oct                 | Déc            | 4                                                | "                 | "                             | "                 | "                             | "                             | "                | "                | "                 | "                 | "                | 5,8                  | 2900          | 2750            | 1,7                  |
| Ananas        | "                   | "              | 4                                                | 20                | 168                           | "                 | 131                           | "                             | 96               | "                | "                 | "                 | "                | 96                   | 1800          | 1600            | 21                   |
| Poisson large | "                   | "              | 7                                                | < LD              | < LD                          | "                 | < LD                          | "                             | < LD             | < LD             | "                 | "                 | "                | 4,1                  | 2900          | 2900            | 33                   |
| Carotte       | "                   | "              | 4                                                | "                 | "                             | "                 | 61                            | "                             | "                | "                | "                 | "                 | "                | 23                   | 5000          | 4500            | 15                   |
| Chou chinois  | Nov                 | Jan            | 4                                                | "                 | "                             | "                 | 501                           | "                             | 41               | "                | "                 | "                 | "                | 35                   | 3200          | 2800            | 33                   |
| Féi           | "                   | "              | 8                                                | 65                | 351                           | "                 | < LD                          | "                             | 375              | "                | "                 | "                 | "                | 221                  | 4500          | 4500            | 120                  |
| Poisson récif | "                   | "              | 4                                                | < LD              | < LD                          | "                 | "                             | "                             | < LD             | < LD             | "                 | "                 | "                | 2,0                  | 3200          | 2800            | 27                   |
| Poisson large | "                   | "              | 4                                                | "                 | "                             | "                 | "                             | "                             | "                | "                | "                 | "                 | "                | 2,5                  | 3150          | 3100            | 16                   |
| Carotte       | "                   | "              | 4                                                | "                 | "                             | "                 | "                             | "                             | "                | "                | "                 | "                 | "                | 23                   | 5700          | 5000            | 12                   |
| Banane        | Déc                 | Fév            | 4                                                | "                 | "                             | "                 | "                             | "                             | 32               | "                | "                 | "                 | "                | 23                   | 3900          | 3600            | 5,9                  |
| Poisson large | "                   | "              | 4                                                | "                 | "                             | "                 | "                             | "                             | < LD             | < LD             | "                 | "                 | "                | 1,2                  | 3500          | 3100            | 17                   |

## POLYNESIE : ARCHipel DE LA SOCIETE

| NATURE DU<br>PRELEVEMENT | EPOQUE DU<br>PRELEVEMENT | LIEU de<br>PRELEVEMENT | NOMBRE<br>d'ECHANTILLONS<br>ANALYSES | ACTIVITE $\chi$<br>TOTALE<br>MOYENNE<br>40% Exclu<br>(pCi/kg Frais) | P F ou PA DETECTES                                                                                                           | OBSERVATIONS |
|--------------------------|--------------------------|------------------------|--------------------------------------|---------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|--------------|
| COCO EAU                 | 1° trimestre 74          | TAHITI                 | 5                                    | < 10                                                                | $^{137}\text{Cs}$                                                                                                            |              |
|                          | 2° -                     | -                      | 4                                    | 30                                                                  | $^{137}\text{Cs}$                                                                                                            |              |
|                          | 3° -                     | -                      | 5                                    | 100                                                                 | $^{95}\text{Zr-Nb}$ , $^{103}\text{Ru}$ , $^{137}\text{Cs}$ ,<br>$^{140}\text{Ba-La}$ , $^{141}\text{Ce}$                    |              |
|                          | 4° -                     | -                      | 5                                    | 30                                                                  | $^{95}\text{Zr-Nb}$ , $^{103}\text{Ru}$ , $^{137}\text{Cs}$                                                                  |              |
| COCO COPRAH              | 1° trimestre 74          | TAHITI                 | 5                                    | 20                                                                  | $^{137}\text{Cs}$                                                                                                            |              |
|                          | 2° -                     | -                      | 4                                    | 20                                                                  | $^{137}\text{Cs}$                                                                                                            |              |
|                          | 3° -                     | -                      | 5                                    | 950                                                                 | $^{95}\text{Zr-Nb}$ , $^{103}\text{Ru}$ , $^{137}\text{Cs}$ ,<br>$^{140}\text{Ba-La}$ , $^{141}\text{Ce}$                    |              |
|                          | 4° -                     | -                      | 5                                    | 70                                                                  | $^{95}\text{Zr-Nb}$ , $^{103}\text{Ru}$ , $^{137}\text{Cs}$ , $^{141}\text{Ce}$                                              |              |
| URU                      | 1° trimestre 74          | TAHITI                 | 3                                    | < 10                                                                | $^{137}\text{Cs}$                                                                                                            |              |
|                          | 2° -                     | -                      | 4                                    | 30                                                                  | $^{137}\text{Cs}$                                                                                                            |              |
|                          | 3° -                     | -                      | 5                                    | 510                                                                 | $^{95}\text{Zr-Nb}$ , $^{103}\text{Ru}$ , $^{131}\text{I}$ , $^{137}\text{Cs}$ ,<br>$^{140}\text{Ba-La}$ , $^{141}\text{Ce}$ |              |
|                          | 4° -                     | -                      | 5                                    | 110                                                                 | $^{95}\text{Zr-Nb}$ , $^{103}\text{Ru}$ , $^{137}\text{Cs}$ ,<br>$^{140}\text{Ba-La}$ , $^{141}\text{Ce}$                    |              |

## POLYNESIE : ARCHIPEL DE LA SOCIETE

| NATURE du<br>PRELEVEMENT | EPOQUE du<br>PRELEVEMENT | LIEU de<br>PRELEVEMENT | NOMBRE<br>d'ECHANTILLON<br>ANALYSES | ACTIVITE $\gamma$<br>TOTALE<br>MOYENNE<br>40K Exclu<br>(pCi/kg Frais) | P F ou PA DETECTES                                                                                                     | OBSERVATIONS |
|--------------------------|--------------------------|------------------------|-------------------------------------|-----------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------|--------------|
| BANANE                   | 1° trimestre 74          | TAHITI                 | 7                                   | < 10                                                                  | <sup>137</sup> Cs                                                                                                      |              |
|                          | 2° -                     | -                      | 5                                   | < 10                                                                  | <sup>137</sup> Cs                                                                                                      |              |
|                          | 3° -                     | -                      | 7                                   | 470                                                                   | <sup>95</sup> Zr-Nb, <sup>103</sup> Ru, <sup>131</sup> I, <sup>137</sup> Cs<br><sup>140</sup> Ba-La, <sup>141</sup> Ce |              |
|                          | 4° -                     | -                      | 6                                   | 50                                                                    | <sup>95</sup> Zr-Nb, <sup>103</sup> Ru, <sup>137</sup> Cs,<br><sup>141</sup> Ce                                        |              |
| PATAYE                   | 1° trimestre 74          | TAHITI                 | 5                                   | 10                                                                    | <sup>137</sup> Cs                                                                                                      |              |
|                          | 2° -                     | -                      | 4                                   | 10                                                                    | <sup>137</sup> Cs                                                                                                      |              |
|                          | 3° -                     | -                      | 5                                   | 310                                                                   | <sup>95</sup> Zr-Nb, <sup>103</sup> Ru, <sup>137</sup> Cs,<br><sup>140</sup> Ba-La, <sup>141</sup> Ce                  |              |
|                          | 4° -                     | -                      | 5                                   | 40                                                                    | <sup>95</sup> Zr-Nb, <sup>103</sup> Ru, <sup>137</sup> Cs,<br><sup>141</sup> Ce                                        |              |
| MANQUE                   | 1° trimestre 74          | TAHITI                 | 2                                   | < 10                                                                  | <sup>137</sup> Cs                                                                                                      |              |
|                          | 2° -                     | -                      | 1                                   | < 10                                                                  | <sup>137</sup> Cs                                                                                                      |              |
|                          | 3° -                     | -                      | 2                                   | 730                                                                   | <sup>95</sup> Zr-Nb, <sup>103</sup> Ru, <sup>137</sup> Cs,<br><sup>141</sup> Ce                                        |              |
|                          | 4° -                     | -                      | 1                                   | 10                                                                    | <sup>95</sup> Zr-Nb, <sup>137</sup> Cs                                                                                 |              |

## POLYNESIE : ARCHPEL DE LA SOCIETE

| NATURE du<br>PRELEVEMENT | EPOQUE du<br>PRELEVEMENT | LIEU de<br>PRELEVEMENT | NOMBRE<br>d'ECHANTILLONS<br>ANALYSES | ACTIVITE $\bar{Y}$<br>TOTALE<br>MOYENNE<br>40K Exclu<br>(pCi/kg Frais) | P F ou PA DETECTES                                                                                        | OBSERVATIONS |
|--------------------------|--------------------------|------------------------|--------------------------------------|------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|--------------|
| PAMPLEMOUSSE             | 1° trimestre 74          | TAHITI                 | 2                                    | < 10                                                                   | $^{137}\text{Cs}$                                                                                         |              |
|                          | 2° -                     | -                      | 1                                    | < 10                                                                   | $^{137}\text{Cs}$                                                                                         |              |
|                          | 3° -                     | -                      | 2                                    | 970                                                                    | $^{95}\text{Zr-Nb}$ , $^{103}\text{Ru}$ , $^{137}\text{Cs}$ ,<br>$^{140}\text{Ba-La}$ , $^{141}\text{Ce}$ |              |
|                          | 4° -                     | -                      | 1                                    | 20                                                                     | $^{137}\text{Cs}$                                                                                         |              |
| AVOCAT                   | 1° trimestre 74          | TAHITI                 | 2                                    | 160                                                                    | $^{137}\text{Cs}$                                                                                         |              |
|                          | 2° -                     | -                      | 1                                    | < 10                                                                   | $^{137}\text{Cs}$                                                                                         |              |
|                          | 3° -                     | -                      | 1                                    | 1500                                                                   | $^{95}\text{Zr-Nb}$ , $^{103}\text{Ru}$ , $^{137}\text{Cs}$ ,<br>$^{140}\text{Ba-La}$ , $^{141}\text{Ce}$ |              |
|                          | 4° -                     | -                      | 1                                    | 270                                                                    | $^{137}\text{Cs}$                                                                                         |              |
| CITRON                   | 1° trimestre 74          | TAHITI                 | 2                                    | < 10                                                                   | $^{137}\text{Cs}$                                                                                         |              |
|                          | 2° -                     | -                      | 1                                    | < 10                                                                   | $^{137}\text{Cs}$                                                                                         |              |
|                          | 3° -                     | -                      | 2                                    | 620                                                                    | $^{95}\text{Zr-Nb}$ , $^{103}\text{Ru}$ , $^{137}\text{Cs}$ ,<br>$^{140}\text{Ba-La}$ , $^{141}\text{Ce}$ |              |
|                          | 4° -                     | -                      | 1                                    | 20                                                                     | $^{95}\text{Zr-Nb}$ , $^{137}\text{Cs}$                                                                   |              |

## POLYNESIE : ARCHPEL DE LA SOCIETE

| NATURE du<br>PRELEVEMENT | EPCQUE du<br>PRELEVEMENT | LIEU de<br>PRELEVEMENT | NOMBRE<br>d'ECHANTILLON/<br>ANALYSES | ACTIVITE X<br>TOTALE<br>MOYENNE<br>40K Exclu<br>(pCi/kg Fraiss) | P F ou PA DETECTES                                                                                                      | OBSERVATIONS |
|--------------------------|--------------------------|------------------------|--------------------------------------|-----------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|--------------|
| ANANAS                   | 1° trimestre 74          | TAHITI                 | 2                                    | 30                                                              | <sup>137</sup> Cs                                                                                                       |              |
|                          | 2° -                     | -                      | 1                                    | < 10                                                            | <sup>137</sup> Cs                                                                                                       |              |
|                          | 3° -                     | -                      | 1                                    | 1500                                                            | <sup>95</sup> Zr-Nb, <sup>103</sup> Ru, <sup>137</sup> Cs,<br><sup>140</sup> Ba-La, <sup>141</sup> Ce                   |              |
|                          | 4° -                     | -                      | 1                                    | 60                                                              | <sup>95</sup> Zr-Nb, <sup>103</sup> Ru, <sup>137</sup> Cs                                                               |              |
| TOMATE                   | 1° trimestre 74          | TAHITI                 | 2                                    | 10                                                              | <sup>137</sup> Cs                                                                                                       |              |
|                          | 2° -                     | -                      | 1                                    | < 10                                                            | <sup>137</sup> Cs                                                                                                       |              |
|                          | 3° -                     | -                      | 3                                    | 1000                                                            | <sup>95</sup> Zr-Nb, <sup>103</sup> Ru, <sup>131</sup> I,<br><sup>137</sup> Cs, <sup>140</sup> Ba-La, <sup>141</sup> Ce |              |
|                          | 4° -                     | -                      | 1                                    | 2)                                                              | <sup>137</sup> Cs                                                                                                       |              |
| AUBERGINE                | 1° trimestre 74          | TAHITI                 | 2                                    | < 10                                                            | <sup>137</sup> Cs                                                                                                       |              |
|                          | 2° -                     | -                      | 1                                    | < 10                                                            | <sup>137</sup> Cs                                                                                                       |              |
|                          | 3° -                     | -                      | 2                                    | 40                                                              | <sup>95</sup> Zr-Nb, <sup>103</sup> Ru, <sup>137</sup> Cs                                                               |              |
|                          | 4° -                     | -                      | 1                                    | 10                                                              | <sup>95</sup> Zr-Nb, <sup>137</sup> Cs                                                                                  |              |
| CONCOMBRE                | 3° trimestre 74          | TAHITI                 | 1                                    | 90                                                              | <sup>103</sup> Ru, <sup>137</sup> Cs                                                                                    |              |

