



# Radiation Measurement Results of 141 Items in October

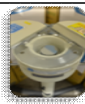


When samples include natural radionuclides we can't deny the possibility of their radiation value counted together in our results.

The list below only shows the measurement results of the samples brought in.

Radioactive contamination level may differ according to sampling points even within the same address.

## ★Gamma-ray

| Measuring instrument                                                              |                                                                                   | Feature                                                       | Guide to lower limit※                      |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|---------------------------------------------------------------|--------------------------------------------|
| Na I Scintillation Spectrometer                                                   |                                                                                   |                                                               |                                            |
| Product of ATOMTEX AT1320A                                                        | Product of BERTHOLD LB2045                                                        | • Gamma-ray spectrometer<br>with Na I scintillation detector. | Food (Sample 1kg) Lower limit 1.0Bq/Kg     |
|  |  |                                                               | Soil (Sample 1kg) Lower limit 2.5Bq/Kg     |
|                                                                                   |                                                                                   |                                                               | Material (Sample 1kg) Lower limit 1.0Bq/Kg |
|                                                                                   |                                                                                   |                                                               | Water (Sample 20L) Lower limit 0.02Bq/L    |

※The lower limit varies depending on the sample weight and measurement time.

Measuring instrument:Na I Scintillation Spectrometer

(Bq/kg raw:Weight of raw sample Bq/kg dry:Weight of dried sample)

| Samples          | Sampling Point                | Sampling Month | Measurement Result |   | Uncertainty |     | Total Amount of Cesium           | Minimum Limit of Detection |     |           |
|------------------|-------------------------------|----------------|--------------------|---|-------------|-----|----------------------------------|----------------------------|-----|-----------|
| Rice flour       | Furudono, Ishikawa, Fukushima | Jun-24         | Cs137              | — | Bq/kg raw   | ± — | Under Minimum Limit of Detection | Cs137                      | 2.9 | Bq/kg raw |
|                  |                               |                | Cs134              | — | Bq/kg raw   | ± — |                                  | Cs134                      | 2.7 | Bq/kg raw |
| Sweet potato     | Kawauchi, Futaba, Fukushima   | Sep-24         | Cs137              | — | Bq/kg raw   | ± — | Under Minimum Limit of Detection | Cs137                      | 1.7 | Bq/kg raw |
|                  |                               |                | Cs134              | — | Bq/kg raw   | ± — |                                  | Cs134                      | 1.6 | Bq/kg raw |
| Pumpkin          | Hirata, Ishikawa, Fukushima   | Oct-24         | Cs137              | — | Bq/kg raw   | ± — | Under Minimum Limit of Detection | Cs137                      | 2.4 | Bq/kg raw |
|                  |                               |                | Cs134              | — | Bq/kg raw   | ± — |                                  | Cs134                      | 2.2 | Bq/kg raw |
| Pumpkin          | Naraha, Futaba, Fukushima     | Sep-24         | Cs137              | — | Bq/kg raw   | ± — | Under Minimum Limit of Detection | Cs137                      | 2.2 | Bq/kg raw |
|                  |                               |                | Cs134              | — | Bq/kg raw   | ± — |                                  | Cs134                      | 2.0 | Bq/kg raw |
| Pumpkin          | Kawauchi, Futaba, Fukushima   | Sep-24         | Cs137              | — | Bq/kg raw   | ± — | Under Minimum Limit of Detection | Cs137                      | 2.4 | Bq/kg raw |
|                  |                               |                | Cs134              | — | Bq/kg raw   | ± — |                                  | Cs134                      | 2.2 | Bq/kg raw |
| Butternut squash | Minamiaizu, Fukushima         | Oct-24         | Cs137              | — | Bq/kg raw   | ± — | Under Minimum Limit of Detection | Cs137                      | 1.7 | Bq/kg raw |
|                  |                               |                | Cs134              | — | Bq/kg raw   | ± — |                                  | Cs134                      | 1.3 | Bq/kg raw |
| Onion            | Motomiya, Fukushima           | Oct-24         | Cs137              | — | Bq/kg raw   | ± — | Under Minimum Limit of Detection | Cs137                      | 2.2 | Bq/kg raw |
|                  |                               |                | Cs134              | — | Bq/kg raw   | ± — |                                  | Cs134                      | 2.0 | Bq/kg raw |
| Cucumber         | Koriyama, Fukushima           | Oct-24         | Cs137              | — | Bq/kg raw   | ± — | Under Minimum Limit of Detection | Cs137                      | 1.7 | Bq/kg raw |
|                  |                               |                | Cs134              | — | Bq/kg raw   | ± — |                                  | Cs134                      | 1.6 | Bq/kg raw |
| Chayote          | Motomiya, Fukushima           | Oct-24         | Cs137              | — | Bq/kg raw   | ± — | Under Minimum Limit of Detection | Cs137                      | 2.0 | Bq/kg raw |
|                  |                               |                | Cs134              | — | Bq/kg raw   | ± — |                                  | Cs134                      | 1.9 | Bq/kg raw |
| Chayote          | Tamura, Fukushima             | Sep-24         | Cs137              | — | Bq/kg raw   | ± — | Under Minimum Limit of Detection | Cs137                      | 2.0 | Bq/kg raw |
|                  |                               |                | Cs134              | — | Bq/kg raw   | ± — |                                  | Cs134                      | 1.8 | Bq/kg raw |
| Zucchini         | Koriyama, Fukushima           | Oct-24         | Cs137              | — | Bq/kg raw   | ± — | Under Minimum Limit of Detection | Cs137                      | 2.0 | Bq/kg raw |
|                  |                               |                | Cs134              | — | Bq/kg raw   | ± — |                                  | Cs134                      | 1.9 | Bq/kg raw |
| Wax gourd        | Koriyama, Fukushima           | Oct-24         | Cs137              | — | Bq/kg raw   | ± — | Under Minimum Limit of Detection | Cs137                      | 2.0 | Bq/kg raw |
|                  |                               |                | Cs134              | — | Bq/kg raw   | ± — |                                  | Cs134                      | 1.9 | Bq/kg raw |
| Green pepper     | Miharu, Tamura, Fukushima     | Oct-24         | Cs137              | — | Bq/kg raw   | ± — | Under Minimum Limit of Detection | Cs137                      | 1.6 | Bq/kg raw |
|                  |                               |                | Cs134              | — | Bq/kg raw   | ± — |                                  | Cs134                      | 1.3 | Bq/kg raw |
| Green pepper     | Motomiya, Fukushima           | Oct-24         | Cs137              | — | Bq/kg raw   | ± — | Under Minimum Limit of Detection | Cs137                      | 3.6 | Bq/kg raw |
|                  |                               |                | Cs134              | — | Bq/kg raw   | ± — |                                  | Cs134                      | 2.9 | Bq/kg raw |
| Eggplant         | Koriyama, Fukushima           | Oct-24         | Cs137              | — | Bq/kg raw   | ± — | Under Minimum Limit of Detection | Cs137                      | 2.7 | Bq/kg raw |
|                  |                               |                | Cs134              | — | Bq/kg raw   | ± — |                                  | Cs134                      | 2.5 | Bq/kg raw |
| Eggplant         | Koriyama, Fukushima           | Oct-24         | Cs137              | — | Bq/kg raw   | ± — | Under Minimum Limit of Detection | Cs137                      | 1.5 | Bq/kg raw |
|                  |                               |                | Cs134              | — | Bq/kg raw   | ± — |                                  | Cs134                      | 1.2 | Bq/kg raw |
| Eggplant         | Kawauchi, Futaba, Fukushima   | Oct-24         | Cs137              | — | Bq/kg raw   | ± — | Under Minimum Limit of Detection | Cs137                      | 2.5 | Bq/kg raw |
|                  |                               |                | Cs134              | — | Bq/kg raw   | ± — |                                  | Cs134                      | 2.3 | Bq/kg raw |

※"—" used in Measurement Result and Uncertainty shows that the value is below the detection limit.

But it does not necessary mean 0(zero)Bq/kg.

