



Radiation Measurement Results of 218 Items in April






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 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 |
| Germanium Semiconductor detector | | | |
| ORTEC GEM30-70  | | · Radioactivity measurement series. Quantitative analysis based on "Gamma-ray spectrometry with germanium semiconductor detector." · Relative efficiency 35% | Food (Sample 2kg) Lower limit 0.04Bq/Kg Soil (Sample 1kg) Lower limit 0.06Bq/Kg Material (Sample 1kg) Lower limit 0.06Bq/Kg Water (Sample 20L) Lower limit 0.001Bq/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 | |
|-----------------------|--------------------------------------|----------------|--------------------|-------------|---------------|----------------------------------|----------------------------|---------------|
| | | | Cs137 | Cs134 | | | Cs137 | Cs134 |
| Rice | Date, Fukushima | Oct-20 | 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 | 1.4 Bq/kg raw |
| Rice | Nishigo, Nishishirakawa, Fukushima | Oct-20 | Cs137 | — Bq/kg raw | ± — Bq/kg raw | Under Minimum Limit of Detection | Cs137 | 1.6 Bq/kg raw |
| | | | Cs134 | — Bq/kg raw | ± — Bq/kg raw | | Cs134 | 1.5 Bq/kg raw |
| Potato | Hokkaido | Apr-21 | 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 | 1.8 Bq/kg raw |
| Taro | Yonezawa, Yamagata | Apr-21 | 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 |
| Sweet potato | Izumizaki, Nishishirakawa, Fukushima | Mar-21 | Cs137 | — Bq/kg raw | ± — Bq/kg raw | Under Minimum Limit of Detection | Cs137 | 2.4 Bq/kg raw |
| | | | Cs134 | — Bq/kg raw | ± — Bq/kg raw | | Cs134 | 2.2 Bq/kg raw |
| Sweet potato | Yonezawa, Yamagata | Apr-21 | 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 | 2.1 Bq/kg raw |
| Carrot | Motomiya, Fukushima | Mar-21 | 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 | 2.1 Bq/kg raw |
| Carrot | Taira Shimokabeya, Iwaki | Apr-21 | 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 | 2.2 Bq/kg raw |
| Burdock | Yamamoto, Watari, Miyagi | Apr-21 | Cs137 | — Bq/kg raw | ± — Bq/kg raw | Under Minimum Limit of Detection | Cs137 | 3.4 Bq/kg raw |
| | | | Cs134 | — Bq/kg raw | ± — Bq/kg raw | | Cs134 | 3.2 Bq/kg raw |
| Chinese yam | Nihonmatsu, Fukushima | Mar-21 | 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 |
| Japanese white radish | Iitate, Soma, Fukushima | Mar-21 | 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 | 2.1 Bq/kg raw |
| Japanese white radish | Minamiaizu, Fukushima | Mar-21 | 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 | 2.1 Bq/kg raw |
| Yacon | Funehiki, Tamura, Fukushima | Mar-21 | 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 |
| Yacon | Murata, Shibata, Miyagi | Apr-21 | 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 |