## POLYNESIE : ARCHIPEL DE LA SOCIETE

| NATURE du<br>PRELEVEMENT | EPOQUE du<br>PRELEVEMENT | LIEU de<br>PRELEVEMENT | NOMBRE<br>d'ECHANTILLONS<br>ANALYSES | ACTIVITE $\gamma$<br>TOTALE<br>MOYENNE<br>40% Exclu<br>(pCi/kg Frais) | PF ou PA DETECTES                                                                                                            | OBSERVATIONS      |
|--------------------------|--------------------------|------------------------|--------------------------------------|-----------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|-------------------|
| FAFA                     | 1° trimestre 74          | TAHITI                 | 5                                    | 20                                                                    | $^{137}\text{Cs}$                                                                                                            |                   |
|                          | 2° -                     | -                      | 4                                    | 40                                                                    | $^{95}\text{Zr-Nb}$ , $^{103}\text{Ru}$ , $^{137}\text{Cs}$                                                                  |                   |
|                          | 3° -                     | -                      | 15                                   | 72400                                                                 | $^{95}\text{Zr-Nb}$ , $^{103}\text{Ru}$ , $^{131}\text{I}$ ,<br>$^{137}\text{Cs}$ , $^{140}\text{Ba-La}$ , $^{141}\text{Ce}$ |                   |
|                          | 4° -                     | -                      | 4                                    | 550                                                                   | $^{95}\text{Zr-Nb}$ , $^{103}\text{Ru}$ , $^{137}\text{Cs}$ ,<br>$^{141}\text{Ce}$                                           |                   |
| SALADE                   | 1° trimestre 74          | TAHITI                 | 2                                    | < 10                                                                  | $^{137}\text{Cs}$                                                                                                            | $^7\text{Be}$     |
|                          | 2° -                     | -                      | 1                                    | < 10                                                                  | $^{137}\text{Cs}$                                                                                                            |                   |
|                          | 3° -                     | -                      | 12                                   | 97200                                                                 | $^{95}\text{Zr-Nb}$ , $^{103}\text{Ru}$ , $^{131}\text{I}$ ,<br>$^{137}\text{Cs}$ , $^{140}\text{Ba-La}$ , $^{141}\text{Ce}$ |                   |
|                          | 4° -                     | -                      | 2                                    | 430                                                                   | $^{95}\text{Zr-Nb}$ , $^{103}\text{Ru}$ , $^{137}\text{Cs}$ ,<br>$^{141}\text{Ce}$                                           |                   |
| CHOU                     | 1° trimestre 74          | TAHITI                 | 2                                    | < 10                                                                  | $^{137}\text{Cs}$                                                                                                            |                   |
|                          | 2° -                     | -                      | 1                                    | < 10                                                                  | $^{137}\text{Cs}$                                                                                                            |                   |
|                          | 3° -                     | -                      | 4                                    | 270                                                                   | $^{95}\text{Zr-Nb}$ , $^{103}\text{Ru}$ , $^{131}\text{I}$ ,<br>$^{140}\text{Ba-La}$ , $^{141}\text{Ce}$                     | $^{137}\text{Cs}$ |
|                          | 4° -                     | -                      | 1                                    | 10                                                                    | $^{95}\text{Zr-Nb}$ , $^{137}\text{Cs}$                                                                                      |                   |

## POLYNESIE : ARCHIPEL DE LA SOCIETE

| NATURE du<br>PRELEVEMENT | EPOQUE du<br>PRELEVEMENT | LIEU de<br>PRELEVEMENT | NOMBRE<br>d'ECHANTILLONS<br>ANALYSES | ACTIVITE $\bar{X}$<br>TOTALE<br>MOYENNE<br>40K Exclu<br>(pCi/kg Frais) | P F ou PA DETECTES                                                                                        | OBSERVATIONS      |
|--------------------------|--------------------------|------------------------|--------------------------------------|------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|-------------------|
| NAVET                    | 1° trimestre 74          | TAHITI                 | 2                                    | 100                                                                    | $^{137}\text{Cs}$                                                                                         | $^{232}\text{Th}$ |
|                          | 2° -                     | -                      | 1                                    | 310                                                                    | $^{137}\text{Cs}$                                                                                         |                   |
|                          | 3° -                     | -                      | 2                                    | 90                                                                     | $^{137}\text{Cs}$                                                                                         |                   |
|                          | 4° -                     | -                      | 1                                    | 170                                                                    | $^{95}\text{Zr-Nb}$ , $^{137}\text{Cs}$                                                                   |                   |
| TARO                     | 1° trimestre 74          | TAHITI                 | 5                                    | 30                                                                     | $^{137}\text{Cs}$                                                                                         | $^{232}\text{Th}$ |
|                          | 2° -                     | -                      | 4                                    | 30                                                                     | $^{137}\text{Cs}$                                                                                         |                   |
|                          | 3° -                     | -                      | 4                                    | 820                                                                    | $^{95}\text{Zr-Nb}$ , $^{103}\text{Ru}$ , $^{137}\text{Cs}$ ,<br>$^{140}\text{Ba-La}$ , $^{141}\text{Ce}$ |                   |
|                          | 4° -                     | -                      | 5                                    | 120                                                                    | $^{95}\text{Zr-Nb}$ , $^{103}\text{Ru}$ , $^{137}\text{Cs}$ ,<br>$^{141}\text{Ce}$                        |                   |
| TARUA                    | 1° trimestre 74          | TAHITI                 | 2                                    | < 10                                                                   | $^{137}\text{Cs}$                                                                                         |                   |
|                          | 2° -                     | -                      | 1                                    | < 10                                                                   |                                                                                                           |                   |
|                          | 3° -                     | -                      | 2                                    | 1200                                                                   | $^{95}\text{Zr-Nb}$ , $^{103}\text{Ru}$ , $^{137}\text{Cs}$ ,<br>$^{140}\text{Ba-La}$ , $^{141}\text{Ce}$ |                   |
|                          | 4° -                     | -                      | 1                                    | < 10                                                                   | $^{137}\text{Cs}$                                                                                         |                   |

## POLYNESIE : ARCHIPEL DE LA SOCIETE

| NATURE du<br>PRELEVEMENT | EPOQUE du<br>PRELEVEMENT | LIEU de<br>PRELEVEMENT | NOMBRE<br>d'ECHANTILLON<br>ANALYSES | ACTIVITE $\gamma$<br>TOTALE<br>MOYENNE<br>40K Exclu<br>(pCi/kg Frais) | P F ou PA DETECTES                                                                                                                                                 | OBSERVATIONS      |
|--------------------------|--------------------------|------------------------|-------------------------------------|-----------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|
| MANIOC                   | 1° trimestre 74          | TAHITI                 | 5                                   | 50                                                                    | $^{137}\text{Cs}$                                                                                                                                                  | $^{232}\text{Th}$ |
|                          | 2° -                     | -                      | 4                                   | 350                                                                   | $^{137}\text{Cs}$                                                                                                                                                  |                   |
|                          | 3° -                     | -                      | 6                                   | 1200                                                                  | $^{95}\text{Zr-Nb}$ , $^{103}\text{Ru}$ , $^{137}\text{Cs}$ ,<br>$^{140}\text{Ba-La}$ , $^{141}\text{Ce}$                                                          |                   |
|                          | 4° -                     | -                      | 6                                   | 340                                                                   | $^{95}\text{Zr-Nb}$ , $^{137}\text{Cs}$                                                                                                                            |                   |
| TURBO                    | 2° trimestre 74          | TAHITI                 | 1                                   | 730                                                                   | $^{60}\text{Co}$ , $^{95}\text{Zr-Nb}$ , $^{106}\text{Ru}$ ,<br>$^{137}\text{Cs}$ , $^{144}\text{Ce}$                                                              |                   |
|                          | 3° -                     | -                      | 1                                   | 1400                                                                  | $^{95}\text{Zr-Nb}$ , $^{103}\text{Ru}$ , $^{131}\text{I}$ ,<br>$^{137}\text{Cs}$ , $^{140}\text{Ba-La}$ , $^{141}\text{Ce}$ , $^{144}\text{Ce}$                   |                   |
|                          |                          |                        |                                     |                                                                       |                                                                                                                                                                    |                   |
| DENITIER                 | 1° trimestre 74          | TAHITI                 | 5                                   | 127                                                                   | $^{54}\text{Mn}$ , $^{57}\text{Co}$ , $^{60}\text{Co}$ , $^{65}\text{Zn}$ ,<br>$^{95}\text{Zr-Nb}$ , $^{106}\text{Ru}$ , $^{137}\text{Cs}$                         |                   |
|                          | 2° -                     | -                      | 4                                   | 130                                                                   | $^{54}\text{Mn}$ , $^{57}\text{Co}$ , $^{60}\text{Co}$ , $^{65}\text{Zn}$ ,<br>$^{95}\text{Zr-Nb}$ , $^{103}\text{Ru}$ , $^{106}\text{Ru}$                         |                   |
|                          | 3° -                     | -                      | 6                                   | 8800                                                                  | $^{60}\text{Co}$ , $^{65}\text{Zn}$ , $^{95}\text{Zr-Nb}$ , $^{103}\text{Ru}$ ,<br>$^{131}\text{I}$ , $^{137}\text{Cs}$ , $^{140}\text{Ba-La}$ , $^{141}\text{Ce}$ |                   |
|                          | 4° -                     | -                      | 5                                   | 560                                                                   | $^{57}\text{Co}$ , $^{60}\text{Co}$ , $^{95}\text{Zr-Nb}$ , $^{103}\text{Ru}$ ,<br>$^{137}\text{Cs}$ , $^{141}\text{Ce}$                                           |                   |

## POLYNESIE : ARCHipel DE LA SOCIETE

| NATURE du<br>PRELEVEMENT | EPOQUE du<br>PRELEVEMENT | LIEU de<br>PRELEVEMENT | NOMBRE<br>d'ECHANTILLONS<br>ANALYSES | ACTIVITE $\bar{X}$<br>TOTALE<br>MOYENNE<br>40K Exclu<br>(pCi/kg Frais) | P F ou PA DETECTES                                                                                                         | OBSERVATIONS |
|--------------------------|--------------------------|------------------------|--------------------------------------|------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|--------------|
| POULET                   | 1° trimestre 74          | TAHITI                 | 5                                    | 10                                                                     | $^{137}\text{Cs}$                                                                                                          |              |
|                          | 2° -                     | -                      | 4                                    | 30                                                                     | $^{137}\text{Cs}$                                                                                                          |              |
|                          | 3° -                     | -                      | 5                                    | 710                                                                    | $^{95}\text{Zr-Nb}$ , $^{103}\text{Ru}$ , $^{131}\text{I}$ , $^{137}\text{Cs}$<br>$^{140}\text{Ba-La}$ , $^{141}\text{Ce}$ |              |
|                          | 4° -                     | -                      | 5                                    | 150                                                                    | $^{95}\text{Zr-Nb}$ , $^{103}\text{Ru}$ , $^{137}\text{Cs}$ ,<br>$^{141}\text{Ce}$                                         |              |
| PORC                     | 1° trimestre 74          | TAHITI                 | 2                                    | 240                                                                    | $^{137}\text{Cs}$                                                                                                          |              |
|                          | 2° -                     | -                      | 1                                    | 90                                                                     | $^{137}\text{Cs}$                                                                                                          |              |
|                          | 3° -                     | -                      | 3                                    | 360                                                                    | $^{95}\text{Zr-Nb}$ , $^{103}\text{Ru}$ , $^{137}\text{Cs}$ ,<br>$^{140}\text{Ba-La}$ , $^{141}\text{Ce}$                  |              |
|                          | 4° -                     | -                      | 1                                    | 370                                                                    | $^{137}\text{Cs}$                                                                                                          |              |
| BOEUF                    | 1° trimestre 74          | TAHITI                 | 2                                    | 200                                                                    | $^{137}\text{Cs}$                                                                                                          |              |
|                          | 2° -                     | -                      | 1                                    | 200                                                                    | $^{137}\text{Cs}$                                                                                                          |              |
|                          | 3° -                     | -                      | 10                                   | 790                                                                    | $^{95}\text{Zr-Nb}$ , $^{103}\text{Ru}$ , $^{137}\text{Cs}$ ,<br>$^{140}\text{Ba-La}$ , $^{141}\text{Ce}$                  |              |
|                          | 4° -                     | -                      | 3                                    | 240                                                                    | $^{95}\text{Zr-Nb}$ , $^{103}\text{Ru}$ , $^{137}\text{Cs}$                                                                |              |

## POLYNESIE : ARCHPEL DE LA SOCIETE

| NATURE du<br>PRELEVEMENT | EPOQUE du<br>PRELEVEMENT | LIEU de<br>PRELEVEMENT | NOMBRE<br>ECHANTILLONS<br>ANALYSES | ACTIVITE $\bar{X}$<br>TOTALE<br>MOYENNE<br>40K Exclu<br>(pCi/kg Frais) | P F ou PA DETECTES                                                                                                           | OBSERVATIONS      |
|--------------------------|--------------------------|------------------------|------------------------------------|------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|-------------------|
| LANGOUSTE                | 1° trimestre 74          | TAHITI                 | 2                                  | 10                                                                     | $^{137}\text{Cs}$                                                                                                            | $^{226}\text{Ra}$ |
|                          | 2° -                     | -                      | 1                                  | < 10                                                                   |                                                                                                                              |                   |
|                          | 3° -                     | -                      | 2                                  | 460                                                                    | $^{95}\text{Zr-Nb}$ , $^{103}\text{Ru}$ , $^{140}\text{Ba-La}$ ,<br>$^{141}\text{Ce}$                                        |                   |
|                          | 4° -                     | -                      | 1                                  | 110                                                                    | $^{95}\text{Zr-Nb}$ , $^{103}\text{Ru}$                                                                                      |                   |
| POISSONS DE LAGON        | 1° trimestre 74          | TAHITI                 | 20                                 | 20                                                                     | $^{54}\text{Mn}$ , $^{137}\text{Cs}$                                                                                         | $^{226}\text{Ra}$ |
|                          | 2° -                     | -                      | 13                                 | 30                                                                     | $^{54}\text{Mn}$ , $^{60}\text{Co}$ , $^{65}\text{Zn}$ , $^{137}\text{Cs}$                                                   | $^{226}\text{Ra}$ |
|                          | 3° -                     | -                      | 25                                 | 1500                                                                   | $^{95}\text{Zr-Nb}$ , $^{103}\text{Ru}$ , $^{131}\text{I}$ ,<br>$^{137}\text{Cs}$ , $^{140}\text{Ba-La}$ , $^{141}\text{Ce}$ |                   |
|                          | 4° -                     | -                      | 22                                 | 20                                                                     | $^{54}\text{Mn}$ , $^{65}\text{Zn}$ , $^{95}\text{Zr-Nb}$ , $^{137}\text{Cs}$                                                |                   |
| POISSONS DU LARGE        | 1° trimestre 74          | TAHITI                 | 85                                 | 20                                                                     | $^{60}\text{Co}$ , $^{65}\text{Zn}$ , $^{137}\text{Cs}$                                                                      |                   |
|                          | 2° -                     | -                      | 58                                 | 20                                                                     | $^{60}\text{Co}$ , $^{65}\text{Zn}$ , $^{137}\text{Cs}$                                                                      |                   |
|                          | 3° -                     | -                      | 35                                 | 30                                                                     | $^{60}\text{Co}$ , $^{65}\text{Zn}$ , $^{137}\text{Cs}$                                                                      |                   |
|                          | 4° -                     | -                      | 41                                 | 20                                                                     | $^{60}\text{Co}$ , $^{65}\text{Zn}$ , $^{137}\text{Cs}$                                                                      |                   |