## ★Gamma-ray

(Bq/kg raw:Weight of raw sample Bq/kg dry:Weight of dried sample)

| Samples                 | Sampling Point                        | Sampling Month | Measurement Result |             | Uncertainty |             | Total Amount of Cesium           | Minimum Limit of Detection |     |           |
|-------------------------|---------------------------------------|----------------|--------------------|-------------|-------------|-------------|----------------------------------|----------------------------|-----|-----------|
| Eggplant                | Minamiaizu, Fukushima                 | Oct-24         | Cs137              | — Bq/kg raw | ±           | — Bq/kg raw | Under Minimum Limit of Detection | Cs137                      | 1.8 | Bq/kg raw |
|                         |                                       |                | Cs134              | — Bq/kg raw | ±           | — Bq/kg raw |                                  | Cs134                      | 1.4 | Bq/kg raw |
| White eggplant          | Motomiya, Fukushima                   | Sep-24         | Cs137              | — Bq/kg raw | ±           | — Bq/kg raw | Under Minimum Limit of Detection | Cs137                      | 3.0 | Bq/kg raw |
|                         |                                       |                | Cs134              | — Bq/kg raw | ±           | — Bq/kg raw |                                  | Cs134                      | 2.8 | Bq/kg raw |
| Bitter gourd            | Iwaki City                            | Sep-24         | Cs137              | — Bq/kg raw | ±           | — Bq/kg raw | Under Minimum Limit of Detection | Cs137                      | 1.7 | Bq/kg raw |
|                         |                                       |                | Cs134              | — Bq/kg raw | ±           | — Bq/kg raw |                                  | Cs134                      | 1.3 | Bq/kg raw |
| Okra                    | Koriyama, Fukushima                   | Oct-24         | Cs137              | — Bq/kg raw | ±           | — Bq/kg raw | Under Minimum Limit of Detection | Cs137                      | 1.9 | Bq/kg raw |
|                         |                                       |                | Cs134              | — Bq/kg raw | ±           | — Bq/kg raw |                                  | Cs134                      | 1.5 | Bq/kg raw |
| Yacon                   | Minamiaizu, Fukushima                 | Oct-24         | Cs137              | — Bq/kg raw | ±           | — Bq/kg raw | Under Minimum Limit of Detection | Cs137                      | 2.0 | Bq/kg raw |
|                         |                                       |                | Cs134              | — Bq/kg raw | ±           | — Bq/kg raw |                                  | Cs134                      | 1.9 | Bq/kg raw |
| Yuzu                    | Fukushima City                        | Oct-24         | Cs137              | — Bq/kg raw | ±           | — Bq/kg raw | Under Minimum Limit of Detection | Cs137                      | 1.2 | Bq/kg raw |
|                         |                                       |                | Cs134              | — Bq/kg raw | ±           | — Bq/kg raw |                                  | Cs134                      | 1.1 | Bq/kg raw |
| Fig                     | Miharu, Tamura, Fukushima             | Oct-24         | Cs137              | — Bq/kg raw | ±           | — Bq/kg raw | Under Minimum Limit of Detection | Cs137                      | 2.5 | Bq/kg raw |
|                         |                                       |                | Cs134              | — Bq/kg raw | ±           | — Bq/kg raw |                                  | Cs134                      | 2.1 | Bq/kg raw |
| Grape                   | Hobara, Date, Fukushima               | Oct-24         | Cs137              | — Bq/kg raw | ±           | — Bq/kg raw | Under Minimum Limit of Detection | Cs137                      | 1.9 | Bq/kg raw |
|                         |                                       |                | Cs134              | — Bq/kg raw | ±           | — Bq/kg raw |                                  | Cs134                      | 1.7 | Bq/kg raw |
| Japanese pear           | Fukushima Pref.                       | Sep-24         | Cs137              | — Bq/kg raw | ±           | — Bq/kg raw | Under Minimum Limit of Detection | Cs137                      | 1.8 | Bq/kg raw |
|                         |                                       |                | Cs134              | — Bq/kg raw | ±           | — Bq/kg raw |                                  | Cs134                      | 1.4 | Bq/kg raw |
| Japanese pear           | Sukagawa, Fukushima                   | Sep-24         | Cs137              | — Bq/kg raw | ±           | — Bq/kg raw | Under Minimum Limit of Detection | Cs137                      | 2.2 | Bq/kg raw |
|                         |                                       |                | Cs134              | — Bq/kg raw | ±           | — Bq/kg raw |                                  | Cs134                      | 2.0 | Bq/kg raw |
| Japanese pear           | Fukushima City                        | Oct-24         | Cs137              | — Bq/kg raw | ±           | — Bq/kg raw | Under Minimum Limit of Detection | Cs137                      | 2.5 | Bq/kg raw |
|                         |                                       |                | Cs134              | — Bq/kg raw | ±           | — Bq/kg raw |                                  | Cs134                      | 2.3 | Bq/kg raw |
| Pear                    | Kagamiishi, Iwase, Fukushima          | Sep-24         | Cs137              | — Bq/kg raw | ±           | — Bq/kg raw | Under Minimum Limit of Detection | Cs137                      | 1.7 | Bq/kg raw |
|                         |                                       |                | Cs134              | — Bq/kg raw | ±           | — Bq/kg raw |                                  | Cs134                      | 1.3 | Bq/kg raw |
| Apple                   | Nihonmatsu, Fukushima                 | Sep-24         | Cs137              | — Bq/kg raw | ±           | — Bq/kg raw | Under Minimum Limit of Detection | Cs137                      | 2.9 | Bq/kg raw |
|                         |                                       |                | Cs134              | — Bq/kg raw | ±           | — Bq/kg raw |                                  | Cs134                      | 2.7 | Bq/kg raw |
| Green papaya            | Koriyama, Fukushima                   | Oct-24         | Cs137              | — Bq/kg raw | ±           | — Bq/kg raw | Under Minimum Limit of Detection | Cs137                      | 2.6 | Bq/kg raw |
|                         |                                       |                | Cs134              | — Bq/kg raw | ±           | — Bq/kg raw |                                  | Cs134                      | 2.4 | Bq/kg raw |
| Persimmon               | Nihonmatsu, Fukushima                 | Oct-24         | Cs137              | — Bq/kg raw | ±           | — Bq/kg raw | Under Minimum Limit of Detection | Cs137                      | 2.1 | Bq/kg raw |
|                         |                                       |                | Cs134              | — Bq/kg raw | ±           | — Bq/kg raw |                                  | Cs134                      | 2.0 | Bq/kg raw |
| Sudachi citrus fruit    | Iwaki City                            | Sep-24         | Cs137              | — Bq/kg raw | ±           | — Bq/kg raw | Under Minimum Limit of Detection | Cs137                      | 1.8 | Bq/kg raw |
|                         |                                       |                | Cs134              | — Bq/kg raw | ±           | — Bq/kg raw |                                  | Cs134                      | 1.4 | Bq/kg raw |
| Asuparana (autumn poem) | Minamiaizu, Fukushima                 | Oct-24         | Cs137              | — Bq/kg raw | ±           | — Bq/kg raw | Under Minimum Limit of Detection | Cs137                      | 3.0 | Bq/kg raw |
|                         |                                       |                | Cs134              | — Bq/kg raw | ±           | — Bq/kg raw |                                  | Cs134                      | 2.8 | Bq/kg raw |
| Qing-geng-cai           | Koriyama, Fukushima                   | Oct-24         | Cs137              | — Bq/kg raw | ±           | — Bq/kg raw | Under Minimum Limit of Detection | Cs137                      | 1.5 | Bq/kg raw |
|                         |                                       |                | Cs134              | — Bq/kg raw | ±           | — Bq/kg raw |                                  | Cs134                      | 1.1 | Bq/kg raw |
| Common bean             | Tamura, Fukushima                     | Sep-24         | Cs137              | — Bq/kg raw | ±           | — Bq/kg raw | Under Minimum Limit of Detection | Cs137                      | 1.9 | Bq/kg raw |
|                         |                                       |                | Cs134              | — Bq/kg raw | ±           | — Bq/kg raw |                                  | Cs134                      | 1.5 | Bq/kg raw |
| Burdock                 | Samekawa, Higashishirakawa, Fukushima | Oct-24         | Cs137              | — Bq/kg raw | ±           | — Bq/kg raw | Under Minimum Limit of Detection | Cs137                      | 1.8 | Bq/kg raw |
|                         |                                       |                | Cs134              | — Bq/kg raw | ±           | — Bq/kg raw |                                  | Cs134                      | 1.4 | Bq/kg raw |
| Green chili             | Kawauchi, Futaba, Fukushima           | Oct-24         | Cs137              | — Bq/kg raw | ±           | — Bq/kg raw | Under Minimum Limit of Detection | Cs137                      | 1.8 | Bq/kg raw |
|                         |                                       |                | Cs134              | — Bq/kg raw | ±           | — Bq/kg raw |                                  | Cs134                      | 1.4 | Bq/kg raw |
| Sweet pepper            | Iwaki City                            | Sep-24         | Cs137              | — Bq/kg raw | ±           | — Bq/kg raw | Under Minimum Limit of Detection | Cs137                      | 2.1 | Bq/kg raw |
|                         |                                       |                | Cs134              | — Bq/kg raw | ±           | — Bq/kg raw |                                  | Cs134                      | 1.7 | Bq/kg raw |
| Basil                   | Iwaki City                            | Sep-24         | Cs137              | — Bq/kg raw | ±           | — Bq/kg raw | Under Minimum Limit of Detection | Cs137                      | 2.3 | Bq/kg raw |
|                         |                                       |                | Cs134              | — Bq/kg raw | ±           | — Bq/kg raw |                                  | Cs134                      | 2.2 | Bq/kg raw |
| Perilla (seed)          | Kikuta, Koriyama, Fukushima           | Oct-24         | Cs137              | — Bq/kg raw | ±           | — Bq/kg raw | Under Minimum Limit of Detection | Cs137                      | 3.3 | Bq/kg raw |
|                         |                                       |                | Cs134              | — Bq/kg raw | ±           | — Bq/kg raw |                                  | Cs134                      | 2.6 | Bq/kg raw |
| Ginger                  | Koriyama, Fukushima                   | Oct-24         | Cs137              | — Bq/kg raw | ±           | — Bq/kg raw | Under Minimum Limit of Detection | Cs137                      | 1.3 | Bq/kg raw |
|                         |                                       |                | Cs134              | — Bq/kg raw | ±           | — Bq/kg raw |                                  | Cs134                      | 1.0 | Bq/kg raw |