※"_" 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 | |
|-----------------------------------|-----------------------------|----------------|--------------------|-------|-------------|---|----------------------------------|----------------------------|-------|
| | | | Cs137 | Cs134 | ± | — | | Cs137 | Cs134 |
| Onion | Ogoe, Tamura, Fukushima | Apr-21 | Cs137 | — | ± | — | Under Minimum Limit of Detection | Cs137 | 2.1 |
| | | | Cs134 | — | ± | — | | Cs134 | 2.0 |
| Spring onion | Chiba Pref. | Mar-21 | Cs137 | — | ± | — | Under Minimum Limit of Detection | Cs137 | 2.8 |
| | | | Cs134 | — | ± | — | | Cs134 | 2.6 |
| Cabbage | Iitate, Soma, Fukushima | Apr-21 | Cs137 | — | ± | — | Under Minimum Limit of Detection | Cs137 | 3.2 |
| | | | Cs134 | — | ± | — | | Cs134 | 2.9 |
| Cabbage | Aizuwakamatsu, Fukushima | Apr-21 | Cs137 | — | ± | — | Under Minimum Limit of Detection | Cs137 | 3.0 |
| | | | Cs134 | — | ± | — | | Cs134 | 2.8 |
| Cabbage | Shiraishi, Miyagi | Apr-21 | Cs137 | — | ± | — | Under Minimum Limit of Detection | Cs137 | 3.0 |
| | | | Cs134 | — | ± | — | | Cs134 | 2.8 |
| Cabbage | Ibaraki Pref. | Apr-21 | Cs137 | — | ± | — | Under Minimum Limit of Detection | Cs137 | 3.0 |
| | | | Cs134 | — | ± | — | | Cs134 | 2.8 |
| Violet cabbage | Nagano Pref. | Apr-21 | Cs137 | — | ± | — | Under Minimum Limit of Detection | Cs137 | 2.5 |
| | | | Cs134 | — | ± | — | | Cs134 | 2.4 |
| Lettuce | Funahiki, Tamura, Fukushima | Apr-21 | Cs137 | — | ± | — | Under Minimum Limit of Detection | Cs137 | 2.0 |
| | | | Cs134 | — | ± | — | | Cs134 | 1.8 |
| Spinach | Namie, Futaba, Fukushima | Mar-21 | Cs137 | — | ± | — | Under Minimum Limit of Detection | Cs137 | 3.4 |
| | | | Cs134 | — | ± | — | | Cs134 | 3.2 |
| Spinach | Motomiya, Fukushima | Mar-21 | Cs137 | — | ± | — | Under Minimum Limit of Detection | Cs137 | 2.9 |
| | | | Cs134 | — | ± | — | | Cs134 | 2.7 |
| Spinach | Ogoe, Tamura, Fukushima | Apr-21 | Cs137 | — | ± | — | Under Minimum Limit of Detection | Cs137 | 3.2 |
| | | | Cs134 | — | ± | — | | Cs134 | 2.5 |
| Spinach | Inawashiro, Yama, Fukushima | Apr-21 | Cs137 | — | ± | — | Under Minimum Limit of Detection | Cs137 | 2.6 |
| | | | Cs134 | — | ± | — | | Cs134 | 2.1 |
| Spinach | Watari, Watari, Miyagi | Apr-21 | Cs137 | — | ± | — | Under Minimum Limit of Detection | Cs137 | 4.3 |
| | | | Cs134 | — | ± | — | | Cs134 | 4.1 |
| Japanese mustard spinach | Motomiya, Fukushima | Mar-21 | Cs137 | — | ± | — | Under Minimum Limit of Detection | Cs137 | 2.0 |
| | | | Cs134 | — | ± | — | | Cs134 | 1.8 |
| Japanese mustard spinach | Inawashiro, Yama, Fukushima | Apr-21 | Cs137 | — | ± | — | Under Minimum Limit of Detection | Cs137 | 3.2 |
| | | | Cs134 | — | ± | — | | Cs134 | 2.6 |