## POLYNESIE : ARCHIPEL DE LA SOCIÉTÉ

| NATURE du<br>PRÉLEVEMENT | EPOQUE du<br>PRÉLEVEMENT | LIEU de<br>PRÉLEVEMENT | NOMBRE<br>d'ÉCHANTILLON<br>ANALYSES | ACTIVITÉ $\bar{X}$<br>TOTALE<br>MOYENNE<br>40K Exclu<br>(pCi/kg Frais) | PF ou PA DETECTES                                                                                      | OBSERVATIONS |
|--------------------------|--------------------------|------------------------|-------------------------------------|------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|--------------|
| EAU DE COCO              | 1° trimestre 74          | RAIATEA                | 1                                   | 70                                                                     | $^{137}\text{Cs}$                                                                                      |              |
|                          | 2° -                     | -                      | 1                                   | 50                                                                     | $^{137}\text{Cs}$                                                                                      |              |
|                          | 3° -                     | -                      | 1                                   | 30                                                                     | $^{137}\text{Cs}$                                                                                      |              |
|                          | 4° -                     | -                      | 4                                   | 50                                                                     | $^{95}\text{Zr-Nb}$ , $^{103}\text{Ru}$ , $^{137}\text{Cs}$                                            |              |
| COPRAH                   | 1° trimestre 74          | RAIATEA                | 1                                   | 150                                                                    | $^{137}\text{Cs}$                                                                                      |              |
|                          | 2° -                     | -                      | 1                                   | 230                                                                    | $^{137}\text{Cs}$                                                                                      |              |
|                          | 3° -                     | -                      | 1                                   | 1250                                                                   | $^{95}\text{Zr-Nb}$ , $^{103}\text{Ru}$ , $^{131}\text{I}$ , $^{137}\text{Cs}$                         |              |
|                          | 4° -                     | -                      | 1                                   | 40                                                                     | $^{140}\text{Ba-La}$ , $^{141}\text{Ce}$ , $^{95}\text{Zr-Nb}$ , $^{103}\text{Ru}$ , $^{137}\text{Cs}$ |              |
| URU                      | 1° trimestre 74          | RAIATEA                | 1                                   | 20                                                                     | $^{137}\text{Cs}$                                                                                      |              |
|                          | 2° -                     | -                      | 1                                   | < 10                                                                   | $^{137}\text{Cs}$                                                                                      |              |
|                          | 4° -                     | -                      | 4                                   | 30                                                                     | $^{95}\text{Zr-Nb}$ , $^{137}\text{Cs}$                                                                |              |
|                          | 1° trimestre 74          | RAIATEA                | 1                                   | < 10                                                                   | $^{137}\text{Cs}$                                                                                      |              |
| BANANE                   | 2° -                     | -                      | 1                                   | 20                                                                     | $^{137}\text{Cs}$                                                                                      |              |
|                          | 3° -                     | -                      | 1                                   | 320                                                                    | $^{95}\text{Zr-Nb}$ , $^{103}\text{Ru}$ , $^{131}\text{I}$ , $^{137}\text{Cs}$                         |              |
|                          | 4° -                     | -                      | 3                                   | < 10                                                                   | $^{140}\text{Ba-La}$ , $^{141}\text{Ce}$ , $^{95}\text{Zr-Nb}$ , $^{137}\text{Cs}$                     |              |

## POLYNESIE : ARCHIPEL DE LA SOCIETE

| NATURE du<br>PRELEVEMENT | EPOQUE du<br>PRELEVEMENT    | LIEU de<br>PRELEVEMENT | NOMBRE<br>d'ECHANTILLON<br>ANALYSES | ACTIVITE $\gamma$<br>TOTALE<br>MOYENNE<br>40% Exclu<br>(pCi/kg Frais) | PF ou PA DETECTES                                                                                                          | OBSERVATIONS |
|--------------------------|-----------------------------|------------------------|-------------------------------------|-----------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|--------------|
| SALADE                   | 1 <sup>o</sup> trimestre 74 | RAIATEA                | 1                                   | < 10                                                                  | $^{137}\text{Cs}$                                                                                                          |              |
|                          | 2 <sup>o</sup> -            | -                      | 1                                   | < 10                                                                  | $^{137}\text{Cs}$                                                                                                          |              |
|                          | 3 <sup>o</sup> -            | -                      | 2                                   | 14300                                                                 | $^{95}\text{Zr-Nb}$ , $^{103}\text{Ru}$ , $^{131}\text{I}$ ,<br>$^{140}\text{Ba-La}$ , $^{141}\text{Ce}$                   |              |
| FAFA                     | 3 <sup>o</sup> trimestre 74 | RAIATEA                | 2                                   | 16100                                                                 | $^{95}\text{Zr-Nb}$ , $^{103}\text{Ru}$ , $^{131}\text{I}$ , $^{137}\text{Cs}$<br>$^{140}\text{Ba-La}$ , $^{141}\text{Ce}$ |              |
|                          | 4 <sup>o</sup> -            | -                      | 4                                   | 820                                                                   | $^{95}\text{Zr-Nb}$ , $^{103}\text{Ru}$ , $^{131}\text{I}$ , $^{137}\text{Cs}$<br>$^{140}\text{Ba-La}$ , $^{141}\text{Ce}$ |              |
|                          |                             |                        |                                     |                                                                       |                                                                                                                            |              |
| YARO                     | 1 <sup>o</sup> trimestre 74 | RAIATEA                | 1                                   | 110                                                                   | $^{137}\text{Cs}$                                                                                                          |              |
|                          | 2 <sup>o</sup> -            | -                      | 1                                   | < 10                                                                  | $^{137}\text{Cs}$                                                                                                          |              |
|                          | 3 <sup>o</sup> -            | -                      | 1                                   | 530                                                                   | $^{95}\text{Zr-Nb}$ , $^{103}\text{Ru}$ , $^{131}\text{I}$ , $^{137}\text{Cs}$<br>$^{140}\text{Ba-La}$ , $^{141}\text{Ce}$ |              |
|                          | 4 <sup>o</sup> -            | -                      | 4                                   | 20                                                                    | $^{137}\text{Cs}$                                                                                                          |              |

## POLYNESIE : ARCHIPEL DE LA SOCIETE

| NATURE du<br>PRELEVEMENT | EPOQUE du<br>PRELEVEMENT     | LIEU de<br>PRELEVEMENT | NOMBRE<br>ECHANTILLONS<br>ANALYSES | ACTIVITE $\bar{X}$<br>TOTALE<br>MOYENNE<br>40K Exclu<br>(pCi/kg Frais) | P F ou PA DETECTES                                                                                                           | OBSERVATIONS |
|--------------------------|------------------------------|------------------------|------------------------------------|------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|--------------|
| BENITIER                 | 1 <sup>er</sup> trimestre 74 | RAIATEA                | 1                                  | 120                                                                    | $^{54}\text{Mn}$ , $^{60}\text{Co}$ , $^{65}\text{Zn}$ , $^{95}\text{Zr-Nb}$ ,<br>$^{106}\text{Ru}$ , $^{137}\text{Cs}$      |              |
|                          | 3 <sup>o</sup>               | -                      | 1                                  | 710                                                                    | $^{95}\text{Zr-Nb}$ , $^{103}\text{Ru}$ , $^{131}\text{I}$ , $^{137}\text{Cs}$ ,<br>$^{140}\text{Ba-La}$ , $^{141}\text{Ce}$ |              |
|                          | 4 <sup>o</sup>               | -                      | 1                                  | 240                                                                    | $^{60}\text{Co}$ , $^{95}\text{Zr-Nb}$ , $^{103}\text{Ru}$ , $^{141}\text{Ce}$                                               |              |
|                          | 1 <sup>er</sup> trimestre 74 | RAIATEA                | 1                                  | 40                                                                     | $^{54}\text{Mn}$ , $^{95}\text{Zr-Nb}$ , $^{137}\text{Cs}$ , $^{65}\text{Zn}$                                                |              |
| PERROQUET                | 2 <sup>o</sup>               | -                      | 1                                  | 20                                                                     | $^{54}\text{Mn}$ , $^{60}\text{Co}$ , $^{137}\text{Cs}$                                                                      |              |
|                          | 3 <sup>o</sup>               | -                      | 1                                  | 390                                                                    | $^{95}\text{Zr-Nb}$ , $^{103}\text{Ru}$ , $^{131}\text{I}$ , $^{137}\text{Cs}$ ,<br>$^{141}\text{Ce}$                        |              |
|                          | 4 <sup>o</sup>               | -                      | 3                                  | 40                                                                     | $^{60}\text{Co}$ , $^{95}\text{Zr-Nb}$ , $^{137}\text{Cs}$                                                                   |              |
|                          | 1 <sup>er</sup> trimestre 74 | RAIATEA                | 1                                  | 40                                                                     | $^{54}\text{Mn}$ , $^{65}\text{Zn}$ , $^{137}\text{Cs}$                                                                      |              |
| CHIRURGIEN               | 2 <sup>o</sup>               | -                      | 1                                  | 30                                                                     | $^{54}\text{Mn}$ , $^{60}\text{Co}$ , $^{65}\text{Zn}$ , $^{137}\text{Cs}$                                                   |              |
|                          | 3 <sup>o</sup>               | -                      | 1                                  | 400                                                                    | $^{95}\text{Zr-Nb}$ , $^{103}\text{Ru}$ , $^{131}\text{I}$ , $^{137}\text{Cs}$ ,<br>$^{141}\text{Ce}$                        |              |
|                          | 4 <sup>o</sup>               | -                      | 4                                  | 20                                                                     | $^{103}\text{Ru}$ , $^{137}\text{Cs}$ , $^{141}\text{Ce}$                                                                    |              |

## POLYNESIE : ARCHIPEL DE LA SOCIETE

| NATURE du<br>PRELEVEMENT | EPOQUE du<br>PRELEVEMENT | LIEU de<br>PRELEVEMENT | NOMBRE<br>d'ECHANTILLONS<br>ANALYSES | ACTIVITE Y<br>TOTALE<br>MOYENNE<br>40K Exclu<br>(pCi/kg Frais) | P F ou PA DETECTES                                                                                                           | OBSERVATIONS |
|--------------------------|--------------------------|------------------------|--------------------------------------|----------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|--------------|
| POULET                   | 2° trimestre 74          | RAIATEA                | 1                                    | 30                                                             | $^{137}\text{Cs}$                                                                                                            |              |
|                          | 3° -                     | -                      | 1                                    | 450                                                            | $^{95}\text{Zr-Nb}$ , $^{103}\text{Ru}$ , $^{137}\text{Cs}$ ,<br>$^{140}\text{Ba-La}$ , $^{141}\text{Ce}$                    |              |
|                          | 4° -                     | -                      | 4                                    | 50                                                             | $^{95}\text{Zr-Nb}$ , $^{137}\text{Cs}$                                                                                      |              |
|                          | 1° trimestre 74          | RAIATEA                | 1                                    | 150                                                            | $^{137}\text{Cs}$                                                                                                            |              |
| BOEUF                    | 2° -                     | -                      | 1                                    | 2900                                                           | $^{137}\text{Cs}$                                                                                                            |              |
|                          | 3° -                     | -                      | 1                                    | 980                                                            | $^{95}\text{Zr-Nb}$ , $^{103}\text{Ru}$ , $^{131}\text{I}$ , $^{137}\text{Cs}$ ,<br>$^{140}\text{Ba-La}$ , $^{141}\text{Ce}$ |              |
|                          | 4° -                     | -                      | 2                                    | 610                                                            | $^{95}\text{Zr-Nb}$ , $^{137}\text{Cs}$                                                                                      |              |
|                          | 1° trimestre 74          | RAIATEA                | 1                                    | 40                                                             | $^{137}\text{Cs}$                                                                                                            |              |
| POISSONS DU LARGE        | 2° -                     | -                      | 1                                    | < 10                                                           |                                                                                                                              |              |
|                          | 4° -                     | -                      | 2                                    | 10                                                             | $^{137}\text{Cs}$                                                                                                            |              |