# ★Gamma-ray

(Bq/kg raw:Weight of raw sample Bq/kg dry:Weight of dried sample)

| Samples                        | Sampling Point                         | Sampling Month | Measurement Result |                  | Uncertainty |                 | Total Amount of Cesium           | Minimum Limit of Detection |               |
|--------------------------------|----------------------------------------|----------------|--------------------|------------------|-------------|-----------------|----------------------------------|----------------------------|---------------|
| Wood ear mushroom              | Kagamiishi, Iwase, Fukushima           | Oct-24         | Cs137              | — Bq/kg raw      | ±           | — Bq/kg raw     | Under Minimum Limit of Detection | Cs137                      | 1.1 Bq/kg raw |
|                                |                                        |                | Cs134              | — Bq/kg raw      | ±           | — Bq/kg raw     |                                  | Cs134                      | 1.0 Bq/kg raw |
| Azuki bean                     | Motomiya, Fukushima                    | Oct-24         | Cs137              | — Bq/kg raw      | ±           | — Bq/kg raw     | Under Minimum Limit of Detection | Cs137                      | 1.3 Bq/kg raw |
|                                |                                        |                | Cs134              | — Bq/kg raw      | ±           | — Bq/kg raw     |                                  | Cs134                      | 1.0 Bq/kg raw |
| Nameko mushroom                | Fukushima Pref.                        | Oct-24         | Cs137              | — Bq/kg raw      | ±           | — Bq/kg raw     | Under Minimum Limit of Detection | Cs137                      | 1.3 Bq/kg raw |
|                                |                                        |                | Cs134              | — Bq/kg raw      | ±           | — Bq/kg raw     |                                  | Cs134                      | 1.1 Bq/kg raw |
| Maitake mushroom (log-grown)   | Minamiaizu, Fukushima                  | Oct-24         | Cs137              | 6.1 Bq/kg raw    | ±           | 1.8 Bq/kg raw   | 6.1                              | Cs137                      | 1.9 Bq/kg raw |
|                                |                                        |                | Cs134              | — Bq/kg raw      | ±           | — Bq/kg raw     |                                  | Cs134                      | 1.5 Bq/kg raw |
| Soil                           | Takasaka, Uchigo, Iwaki Sakurai Park.1 | Jun-24         | Cs137              | 568.0 Bq/kg dry  | ±           | 58.2 Bq/kg dry  | 576.7                            | Cs137                      | 1.7 Bq/kg dry |
|                                |                                        |                | Cs134              | 8.7 Bq/kg dry    | ±           | 1.3 Bq/kg dry   |                                  | Cs134                      | 1.9 Bq/kg dry |
| Soil                           | Takasaka, Uchigo, Iwaki Sakurai Park.1 | Jun-24         | Cs137              | 557.0 Bq/kg dry  | ±           | 57.1 Bq/kg dry  | 565.4                            | Cs137                      | 1.7 Bq/kg dry |
|                                |                                        |                | Cs134              | 8.4 Bq/kg dry    | ±           | 1.3 Bq/kg dry   |                                  | Cs134                      | 2.0 Bq/kg dry |
| Soil                           | Takasaka, Uchigo, Iwaki Sakurai Park.1 | Jun-24         | Cs137              | 462.0 Bq/kg dry  | ±           | 47.4 Bq/kg raw  | 468.5                            | Cs137                      | 1.6 Bq/kg dry |
|                                |                                        |                | Cs134              | 6.5 Bq/kg dry    | ±           | 1.1 Bq/kg raw   |                                  | Cs134                      | 1.8 Bq/kg dry |
| Soil (under the slide)         | Takasaka, Uchigo, Iwaki Sakurai Park.1 | Jun-24         | Cs137              | 115.0 Bq/kg dry  | ±           | 12.6 Bq/kg dry  | 115.0                            | Cs137                      | 2.9 Bq/kg dry |
|                                |                                        |                | Cs134              | — Bq/kg dry      | ±           | — Bq/kg dry     |                                  | Cs134                      | 2.2 Bq/kg dry |
| Soil (sandbox)                 | Takasaka, Uchigo, Iwaki Sakurai Park.1 | Jun-24         | Cs137              | — Bq/kg dry      | ±           | — Bq/kg dry     | Under Minimum Limit of Detection | Cs137                      | 1.0 Bq/kg dry |
|                                |                                        |                | Cs134              | — Bq/kg dry      | ±           | — Bq/kg dry     |                                  | Cs134                      | 1.0 Bq/kg dry |
| Soil (under the tree)          | Izumigaoka, Iwaki Izumigaokacyuo Park  | Aug-24         | Cs137              | 1330.0 Bq/kg dry | ±           | 138.0 Bq/kg dry | 1349.8                           | Cs137                      | 3.5 Bq/kg dry |
|                                |                                        |                | Cs134              | 19.8 Bq/kg dry   | ±           | 2.7 Bq/kg dry   |                                  | Cs134                      | 3.8 Bq/kg dry |
| Soil                           | Izumigaoka, Iwaki Izumigaokacyuo Park  | Aug-24         | Cs137              | 831.0 Bq/kg dry  | ±           | 85.9 Bq/kg dry  | 842.9                            | Cs137                      | 3.4 Bq/kg dry |
|                                |                                        |                | Cs134              | 11.9 Bq/kg dry   | ±           | 2.1 Bq/kg dry   |                                  | Cs134                      | 3.9 Bq/kg dry |
| Soil                           | Izumigaoka, Iwaki Izumigaokacyuo Park  | Aug-24         | Cs137              | 585.0 Bq/kg dry  | ±           | 59.6 Bq/kg dry  | 594.4                            | Cs137                      | 1.6 Bq/kg dry |
|                                |                                        |                | Cs134              | 9.4 Bq/kg dry    | ±           | 1.4 Bq/kg dry   |                                  | Cs134                      | 2.0 Bq/kg dry |
| Soil                           | Izumigaoka, Iwaki Izumigaokacyuo Park  | Aug-24         | Cs137              | 330.0 Bq/kg dry  | ±           | 34.4 Bq/kg dry  | 335.1                            | Cs137                      | 1.9 Bq/kg dry |
|                                |                                        |                | Cs134              | 5.1 Bq/kg dry    | ±           | 1.0 Bq/kg dry   |                                  | Cs134                      | 2.3 Bq/kg dry |
| Soil                           | Izumigaoka, Iwaki Izumigaokacyuo Park  | Aug-24         | Cs137              | 117.0 Bq/kg dry  | ±           | 12.3 Bq/kg dry  | 117.0                            | Cs137                      | 1.6 Bq/kg dry |
|                                |                                        |                | Cs134              | — Bq/kg dry      | ±           | — Bq/kg dry     |                                  | Cs134                      | 1.5 Bq/kg dry |
| Soil (entrance)                | Izumigaoka, Iwaki Izumigaokacyuo Park  | Aug-24         | Cs137              | 105.0 Bq/kg dry  | ±           | 11.3 Bq/kg dry  | 105.0                            | Cs137                      | 2.3 Bq/kg dry |
|                                |                                        |                | Cs134              | — Bq/kg dry      | ±           | — Bq/kg dry     |                                  | Cs134                      | 2.1 Bq/kg dry |
| Soil (under the tree)          | Izumigaoka, Iwaki Izumigaokacyuo Park  | Aug-24         | Cs137              | 59.3 Bq/kg dry   | ±           | 6.4 Bq/kg dry   | 59.3                             | Cs137                      | 1.6 Bq/kg dry |
|                                |                                        |                | Cs134              | — Bq/kg dry      | ±           | — Bq/kg dry     |                                  | Cs134                      | 1.4 Bq/kg dry |
| Soil (under the seesaw)        | Izumigaoka, Iwaki Izumigaokacyuo Park  | Aug-24         | Cs137              | 51.9 Bq/kg dry   | ±           | 5.6 Bq/kg dry   | 51.9                             | Cs137                      | 1.3 Bq/kg dry |
|                                |                                        |                | Cs134              | — Bq/kg dry      | ±           | — Bq/kg dry     |                                  | Cs134                      | 1.2 Bq/kg dry |
| Soil (under the bench①)        | Izumigaoka, Iwaki Izumigaokacyuo Park  | Aug-24         | Cs137              | 42.7 Bq/kg dry   | ±           | 4.7 Bq/kg dry   | 42.7                             | Cs137                      | 1.3 Bq/kg dry |
|                                |                                        |                | Cs134              | — Bq/kg dry      | ±           | — Bq/kg dry     |                                  | Cs134                      | 1.2 Bq/kg dry |
| Soil (at the steps of a slide) | Izumigaoka, Iwaki Izumigaokacyuo Park  | Aug-24         | Cs137              | 37.9 Bq/kg dry   | ±           | 4.5 Bq/kg dry   | 37.9                             | Cs137                      | 2.5 Bq/kg dry |
|                                |                                        |                | Cs134              | — Bq/kg dry      | ±           | — Bq/kg dry     |                                  | Cs134                      | 3.1 Bq/kg dry |
| Soil (at the steps of a slide) | Izumigaoka, Iwaki Izumigaokacyuo Park  | Aug-24         | Cs137              | 32.5 Bq/kg dry   | ±           | 4.0 Bq/kg dry   | 32.5                             | Cs137                      | 2.2 Bq/kg dry |
|                                |                                        |                | Cs134              | — Bq/kg dry      | ±           | — Bq/kg dry     |                                  | Cs134                      | 2.8 Bq/kg dry |
| Soil (at the steps of a slide) | Izumigaoka, Iwaki Izumigaokacyuo Park  | Aug-24         | Cs137              | 30.6 Bq/kg dry   | ±           | 3.8 Bq/kg dry   | 30.6                             | Cs137                      | 0.9 Bq/kg dry |
|                                |                                        |                | Cs134              | — Bq/kg dry      | ±           | — Bq/kg dry     |                                  | Cs134                      | 1.1 Bq/kg dry |
| Soil                           | Izumigaoka, Iwaki Izumigaokacyuo Park  | Aug-24         | Cs137              | 22.5 Bq/kg dry   | ±           | 2.7 Bq/kg dry   | 22.5                             | Cs137                      | 1.6 Bq/kg dry |
|                                |                                        |                | Cs134              | — Bq/kg dry      | ±           | — Bq/kg dry     |                                  | Cs134                      | 1.8 Bq/kg dry |
| Soil (shrubbery)               | Izumigaoka, Iwaki Izumigaokacyuo Park  | Aug-24         | Cs137              | 12.1 Bq/kg dry   | ±           | 1.8 Bq/kg dry   | 12.1                             | Cs137                      | 1.9 Bq/kg dry |
|                                |                                        |                | Cs134              | — Bq/kg dry      | ±           | — Bq/kg dry     |                                  | Cs134                      | 2.2 Bq/kg dry |
| Soil (at the steps of a slide) | Izumigaoka, Iwaki Izumigaokacyuo Park  | Aug-24         | Cs137              | 6.9 Bq/kg dry    | ±           | 1.0 Bq/kg dry   | 6.9                              | Cs137                      | 1.7 Bq/kg dry |
|                                |                                        |                | Cs134              | — Bq/kg dry      | ±           | — Bq/kg dry     |                                  | Cs134                      | 2.1 Bq/kg dry |
| Soil                           | Izumigaoka, Iwaki Izumigaokacyuo Park  | Aug-24         | Cs137              | 4.2 Bq/kg dry    | ±           | 0.7 Bq/kg dry   | 4.2                              | Cs137                      | 1.6 Bq/kg dry |
|                                |                                        |                | Cs134              | — Bq/kg dry      | ±           | — Bq/kg dry     |                                  | Cs134                      | 1.9 Bq/kg dry |
| Soil                           | Izumigaoka, Iwaki Izumigaokacyuo Park  | Aug-24         | Cs137              | 2.8 Bq/kg dry    | ±           | 0.6 Bq/kg dry   | 2.8                              | Cs137                      | 1.7 Bq/kg dry |
|                                |                                        |                | Cs134              | — Bq/kg dry      | ±           | — Bq/kg dry     |                                  | Cs134                      | 2.2 Bq/kg dry |