| Japanese mustard spinach | Ono, Tamura, Fukushima | Apr-21 | Cs137 | — | ± | — | Under Minimum Limit of Detection | Cs137 | 3.6 |
| | | | Cs134 | — | ± | — | | Cs134 | 2.9 |
| Japanese mustard spinach | Iwaki city | Apr-21 | Cs137 | — | ± | — | Under Minimum Limit of Detection | Cs137 | 3.3 |
| | | | Cs134 | — | ± | — | | Cs134 | 3.1 |
| Chinese flat cabbage | Iitate, Soma, Fukushima | Apr-21 | Cs137 | — | ± | — | Under Minimum Limit of Detection | Cs137 | 2.9 |
| | | | Cs134 | — | ± | — | | Cs134 | 2.5 |
| Tsubomina | Miharu, Tamura, Fukushima | Apr-21 | Cs137 | — | ± | — | Under Minimum Limit of Detection | Cs137 | 3.4 |
| | | | Cs134 | — | ± | — | | Cs134 | 2.8 |
| Kaburena | Fukushima, Fukushima | Apr-21 | Cs137 | — | ± | — | Under Minimum Limit of Detection | Cs137 | 2.7 |
| | | | Cs134 | — | ± | — | | Cs134 | 2.1 |
| Katsuona | Date, Fukushima | Apr-21 | Cs137 | — | ± | — | Under Minimum Limit of Detection | Cs137 | 2.1 |
| | | | Cs134 | — | ± | — | | Cs134 | 1.7 |
| Hanawasabi (Japanese horseradish) | Fukushima, Fukushima Pref. | Mar-21 | Cs137 | — | ± | — | Under Minimum Limit of Detection | Cs137 | 2.5 |
| | | | Cs134 | — | ± | — | | Cs134 | 2.2 |
| Hanawasabi (Japanese horseradish) | Shiraishi, Miyagi | Apr-21 | Cs137 | — | ± | — | Under Minimum Limit of Detection | Cs137 | 2.2 |
| | | | Cs134 | — | ± | — | | Cs134 | 1.8 |
| Kukitachina | Murata, Shibata, Miyagi | Apr-21 | Cs137 | — | ± | — | Under Minimum Limit of Detection | Cs137 | 3.7 |
| | | | Cs134 | — | ± | — | | Cs134 | 3.0 |

※"_" 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 | |
|------------------|-----------------------------|----------------|--------------------|-----------------|-------------|----------------|----------------------------------|----------------------------|---------------|
| Ashitaba | Shiraishi, Miyagi | Apr-21 | Cs137 | — Bq/kg raw | ± | — Bq/kg raw | Under Minimum Limit of Detection | Cs137 | 5.4 Bq/kg raw |
| | | | Cs134 | — Bq/kg raw | ± | — Bq/kg raw | | Cs134 | 4.3 Bq/kg raw |
| Broccoli | Miharu, Tamura, Fukushima | Apr-21 | 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 | 1.6 Bq/kg raw |
| Asparagus | Fukushima Pref. | Mar-21 | 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 | 1.5 Bq/kg raw |
| Paprika | Yamamoto, Watari, Miyagi | Apr-21 | 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 | 1.3 Bq/kg raw |
| Celery | Nagano Pref. | Apr-21 | Cs137 | — Bq/kg raw | ± | — Bq/kg raw | Under Minimum Limit of Detection | Cs137 | 2.7 Bq/kg raw |
| | | | Cs134 | — Bq/kg raw | ± | — Bq/kg raw | | Cs134 | 2.5 Bq/kg raw |
| Watercress | Yamamoto, Watari, Miyagi | Apr-21 | 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 | 2.3 Bq/kg raw |