## POLYNESIE FRANCAISE (ARCHIPEL DES TUAMOTU - GAMBIER)

Autres échantillons biologiques

Année : 1974

| NATURE        | Date du prélèvement | Date de mesure $\gamma$ | rapport $\gamma$ tot. / $^{40}\text{K}$ | $^{137}\text{Cs}$<br>pCi/kg | $^{144}\text{Ce} + \text{Pr}$<br>pCi/kg | $^{141}\text{Ce}$<br>pCi/kg | $^{106}\text{Ru} + \text{Rh}$<br>pCi/kg | $^{103}\text{Ru} + \text{Rh}$<br>pCi/kg | $^{95}\text{Zr}$<br>pCi/kg | $^{95}\text{Nb}$<br>pCi/kg | $^{140}\text{La}$<br>pCi/kg | $^{140}\text{Ba}$<br>pCi/kg | $^{54}\text{Mn}$<br>pCi/kg | $^{90}\text{Sr eq.}$<br>pCi/g Ca | $\beta$ total<br>pCi/kg | $^{40}\text{K}$<br>pCi/kg | $^{90}\text{Sr eq.}$<br>pCi/kg |
|---------------|---------------------|-------------------------|-----------------------------------------|-----------------------------|-----------------------------------------|-----------------------------|-----------------------------------------|-----------------------------------------|----------------------------|----------------------------|-----------------------------|-----------------------------|----------------------------|----------------------------------|-------------------------|---------------------------|--------------------------------|
| Banane        | 14/01               | Mars                    | < 4                                     | < LD                        | < LD                                    | < LD                        | < LD                                    | < LD                                    | < LD                       | < LD                       | < LD                        | < LD                        | < LD                       | 9,8                              | 3400                    | 440                       | 4,9                            |
| Citron        | "                   | "                       | 4                                       | 172                         | "                                       | "                           | "                                       | "                                       | "                          | "                          | "                           | "                           | "                          | 5,5                              | 1700                    | 1300                      | 5,9                            |
| Coco nucifera | "                   | "                       | 6                                       | 258                         | "                                       | "                           | "                                       | "                                       | "                          | "                          | "                           | "                           | "                          | 19                               | 2000                    | 1900                      | 1,5                            |
| noix          | "                   | "                       | < 4                                     | < LD                        | "                                       | "                           | "                                       | "                                       | "                          | "                          | "                           | "                           | "                          | 5,3                              | 1900                    | 2200                      | 6,8                            |
| Citron        | 08/02               | "                       | 5                                       | 256                         | "                                       | "                           | "                                       | "                                       | "                          | "                          | "                           | "                           | "                          | 8,9                              | 3000                    | 3600                      | 1,9                            |
| Jru           | "                   | "                       | 5                                       | 192                         | "                                       | "                           | "                                       | "                                       | "                          | "                          | "                           | "                           | "                          | 2,9                              | 2500                    | 2200                      | 0,3                            |
| Coco nucifera | "                   | "                       |                                         |                             |                                         |                             |                                         |                                         |                            |                            |                             |                             |                            |                                  |                         |                           |                                |
| noix          | "                   | "                       | < 4                                     | 59                          | "                                       | "                           | "                                       | "                                       | "                          | "                          | "                           | "                           | "                          | 3,6                              | 2100                    | 2400                      | 1,5                            |
| Papaye        | "                   | "                       | 4                                       | 36                          | "                                       | "                           | "                                       | "                                       | "                          | "                          | "                           | "                           | "                          | 13                               | 3900                    | 2700                      | 5,9                            |
| Banane        | 12/03               | Mai                     | 9                                       | 393                         | "                                       | "                           | "                                       | "                                       | "                          | "                          | "                           | "                           | "                          | 9,4                              | 2550                    | 2200                      | 1,0                            |
| Coco nucifera | "                   | "                       |                                         |                             |                                         |                             |                                         |                                         |                            |                            |                             |                             |                            |                                  |                         |                           |                                |
| noix          | "                   | "                       | 4                                       | 58                          | "                                       | "                           | "                                       | "                                       | "                          | "                          | "                           | "                           | "                          | 8,6                              | 2500                    | 2300                      | 5,3                            |
| Papaye        | 16/04               | "                       | 7                                       | 258                         | "                                       | "                           | "                                       | "                                       | "                          | "                          | "                           | "                           | "                          | 14                               | 2500                    | 2200                      | 2,1                            |
| Noix de coco  | "                   | "                       | 4                                       | 76                          | "                                       | "                           | "                                       | "                                       | "                          | "                          | "                           | "                           | "                          | 5,9                              | 2700                    | 2500                      | 3,5                            |
| Papaye        | 15/05               | Jun                     | 5                                       | 135                         | "                                       | "                           | "                                       | "                                       | "                          | "                          | "                           | "                           | "                          | 20                               | 2600                    | 2300                      | 2,0                            |
| Noix de coco  | "                   | "                       | < 4                                     | < LD                        | "                                       | "                           | "                                       | "                                       | "                          | "                          | "                           | "                           | "                          | 4,2                              | 3000                    | 3300                      | 91                             |
| Poisson lagon | 06/06               | Juil                    | 6                                       | 178                         | "                                       | "                           | "                                       | "                                       | "                          | "                          | "                           | "                           | "                          | 32                               | 2500                    | 2300                      | 3,2                            |
| Noix de coco  | 12/06               | "                       |                                         |                             |                                         |                             |                                         |                                         |                            |                            |                             |                             |                            | 49                               | 1900                    | 1600                      | 3,4                            |
| Coco nucifera | 18/07               | Sept                    | 10                                      | 311                         | "                                       | "                           | 67                                      | "                                       | "                          | "                          | "                           | "                           | "                          | 29                               | 3300                    | 3000                      | 4,3                            |
| noix          | "                   | "                       | 7                                       | 234                         | "                                       | "                           | 73                                      | "                                       | "                          | "                          | "                           | "                           | "                          | 64                               | 2900                    | 2500                      | 8,0                            |
| Coco nucifera | 14/08               | "                       |                                         |                             |                                         |                             |                                         |                                         |                            |                            |                             |                             |                            | 16                               | 2650                    | 2300                      | 1,9                            |
| noix          | "                   | "                       | 8                                       | 407                         | "                                       | "                           | < LD                                    | "                                       | "                          | "                          | "                           | "                           | "                          | 5,7                              | 2500                    | 2100                      | 0,6                            |
| Coco nucifera | 05/09               | Oct                     |                                         |                             |                                         |                             |                                         |                                         |                            |                            |                             |                             |                            |                                  |                         |                           |                                |
| noix          | "                   | "                       | 6                                       | 213                         | "                                       | "                           | "                                       | "                                       | "                          | "                          | "                           | "                           | "                          |                                  |                         |                           |                                |
| Coco nucifera | 04/10               | Nov                     |                                         |                             |                                         |                             |                                         |                                         |                            |                            |                             |                             |                            |                                  |                         |                           |                                |
| noix          | "                   | "                       | 7                                       | 218                         | < LD                                    | "                           | "                                       | "                                       | "                          | "                          | "                           | "                           | "                          |                                  |                         |                           |                                |
| Coco nucifera | 02/12               | Jan                     |                                         |                             |                                         |                             |                                         |                                         |                            |                            |                             |                             |                            |                                  |                         |                           |                                |
| noix          | "                   | "                       |                                         |                             |                                         |                             |                                         |                                         |                            |                            |                             |                             |                            |                                  |                         |                           |                                |

Les échantillons prélevés de l'année 1974 ont donc été fait avant le 1er Jan qui a commencé toutes les îles de la P.F.

## POLYNESIE : ARCHipel DES TUAMOTU

| NATURE du<br>PRELEVEMENT | EPOQUE du<br>PRELEVEMENT | LIEU de<br>PRELEVEMENT | NOMBRE<br>d'ÉCHANTILLON<br>ANALYSES | ACTIVITE X<br>TOTALE<br>MOYENNE<br>40K Exclu<br>(pCi/kg Frels) | P F ou PA DETECTES | OBSERVATIONS |
|--------------------------|--------------------------|------------------------|-------------------------------------|----------------------------------------------------------------|--------------------|--------------|
| EAU DE COCO              | 1° trimestre 74          | RANGIROA               | 1                                   | 10                                                             | <sup>137</sup> Cs  |              |
|                          | 2° -                     | -                      | 1                                   | 60                                                             | <sup>137</sup> Cs  |              |
|                          | 3° -                     | -                      | 1                                   | 20                                                             | <sup>137</sup> Cs  |              |
|                          | 4° -                     | -                      | 1                                   | 30                                                             | <sup>137</sup> Cs  |              |
| COPRAH                   | 1° trimestre 74          | RANGIROA               | 1                                   | 730                                                            | <sup>137</sup> Cs  |              |
|                          | 2° -                     | -                      | 1                                   | 560                                                            | <sup>137</sup> Cs  |              |
|                          | 3° -                     | -                      | 1                                   | 210                                                            | <sup>137</sup> Cs  |              |
|                          | 4° -                     | -                      | 1                                   | 320                                                            | <sup>137</sup> Cs  |              |
| URU                      | 1° trimestre 74          | RANGIROA               | 1                                   | .70                                                            | <sup>137</sup> Cs  |              |
|                          | 2° -                     | -                      | 1                                   | 270                                                            | <sup>137</sup> Cs  |              |
|                          | 3° -                     | -                      | 1                                   | 130                                                            | <sup>137</sup> Cs  |              |
|                          | 4° -                     | -                      | 1                                   | 120                                                            | <sup>137</sup> Cs  |              |
| BANANE                   | 1° trimestre 74          | RANGIROA               | 1                                   | 30                                                             | <sup>137</sup> Cs  |              |
|                          | 2° -                     | -                      | 1                                   | 20                                                             | <sup>137</sup> Cs  |              |
|                          | 3° -                     | -                      | 1                                   | 40                                                             | <sup>137</sup> Cs  |              |
|                          | 4° -                     | -                      | 1                                   | 40                                                             | <sup>137</sup> Cs  |              |

## POLYNESIE : ARCHIPEL DES TUAMOTU : PUKA PUKA

| NATURE du<br>PRELEVEMENT | EPOQUE du<br>PRELEVEMENT | LIEU de<br>PRELEVEMENT | NOMBRE<br>d'ÉCHANTILLON<br>ANALYSES | ACTIVITE $\gamma$<br>TOTALE<br>MOYENNE<br>40K Exclu<br>(pCi/kg Frais) | P F ou PA DETECTES                                                             | OBSERVATIONS      |
|--------------------------|--------------------------|------------------------|-------------------------------------|-----------------------------------------------------------------------|--------------------------------------------------------------------------------|-------------------|
| COPRAH                   | 1° trimestre 74          | PUKA PUKA              | 1                                   | 160                                                                   | $^{137}\text{Cs}$                                                              |                   |
|                          | 2° -                     | -                      | 2                                   | 170                                                                   | $^{137}\text{Cs}$                                                              |                   |
|                          | 3° -                     | -                      | 1                                   | 380                                                                   | $^{137}\text{Cs}$                                                              |                   |
|                          | 4° -                     | -                      | 1                                   | 320                                                                   | $^{137}\text{Cs}$                                                              |                   |
| PAPAYE                   | 1° trimestre 74          | PUKA PUKA              | 1                                   | 140                                                                   | $^{137}\text{Cs}$                                                              |                   |
|                          | 2° -                     | -                      | 1                                   | 120                                                                   | $^{137}\text{Cs}$                                                              |                   |
|                          | 3° -                     | -                      | 1                                   | 40                                                                    | $^{95}\text{Zr-Nb}$ , $^{137}\text{Cs}$                                        |                   |
|                          | 4° -                     | -                      | 1                                   | 80                                                                    | $^{95}\text{Zr-Nb}$ , $^{137}\text{Cs}$                                        |                   |
| URU                      | 3° trimestre 74          | -                      | 1                                   | 65300                                                                 | $^{95}\text{Zr-Nb}$ , $^{103}\text{Ru}$ , $^{131}\text{I}$ , $^{137}\text{Cs}$ |                   |
| PERNOQUET                | 1° trimestre 74          | PUKA PUKA              | 1                                   | 10                                                                    | $^{137}\text{Cs}$                                                              |                   |
|                          | 2° -                     | -                      | 2                                   | 40                                                                    | $^{65}\text{Zn}$ , $^{95}\text{Zr-Nb}$ , $^{137}\text{Cs}$                     |                   |
|                          | 3° -                     | -                      | 1                                   | 30                                                                    | $^{95}\text{Zr-Nb}$ , $^{103}\text{Ru}$ , $^{137}\text{Cs}$                    |                   |
|                          | 4° -                     | -                      | 1                                   | < 10                                                                  |                                                                                |                   |
| CHIRURGIEN               | 1° trimestre 74          | PUKA PUKA              | 1                                   | 30                                                                    | $^{65}\text{Zn}$ , $^{137}\text{Cs}$                                           |                   |
|                          | 2° -                     | -                      | 1                                   | < 10                                                                  | $^{137}\text{Cs}$                                                              | $^{226}\text{Ra}$ |
|                          | 3° -                     | -                      | 1                                   | < 10                                                                  |                                                                                |                   |

## POLYNESIE : ARCHipel DES TUAMOTU

| NATURE du<br>PRELEVEMENT | EPOQUE du<br>PRELEVEMENT | LIEU de<br>PRELEVEMENT | NOMBRE<br>d'ECHANTILLON<br>ANALYSES | ACTIVITE $\gamma$<br>TOTALE<br>MOYENNE<br>40% Exclu<br>(pCi/kg Frais) | P F ou PA DETECTES                                                                                  | OBSERVATIONS |
|--------------------------|--------------------------|------------------------|-------------------------------------|-----------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|--------------|
| TURBO                    | 2° trimestre 74          | RANGIROA               | 1                                   | 490                                                                   | $^{95}\text{Zr-Nb}$ , $^{106}\text{Ru}$ , $^{144}\text{Ce}$                                         |              |
|                          | 3° -                     | -                      | 1                                   | 1100                                                                  | $^{95}\text{Zr-Nb}$ , $^{144}\text{Ce}$                                                             |              |
| BENITIER                 | 1° trimestre 74          | RANGIROA               | 1                                   | 80                                                                    | $^{106}\text{Ru}$                                                                                   |              |
|                          | 2° -                     | -                      | 1                                   | 220                                                                   | $^{57}\text{Co}$ , $^{60}\text{Co}$ , $^{65}\text{Zn}$ , $^{95}\text{Zr-Nb}$ ,<br>$^{106}\text{Ru}$ |              |
|                          | 3° -                     | -                      | 1                                   | 130                                                                   | $^{60}\text{Co}$ , $^{95}\text{Zr-Nb}$ , $^{106}\text{Ru}$                                          |              |
| PERROQUET                | 1° trimestre 74          | RANGIROA               | 1                                   | 30                                                                    | $^{65}\text{Zn}$ , $^{137}\text{Cs}$                                                                |              |
|                          | 2° -                     | -                      | 1                                   | 20                                                                    | $^{137}\text{Cs}$                                                                                   |              |
| CHIRURGIEN               | 1° trimestre 74          | RANGIROA               | 1                                   | 10                                                                    | $^{54}\text{Mn}$ , $^{137}\text{Cs}$                                                                |              |
|                          | 2° -                     | -                      | 1                                   | 20                                                                    | $^{137}\text{Cs}$                                                                                   |              |
|                          | 3° -                     | -                      | 1                                   | 40                                                                    | $^{95}\text{Zr-Nb}$                                                                                 |              |
|                          | 4° -                     | -                      | 1                                   | < 10                                                                  | $^{137}\text{Cs}$                                                                                   |              |
| POULET                   | 1° trimestre 74          | RANGIROA               | 1                                   | 90                                                                    | $^{137}\text{Cs}$                                                                                   |              |
|                          | 2° -                     | -                      | 1                                   | 80                                                                    | $^{137}\text{Cs}$                                                                                   |              |
|                          | 3° -                     | -                      | 1                                   | 330                                                                   | $^{103}\text{Ru}$ , $^{137}\text{Cs}$ , $^{141}\text{Ce}$                                           |              |
|                          | 4° -                     | -                      | 1                                   | 140                                                                   | $^{137}\text{Cs}$                                                                                   |              |