※"—" used in Measurement Result and Uncertainty shows that the value is below the detection limit.

But it does not necessary mean 0(zero)Bq/kg.

# ★Gamma-ray

| Measuring instrument             |                 | Feature                                                                                                                                                                                                                                                                                      | Guide to lower limit※                                                                                                                                                         |
|----------------------------------|-----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Germanium Semiconductor detector |                 |                                                                                                                                                                                                                                                                                              |                                                                                                                                                                               |
| ORTEC GEM30-70                   | CANBERRA GC4020 | <ul style="list-style-type: none"> <li>Radioactivity measurement series.</li> <li>Quantitative analysis based on "Gamma-ray spectrometry with germanium semiconductor detector."</li> <li>ORTEC GEM30-70 Relative efficiency 35%</li> <li>CANBERRA GC4020 Relative efficiency 43%</li> </ul> | Food (Sample 2kg) Lower limit 0.04Bq/Kg<br>Soil (Sample 1kg) Lower limit 0.06Bq/Kg<br>Material (Sample 1kg) Lower limit 0.06Bq/Kg<br>Water (Sample 20L) Lower limit 0.001Bq/L |

※The lower limit varies depending on the sample weight and measurement time.

Measuring instrument:Germanium Semiconductor detector

(Bq/kg raw:Weight of raw sample Bq/kg dry:Weight of dried sample)

| Samples          | Sampling Point                | Sampling Month | Measuring instrument type | Measurement Result |                | Uncertainty      |  | Total Amount of Cesium           | Minimum Limit of Detection |                |
|------------------|-------------------------------|----------------|---------------------------|--------------------|----------------|------------------|--|----------------------------------|----------------------------|----------------|
| Rice             | Ibaraki Pref.                 | Oct-24         | OR                        | Cs137              | 0.07 Bq/kg raw | ± 0.02 Bq/kg raw |  | 0.07                             | Cs137                      | 0.04 Bq/kg raw |
|                  |                               |                |                           | Cs134              | — Bq/kg raw    | ± — Bq/kg raw    |  |                                  | Cs134                      | 0.04 Bq/kg raw |
| Brown rice       | Nakoso,Iwaki, Fukushima       | Oct-24         | OR                        | Cs137              | 0.7 Bq/kg raw  | ± 0.04 Bq/kg raw |  | 0.7                              | Cs137                      | 0.07 Bq/kg raw |
|                  |                               |                |                           | Cs134              | — Bq/kg raw    | ± — Bq/kg raw    |  |                                  | Cs134                      | 0.07 Bq/kg raw |
| Brown rice       | Nakoso,Iwaki, Fukushima       | Oct-24         | OR                        | Cs137              | 0.7 Bq/kg raw  | ± 0.04 Bq/kg raw |  | 0.7                              | Cs137                      | 0.07 Bq/kg raw |
|                  |                               |                |                           | Cs134              | — Bq/kg raw    | ± — Bq/kg raw    |  |                                  | Cs134                      | 0.07 Bq/kg raw |
| Brown rice       | Nakoso,Iwaki, Fukushima       | Oct-24         | OR                        | Cs137              | 0.7 Bq/kg raw  | ± 0.04 Bq/kg raw |  | 0.7                              | Cs137                      | 0.07 Bq/kg raw |
|                  |                               |                |                           | Cs134              | — Bq/kg raw    | ± — Bq/kg raw    |  |                                  | Cs134                      | 0.07 Bq/kg raw |
| Brown rice       | Nakoso,Iwaki, Fukushima       | Oct-24         | OR                        | Cs137              | 0.8 Bq/kg raw  | ± 0.04 Bq/kg raw |  | 0.8                              | Cs137                      | 0.07 Bq/kg raw |
|                  |                               |                |                           | Cs134              | — Bq/kg raw    | ± — Bq/kg raw    |  |                                  | Cs134                      | 0.07 Bq/kg raw |
| Onion            | Nanie,Futaba, Fukushima       | Sep-24         | CA                        | Cs137              | 0.1 Bq/kg raw  | ± 0.01 Bq/kg raw |  | 0.1                              | Cs137                      | 0.03 Bq/kg raw |
|                  |                               |                |                           | Cs134              | — Bq/kg raw    | ± — Bq/kg raw    |  |                                  | Cs134                      | 0.03 Bq/kg raw |
| Fig              | Kawauchi, Futaba, Fukushima   | Oct-24         | CA                        | Cs137              | — Bq/kg raw    | ± — Bq/kg raw    |  | Under Minimum Limit of Detection | Cs137                      | 0.07 Bq/kg raw |
|                  |                               |                |                           | Cs134              | — Bq/kg raw    | ± — Bq/kg raw    |  |                                  | Cs134                      | 0.07 Bq/kg raw |
| Pawpaw           | Motomiya, Fukushima           | Oct-24         | OR                        | Cs137              | 0.6 Bq/kg raw  | ± 0.08 Bq/kg raw |  | 0.6                              | Cs137                      | 0.1 Bq/kg raw  |
|                  |                               |                |                           | Cs134              | — Bq/kg raw    | ± — Bq/kg raw    |  |                                  | Cs134                      | 0.1 Bq/kg raw  |
| Red pepper       | Minamiaizu, Fukushima         | Oct-24         | CA                        | Cs137              | — Bq/kg raw    | ± — Bq/kg raw    |  | Under Minimum Limit of Detection | Cs137                      | 0.3 Bq/kg raw  |
|                  |                               |                |                           | Cs134              | — Bq/kg raw    | ± — Bq/kg raw    |  |                                  | Cs134                      | 0.3 Bq/kg raw  |
| Bonito           | Iwaki City/ Nakanosaku Port   | Sep-24         | CA                        | Cs137              | — Bq/kg raw    | ± — Bq/kg raw    |  | Under Minimum Limit of Detection | Cs137                      | 0.1 Bq/kg raw  |
|                  |                               |                |                           | Cs134              | — Bq/kg raw    | ± — Bq/kg raw    |  |                                  | Cs134                      | 0.2 Bq/kg raw  |
| Horse mackerel   | Iwaki City Ena Port           | Oct-24         | OR                        | Cs137              | 0.5 Bq/kg raw  | ± 0.08 Bq/kg raw |  | 0.5                              | Cs137                      | 0.1 Bq/kg raw  |
|                  |                               |                |                           | Cs134              | — Bq/kg raw    | ± — Bq/kg raw    |  |                                  | Cs134                      | 0.1 Bq/kg raw  |
| Horse mackerel   | Soma,Fukushima/ Haragama Port | Sep-24         | CA                        | Cs137              | 0.2 Bq/kg raw  | ± 0.1 Bq/kg raw  |  | 0.2                              | Cs137                      | 0.2 Bq/kg raw  |
|                  |                               |                |                           | Cs134              | — Bq/kg raw    | ± — Bq/kg raw    |  |                                  | Cs134                      | 0.1 Bq/kg raw  |
| Anglerfish       | Soma,Fukushima/ Haragama Port | Jun-24         | OR                        | Cs137              | — Bq/kg raw    | ± — Bq/kg raw    |  | Under Minimum Limit of Detection | Cs137                      | 0.2 Bq/kg raw  |
|                  |                               |                |                           | Cs134              | — Bq/kg raw    | ± — Bq/kg raw    |  |                                  | Cs134                      | 0.1 Bq/kg raw  |
| Yellowtail       | Soma,Fukushima/ Haragama Port | Sep-24         | CA                        | Cs137              | 0.2 Bq/kg raw  | ± 0.09 Bq/kg raw |  | 0.2                              | Cs137                      | 0.1 Bq/kg raw  |
|                  |                               |                |                           | Cs134              | — Bq/kg raw    | ± — Bq/kg raw    |  |                                  | Cs134                      | 0.1 Bq/kg raw  |
| Yellowtail       | Soma,Fukushima/ Haragama Port | Sep-24         | CA                        | Cs137              | — Bq/kg raw    | ± — Bq/kg raw    |  | Under Minimum Limit of Detection | Cs137                      | 0.2 Bq/kg raw  |
|                  |                               |                |                           | Cs134              | — Bq/kg raw    | ± — Bq/kg raw    |  |                                  | Cs134                      | 0.2 Bq/kg raw  |
| Cutlass fish     | Soma,Fukushima/ Haragama Port | Jun-24         | CA                        | Cs137              | 0.2 Bq/kg raw  | ± 0.08 Bq/kg raw |  | 0.2                              | Cs137                      | 0.1 Bq/kg raw  |
|                  |                               |                |                           | Cs134              | — Bq/kg raw    | ± — Bq/kg raw    |  |                                  | Cs134                      | 0.1 Bq/kg raw  |
| Greeneye         | Soma,Fukushima/ Haragama Port | Sep-24         | CA                        | Cs137              | — Bq/kg raw    | ± — Bq/kg raw    |  | Under Minimum Limit of Detection | Cs137                      | 0.1 Bq/kg raw  |
|                  |                               |                |                           | Cs134              | — Bq/kg raw    | ± — Bq/kg raw    |  |                                  | Cs134                      | 0.1 Bq/kg raw  |
| Sea ravens       | Soma,Fukushima/ Haragama Port | Sep-24         | OR                        | Cs137              | 0.19 Bq/kg raw | ± 0.08 Bq/kg raw |  | 0.19                             | Cs137                      | 0.16 Bq/kg raw |
|                  |                               |                |                           | Cs134              | — Bq/kg raw    | ± — Bq/kg raw    |  |                                  | Cs134                      | 0.18 Bq/kg raw |
| Takifugu snyderi | Miyagi Pref./ Sendai Bay      | Sep-24         | CA                        | Cs137              | 0.23 Bq/kg raw | ± 0.09 Bq/kg raw |  | 0.23                             | Cs137                      | 0.18 Bq/kg raw |
|                  |                               |                |                           | Cs134              | — Bq/kg raw    | ± — Bq/kg raw    |  |                                  | Cs134                      | 0.2 Bq/kg raw  |