| Saltwort | Yonezawa, Yamagata | Apr-21 | 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 | 2.4 Bq/kg raw |
| Cherry tomato | Yamamoto, Watari, Miyagi | Apr-21 | Cs137 | — Bq/kg raw | ± | — Bq/kg raw | Under Minimum Limit of Detection | Cs137 | 1.6 Bq/kg raw |
| | | | Cs134 | — Bq/kg raw | ± | — Bq/kg raw | | Cs134 | 1.2 Bq/kg raw |
| Bamboo shoot | Naraha, Futaba, Fukushima | Apr-21 | Cs137 | 488.0 Bq/kg raw | ± | 98.0 Bq/kg raw | 511.8 | Cs137 | 2.6 Bq/kg raw |
| | | | Cs134 | 23.8 Bq/kg raw | ± | 5.2 Bq/kg raw | | Cs134 | 2.5 Bq/kg raw |
| Bamboo shoot | Naraha, Futaba, Fukushima | Apr-21 | Cs137 | 287.0 Bq/kg raw | ± | 57.0 Bq/kg raw | 300.0 | Cs137 | 3.6 Bq/kg raw |
| | | | Cs134 | 13.0 Bq/kg raw | ± | 3.2 Bq/kg raw | | Cs134 | 2.8 Bq/kg raw |
| Bamboo shoot | Kubo, Kashima, Iwaki | Apr-21 | Cs137 | 96.9 Bq/kg raw | ± | 19.4 Bq/kg raw | 96.9 | Cs137 | 3.3 Bq/kg raw |
| | | | Cs134 | — Bq/kg raw | ± | — Bq/kg raw | | Cs134 | 2.7 Bq/kg raw |
| Bamboo shoot | Kawabe, Iwaki | Apr-21 | Cs137 | 57.0 Bq/kg raw | ± | 11.4 Bq/kg raw | 57.0 | Cs137 | 3.9 Bq/kg raw |
| | | | Cs134 | — Bq/kg raw | ± | — Bq/kg raw | | Cs134 | 3.2 Bq/kg raw |
| Bamboo shoot | Kawabe, Iwaki | Apr-21 | Cs137 | 17.8 Bq/kg raw | ± | 4.0 Bq/kg raw | 17.8 | Cs137 | 2.7 Bq/kg raw |
| | | | Cs134 | — Bq/kg raw | ± | — Bq/kg raw | | Cs134 | 2.2 Bq/kg raw |
| Bamboo shoot | Shimokawa, Izumi, Iwaki | Apr-21 | Cs137 | 7.9 Bq/kg raw | ± | 1.9 Bq/kg raw | 7.9 | Cs137 | 1.8 Bq/kg raw |
| | | | Cs134 | — Bq/kg raw | ± | — Bq/kg raw | | Cs134 | 1.6 Bq/kg raw |
| Bamboo shoot | Ibaraki Pref. | Apr-21 | 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 | 2.4 Bq/kg raw |
| Bamboo shoot | Kumamoto Pref. | Apr-21 | Cs137 | — Bq/kg raw | ± | — Bq/kg raw | Under Minimum Limit of Detection | Cs137 | 3.9 Bq/kg raw |
| | | | Cs134 | — Bq/kg raw | ± | — Bq/kg raw | | Cs134 | 3.1 Bq/kg raw |
| Japanese parsley | Ibaraki Pref. | Apr-21 | 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 | 1.6 Bq/kg raw |
| Mountain udo | Miharu, Tamura, Fukushima | Apr-21 | 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 | 1.8 Bq/kg raw |
| Butterbur(stem) | Kawauchi, Futaba, Fukushima | Apr-21 | Cs137 | 3.1 Bq/kg raw | ± | 1.8 Bq/kg raw | 3.1 | Cs137 | 2.9 Bq/kg raw |
| | | | Cs134 | — Bq/kg raw | ± | — Bq/kg raw | | Cs134 | 2.4 Bq/kg raw |
| Butterbur(stem) | Funehiki, Tamura, Fukushima | Apr-21 | 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 |
| Butterbur(stem) | Tairashimokabeya, Iwaki | Apr-21 | Cs137 | — Bq/kg raw | ± | — Bq/kg raw | Under Minimum Limit of Detection | Cs137 | 1.6 Bq/kg raw |
| | | | Cs134 | — Bq/kg raw | ± | — Bq/kg raw | | Cs134 | 1.2 Bq/kg raw |
| Butterbur(stem) | Tairashimokabeya, Iwaki | Apr-21 | Cs137 | — Bq/kg raw | ± | — Bq/kg raw | Under Minimum Limit of Detection | Cs137 | 5.2 Bq/kg raw |