Rien sur la zone trinitaire

## POLYNESIE : ARCHIPEL DES TUAMOTU

| NATURE du<br>PRELEVEMENT | EPOQUE du<br>PRELEVEMENT | LIEU de<br>PRELEVEMENT | NOMBRE<br>d'ECHANTILLONS<br>ANALYSES | ACTIVITE X<br>TOTALE<br>MOYENNE<br>40K Exclu<br>(pCi/kg Frais) | P F ou PA DETECTES                                        | OBSERVATIONS |
|--------------------------|--------------------------|------------------------|--------------------------------------|----------------------------------------------------------------|-----------------------------------------------------------|--------------|
| PORC                     | 1° trimestre 74          | RANGIROA               | 1                                    | 80                                                             | <sup>137</sup> Cs                                         |              |
|                          | 2° -                     | -                      | 1                                    | 140                                                            | <sup>137</sup> Cs                                         |              |
| CHIEN                    | 1° trimestre 74          | RANGIROA               | 1                                    | 110                                                            | <sup>137</sup> Cs                                         |              |
| EAU DE COCO              | 1° trimestre 74          | MAKEMO                 | 1                                    | < 10                                                           | <sup>137</sup> Cs                                         |              |
|                          | 2° -                     | -                      | 1                                    | 10                                                             | <sup>137</sup> Cs                                         |              |
|                          | 4° -                     | -                      | 1                                    | 20                                                             | <sup>137</sup> Cs                                         |              |
| COPRAH                   | 1° trimestre 74          | MAKEMO                 | 1                                    | 190                                                            | <sup>137</sup> Cs                                         |              |
|                          | 2° -                     | -                      | 1                                    | 160                                                            | <sup>137</sup> Cs                                         |              |
|                          | 4° -                     | -                      | 1                                    | 110                                                            | <sup>137</sup> Cs                                         |              |
| URU                      | 1° trimestre 74          | MAKEMO                 | 1                                    | 160                                                            | <sup>137</sup> Cs                                         |              |
|                          | 2° -                     | -                      | 1                                    | 120                                                            | <sup>137</sup> Cs                                         |              |
|                          | 4° -                     | -                      | 1                                    | 200                                                            | <sup>137</sup> Cs                                         |              |
| TURBO                    | 2° trimestre 74          | MAKEMO                 | 1                                    | 320                                                            | <sup>95</sup> Zr-Nb, <sup>106</sup> Ru, <sup>144</sup> Ce |              |
|                          | 4° -                     | -                      | 1                                    | 1700                                                           | <sup>95</sup> Zr-Nb, <sup>103</sup> Ru, <sup>141</sup> Ce |              |

Obs: aucun prélèvement n'a été fait pendant le troisième trimestre quand des déséquilibres généraux importants ont été constatés

## POLYNESIE : ARCHipel DES TUAMOTU

| NATURE du<br>PRELEVEMENT | EPOQUE du<br>PRELEVEMENT | LIEU de<br>PRELEVEMENT | NOMBRE<br>d'ECHANTILLONS<br>ANALYSES | ACTIVITE $\gamma$<br>TOTALE<br>MOYENNE<br>40% Exclu<br>(pCi/kg Frais) | P F ou PA DETECTES                                                            | OBSERVATIONS |
|--------------------------|--------------------------|------------------------|--------------------------------------|-----------------------------------------------------------------------|-------------------------------------------------------------------------------|--------------|
| BENITIER                 | 1° trimestre 74          | MAKEMO                 | 1                                    | 60                                                                    | $^{60}\text{Co}$                                                              |              |
|                          | 2° -                     | -                      | 1                                    | 130                                                                   | $^{57}\text{Co}$ , $^{60}\text{Co}$ , $^{106}\text{Ru}$                       |              |
|                          | 4° -                     | -                      | 1                                    | 170                                                                   | $^{95}\text{Zr-Nb}$ , $^{103}\text{Ru}$                                       |              |
| PERROQUET                | 1° trimestre 74          | MAKEMO                 | 1                                    | 80                                                                    | $^{60}\text{Co}$ , $^{65}\text{Zn}$ , $^{95}\text{Zr-Nb}$ , $^{137}\text{Cs}$ |              |
|                          | 2° -                     | -                      | 1                                    | 30                                                                    | $^{137}\text{Cs}$                                                             |              |
|                          | 4° -                     | -                      | 1                                    | 10                                                                    | $^{137}\text{Cs}$                                                             |              |
| NEROU                    | 1° trimestre 74          | MAKEMO                 | 1                                    | 50                                                                    | $^{60}\text{Co}$ , $^{65}\text{Zn}$ , $^{95}\text{Zr-Nb}$ , $^{137}\text{Cs}$ |              |
|                          | 2° -                     | -                      | 1                                    | 40                                                                    | $^{60}\text{Co}$ , $^{137}\text{Cs}$                                          |              |
|                          | 4° -                     | -                      | 1                                    | 20                                                                    | $^{137}\text{Cs}$                                                             |              |
| POULET                   | 4° trimestre 74          | MAKEMO                 | 1                                    | 90                                                                    | $^{95}\text{Zr-Nb}$ , $^{137}\text{Cs}$                                       |              |
| EAU DE COCO              | 1° trimestre 74          | PUKA PUKA              | 1                                    | 30                                                                    | $^{137}\text{Cs}$                                                             |              |
|                          | 2° -                     | -                      | 2                                    | 70                                                                    | $^{137}\text{Cs}$                                                             |              |
|                          | 3° -                     | -                      | 1                                    | 190                                                                   | $^{137}\text{Cs}$                                                             |              |
|                          | 4° -                     | -                      | 1                                    | 170                                                                   | $^{137}\text{Cs}$                                                             |              |

de n° 100, les prélèvements en la région de Makemou

## POLYNESIE : ARCHipel DES TUAMOTU

| NATURE<br>PRELEVEMENT | EPOQUE du<br>PRELEVEMENT    | LIEU de<br>PRELEVEMENT | NOMBRE<br>L'ECHANTILLON<br>ANALYSES | ACTIVITE X<br>TOTALE<br>MOYENNE<br>40K Excl <sup>10</sup><br>(pCi/kg Frais) | P F ou PA DETECTES                     | OBSERVATIONS |
|-----------------------|-----------------------------|------------------------|-------------------------------------|-----------------------------------------------------------------------------|----------------------------------------|--------------|
| POULET                | 1 <sup>o</sup> trimestre 74 | PUKA PUKA              | 1                                   | 160                                                                         | <sup>137</sup> Cs                      |              |
|                       | 2 <sup>o</sup> -            | -                      | 1                                   | 120                                                                         | <sup>95</sup> Zr-Nb, <sup>137</sup> Cs |              |
|                       | 3 <sup>o</sup> -            | -                      | 1                                   | 130                                                                         | <sup>95</sup> Zr-Nb, <sup>137</sup> Cs |              |
|                       | 4 <sup>o</sup> -            | -                      | 1                                   | 80                                                                          | <sup>137</sup> Cs                      |              |
| POISSONS DU LARGE     | 2 <sup>o</sup> trimestre 74 | TUAMOTU OUEST          | 7                                   | 30                                                                          | <sup>137</sup> Cs                      |              |
|                       | 4 <sup>o</sup> -            | -                      | 1                                   | 10                                                                          | <sup>137</sup> Cs                      |              |

## POLYNESIE FRANCAISE (ARCHIPEL DES MARQUISES)

Année : 1974

Autres échantillons biologiques

| NATURE           | Date du prélèvement | Date de mesure | rapport $\gamma$ tot. / $^{40}\text{K}$ | $^{137}\text{Cs}$<br>pCi/kg | $^{144}\text{Ce} + \text{Pr}$<br>pCi/kg | $^{141}\text{Ce}$<br>pCi/kg | $^{106}\text{Ru} + \text{Rh}$<br>pCi/kg | $^{103}\text{Ru} + \text{Rh}$<br>pCi/kg | $^{95}\text{Zr}$<br>pCi/kg | $^{95}\text{Nb}$<br>pCi/kg | $^{140}\text{La}$<br>pCi/kg | $^{140}\text{Ba}$<br>pCi/kg | $^{54}\text{Mn}$<br>pCi/kg | $^{90}\text{Sr eq.}$<br>pCi/g Ca | $\beta$ total<br>pCi/kg | $^{40}\text{K}$<br>pCi/kg | $^{90}\text{Sr eq.}$<br>pCi/kg |
|------------------|---------------------|----------------|-----------------------------------------|-----------------------------|-----------------------------------------|-----------------------------|-----------------------------------------|-----------------------------------------|----------------------------|----------------------------|-----------------------------|-----------------------------|----------------------------|----------------------------------|-------------------------|---------------------------|--------------------------------|
| Poisson de lagon | 04/10               | nov.           | 4                                       | <LD                         | 684                                     | <LD                         | <LD                                     | <LD                                     | <LD                        | <LD                        | <LD                         | <LD                         | <LD                        | 1,9                              | 3000                    | 2900                      | 54                             |
| Papaye           | "                   | "              | 4                                       | "                           | 105                                     | "                           | "                                       | "                                       | "                          | "                          | "                           | "                           | "                          | 26                               | 2800                    | 2600                      | 6,3                            |
| Caro             | "                   | "              | 4                                       | "                           | <LD                                     | "                           | "                                       | "                                       | "                          | "                          | "                           | "                           | "                          | 32                               | 5400                    | 5600                      | 33                             |
| Banane           | "                   | "              | 4                                       | "                           | 321                                     | "                           | "                                       | "                                       | "                          | "                          | "                           | "                           | "                          | 34                               | 4700                    | 4500                      | 5,1                            |
| Néel             | "                   | "              | 4                                       | "                           | <LD                                     | "                           | "                                       | "                                       | "                          | "                          | "                           | "                           | "                          | 92                               | 5000                    | 5300                      | 46                             |
| Manioc           | "                   | "              | <4                                      | "                           | "                                       | "                           | "                                       | "                                       | "                          | "                          | "                           | "                           | "                          | 14                               | 2200                    | 3200                      | 4,6                            |
| Mangue           | "                   | "              | 4                                       | "                           | 129                                     | "                           | "                                       | "                                       | "                          | "                          | "                           | "                           | "                          | 15                               | 2800                    | 1900                      | 3,0                            |
| Ananas           | "                   | "              | 5                                       | "                           | <LD                                     | "                           | 170                                     | "                                       | 75                         | "                          | "                           | "                           | "                          | 93                               | 2300                    | 2400                      | 34                             |
| Orange           | "                   | "              | 5                                       | "                           | "                                       | "                           | <LD                                     | "                                       | <LD                        | "                          | "                           | "                           | "                          | 24                               | 2500                    | 2200                      | 27                             |
| Corossol         | "                   | "              | 4                                       | "                           | "                                       | "                           | "                                       | "                                       | "                          | "                          | "                           | "                           | "                          | 29                               | 2800                    | 2900                      | 8,3                            |
| Coeur de boeuf   | "                   | "              | 4                                       | "                           | 316                                     | "                           | "                                       | "                                       | "                          | "                          | "                           | "                           | "                          | 5,4                              | 5400                    | 5700                      | 5,5                            |
| Caranbole        | "                   | "              | 5                                       | "                           | 322                                     | "                           | "                                       | "                                       | "                          | "                          | "                           | "                           | "                          | 90                               | 1200                    | 1300                      | 4,0                            |
| Foie de viande   | "                   | "              | 4                                       | 36                          | <LD                                     | "                           | "                                       | "                                       | "                          | "                          | "                           | "                           | "                          | 124                              | 3100                    | 2800                      | 6,4                            |
| Citron           | "                   | "              | 4                                       | <LD                         | "                                       | "                           | "                                       | "                                       | "                          | "                          | "                           | "                           | "                          | 52                               | 4000                    | 5000                      | 28                             |
| Pamplemousse     | "                   | "              | 4                                       | "                           | 82                                      | "                           | "                                       | "                                       | "                          | "                          | "                           | "                           | "                          | 13                               | 1900                    | 1500                      | 7,3                            |
| Uru              | "                   | "              | <4                                      | "                           | <LD                                     | "                           | "                                       | "                                       | "                          | "                          | "                           | "                           | "                          | 23                               | 3200                    | 2850                      | 10                             |