※"—used in Measurement Result and Uncertainty shows that the value is below the detection limit.

But it does not necessary mean 0(zero)Bq/kg.

| Samples                             | Sampling Point                             | Sampling Month | Measuring instrument type | Measurement Result |        |           | Uncertainty |        | Total Amount of Cesium           | Minimum Limit of Detection |        |           |
|-------------------------------------|--------------------------------------------|----------------|---------------------------|--------------------|--------|-----------|-------------|--------|----------------------------------|----------------------------|--------|-----------|
| Takifugu snyderi                    | Miyagi Pref./ Sendai Bay                   | Sep-24         | OR                        | Cs137              | —      | Bq/kg raw | ±           | —      | Under Minimum Limit of Detection | Cs137                      | 0.3    | Bq/kg raw |
|                                     |                                            |                |                           | Cs134              | —      | Bq/kg raw | ±           | —      |                                  | Cs134                      | 0.3    | Bq/kg raw |
| Flounder                            | Miyagi Pref./ Sendai Bay                   | Sep-24         | OR                        | Cs137              | 0.27   | Bq/kg raw | ±           | 0.04   | 0.27                             | Cs137                      | 0.08   | Bq/kg raw |
|                                     |                                            |                |                           | Cs134              | —      | Bq/kg raw | ±           | —      |                                  | Cs134                      | 0.1    | Bq/kg raw |
| Bakamatsutake mashroom              | Iwaki City.                                | Sep-24         | CA                        | Cs137              | 6416.9 | Bq/kg raw | ±           | 68.7   | 6510.4                           | Cs137                      | 15.4   | Bq/kg raw |
|                                     |                                            |                |                           | Cs134              | 93.5   | Bq/kg raw | ±           | 7.2    |                                  | Cs134                      | 17.2   | Bq/kg raw |
| Suillus bovinus                     | Tamura, Fukushima                          | Oct-24         | OR                        | Cs137              | 47.7   | Bq/kg raw | ±           | 4.9    | 47.7                             | Cs137                      | 5.0    | Bq/kg raw |
|                                     |                                            |                |                           | Cs134              | —      | Bq/kg raw | ±           | —      |                                  | Cs134                      | 6.0    | Bq/kg raw |
| Amanita ibotengutake                | Tamura, Fukushima                          | Oct-24         | CA                        | Cs137              | 194.0  | Bq/kg raw | ±           | 8.2    | 194.0                            | Cs137                      | 4.9    | Bq/kg raw |
|                                     |                                            |                |                           | Cs134              | —      | Bq/kg raw | ±           | —      |                                  | Cs134                      | 5.0    | Bq/kg raw |
| Amanita vaginata                    | Tamura, Fukushima                          | Oct-24         | OR                        | Cs137              | 2787.3 | Bq/kg raw | ±           | 60.8   | 2822.8                           | Cs137                      | 1.6    | Bq/kg raw |
|                                     |                                            |                |                           | Cs134              | 35.5   | Bq/kg raw | ±           | 9.9    |                                  | Cs134                      | 1.7    | Bq/kg raw |
| Oyster mushroom                     | Fukushima City                             | Oct-24         | OR                        | Cs137              | 13.5   | Bq/kg raw | ±           | 0.5    | 13.5                             | Cs137                      | 0.3    | Bq/kg raw |
|                                     |                                            |                |                           | Cs134              | —      | Bq/kg raw | ±           | —      |                                  | Cs134                      | 0.5    | Bq/kg raw |
| River water (Suspended solid)       | Tadami River/ Fukushima Pref.              | Oct-24         | CA                        | Cs137              | —      | Bq/L      | ±           | —      | Under Minimum Limit of Detection | Cs137                      | 0.001  | Bq/L      |
|                                     |                                            |                |                           | Cs134              | —      | Bq/L      | ±           | —      |                                  | Cs134                      | 0.001  | Bq/L      |
| Sea water                           | Iwaki City/ Onahama Port                   | Oct-24         | OR                        | Cs137              | 0.003  | Bq/L      | ±           | 0.0005 | 0.003                            | Cs137                      | 0.001  | Bq/L      |
|                                     |                                            |                |                           | Cs134              | —      | Bq/L      | ±           | —      |                                  | Cs134                      | 0.001  | Bq/L      |
| Sea water                           | Iwaki City/ Ena Port                       | Oct-24         | OR                        | Cs137              | 0.006  | Bq/L      | ±           | 0.0005 | 0.006                            | Cs137                      | 0.0009 | Bq/L      |
|                                     |                                            |                |                           | Cs134              | —      | Bq/L      | ±           | —      |                                  | Cs134                      | 0.001  | Bq/L      |
| Sea water                           | Iwaki City/ Yotsukura Port                 | Oct-24         | OR                        | Cs137              | 0.015  | Bq/L      | ±           | 0.0007 | 0.015                            | Cs137                      | 0.0009 | Bq/L      |
|                                     |                                            |                |                           | Cs134              | —      | Bq/L      | ±           | —      |                                  | Cs134                      | 0.001  | Bq/L      |
| Sea water (surface)                 | Miyagi Pref./ Sendaishin Port              | Sep-24         | OR                        | Cs137              | 0.002  | Bq/L      | ±           | 0.0005 | 0.002                            | Cs137                      | 0.0009 | Bq/L      |
|                                     |                                            |                |                           | Cs134              | —      | Bq/L      | ±           | —      |                                  | Cs134                      | 0.001  | Bq/L      |
| Sea water (lower)                   | Miyagi Pref./ Sendaishin Port              | Sep-24         | OR                        | Cs137              | 0.003  | Bq/L      | ±           | 0.0005 | 0.003                            | Cs137                      | 0.001  | Bq/L      |
|                                     |                                            |                |                           | Cs134              | —      | Bq/L      | ±           | —      |                                  | Cs134                      | 0.001  | Bq/L      |
| Sea water (lower)                   | Miyagi Pref./ Hamaichi Port                | Sep-24         | OR                        | Cs137              | 0.002  | Bq/L      | ±           | 0.0005 | 0.002                            | Cs137                      | 0.0009 | Bq/L      |
|                                     |                                            |                |                           | Cs134              | —      | Bq/L      | ±           | —      |                                  | Cs134                      | 0.001  | Bq/L      |
| Sea water (surface) Suspended solid | Miyagi Pref./ Sendaishin Port              | Sep-24         | CA                        | Cs137              | —      | Bq/L      | ±           | —      | Under Minimum Limit of Detection | Cs137                      | 0.002  | Bq/L      |
|                                     |                                            |                |                           | Cs134              | —      | Bq/L      | ±           | —      |                                  | Cs134                      | 0.001  | Bq/L      |
| Sea water (suspended solid)         | Iwaki City/ Yotsukura Port                 | Oct-24         | CA                        | Cs137              | —      | Bq/L      | ±           | —      | Under Minimum Limit of Detection | Cs137                      | 0.002  | Bq/L      |
|                                     |                                            |                |                           | Cs134              | —      | Bq/L      | ±           | —      |                                  | Cs134                      | 0.002  | Bq/L      |
| Sea water (suspended solid)         | Iwaki City/ Tomioka Port                   | Oct-24         | CA                        | Cs137              | 0.003  | Bq/L      | ±           | 0.0009 | 0.003                            | Cs137                      | 0.001  | Bq/L      |
|                                     |                                            |                |                           | Cs134              | —      | Bq/L      | ±           | —      |                                  | Cs134                      | 0.001  | Bq/L      |
| Sea water (lower) Suspended solid   | Miyagi Pref./ Abukuma River Estuary Offing | Sep-24         | CA                        | Cs137              | 0.008  | Bq/L      | ±           | 0.001  | 0.008                            | Cs137                      | 0.002  | Bq/L      |
|                                     |                                            |                |                           | Cs134              | —      | Bq/L      | ±           | —      |                                  | Cs134                      | 0.002  | Bq/L      |
| Soil                                | Fukushima/ Forest branch school Fuzawa     | Oct-24         | OR                        | Cs137              | 182.8  | Bq/kg dry | ±           | 4.5    | 186.1                            | Cs137                      | 2.6    | Bq/kg dry |
|                                     |                                            |                |                           | Cs134              | 3.3    | Bq/kg dry | ±           | 1.2    |                                  | Cs134                      | 2.4    | Bq/kg dry |
| Soil                                | Fukushima/ Forest branch school Fuzawa     | Oct-24         | OR                        | Cs137              | 153.3  | Bq/kg dry | ±           | 3.4    | 156.0                            | Cs137                      | 2.1    | Bq/kg dry |
|                                     |                                            |                |                           | Cs134              | 2.7    | Bq/kg dry | ±           | 1.0    |                                  | Cs134                      | 2.0    | Bq/kg dry |
| Soil                                | Yamanashi, Yamanashi Pref.                 | Sep-24         | OR                        | Cs137              | 4.4    | Bq/kg dry | ±           | 0.08   | 4.4                              | Cs137                      | 0.1    | Bq/kg dry |
|                                     |                                            |                |                           | Cs134              | —      | Bq/kg dry | ±           | —      |                                  | Cs134                      | 0.1    | Bq/kg dry |
| Soil                                | Uchigo, Iwaki Sakurai Park1                | Jun-24         | CA                        | Cs137              | 303.8  | Bq/kg dry | ±           | 4.7    | 307.2                            | Cs137                      | 2.3    | Bq/kg dry |
|                                     |                                            |                |                           | Cs134              | 3.4    | Bq/kg dry | ±           | 1.1    |                                  | Cs134                      | 2.3    | Bq/kg dry |
| Soil (under the horizontal bar)     | Uchigo, Iwaki Sakurai Park1                | Jun-24         | OR                        | Cs137              | 440.5  | Bq/kg dry | ±           | 5.3    | 448.3                            | Cs137                      | 2.2    | Bq/kg dry |
|                                     |                                            |                |                           | Cs134              | 7.8    | Bq/kg dry | ±           | 1.2    |                                  | Cs134                      | 2.2    | Bq/kg dry |
| Soil (under the bench①)             | Uchigo, Iwaki Sakurai Park1                | Jun-24         | OR                        | Cs137              | 386.6  | Bq/kg dry | ±           | 6.0    | 390.9                            | Cs137                      | 2.6    | Bq/kg dry |
|                                     |                                            |                |                           | Cs134              | 4.3    | Bq/kg dry | ±           | 1.3    |                                  | Cs134                      | 2.6    | Bq/kg dry |
| Soil (under the swing)              | Uchigo, Iwaki Sakurai Park1                | Jun-24         | CA                        | Cs137              | 259.1  | Bq/kg dry | ±           | 1.7    | 263.4                            | Cs137                      | 0.8    | Bq/kg dry |
|                                     |                                            |                |                           | Cs134              | 4.3    | Bq/kg dry | ±           | 0.3    |                                  | Cs134                      | 0.9    | Bq/kg dry |