| | | | Cs134 | — Bq/kg raw | ± | — Bq/kg raw | | Cs134 | 4.2 Bq/kg raw |
| Butterbur(stem) | Shiraishi, Miyagi | Apr-21 | 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 |
| Butterbur(stem) | Yamamoto, Watari, Miyagi | Apr-21 | 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 |

*"_" 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 | |
|--|--------------------------------------|----------------|--------------------|-----------------|------------------|----------------------------------|----------------------------|----------------|
| Butterbur (leaf) | Yamamoto, Watari, Miyagi | Apr-21 | 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 | 2.0 Bq/kg raw |
| Butterbur sprout | Tairashimokabeya, Iwaki | Apr-21 | Cs137 | — Bq/kg raw | ± — Bq/kg raw | Under Minimum Limit of Detection | Cs137 | 4.7 Bq/kg raw |
| | | | Cs134 | — Bq/kg raw | ± — Bq/kg raw | | Cs134 | 3.8 Bq/kg raw |
| Butterbur sprout | Tairashimokabeya, Iwaki | Apr-21 | Cs137 | — Bq/kg raw | ± — Bq/kg raw | Under Minimum Limit of Detection | Cs137 | 17.3 Bq/kg raw |
| | | | Cs134 | — Bq/kg raw | ± — Bq/kg raw | | Cs134 | 14.3 Bq/kg raw |
| Bracken | Tairafujima, Iwaki | Apr-21 | Cs137 | — Bq/kg raw | ± — Bq/kg raw | Under Minimum Limit of Detection | Cs137 | 2.4 Bq/kg raw |
| | | | Cs134 | — Bq/kg raw | ± — Bq/kg raw | | Cs134 | 2.1 Bq/kg raw |
| Bracken | Watari, Watari, Miyagi | Apr-21 | 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 | 1.6 Bq/kg raw |
| Ukogi | Fukushima, Fukushima | Apr-21 | Cs137 | — Bq/kg raw | ± — Bq/kg raw | Under Minimum Limit of Detection | Cs137 | 5.9 Bq/kg raw |
| | | | Cs134 | — Bq/kg raw | ± — Bq/kg raw | | Cs134 | 4.7 Bq/kg raw |
| Shitake mushroom log grown (Non distribution/Cultivation test) | Tamura, Fukushima | Apr-21 | Cs137 | 331.0 Bq/kg raw | ± 66.0 Bq/kg raw | 331.0 | Cs137 | 6.3 Bq/kg raw |
| | | | Cs134 | — Bq/kg raw | ± — Bq/kg raw | | Cs134 | 5.1 Bq/kg raw |
| Shitake mushroom log grown (Non distribution/Cultivation test) | Tamura, Fukushima | Apr-21 | Cs137 | 283.0 Bq/kg raw | ± 57.0 Bq/kg raw | 297.0 | Cs137 | 5.8 Bq/kg raw |
| | | | Cs134 | 14.0 Bq/kg raw | ± 4.0 Bq/kg raw | | Cs134 | 4.4 Bq/kg raw |
| Shitake mushroom log grown (Non distribution/Cultivation test) | Tamura, Fukushima | Apr-21 | Cs137 | 161.0 Bq/kg raw | ± 32.0 Bq/kg raw | 165.3 | Cs137 | 5.1 Bq/kg raw |
| | | | Cs134 | 4.3 Bq/kg raw | ± 2.6 Bq/kg raw | | Cs134 | 4.0 Bq/kg raw |
| Shitake mushroom log grown (Non distribution/Cultivation test) | Tamura, Fukushima | Apr-21 | Cs137 | 145.0 Bq/kg raw | ± 29.0 Bq/kg raw | 145.0 | Cs137 | 5.4 Bq/kg raw |
| | | | Cs134 | — Bq/kg raw | ± — Bq/kg raw | | Cs134 | 4.2 Bq/kg raw |