## POLYNESIE : ARCHIPEL DES MARQUISES

| NATURE du<br>PRELEVEMENT | EPOQUE du<br>PRELEVEMENT    | LIEU de<br>PRELEVEMENT | NOMBRE<br>d'ECHANTILLON<br>ANALYSES | ACTIVITE $\bar{X}$<br>TOTALE<br>MOYENNE<br>$^{40}\text{K}$ Exclu<br>(pCi/kg Frais) | P F ou PA DETECTES | OBSERVATIONS |
|--------------------------|-----------------------------|------------------------|-------------------------------------|------------------------------------------------------------------------------------|--------------------|--------------|
| EAU DE COCO              | 1 <sup>o</sup> trimestre 74 | HIVA OA                | 1                                   | < 10                                                                               | $^{137}\text{Cs}$  |              |
|                          | 2 <sup>o</sup> -            | -                      | 1                                   | < 10                                                                               | $^{137}\text{Cs}$  |              |
|                          | 3 <sup>o</sup> -            | -                      | 1                                   | < 10                                                                               | $^{137}\text{Cs}$  |              |
|                          | 4 <sup>o</sup> -            | -                      | 1                                   | < 10                                                                               |                    |              |
| COPRAH                   | 1 <sup>o</sup> trimestre 74 | HIVA OA                | 1                                   | < 10                                                                               | $^{137}\text{Cs}$  |              |
|                          | 2 <sup>o</sup> -            | -                      | 1                                   | < 10                                                                               | $^{137}\text{Cs}$  |              |
|                          | 3 <sup>o</sup> -            | -                      | 1                                   | < 10                                                                               |                    |              |
|                          | 4 <sup>o</sup> -            | -                      | 1                                   | 60                                                                                 | $^{137}\text{Cs}$  |              |
| UFU                      | 1 <sup>o</sup> trimestre 74 | HIVA OA                | 1                                   | < 10                                                                               | $^{137}\text{Cs}$  |              |
|                          | 2 <sup>o</sup> -            | -                      | 1                                   | < 10                                                                               | $^{137}\text{Cs}$  |              |
|                          | 3 <sup>o</sup> -            | -                      | 1                                   | < 10                                                                               | $^{137}\text{Cs}$  |              |
|                          | 4 <sup>o</sup> -            | -                      | 1                                   | < 10                                                                               | $^{137}\text{Cs}$  |              |
| BANANE                   | 1 <sup>o</sup> trimestre 74 | HIVA OA                | 1                                   | < 10                                                                               | $^{137}\text{Cs}$  |              |
|                          | 2 <sup>o</sup> -            | -                      | 1                                   | < 10                                                                               |                    |              |
|                          | 3 <sup>o</sup> -            | -                      | 1                                   | 10                                                                                 | $^{137}\text{Cs}$  |              |
|                          | 4 <sup>o</sup> -            | -                      | 1                                   | 10                                                                                 | $^{137}\text{Cs}$  |              |

## POLYNESIE : ARCHIPEL DES MARQUISES

| NATURE du<br>PRELEVEMENT | EPOQUE du<br>PRELEVEMENT | LIEU de<br>PRELEVEMENT | NOMBRE<br>D'ECCHANTILLON<br>ANALYSES | ACTIVITE $\Sigma$<br>TOTALE<br>MOYENNE<br>40% Exclu<br>(pCi/kg Frais) | P F ou PA DETECTES                                          | OBSERVATIONS      |
|--------------------------|--------------------------|------------------------|--------------------------------------|-----------------------------------------------------------------------|-------------------------------------------------------------|-------------------|
| FAFA                     | 1° trimestre 74          | HIVA OA                | 1                                    | < 10                                                                  |                                                             | $^7\text{Be}$     |
|                          | 2° -                     | -                      | 1                                    | < 10                                                                  | $^{95}\text{Zr-Nb}$ , $^{137}\text{Cs}$                     |                   |
|                          | 3° -                     | -                      | 1                                    | 2300                                                                  | $^{95}\text{Zr-Nb}$ , $^{103}\text{Ru}$ , $^{141}\text{Ce}$ |                   |
|                          | 4° -                     | -                      | 1                                    | 950                                                                   | $^{95}\text{Zr-Nb}$ , $^{103}\text{Ru}$ , $^{141}\text{Ce}$ |                   |
| TARO                     | 2° trimestre 74          | HIVA OA                | 1                                    | < 10                                                                  | $^{137}\text{Cs}$                                           |                   |
|                          | 3° -                     | -                      | 1                                    | < 10                                                                  |                                                             |                   |
|                          | 4° -                     | -                      | 1                                    | < 10                                                                  | $^{137}\text{Cs}$                                           |                   |
| PERROQUET                | 2° trimestre 74          | HIVA OA                | 1                                    | 20                                                                    | $^{60}\text{Co}$ , $^{137}\text{Cs}$                        | $^{226}\text{Ra}$ |
|                          | 3° -                     | -                      | 1                                    | < 10                                                                  |                                                             |                   |
|                          | 4° -                     | -                      | 1                                    | 20                                                                    | $^{137}\text{Cs}$                                           |                   |
| CHIRURGIEN               | 2° trimestre 74          | HIVA OA                | 1                                    | 10                                                                    | $^{95}\text{Zr-Nb}$ , $^{137}\text{Cs}$                     | $^{226}\text{Ra}$ |
|                          | 3° -                     | -                      | 1                                    | 20                                                                    | $^{137}\text{Cs}$                                           |                   |
|                          | 4° -                     | -                      | 1                                    | < 10                                                                  |                                                             |                   |
| POULET                   | 1° trimestre 74          | HIVA OA                | 1                                    | < 10                                                                  | $^{137}\text{Cs}$                                           |                   |
|                          | 3° -                     | -                      | 1                                    | 40                                                                    | $^{95}\text{Zr-Nb}$ , $^{103}\text{Ru}$                     |                   |
|                          | 4° -                     | -                      | 1                                    | < 10                                                                  | $^{137}\text{Cs}$                                           |                   |

## POLYNESIE : ARCHIPEL DES MARQUISES.

| NATURE du<br>PRELEVEMENT | EPOQUE du<br>PRELEVEMENT    | LIEU de<br>PRELEVEMENT | NOMBRE<br>d'ECHANTILLON<br>ANALYSES | ACTIVITE $\bar{X}$<br>TOTALE<br>MOYENNE<br>40% Exclu<br>(pCi/kg Frais) | P F ou PA DETECTES                                          | OBSERVATIONS |
|--------------------------|-----------------------------|------------------------|-------------------------------------|------------------------------------------------------------------------|-------------------------------------------------------------|--------------|
| CHIEVRE                  | 1 <sup>o</sup> trimestre 74 | HIVA OA                | 1                                   | < 10                                                                   | $^{137}\text{Cs}$                                           |              |
|                          | 2 <sup>o</sup> -            | -                      | 1                                   | < 10                                                                   | $^{137}\text{Cs}$                                           |              |
|                          | 3 <sup>o</sup> -            | -                      | 1                                   | 80                                                                     | $^{95}\text{Zr-Nb}$ , $^{103}\text{Ru}$ , $^{137}\text{Cs}$ |              |
| BOEUF                    | 2 <sup>o</sup> trimestre 74 | HIVA OA                | 1                                   | 240                                                                    | $^{137}\text{Cs}$                                           |              |
|                          | 3 <sup>o</sup> -            | -                      | 1                                   | 140                                                                    | $^{95}\text{Zr-Nb}$ , $^{137}\text{Cs}$                     |              |
|                          | 4 <sup>o</sup> -            | -                      | 1                                   | 570                                                                    | $^{137}\text{Cs}$                                           |              |
| POISSONS DU LARGE        | 1 <sup>o</sup> trimestre 74 | MARQUISES              | 1                                   | 10                                                                     | $^{137}\text{Cs}$                                           |              |
|                          | 2 <sup>o</sup> -            | -                      | 1                                   | 20                                                                     | $^{137}\text{Cs}$                                           |              |
|                          | 3 <sup>o</sup> -            | -                      | 1                                   | 10                                                                     | $^{137}\text{Cs}$                                           |              |

## POLYNESIE : ARCHIPEL DES AUSTRALES

| NATURE du<br>PRELEVEMENT | EPOQUE du<br>PRELEVEMENT | LIEU de<br>PRELEVEMENT | NOMBRE<br>ECHANTILLON<br>ANALYSES | ACTIVITE $\gamma$<br>TOTALE<br>MOYENNE<br>40% Exclu<br>(pCi/kg Frais) | P F ou PA DETECTES                      | OBSERVATIONS |
|--------------------------|--------------------------|------------------------|-----------------------------------|-----------------------------------------------------------------------|-----------------------------------------|--------------|
| EAU DE COCO              | 1° trimestre 74          | TUBUAI                 | 1                                 | 50                                                                    | $^{137}\text{Cs}$                       |              |
|                          | 2° -                     | -                      | 1                                 | 60                                                                    | $^{137}\text{Cs}$                       |              |
|                          | 3° -                     | -                      | 1                                 | 90                                                                    | $^{137}\text{Cs}$                       |              |
|                          | 4° -                     | -                      | 1                                 | 60                                                                    | $^{137}\text{Cs}$                       |              |
| COPRAH                   | 1° trimestre 74          | TUBUAI                 | 1                                 | 540                                                                   | $^{137}\text{Cs}$                       |              |
|                          | 2° -                     | -                      | 1                                 | 140                                                                   | $^{137}\text{Cs}$                       |              |
|                          | 3° -                     | -                      | 1                                 | 80                                                                    | $^{137}\text{Cs}$                       |              |
|                          | 4° -                     | -                      | 1                                 | 230                                                                   | $^{137}\text{Cs}$                       |              |
| PAPAYE                   | 1° trimestre 74          | TUBUAI                 | 1                                 | 50                                                                    | $^{137}\text{Cs}$                       |              |
|                          | 2° -                     | -                      | 1                                 | 70                                                                    | $^{137}\text{Cs}$                       |              |
|                          | 3° -                     | -                      | 1                                 | 100                                                                   | $^{95}\text{Zr-Nb}$ , $^{137}\text{Cs}$ |              |
| URU                      | 4° trimestre 74          | TUBUAI                 | 1                                 | 10                                                                    | $^{137}\text{Cs}$                       |              |
| BANANE                   | 1° trimestre 74          | TUBUAI                 | 1                                 | < 10                                                                  | $^{137}\text{Cs}$                       |              |
|                          | 2° -                     | -                      | 1                                 | < 10                                                                  | $^{137}\text{Cs}$                       |              |
|                          | 3° -                     | -                      | 1                                 | 100                                                                   | $^{137}\text{Cs}$                       |              |
|                          | 4° -                     | -                      | 1                                 | 20                                                                    | $^{137}\text{Cs}$                       |              |

## POLYNESIE : ARCHipel DES AUSTRales

| NATURE du<br>PRELEVEMENT | EPOQUE du<br>PRELEVEMENT | LIEU de<br>PRELEVEMENT | NOMBRE<br>d'ECHANTILLON<br>ANALYSES | ACTIVITE $\bar{X}$<br>TOTALE<br>MOYENNE<br>40% Exclu<br>(pCi/kg Frais) | P F ou PA DETECTES                                                                               | OBSERVATIONS |
|--------------------------|--------------------------|------------------------|-------------------------------------|------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|--------------|
| TONATE                   | 3° trimestre 74          | TUBUAI                 | 1                                   | 20                                                                     | $^{95}\text{Zr-Nb}$ , $^{137}\text{Cs}$                                                          |              |
| FAFA                     | 1° trimestre 74          | TUBUAI                 | 1                                   | 280                                                                    | $^{137}\text{Cs}$                                                                                |              |
|                          | 2° -                     | -                      | 1                                   | 260                                                                    | $^{137}\text{Cs}$                                                                                |              |
|                          | 3° -                     | -                      | 1                                   | 200                                                                    | $^{95}\text{Zr-Nb}$ , $^{103}\text{Ru}$ , $^{137}\text{Cs}$                                      |              |
|                          | 4° trimestre 74          | TUBUAI                 | 1                                   | 90                                                                     | $^{95}\text{Zr-Nb}$ , $^{137}\text{Cs}$                                                          |              |
| TARO                     | 1° trimestre 74          | TUBUAI                 | 1                                   | 150                                                                    | $^{137}\text{Cs}$                                                                                |              |
|                          | 2° -                     | -                      | 1                                   | 280                                                                    | $^{137}\text{Cs}$                                                                                |              |
|                          | 3° -                     | -                      | 1                                   | 190                                                                    | $^{137}\text{Cs}$                                                                                |              |
|                          | 4° -                     | -                      | 1                                   | 20                                                                     | $^{137}\text{Cs}$                                                                                |              |
| BENITIER                 | 1° trimestre 74          | TUBUAI                 | 1                                   | 160                                                                    | $^{54}\text{Mn}$ , $^{60}\text{Co}$ , $^{65}\text{Zn}$ , $^{95}\text{Zr-Nb}$ , $^{106}\text{Ru}$ |              |
|                          | 2° -                     | -                      | 1                                   | 50                                                                     | $^{54}\text{Mn}$ , $^{57}\text{Co}$ , $^{60}\text{Co}$                                           |              |
|                          | 3° -                     | -                      | 1                                   | 90                                                                     | $^{95}\text{Zr-Nb}$ , $^{103}\text{Ru}$ , $^{137}\text{Cs}$                                      |              |
|                          | 4° -                     | -                      | 1                                   | 130                                                                    | $^{60}\text{Co}$ , $^{95}\text{Zr-Nb}$ , $^{103}\text{Ru}$                                       |              |