※"\_"used in Measurement Result and Uncertainty shows that the value is below the detection limit.

But it does not necessary mean 0(zero)Bq/kg.

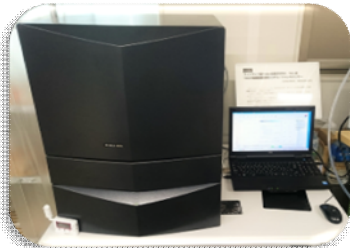
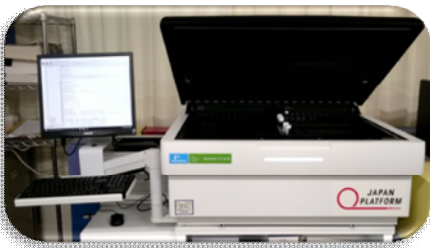
| Samples                    | Sampling Point                           | Sampling Month | Measuring instrument type | Measurement Result |       |           | Uncertainty |     | Total Amount of Cesium | Minimum Limit of Detection |     |           |
|----------------------------|------------------------------------------|----------------|---------------------------|--------------------|-------|-----------|-------------|-----|------------------------|----------------------------|-----|-----------|
| Soil<br>(under the bench②) | Uchigo, Iwaki<br>Sakurai Park.1          | Jun-24         | CA                        | Cs137              | 291.5 | Bq/kg dry | ±           | 1.7 | 296.1                  | Cs137                      | 0.7 | Bq/kg dry |
|                            |                                          |                |                           | Cs134              | 4.6   | Bq/kg dry | ±           | 0.4 |                        | Cs134                      | 0.8 | Bq/kg dry |
| Soil<br>(under the bench③) | Uchigo, Iwaki<br>Sakurai Park.1          | Jun-24         | CA                        | Cs137              | 412.5 | Bq/kg dry | ±           | 5.9 | 417.9                  | Cs137                      | 2.6 | Bq/kg dry |
|                            |                                          |                |                           | Cs134              | 5.4   | Bq/kg dry | ±           | 1.4 |                        | Cs134                      | 2.6 | Bq/kg dry |
| Soil<br>(shrubbery②)       | Izumigaoka, Iwaki<br>Izumigaokacyuo Park | Aug-24         | OR                        | Cs137              | 294.8 | Bq/kg dry | ±           | 5.9 | 294.8                  | Cs137                      | 2.8 | Bq/kg dry |
|                            |                                          |                |                           | Cs134              | 4.5   | Bq/kg dry | ±           | 1.4 |                        | Cs134                      | 2.6 | Bq/kg dry |
| Soil<br>(shrubbery③)       | Izumigaoka, Iwaki<br>Izumigaokacyuo Park | Aug-24         | CA                        | Cs137              | 374.9 | Bq/kg dry | ±           | 6.4 | 380.5                  | Cs137                      | 2.8 | Bq/kg dry |
|                            |                                          |                |                           | Cs134              | 5.6   | Bq/kg dry | ±           | 1.4 |                        | Cs134                      | 2.5 | Bq/kg dry |

※"\_"used in Measurement Result and Uncertainty shows that the value is below the detection limit.

But it does not necessary mean 0(zero)Bq/kg.



# ★Beta-ray

| Measuring instrument                                                              |                                                                                   | Feature                                                                                                                                                                                                                  |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Liquid Scintillation Counter                                                      |                                                                                   |                                                                                                                                                                                                                          |
| Product of Hidex<br><b>HIDEX 300SLL</b>                                           | Product of PerkinElmer Japan<br><b>Quantulus GCT 6220</b>                         | Equipment for measuring low-energy beta-ray emission nuclides                                                                                                                                                            |
|  |  | Measuring nuclide<br>Strontium90 Half-life 30 years<br>Organic bound Half-life 12.3 years<br>Free-water tritium Half-life 12.3 years<br>All samples are measured in liquid condition after several days of pretreatment. |