| Shitake mushroom log grown (Non distribution/Cultivation test) | Tamura, Fukushima | Apr-21 | Cs137 | 20.8 Bq/kg raw | ± 5.2 Bq/kg raw | 20.8 | Cs137 | 4.6 Bq/kg raw |
| | | | Cs134 | — Bq/kg raw | ± — Bq/kg raw | | Cs134 | 4.2 Bq/kg raw |
| Shitake mushroom log grown | Motomiya, Fukushima | Mar-21 | Cs137 | 2.9 Bq/kg raw | ± 1.4 Bq/kg raw | 2.9 | Cs137 | 1.4 Bq/kg raw |
| | | | Cs134 | — Bq/kg raw | ± — Bq/kg raw | | Cs134 | 1.1 Bq/kg raw |
| Solted mushroom | Aizu, Minamiaizu, Fukushima | Mar-21 | 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 | 1.5 Bq/kg raw |
| Boar (heart, liver) | Onahama-shimokajiro, Iwaki | Apr-21 | Cs137 | 16.9 Bq/kg raw | ± 3.9 Bq/kg raw | 16.9 | Cs137 | 2.6 Bq/kg raw |
| | | | Cs134 | — Bq/kg raw | ± — Bq/kg raw | | Cs134 | 2.1 Bq/kg raw |
| Venison(thigh) | Yamada, Shimoheigun, Iwate | Mar-21 | Cs137 | 11.9 Bq/kg raw | ± 2.7 Bq/kg raw | 11.9 | Cs137 | 1.8 Bq/kg raw |
| | | | Cs134 | — Bq/kg raw | ± — Bq/kg raw | | Cs134 | 1.7 Bq/kg raw |
| Kiwi fruit | Tochigi Pref. | Apr-21 | 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 | 1.6 Bq/kg raw |
| Flour | Nihonmatsu, Fukushima | Mar-21 | 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 |
| Soybeans | Shirakawa, Fukushima | Mar-21 | 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 |
| Miso | Izumizaki, Nishishirakawa, Fukushima | Mar-21 | 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 | 1.6 Bq/kg raw |
| Tofu | Miyagi Pref. | Apr-21 | 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 | 1.3 Bq/kg raw |
| Soy pulp | Tamura, Fukushima | Apr-21 | Cs137 | — Bq/kg raw | ± — Bq/kg raw | Under Minimum Limit of Detection | Cs137 | 2.7 Bq/kg raw |
| | | | Cs134 | — Bq/kg raw | ± — Bq/kg raw | | Cs134 | 2.5 Bq/kg raw |
| Strawberry jum | Okuma, Futaba, Fukushima | Apr-21 | Cs137 | — Bq/kg raw | ± — Bq/kg raw | Under Minimum Limit of Detection | Cs137 | 1.4 Bq/kg raw |
| | | | Cs134 | — Bq/kg raw | ± — Bq/kg raw | | Cs134 | 1.1 Bq/kg raw |
| Whole corn | Thailand (production) | 2021 | 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 | 1.5 Bq/kg raw |
| Horsetail | Ono, Tamura, Fukushima | Apr-21 | Cs137 | 3.0 Bq/kg raw | ± 2.1 Bq/kg raw | 3.0 | Cs137 | 2.8 Bq/kg raw |
| | | | Cs134 | — Bq/kg raw | ± — Bq/kg raw | | Cs134 | 2.4 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 | | |
|----------------------|---|----------------|--------------------|------------------|--------------------|----------------------------------|------------------------|----------------------------|-------|----------------|
| Horsetail | Shimokuramoti, Kashima, Iwaki | Apr-21 | Cs137 | — Bq/kg raw | ± — Bq/kg raw | Under Minimum Limit of Detection | Cs137 | 18.0 Bq/kg raw | Cs134 | 15.0 Bq/kg raw |
| | | | Cs134 | — Bq/kg raw | ± — Bq/kg raw | | | 15.0 Bq/kg raw | | |