## POLYNESIE : ARCHIPEL DES AUSTRALES

| NATURE du<br>PRELEVEMENT | EPOQUE du<br>PRELEVEMENT     | LIEU de<br>PRELEVEMENT | NOMBRE<br>d'ECHANTILLONS<br>ANALYSES | ACTIVITE $\chi$<br>TOTALE<br>MOYENNE<br>40% Exclu<br>(pCi/kg Frais) | PF ou PA DETECTES                                                                  | OBSERVATIONS |
|--------------------------|------------------------------|------------------------|--------------------------------------|---------------------------------------------------------------------|------------------------------------------------------------------------------------|--------------|
| PERROQUET                | 1 <sup>er</sup> trimestre 74 | TUBUAI                 | 1                                    | 20                                                                  | $^{54}\text{Mn}$ , $^{137}\text{Cs}$                                               |              |
|                          | 2 <sup>o</sup> -             | -                      | 1                                    | 70                                                                  | $^{137}\text{Cs}$                                                                  |              |
|                          | 4 <sup>o</sup> -             | -                      | 1                                    | 20                                                                  | $^{60}\text{Co}$ , $^{137}\text{Cs}$                                               |              |
| CHIRURGIC                | 1 <sup>er</sup> trimestre 74 | TUBUAI                 | 1                                    | 30                                                                  | $^{60}\text{Co}$ , $^{65}\text{Zn}$ , $^{137}\text{Cs}$                            |              |
|                          | 3 <sup>o</sup> -             | -                      | 1                                    | 10                                                                  | $^{137}\text{Cs}$                                                                  |              |
|                          | 4 <sup>o</sup> -             | -                      | 1                                    | 30                                                                  | $^{95}\text{Zr-Nb}$ , $^{137}\text{Cs}$                                            |              |
| POULET                   | 1 <sup>er</sup> trimestre 74 | TUBUAI                 | 1                                    | 60                                                                  | $^{137}\text{Cs}$                                                                  |              |
|                          | 2 <sup>o</sup> -             | -                      | 1                                    | 110                                                                 | $^{65}\text{Zn}$ , $^{137}\text{Cs}$                                               |              |
|                          | 3 <sup>o</sup> -             | -                      | 1                                    | 540                                                                 | $^{95}\text{Zr-Nb}$ , $^{103}\text{Ru}$ , $^{137}\text{Cs}$ ,<br>$^{141}\text{Ce}$ |              |
|                          | 4 <sup>o</sup> -             | -                      | 1                                    | 110                                                                 | $^{137}\text{Cs}$                                                                  |              |
| BOEUF                    | 1 <sup>er</sup> trimestre 74 | TUBUAI                 | 1                                    | 390                                                                 | $^{137}\text{Cs}$                                                                  |              |
|                          | 3 <sup>o</sup> -             | -                      | 4                                    | 160                                                                 | $^{95}\text{Zr-Nb}$ , $^{103}\text{Ru}$ , $^{137}\text{Cs}$                        |              |
|                          | 4 <sup>o</sup> -             | -                      | 1                                    | 250                                                                 | $^{137}\text{Cs}$                                                                  |              |

## POLYNESIE : ARCHIPEL DES AUSTRALES

| NATURE du<br>PRELEVEMENT | EPOQUE du<br>PRELEVEMENT | LIEU de<br>PRELEVEMENT | NOMBRE<br>d'ÉCHANTILLON<br>ANALYSES | ACTIVITE $\bar{X}$<br>TOTALE<br>MOYENNE<br>40K Exclu<br>(pCi/kg Frais) | P F ou PA DETECTES                                                                    | OBSERVATIONS |
|--------------------------|--------------------------|------------------------|-------------------------------------|------------------------------------------------------------------------|---------------------------------------------------------------------------------------|--------------|
| FAFA                     | 1° trimestre 74          | RAPA                   | 1                                   | 30                                                                     | $^{137}\text{Cs}$                                                                     |              |
|                          | 2° -                     | -                      | 1                                   | < 10                                                                   | $^{137}\text{Cs}$                                                                     |              |
|                          | 3° -                     | -                      | 1                                   | 1700                                                                   | $^{95}\text{Zr-Nb}$ , $^{103}\text{Ru}$ , $^{140}\text{Ba-La}$ ,<br>$^{141}\text{Ce}$ |              |
|                          | 4° -                     | -                      | 1                                   | 240                                                                    | $^{95}\text{Zr-Nb}$ , $^{103}\text{Ru}$ , $^{141}\text{Ce}$                           |              |
| TARO                     | 1° trimestre 74          | RAPA                   | 1                                   | 220                                                                    | $^{137}\text{Cs}$                                                                     |              |
|                          | 2° -                     | -                      | 1                                   | 100                                                                    | $^{137}\text{Cs}$                                                                     |              |
|                          | 3° -                     | -                      | 1                                   | 50                                                                     | $^{137}\text{Cs}$                                                                     |              |
|                          | 4° -                     | -                      | 1                                   | 10                                                                     | $^{137}\text{Cs}$                                                                     |              |
| PFRROQUET                | 1° trimestre 74          | RAPA                   | 1                                   | 20                                                                     | $^{60}\text{Co}$ , $^{137}\text{Cs}$                                                  |              |
|                          | 2° -                     | -                      | 1                                   | 10                                                                     | $^{60}\text{Co}$ , $^{95}\text{Zr-Nb}$                                                |              |
|                          | 3° -                     | -                      | 1                                   | < 10                                                                   |                                                                                       |              |
|                          | 4° -                     | -                      | 1                                   | 20                                                                     | $^{137}\text{Cs}$                                                                     |              |
| MEROU                    | 1° trimestre 74          | RAPA                   | 1                                   | 40                                                                     | $^{65}\text{Zn}$ , $^{137}\text{Cs}$                                                  |              |
|                          | 2° -                     | -                      | 1                                   | 20                                                                     | $^{65}\text{Zn}$ , $^{137}\text{Cs}$                                                  |              |
|                          | 3° -                     | -                      | 1                                   | 70                                                                     | $^{103}\text{Ru}$ , $^{137}\text{Cs}$                                                 |              |
|                          | 4° -                     | -                      | 1                                   | 10                                                                     | $^{137}\text{Cs}$                                                                     |              |

## POLYNESIE : ARCHipel DES AUSTRales

| NATURE du<br>PRELEVEMENT | EPOQUE du<br>PRELEVEMENT | LIEU de<br>PRELEVEMENT | NOMBRE<br>d'ÉCHANTILLON<br>ANALYSES | ACTIVITE X<br>TOIALE<br>MOYENNE<br>40K Exclu<br>(pCi/kg Frais) | P F ou PA DETECTES                                                              | OBSERVATIONS |
|--------------------------|--------------------------|------------------------|-------------------------------------|----------------------------------------------------------------|---------------------------------------------------------------------------------|--------------|
| LANGOUSTE                | 1° trimes/re 74          | RAPA                   | 1                                   | < 10                                                           |                                                                                 |              |
|                          | 3° -                     | -                      | 1                                   | < 10                                                           |                                                                                 |              |
|                          | 4° -                     | -                      | 1                                   | 20                                                             | <sup>137</sup> Cs                                                               |              |
|                          |                          |                        |                                     |                                                                |                                                                                 |              |
| CHEVRE                   | 1° trimestre 74          | RAPA                   | 1                                   | 30                                                             | <sup>137</sup> Cs                                                               |              |
|                          | 2° -                     | -                      | 1                                   | 60                                                             | <sup>137</sup> Cs                                                               |              |
|                          | 3° -                     | -                      | 1                                   | 250                                                            | <sup>95</sup> Zr-Nb, <sup>103</sup> Ru, <sup>137</sup> Cs,<br><sup>141</sup> Ce |              |
|                          | 4° -                     | -                      | 1                                   | 270                                                            | <sup>95</sup> Zr-Nb, <sup>137</sup> Cs                                          |              |
| POEUF                    | 1° trimestre 74          | RAPA                   | 1                                   | 180                                                            | <sup>137</sup> Cs                                                               |              |
|                          | 2° -                     | -                      | 1                                   | 90                                                             | <sup>137</sup> Cs                                                               |              |
|                          | 3° -                     | -                      | 1                                   | 90                                                             | <sup>95</sup> Zr-Nb, <sup>137</sup> Cs                                          |              |
|                          | 4° -                     | -                      | 1                                   | 50                                                             | <sup>137</sup> Cs                                                               |              |
| POISSONS DU LARGE        | 2° trimestre 74          | AUSTRales              | 6                                   | 20                                                             | <sup>65</sup> Zn, <sup>137</sup> Cs                                             |              |

LA REUNION (S<sup>t</sup> DENIS)

lait

Année 1974

| Date<br>prélèvement | Date de<br>mesure $\gamma$ | $r = \frac{\gamma_{\text{total}}}{40K}$ | $^{131}\text{I}$<br>(pCi/litre) | $^{90}\text{Sr}$<br>(pCi/litre) | $^{137}\text{Cs}$<br>(pCi/litre) |
|---------------------|----------------------------|-----------------------------------------|---------------------------------|---------------------------------|----------------------------------|
| Janvier             | 11/02                      | 7                                       | non détecté                     | 4,5                             | < LD                             |
| Février             | 06/03                      | 5                                       | "                               | ≤ 1,0                           | "                                |
| Mars                | 03/04                      | < 4                                     | "                               | 3,0                             | "                                |
| Avril               | 07/05                      | < 4                                     | "                               | ≤ 1,0                           | "                                |
| Mai                 | 05/06                      | < 4                                     | "                               | < 1,0                           | "                                |
| Juin                | 02/07                      | < 4                                     | "                               | 1,6                             | "                                |
| Juillet             | 06/08                      | 5                                       | "                               | < 1                             | "                                |
| Août                | 03/09                      | 6                                       | "                               | 4,5                             | "                                |
| Septembre           | 05/10                      | 5                                       | "                               | 3,3                             | "                                |
| Octobre             | 06/11                      | 5                                       | "                               | 4,4                             | "                                |
| Novembre            | 09/12                      | 6                                       | "                               | 2,9                             | "                                |
| Décembre            | 3/1/75                     | 6                                       | "                               | 1,5                             | "                                |

LA. REUNION (S<sup>t</sup> DENTIS)

Année : 1974

Autres échantillons biologiques

| NATURE         | Date du prélèvement | Date de mesure | Y tot. / 40 K | <sup>137</sup> Cs pCi/kg | <sup>144</sup> Ce + <sup>Pr</sup> pCi/kg | <sup>141</sup> Ce pCi/kg | <sup>106</sup> Ru + <sup>Rh</sup> pCi/kg | <sup>103</sup> Ru + <sup>Rh</sup> pCi/kg | <sup>95</sup> Zr pCi/kg | <sup>95</sup> Nb pCi/kg | <sup>140</sup> La pCi/kg | <sup>140</sup> Ba pCi/kg | <sup>54</sup> Mn pCi/kg | <sup>90</sup> Sr eq. pCi/g Cs | β total pCi/kg | <sup>40</sup> K pCi/kg | <sup>90</sup> Sr, eq. pCi/kg |
|----------------|---------------------|----------------|---------------|--------------------------|------------------------------------------|--------------------------|------------------------------------------|------------------------------------------|-------------------------|-------------------------|--------------------------|--------------------------|-------------------------|-------------------------------|----------------|------------------------|------------------------------|
| Chouchou       | 30/01               | 13/02          | <4            | <ID                      | <ID                                      | <ID                      | <ID                                      | <ID                                      | <ID                     | <ID                     | <ID                      | <ID                      | <ID                     | 8,0                           | 1700           | 1700                   | 1,0                          |
| Pomme de terre | "                   | "              | <4            | 32                       | "                                        | "                        | "                                        | "                                        | "                       | "                       | "                        | "                        | "                       | 19                            | 3700           | 3700                   | 0,6                          |
| Ananas         | "                   | "              | 5             | 92                       | "                                        | "                        | "                                        | "                                        | "                       | "                       | "                        | "                        | "                       | 53                            | 1100           | 1400                   | 3,8                          |
| Poisson        | "                   | "              | 4             | <ID                      | "                                        | "                        | "                                        | "                                        | "                       | "                       | "                        | "                        | "                       | 1,2                           | 3000           | 2600                   | 15                           |
| Chouchou       | 26/02               | 14/03          | <4            | "                        | "                                        | "                        | "                                        | "                                        | "                       | "                       | "                        | "                        | "                       | 8,2                           | 1200           | 1200                   | 1,1                          |
| Pomme de terre | "                   | "              | <4            | 17,5                     | "                                        | "                        | "                                        | "                                        | "                       | "                       | "                        | "                        | "                       | 7,3                           | 3200           | 3600                   | 0,2                          |
| Ananas         | "                   | "              | 5             | 80                       | "                                        | "                        | "                                        | "                                        | "                       | "                       | "                        | "                        | "                       | 55                            | 1100           | 1200                   | 5,1                          |
| Poisson pêche  | "                   | "              | <4            | <ID                      | "                                        | "                        | "                                        | "                                        | "                       | "                       | "                        | "                        | "                       | 3,1                           | 2600           | 2600                   | 36                           |
| cheval         | 28/03               | 09/04          | <4            | "                        | "                                        | "                        | "                                        | "                                        | "                       | "                       | "                        | "                        | "                       | 11                            | 1200           | 1200                   | 1,6                          |
| Chouchou       | "                   | "              | <4            | "                        | "                                        | "                        | "                                        | "                                        | "                       | "                       | "                        | "                        | "                       | 0                             | 3300           | 3300                   | 0                            |
| Pomme de terre | "                   | "              | <4            | 44                       | "                                        | "                        | "                                        | "                                        | "                       | "                       | "                        | "                        | "                       | 24                            | 1800           | 1800                   | 4,4                          |
| Ananas         | "                   | "              | <4            | <ID                      | "                                        | "                        | "                                        | "                                        | "                       | "                       | "                        | "                        | "                       | 2,0                           | 3200           | 2900                   | 22                           |
| Poisson pêche  | "                   | "              | <4            | "                        | "                                        | "                        | "                                        | "                                        | "                       | "                       | "                        | "                        | "                       | 24                            | 1200           | 1300                   | 2,3                          |
| cheval         | 29/04               | 15/05          | <4            | "                        | "                                        | "                        | "                                        | "                                        | "                       | "                       | "                        | "                        | "                       | 72                            | 3200           | 3600                   | 3,1                          |
| Chouchou       | "                   | "              | 4             | 16,1                     | "                                        | "                        | "                                        | "                                        | "                       | "                       | "                        | "                        | "                       | 24                            | 1500           | 1400                   | 4,9                          |
| Pomme de terre | "                   | "              | <4            | 34,5                     | "                                        | "                        | "                                        | "                                        | "                       | "                       | "                        | "                        | "                       | 7                             | 3300           | 3000                   | 78,5                         |
| Ananas         | "                   | "              | <4            | <ID                      | "                                        | "                        | "                                        | "                                        | "                       | "                       | "                        | "                        | "                       | 20                            | 1400           | 1700                   | 2,7                          |
| Poisson        | "                   | "              | <4            | "                        | "                                        | "                        | "                                        | "                                        | "                       | "                       | "                        | "                        | "                       | 35                            | 3100           | 3700                   | 1,1                          |
| Chouchou       | 28/05               | 13/06          | <4            | "                        | "                                        | "                        | "                                        | "                                        | "                       | "                       | "                        | "                        | "                       | 38                            | 1300           | 1500                   | 3,2                          |
| Pomme de terre | "                   | "              | <4            | 27,7                     | "                                        | "                        | "                                        | "                                        | "                       | "                       | "                        | "                        | "                       | 5,6                           | 2800           | 3200                   | 60                           |
| Ananas         | "                   | "              | <4            | <ID                      | "                                        | "                        | "                                        | "                                        | "                       | "                       | "                        | "                        | "                       | 18,5                          | 1300           | 1600                   | 0,5                          |
| Poisson        | "                   | "              | <4            | "                        | "                                        | "                        | "                                        | "                                        | "                       | "                       | "                        | "                        | "                       | 15                            | 2700           | 3700                   | 0,6                          |
| Chouchou       | 27/06               | 08/07          | <4            | "                        | "                                        | "                        | "                                        | "                                        | "                       | "                       | "                        | "                        | "                       |                               |                |                        |                              |
| Pomme de terre | "                   | "              | <4            | "                        | "                                        | "                        | "                                        | "                                        | "                       | "                       | "                        | "                        | "                       |                               |                |                        |                              |