(Bq/Kg raw:Weight of raw sample Bq/Kg dry:Weight of dried sample)

| Samples                              | Sampling Point                                 | Sampling Month | Measurement Result   |                                            | Uncertainty   |                | Minimum Limit of Detection |  |
|--------------------------------------|------------------------------------------------|----------------|----------------------|--------------------------------------------|---------------|----------------|----------------------------|--|
| White rockfish (sebastes cheni)      | Fukushima Daiichi Nuclear Power Station Offing | Jul-24         | T(Tissue free water) | Under Minimum Limit of Detection Bq/L      | ± - Bq/L      | 0.35 Bq/L      |                            |  |
| Black rockfish (sebastes schlegelii) | Fukushima Daiichi Nuclear Power Station Offing | Jul-24         | T(Tissue free water) | Under Minimum Limit of Detection Bq/L      | ± - Bq/L      | 0.41 Bq/L      |                            |  |
| White rockfish (sebastes cheni)      | Fukushima Daiichi Nuclear Power Station Offing | Mar-24         | T(Organically bound) | Under Minimum Limit of Detection Bq/kg raw | ± - Bq/kg raw | 0.07 Bq/kg raw |                            |  |
| White rockfish (sebastes cheni)      | Miyagi Pref./ Sendai Bay                       | Apr-24         | T(Organically bound) | Under Minimum Limit of Detection Bq/kg raw | ± - Bq/kg raw | 0.07 Bq/kg raw |                            |  |
| Sea water B (surface)                | Fukushima Daiichi Nuclear Power Station Offing | Mar-24         | T(free)              | Under Minimum Limit of Detection Bq/L      | ± - Bq/L      | 0.04 Bq/L      |                            |  |
| Sea water D (surface)                | Fukushima Daiichi Nuclear Power Station Offing | Mar-24         | T(free)              | 0.65 Bq/L                                  | ± 0.06 Bq/L   | 0.04 Bq/L      |                            |  |
| Sea water D (lower)                  | Fukushima Daiichi Nuclear Power Station Offing | Mar-24         | T(free)              | 0.73 Bq/L                                  | ± 0.06 Bq/L   | 0.04 Bq/L      |                            |  |
| Sea water (surface)                  | Fukushima Pref./ Soma Port                     | Dec-23         | T(free)              | 0.12 Bq/L                                  | ± 0.04 Bq/L   | 0.04 Bq/L      |                            |  |
| Sea water (surface)                  | Fukushima Pref./ Ukedo Port                    | Dec-23         | T(free)              | 0.12 Bq/L                                  | ± 0.05 Bq/L   | 0.05 Bq/L      |                            |  |
| Sea water (surface)                  | Fukushima Pref./ Murakami Coast                | Dec-23         | T(free)              | 0.10 Bq/L                                  | ± 0.04 Bq/L   | 0.04 Bq/L      |                            |  |
| Sea water (surface)                  | Fukushima Pref./ Futaba Beach                  | Dec-23         | T(free)              | 0.12 Bq/L                                  | ± 0.05 Bq/L   | 0.04 Bq/L      |                            |  |
| White rockfish (sebastes cheni)      | Fukushima Daiichi Nuclear Power Station Offing | Mar-24         | Sr90                 | Under Minimum Limit of Detection Bq/kg dry | ± - Bq/kg dry | 0.14 Bq/kg dry |                            |  |
| Fox jacopever                        | Fukushima Daiichi Nuclear Power Station Offing | Apr-24         | Sr90                 | Under Minimum Limit of Detection Bq/kg dry | ± - Bq/kg dry | 0.11 Bq/kg dry |                            |  |
| Flounder                             | Miyagi Pref./ Sendai Bay                       | Oct-23         | Sr90                 | Under Minimum Limit of Detection Bq/kg dry | ± - Bq/kg dry | 0.10 Bq/kg dry |                            |  |
| Sea water (surface)                  | Miyagi Pref./ Sendaishin Port                  | Jun-24         | Sr90                 | Under Minimum Limit of Detection Bq/L      | ± - Bq/L      | 0.0004 Bq/L    |                            |  |
| Sea water (surface)                  | Miyagi Pref./ Sendaishin Port                  | Sep-24         | Sr90                 | Under Minimum Limit of Detection Bq/L      | ± - Bq/L      | 0.0005 Bq/L    |                            |  |
| Sea water A (surface)                | Fukushima Daiichi Nuclear Power Station Offing | Jul-24         | Sr90                 | 0.0009 Bq/L                                | ± 0.0003 Bq/L | 0.0004 Bq/L    |                            |  |
| Sea water A (lower)                  | Fukushima Daiichi Nuclear Power Station Offing | Jul-24         | Sr90                 | 0.0011 Bq/L                                | ± 0.0003 Bq/L | 0.0004 Bq/L    |                            |  |

(Bq/Kg raw:Weight of raw sample Bq/Kg dry:Weight of dried sample)

| Samples                 | Sampling Point                                 | Sampling Month | Measurement Result |        |           | Uncertainty |           | Minimum Limit of Detection |           |
|-------------------------|------------------------------------------------|----------------|--------------------|--------|-----------|-------------|-----------|----------------------------|-----------|
| Sea water B (surface)   | Fukushima Daiichi Nuclear Power Station Offing | Jul-24         | Sr90               | 0.0007 | Bq/L      | ± 0.0003    | Bq/L      | 0.0004                     | Bq/L      |
| Sea water B (lower)     | Fukushima Daiichi Nuclear Power Station Offing | Jul-24         | Sr90               | 0.0012 | Bq/L      | ± 0.0003    | Bq/L      | 0.0004                     | Bq/L      |
| Sea water C (surface)   | Fukushima Daiichi Nuclear Power Station Offing | Jul-24         | Sr90               | 0.0013 | Bq/L      | ± 0.0003    | Bq/L      | 0.0005                     | Bq/L      |
| Sea water C (lower)     | Fukushima Daiichi Nuclear Power Station Offing | Jul-24         | Sr90               | 0.0007 | Bq/L      | ± 0.0003    | Bq/L      | 0.0004                     | Bq/L      |
| Sea water D (surface)   | Fukushima Daiichi Nuclear Power Station Offing | Jul-24         | Sr90               | 0.0013 | Bq/L      | ± 0.0003    | Bq/L      | 0.0004                     | Bq/L      |
| Sea water D (lower)     | Fukushima Daiichi Nuclear Power Station Offing | Jul-24         | Sr90               | 0.0012 | Bq/L      | ± 0.0003    | Bq/L      | 0.0004                     | Bq/L      |
| Ash(wood-burning stove) | Uchigo, Iwaki, Fukushima                       | Sep-24         | Sr90               | 421.10 | Bq/kg dry | ± 2.50      | Bq/kg dry | 0.95                       | Bq/kg dry |

# Measurement results of 16 items by germanium semiconductor detector

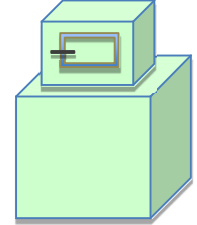
Dr.Tetsuji Imanaka, Institute of Multiple Nuclear Science, Kyoto University

In order to convey more measurement results to everyone, we have asked Dr. Tetsuji Imanaka of the Institute of Advanced Nuclear Science, Kyoto University, to measure low-dose samples using germanium semiconductor detectors. Measurement samples are not only from Fukushima Prefecture but also come from other prefectures. Please compare data based on measurements from various regions and use them to protect your children from radiation exposure.

## ★Gamma-ray

Measuring instrument : Germanium Semiconductor detector

- Product of CANBERRA(CA),USA GX3018 Relative efficiency 30% or more
- Product of ORTEC(OR),USA GMX25-70 Relative efficiency 35%

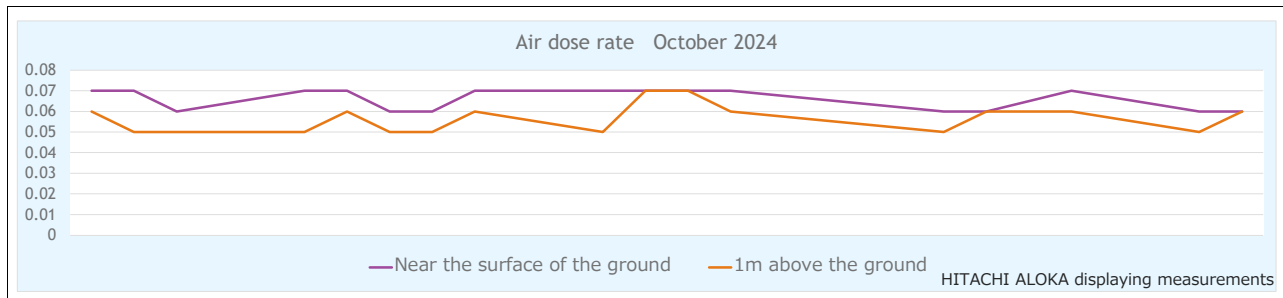


(Bq/kg raw:Weight of raw sample Bq/kg dry:Weight of dried sample)