| Oshida (fern) sprout | Shiraishi, Miyagi | Apr-21 | Cs137 | — Bq/kg raw | ± — Bq/kg raw | Under Minimum Limit of Detection | Cs137 | 2.5 Bq/kg raw | Cs134 | 1.9 Bq/kg raw |
| | | | Cs134 | — Bq/kg raw | ± — Bq/kg raw | | | 1.9 Bq/kg raw | | |
| Walnuts(peel) | Nishigo, Nishishirakawa, Fukushima | Mar-21 | Cs137 | — Bq/kg raw | ± — Bq/kg raw | Under Minimum Limit of Detection | Cs137 | 3.0 Bq/kg raw | Cs134 | 2.4 Bq/kg raw |
| | | | Cs134 | — Bq/kg raw | ± — Bq/kg raw | | | 2.4 Bq/kg raw | | |
| Ash (Firewood stove) | Kawauchi, Futaba, Fukushima | Mar-21 | Cs137 | 6160.0 Bq/kg raw | ± 1230.0 Bq/kg raw | 6695.0 | Cs137 | 4.1 Bq/kg raw | Cs134 | 3.8 Bq/kg raw |
| | | | Cs134 | 535.0 Bq/kg raw | ± 107.0 Bq/kg raw | | | 3.8 Bq/kg raw | | |
| Soil (in the park) | Tyayanuma Park Watari, Fukushima, Fukushima | Apr-21 | Cs137 | 8540.0 Bq/kg dry | ± 862.0 Bq/kg dry | 8927.0 | Cs137 | 6.5 Bq/kg dry | Cs134 | 5.4 Bq/kg dry |
| | | | Cs134 | 387.0 Bq/kg dry | ± 40.3 Bq/kg dry | | | 5.4 Bq/kg dry | | |
| Soil (in the park) | Tyayanuma Park Watari, Fukushima, Fukushima | Apr-21 | Cs137 | 5850.0 Bq/kg dry | ± 592.0 Bq/kg dry | 6122.0 | Cs137 | 6.5 Bq/kg dry | Cs134 | 5.3 Bq/kg dry |
| | | | Cs134 | 272.0 Bq/kg dry | ± 28.8 Bq/kg dry | | | 5.3 Bq/kg dry | | |
| Soil (in the park) | Tyayanuma Park Watari, Fukushima, Fukushima | Apr-21 | Cs137 | 4890.0 Bq/kg dry | ± 495.0 Bq/kg dry | 5105.0 | Cs137 | 6.0 Bq/kg dry | Cs134 | 5.3 Bq/kg dry |
| | | | Cs134 | 215.0 Bq/kg dry | ± 23.1 Bq/kg dry | | | 5.3 Bq/kg dry | | |
| Soil (in the park) | Tyayanuma Park Watari, Fukushima, Fukushima | Apr-21 | Cs137 | 3620.0 Bq/kg dry | ± 368.0 Bq/kg dry | 3781.0 | Cs137 | 5.3 Bq/kg dry | Cs134 | 4.6 Bq/kg dry |
| | | | Cs134 | 161.0 Bq/kg dry | ± 17.5 Bq/kg dry | | | 4.6 Bq/kg dry | | |
| Soil (in the park) | Tyayanuma Park Watari, Fukushima, Fukushima | Apr-21 | Cs137 | 2520.0 Bq/kg dry | ± 256.0 Bq/kg dry | 2632.0 | Cs137 | 3.8 Bq/kg dry | Cs134 | 3.6 Bq/kg dry |
| | | | Cs134 | 112.0 Bq/kg dry | ± 12.2 Bq/kg dry | | | 3.6 Bq/kg dry | | |
| Soil (in the park) | Tyayanuma Park Watari, Fukushima, Fukushima | Apr-21 | Cs137 | 548.0 Bq/kg dry | ± 56.6 Bq/kg dry | 569.7 | Cs137 | 2.3 Bq/kg dry | Cs134 | 2.6 Bq/kg dry |
| | | | Cs134 | 21.7 Bq/kg dry | ± 2.8 Bq/kg dry | | | 2.6 Bq/kg dry | | |
| Soil (in the park) | Tyayanuma Park Watari, Fukushima, Fukushima | Apr-21 | Cs137 | 515.0 Bq/kg dry | ± 52.4 Bq/kg dry | 530.9 | Cs137 | 1.3 Bq/kg dry | Cs134 | 1.5 Bq/kg dry |
| | | | Cs134 | 15.9 Bq/kg dry | ± 2.0 Bq/kg dry | | | 1.5 Bq/kg dry | | |
| Soil (in the park) | Tyayanuma Park Watari, Fukushima, Fukushima | Apr-21 | Cs137 | 6.3 Bq/kg dry | ± 0.9 Bq/kg dry | 6.3 | Cs137 | 1.1 Bq/kg dry | Cs134 | 1.2 Bq/kg dry |