LA REUNION (S<sup>t</sup> DENIS)

Autres échantillons biologiques (suite)

Année : 1974

| NATURE         | Date du prélèvement | Date de mesure $\gamma$ | Rapport $\gamma$ tot. / $^{40}\text{K}$ | $^{137}\text{Cs}$<br>pCi/kg | $^{144}\text{Ce} + \text{Pr}$<br>pCi/kg | $^{141}\text{Ce}$<br>pCi/kg | $^{106}\text{Ru} + \text{Rh}$<br>pCi/kg | $^{103}\text{Ru} + \text{Rh}$<br>pCi/kg | $^{95}\text{Zr}$<br>pCi/kg | $^{95}\text{Nb}$<br>pCi/kg | $^{140}\text{La}$<br>pCi/kg | $^{140}\text{Ba}$<br>pCi/kg | $^{54}\text{Mn}$<br>pCi/kg | $^{90}\text{Sr eq.}$<br>pCi/g Ca | $\beta$ total<br>pCi/kg | $^{40}\text{K}$<br>pCi/kg | $^{90}\text{Sr eq.}$<br>pCi/kg |
|----------------|---------------------|-------------------------|-----------------------------------------|-----------------------------|-----------------------------------------|-----------------------------|-----------------------------------------|-----------------------------------------|----------------------------|----------------------------|-----------------------------|-----------------------------|----------------------------|----------------------------------|-------------------------|---------------------------|--------------------------------|
| Bananes        | 27/06               | 08/07                   | <4                                      | <LD                         | <LD                                     | <LD                         | <LD                                     | <LD                                     | <LD                        | <LD                        | <LD                         | <LD                         | <LD                        | 159                              | 3300                    | 3800                      | 14                             |
| Poisson        | "                   | "                       | <4                                      | "                           | "                                       | "                           | "                                       | "                                       | "                          | "                          | "                           | "                           | "                          | 2,1                              | 2700                    | 2700                      | 28                             |
| Choucho        | 29/07               | 08/08                   | <4                                      | "                           | "                                       | "                           | "                                       | "                                       | "                          | "                          | "                           | "                           | "                          | 15                               | 1100                    | 1400                      | 1,9                            |
| Pomme de terre | "                   | "                       | <4                                      | "                           | "                                       | "                           | "                                       | "                                       | "                          | "                          | "                           | "                           | "                          | 44                               | 2900                    | 3100                      | 1,8                            |
| Bananes        | "                   | "                       | <4                                      | "                           | "                                       | "                           | "                                       | "                                       | "                          | "                          | "                           | "                           | "                          | 183                              | 2800                    | 3100                      | 19                             |
| Poisson        | "                   | "                       | <4                                      | "                           | "                                       | "                           | "                                       | "                                       | "                          | "                          | "                           | "                           | "                          | 2,6                              | 2800                    | 2000                      | 32                             |
| Choucho        | 27/08               | 10/09                   | 4                                       | 28                          | "                                       | "                           | "                                       | "                                       | "                          | "                          | "                           | "                           | "                          | 17                               | 1000                    | 1400                      | 28                             |
| Pomme de terre | "                   | "                       | <4                                      | 32                          | "                                       | "                           | "                                       | "                                       | "                          | "                          | "                           | "                           | "                          | 8,3                              | 2600                    | 3300                      | 32                             |
| Banane         | "                   | "                       | <4                                      | 11                          | "                                       | "                           | "                                       | "                                       | "                          | "                          | "                           | "                           | "                          | 55                               | 2400                    | 3000                      | 3,5                            |
| Poisson        | "                   | "                       | <4                                      | <LD                         | "                                       | "                           | "                                       | "                                       | "                          | "                          | "                           | "                           | "                          | 6,0                              | 2600                    | 3200                      | 70                             |
| Choucho        | 26/09               | 15/10                   | 5                                       | "                           | "                                       | "                           | 174                                     | "                                       | <LD                        | 38                         | "                           | "                           | "                          | 162                              | 1500                    | 2000                      | 25                             |
| Pomme de terre | "                   | "                       | <4                                      | "                           | "                                       | "                           | <LD                                     | "                                       | <LD                        | 26                         | "                           | "                           | "                          | 26                               | 3600                    | 4200                      | 1,6                            |
| Banane         | "                   | "                       | <4                                      | "                           | "                                       | "                           | 82                                      | "                                       | "                          | "                          | "                           | "                           | "                          | 173                              | 3500                    | 3900                      | 20                             |
| Poisson large  | "                   | "                       | <4                                      | "                           | "                                       | "                           | <LD                                     | "                                       | <LD                        | "                          | "                           | "                           | "                          | 3,4                              | 3100                    | 3300                      | 36                             |
| Choucho        | 29/10               | 14/11                   | <4                                      | "                           | "                                       | "                           | "                                       | "                                       | "                          | "                          | "                           | "                           | "                          | 4,2                              | 1700                    | 1900                      | 28                             |
| Pomme de terre | "                   | "                       | <4                                      | 17                          | "                                       | "                           | "                                       | "                                       | "                          | "                          | "                           | "                           | "                          | 1,0                              | 3300                    | 3800                      | 29                             |
| Banane         | "                   | "                       | <4                                      | <LD                         | "                                       | "                           | "                                       | "                                       | 19                         | "                          | "                           | "                           | "                          | 10                               | 2800                    | 3200                      | 127                            |
| Poisson card.  | "                   | "                       | 4                                       | 49                          | "                                       | "                           | "                                       | "                                       | <LD                        | "                          | "                           | "                           | "                          | 28                               | 2500                    | 2400                      | 1,1                            |
| Choucho        | 28/11               | 17/12                   | <4                                      | <LD                         | "                                       | "                           | "                                       | "                                       | "                          | "                          | "                           | "                           | "                          | 78                               | 1850                    | 2000                      | 9,3                            |
| Pomme de terre | "                   | "                       | 5                                       | "                           | "                                       | "                           | "                                       | "                                       | "                          | "                          | "                           | "                           | "                          | 51                               | 3650                    | 3700                      | 1,5                            |
| Ananas         | "                   | "                       | 4                                       | "                           | "                                       | "                           | "                                       | "                                       | "                          | "                          | "                           | "                           | "                          | 72                               | 1400                    | 1500                      | 14                             |
| Poisson card.  | "                   | "                       | <4                                      | "                           | "                                       | "                           | "                                       | "                                       | "                          | "                          | "                           | "                           | "                          | 1,2                              | 2500                    | 2100                      | 23                             |
| Choucho        | 30/12               | 14/01                   | <4                                      | "                           | "                                       | "                           | "                                       | "                                       | "                          | "                          | "                           | "                           | "                          | 15                               | 1300                    | 1600                      | 2,4                            |
| Pomme de terre | "                   | "                       | <4                                      | "                           | "                                       | "                           | "                                       | "                                       | "                          | "                          | "                           | "                           | "                          | 20                               | 3100                    | 3800                      | 1,2                            |
| Ananas         | "                   | "                       | 5                                       | 87                          | "                                       | "                           | 69                                      | "                                       | 29                         | "                          | "                           | "                           | "                          | 140                              | 1400                    | 1600                      | 17                             |
| Poisson mer    | "                   | "                       | <4                                      | <LD                         | "                                       | "                           | <LD                                     | "                                       | <LD                        | "                          | "                           | "                           | "                          | 1,0                              | 2400                    | 2600                      | 21                             |

## SENEGAL (DAKAR)

lait

Année 1974

| Date<br>prélèvement | Date de<br>mesure $\gamma$ | $r = \frac{\gamma_{total}}{40K}$ | $^{131}I$<br>(pCi/litre) | $^{90}Sr$<br>(pCi/litre) | $^{137}Cs$<br>(pCi/litre) |
|---------------------|----------------------------|----------------------------------|--------------------------|--------------------------|---------------------------|
| 30/01               | 13/02                      | 4                                | non détecté              | 2,4                      | < LD                      |
| 6/03                | 13/03                      | < 4                              | "                        | 2,2                      | < LD                      |
| 23/03               | 5/04                       | < 4                              | "                        | 2,3                      | < LD                      |
| 25/06               | 8/07                       | 5                                | "                        | 1,9                      | < LD                      |
| 7/08                | 20/08                      | 4                                | "                        | 7,8                      | < LD                      |
| 13/08               | 23/08                      | 4                                | "                        | 12,4                     | < LD                      |
| 23/08               | 2/09                       | 4                                | "                        | 4,4                      | < LD                      |
| 3/09                | 12/09                      | 8                                | "                        |                          |                           |
| 9/09                | 20/09                      | 4                                | "                        |                          |                           |
| 18/09               | 11/10                      | 4                                | "                        |                          |                           |
| 25/09               | 11/10                      | 4                                | "                        |                          |                           |
| 1/10                | 11/10                      | 4                                | "                        |                          |                           |
| 7/10                | 18/10                      | 5                                | "                        |                          |                           |
| 14/10               | 23/10                      | 4                                | "                        |                          |                           |
| 21/10               | 18/11                      | 6                                | "                        |                          |                           |
| 12/11               | 22/11                      | 5                                | "                        |                          |                           |
| 26/11               | 4/12                       | 4                                | "                        |                          |                           |
| 3/12                | 13/12                      | 5                                | "                        |                          |                           |

## SENEGAL (DAKAR)

Année : 1974

Autres échantillons biologiques

| NATURE   | Date du<br>prélèvement | Date de<br>mesure $\gamma$ | Rapport $\gamma$<br>tot. / $^{40}\text{K}$ | $^{137}\text{Cs}$<br>pCi/kg | $^{144}\text{Ce} +$<br>$\text{Pr}$<br>pCi/kg | $^{141}\text{Ce}$<br>pCi/kg | $^{106}\text{Ru} +$<br>$\text{Rh}$<br>pCi/kg | $^{103}\text{Ru} +$<br>$\text{Rh}$<br>pCi/kg | $^{95}\text{Zr}$<br>pCi/kg | $^{95}\text{Nb}$<br>pCi/kg | $^{140}\text{La}$<br>pCi/kg | $^{140}\text{Ba}$<br>pCi/kg | $^{54}\text{Mn}$<br>pCi/kg | $\beta$ total<br>pCi/kg | $^{40}\text{K}$<br>pCi/kg | $^{90}\text{Sr}$ éq.<br>pCi/kg |
|----------|------------------------|----------------------------|--------------------------------------------|-----------------------------|----------------------------------------------|-----------------------------|----------------------------------------------|----------------------------------------------|----------------------------|----------------------------|-----------------------------|-----------------------------|----------------------------|-------------------------|---------------------------|--------------------------------|
| Salade   | 29/05                  | 24/06                      | < 4                                        | < LD                        | < LD                                         | < LD                        | < LD                                         | < LD                                         | < LD                       | < LD                       | < LD                        | < LD                        | < LD                       | 2100                    | 2000                      |                                |
| Marigues | 25/05                  | 24/06                      | < 4                                        | "                           | "                                            | "                           | "                                            | "                                            | "                          | "                          | "                           | "                           | "                          | 1400                    | 1500                      |                                |
| Chou     | 19/07                  | 27/08                      | < 4                                        | "                           | "                                            | "                           | "                                            | "                                            | "                          | "                          | "                           | "                           | "                          | 2400                    | 2800                      |                                |
| Manioc   | 14/08                  | 02/09                      | 4                                          | "                           | "                                            | "                           | "                                            | "                                            | "                          | "                          | "                           | "                           | "                          | 5100                    | 5200                      |                                |
| Salade   | 22/08                  | 10/09                      | 4                                          | "                           | "                                            | "                           | "                                            | "                                            | "                          | "                          | "                           | "                           | "                          | 1700                    | 2100                      |                                |
| Salade   | 09/09                  | 03/10                      | < 4                                        | "                           | "                                            | "                           | "                                            | "                                            | "                          | "                          | "                           | "                           | "                          | 1900                    | 2300                      |                                |
| Manioc   | 27/09                  | 18/10                      | < 4                                        | "                           | "                                            | "                           | "                                            | "                                            | "                          | "                          | "                           | "                           | "                          | 2700                    | 2900                      |                                |
| Manioc   | 21/10                  | 17/12                      | < 4                                        | "                           | "                                            | "                           | "                                            | "                                            | "                          | "                          | "                           | "                           | "                          | 4800                    | 5600                      |                                |
| Manioc   | 26/11                  | 17/12                      | < 4                                        | "                           | "                                            | "                           | "                                            | "                                            | "                          | "                          | "                           | "                           | "                          | 2700                    | 2950                      |                                |
| Salade   | 26/11                  | 17/12                      | < 4                                        | "                           | "                                            | "                           | "                                            | "                                            | "                          | "                          | "                           | "                           | "                          | 2300                    | 2300                      |                                |
| Mil      | 26/11                  | 18/12                      | 4                                          | "                           | "                                            | "                           | "                                            | "                                            | "                          | "                          | "                           | "                           | "                          | 2400                    | 2100                      |                                |