| Samples                  | Sampling Point                    | Sampling Month | Measuring instrument type | Measurement Result |                | Uncertainty      |  | Total Amount of Cesium           | Minimum Limit of Detection |                |
|--------------------------|-----------------------------------|----------------|---------------------------|--------------------|----------------|------------------|--|----------------------------------|----------------------------|----------------|
| Rice                     | Namie, Futaba, Fukushima          | Oct-23         | CA                        | Cs137              | 1.7 Bq/kg raw  | ± 0.05 Bq/kg raw |  | 1.7                              | Cs137                      | Bq/kg raw      |
|                          |                                   |                |                           | Cs134              | — Bq/kg raw    | ± — Bq/kg raw    |  |                                  | Cs134                      | Bq/kg raw      |
| Barley (mochi mugi)      | Okuma, Futaba, Fukushima          | Dec-23         | OR                        | Cs137              | 3.2 Bq/kg raw  | ± 0.3 Bq/kg raw  |  | 3.2                              | Cs137                      | Bq/kg raw      |
|                          |                                   |                |                           | Cs134              | — Bq/kg raw    | ± — Bq/kg raw    |  |                                  | Cs134                      | Bq/kg raw      |
| Potato                   | Sukagawa, Fukushima               | Jul-24         | OR                        | Cs137              | — Bq/kg raw    | ± — Bq/kg raw    |  | Under Minimum Limit of Detection | Cs137                      | 0.06 Bq/kg raw |
|                          |                                   |                |                           | Cs134              | — Bq/kg raw    | ± — Bq/kg raw    |  |                                  | Cs134                      | Bq/kg raw      |
| Pumpkin                  | Motomiya, Fukushima               | Jul-24         | OR                        | Cs137              | 0.05 Bq/kg raw | ± 0.03 Bq/kg raw |  | 0.05                             | Cs137                      | Bq/kg raw      |
|                          |                                   |                |                           | Cs134              | — Bq/kg raw    | ± — Bq/kg raw    |  |                                  | Cs134                      | Bq/kg raw      |
| Carrot                   | Yabuki, Nishishirakawa, Fukushima | Jul-24         | CA                        | Cs137              | — Bq/kg raw    | ± — Bq/kg raw    |  | Under Minimum Limit of Detection | Cs137                      | 0.08 Bq/kg raw |
|                          |                                   |                |                           | Cs134              | — Bq/kg raw    | ± — Bq/kg raw    |  |                                  | Cs134                      | Bq/kg raw      |
| Cucumber                 | Otama, Adachi, Fukushima          | Jul-24         | CA                        | Cs137              | 0.14 Bq/kg raw | ± 0.01 Bq/kg raw |  | 0.14                             | Cs137                      | Bq/kg raw      |
|                          |                                   |                |                           | Cs134              | — Bq/kg raw    | ± — Bq/kg raw    |  |                                  | Cs134                      | Bq/kg raw      |
| Eggplant                 | Motomiya, Fukushima               | Jul-24         | CA                        | Cs137              | — Bq/kg raw    | ± — Bq/kg raw    |  | Under Minimum Limit of Detection | Cs137                      | 0.06 Bq/kg raw |
|                          |                                   |                |                           | Cs134              | — Bq/kg raw    | ± — Bq/kg raw    |  |                                  | Cs134                      | Bq/kg raw      |
| Green onion              | Otama, Adachi, Fukushima          | Jul-24         | OR                        | Cs137              | 0.41 Bq/kg raw | ± 0.07 Bq/kg raw |  | 0.41                             | Cs137                      | Bq/kg raw      |
|                          |                                   |                |                           | Cs134              | — Bq/kg raw    | ± — Bq/kg raw    |  |                                  | Cs134                      | Bq/kg raw      |
| Melon                    | Ryozen, Date, Fukushima           | Jul-24         | CA                        | Cs137              | 0.08 Bq/kg raw | ± 0.02 Bq/kg raw |  | 0.08                             | Cs137                      | Bq/kg raw      |
|                          |                                   |                |                           | Cs134              | — Bq/kg raw    | ± — Bq/kg raw    |  |                                  | Cs134                      | Bq/kg raw      |
| Peach                    | Kori, Date, Fukushima             | Jul-24         | OR                        | Cs137              | 0.07 Bq/kg raw | ± 0.02 Bq/kg raw |  | 0.07                             | Cs137                      | Bq/kg raw      |
|                          |                                   |                |                           | Cs134              | — Bq/kg raw    | ± — Bq/kg raw    |  |                                  | Cs134                      | Bq/kg raw      |
| Plum                     | Hobara, Date, Fukushima           | Jul-24         | CA                        | Cs137              | — Bq/kg raw    | ± — Bq/kg raw    |  | Under Minimum Limit of Detection | Cs137                      | 0.15 Bq/kg raw |
|                          |                                   |                |                           | Cs134              | — Bq/kg raw    | ± — Bq/kg raw    |  |                                  | Cs134                      | Bq/kg raw      |
| Grape                    | Soma, Fukushima                   | Jul-24         | CA                        | Cs137              | 0.04 Bq/kg raw | ± 0.02 Bq/kg raw |  | 0.04                             | Cs137                      | Bq/kg raw      |
|                          |                                   |                |                           | Cs134              | — Bq/kg raw    | ± — Bq/kg raw    |  |                                  | Cs134                      | Bq/kg raw      |
| Asparagus                | Aizuwakamatsu, Fukushima          | Jul-24         | CA                        | Cs137              | 0.05 Bq/kg raw | ± 0.02 Bq/kg raw |  | 0.05                             | Cs137                      | Bq/kg raw      |
|                          |                                   |                |                           | Cs134              | — Bq/kg raw    | ± — Bq/kg raw    |  |                                  | Cs134                      | Bq/kg raw      |
| Common bean              | Sukagawa, Fukushima               | Jul-24         | OR                        | Cs137              | 0.05 Bq/kg raw | ± 0.03 Bq/kg raw |  | 0.05                             | Cs137                      | Bq/kg raw      |
|                          |                                   |                |                           | Cs134              | — Bq/kg raw    | ± — Bq/kg raw    |  |                                  | Cs134                      | Bq/kg raw      |
| Japanese mustard spinach | Funehiki, Tamura, Fukushima       | Jul-24         | OR                        | Cs137              | — Bq/kg raw    | ± — Bq/kg raw    |  | Under Minimum Limit of Detection | Cs137                      | Bq/kg raw      |
|                          |                                   |                |                           | Cs134              | — Bq/kg raw    | ± — Bq/kg raw    |  |                                  | Cs134                      | Bq/kg raw      |
| Red perilla              | Soma, Fukushima                   | Jul-24         | OR                        | Cs137              | 0.33 Bq/kg raw | ± 0.11 Bq/kg raw |  | 0.33                             | Cs137                      | Bq/kg raw      |
|                          |                                   |                |                           | Cs134              | — Bq/kg raw    | ± — Bq/kg raw    |  |                                  | Cs134                      | Bq/kg raw      |

# Air dose rate October 2024

| Measuring Instrument                                                                                               |                                                                                   | Measuring Place                                                                    |
|--------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|
| CsI Scintillation survey meter<br>◎HITACHI ALOKA<br>TCS-1172                                                       | NaI Scintillation survey meter<br>㊟HORIBA Radi PA-1100                            | Yokocho Park,<br>Onahama, Iwaki, Fukushima                                         |
|                                   |  |  |
| Feature:Measuring air (space) radiation dose and radioactive surface contamination of human body and other things. |                                                                                   |                                                                                    |



| Measuring Date | Weather                                                                             | HITACHI ALOKA                         | HORIBA Radi | HITACHI ALOKA              | HORIBA Radi |
|----------------|-------------------------------------------------------------------------------------|---------------------------------------|-------------|----------------------------|-------------|
|                |                                                                                     | Near the surface of the ground(μSv/h) |             | 1m above the ground(μSv/h) |             |
| 2024/10/1      |    | 0.07                                  | 0.072       | 0.06                       | 0.061       |
| 2024/10/2      |    | 0.07                                  | 0.066       | 0.05                       | 0.066       |
| 2024/10/3      |    | 0.06                                  | 0.066       | 0.05                       | 0.061       |
| 2024/10/4      |  | 0.07                                  | 0.073       | 0.05                       | 0.059       |
| Measuring Date | Weather                                                                             | Near the surface of the ground(μSv/h) |             | 1m above the ground(μSv/h) |             |
| 2024/10/7      |  | 0.07                                  | 0.072       | 0.06                       | 0.060       |
| 2024/10/8      |  | 0.06                                  | 0.069       | 0.05                       | 0.060       |
| 2024/10/9      |  | 0.06                                  | 0.059       | 0.05                       | 0.058       |
| 2024/10/10     |  | 0.07                                  | 0.069       | 0.06                       | 0.061       |
| 2024/10/11     |  | 0.07                                  | 0.071       | 0.05                       | 0.060       |
| Measuring Date | Weather                                                                             | Near the surface of the ground(μSv/h) |             | 1m above the ground(μSv/h) |             |
| 2024/10/15     |  | 0.07                                  | 0.057       | 0.07                       | 0.058       |
| 2024/10/16     |  | 0.07                                  | 0.058       | 0.07                       | 0.066       |
| 2024/10/18     |  | 0.07                                  | 0.066       | 0.06                       | 0.060       |
| Measuring Date | Weather                                                                             | Near the surface of the ground(μSv/h) |             | 1m above the ground(μSv/h) |             |
| 2024/10/21     |  | 0.06                                  | 0.068       | 0.05                       | 0.059       |
| 2024/10/22     |  | 0.06                                  | 0.065       | 0.06                       | 0.057       |
| 2024/10/23     |  | 0.07                                  | 0.067       | 0.06                       | 0.060       |
| 2024/10/24     |  | 0.06                                  | 0.060       | 0.05                       | 0.058       |
| 2024/10/25     |  | 0.06                                  | 0.070       | 0.06                       | 0.059       |
| 測定日            | 天気                                                                                  | 地表付近(μSv/h)                           |             | 地表 1m(μSv/h)               |             |
| 2024/10/28     |  | 0.07                                  | 0.076       | 0.06                       | 0.062       |
| 2024/10/29     |  | 0.06                                  | 0.064       | 0.05                       | 0.061       |
| 2024/10/30     |  | 0.06                                  | 0.061       | 0.06                       | 0.057       |
| 2024/10/31     |  | 0.07                                  | 0.073       | 0.05                       | 0.057       |