| | | | Cs134 | — Bq/kg dry | ± — Bq/kg dry | | | 1.2 Bq/kg dry | | |
| Soil (in the park) | Izumigaoka Daiichi Park 3Izumigaokka, Iwaki | Mar-21 | Cs137 | 1780.0 Bq/kg dry | ± 180.0 Bq/kg dry | 1858.7 | Cs137 | 2.7 Bq/kg dry | Cs134 | 2.8 Bq/kg dry |
| | | | Cs134 | 78.7 Bq/kg dry | ± 8.6 Bq/kg dry | | | 2.8 Bq/kg dry | | |
| Soil (in the park) | Izumigaoka Daiichi Park 3Izumigaokka, Iwaki | Mar-21 | Cs137 | 794.0 Bq/kg dry | ± 82.8 Bq/kg dry | 838.3 | Cs137 | 3.8 Bq/kg dry | Cs134 | 4.2 Bq/kg dry |
| | | | Cs134 | 44.3 Bq/kg dry | ± 5.3 Bq/kg dry | | | 4.2 Bq/kg dry | | |
| Soil (in the park) | Izumigaoka Daiichi Park 3Izumigaokka, Iwaki | Mar-21 | Cs137 | 597.0 Bq/kg dry | ± 61.2 Bq/kg dry | 622.3 | Cs137 | 1.8 Bq/kg dry | Cs134 | 2.2 Bq/kg dry |
| | | | Cs134 | 25.3 Bq/kg dry | ± 3.1 Bq/kg dry | | | 2.2 Bq/kg dry | | |
| Soil (in the park) | Izumigaoka Daiichi Park 3Izumigaokka, Iwaki | Mar-21 | Cs137 | 592.0 Bq/kg dry | ± 61.7 Bq/kg dry | 623.9 | Cs137 | 3.0 Bq/kg dry | Cs134 | 3.4 Bq/kg dry |
| | | | Cs134 | 31.9 Bq/kg dry | ± 3.9 Bq/kg dry | | | 3.4 Bq/kg dry | | |
| Soil (in the park) | Izumigaoka Daiichi Park 3Izumigaokka, Iwaki | Mar-21 | Cs137 | 390.0 Bq/kg dry | ± 41.8 Bq/kg dry | 409.3 | Cs137 | 3.6 Bq/kg dry | Cs134 | 4.7 Bq/kg dry |
| | | | Cs134 | 19.3 Bq/kg dry | ± 2.9 Bq/kg dry | | | 4.7 Bq/kg dry | | |
| Soil (in the park) | Izumigaoka Daiichi Park 3Izumigaokka, Iwaki | Mar-21 | Cs137 | 228.0 Bq/kg dry | ± 24.7 Bq/kg dry | 239.8 | Cs137 | 2.6 Bq/kg dry | Cs134 | 2.3 Bq/kg dry |
| | | | Cs134 | 11.8 Bq/kg dry | ± 2.0 Bq/kg dry | | | 2.3 Bq/kg dry | | |
| Soil (in the park) | Izumigaoka Daiichi Park 3Izumigaokka, Iwaki | Mar-21 | Cs137 | 223.0 Bq/kg dry | ± 23.5 Bq/kg dry | 234.6 | Cs137 | 2.1 Bq/kg dry | Cs134 | 2.6 Bq/kg dry |
| | | | Cs134 | 11.6 Bq/kg dry | ± 1.8 Bq/kg dry | | | 2.6 Bq/kg dry | | |
| Soil (in the park) | Izumigaoka Daiichi Park 3Izumigaokka, Iwaki | Mar-21 | Cs137 | 205.0 Bq/kg dry | ± 21.4 Bq/kg dry | 209.3 | Cs137 | 1.8 Bq/kg dry | Cs134 | 2.3 Bq/kg dry |
| | | | Cs134 | 4.3 Bq/kg dry | ± 1.1 Bq/kg dry | | | 2.3 Bq/kg dry | | |
| Soil (in the park) | Izumigaoka Daiichi Park 3Izumigaokka, Iwaki | Mar-21 | Cs137 | 126.0 Bq/kg dry | ± 13.9 Bq/kg dry | 132.6 | Cs137 | 2.3 Bq/kg dry | Cs134 | 2.8 Bq/kg dry |
| | | | Cs134 | 6.6 Bq/kg dry | ± 1.4 Bq/kg dry | | | 2.8 Bq/kg dry | | |
| Soil (in the park) | Izumigaoka 2nd Park 3Izumigaokka, Iwaki | Mar-21 | Cs137 | 1510.0 Bq/kg dry | ± 155.0 Bq/kg dry | 1568.2 | Cs137 | 5.0 Bq/kg dry | Cs134 | 5.8 Bq/kg dry |
| | | | Cs134 | 58.2 Bq/kg dry | ± 7.2 Bq/kg dry | | | 5.8 Bq/kg dry | | |
| Soil (in the park) | Izumigaoka 2nd Park 3Izumigaokka, Iwaki | Mar-21 | Cs137 | 677.0 Bq/kg dry | ± 70.6 Bq/kg dry | 707.7 | Cs137 | 3.6 Bq/kg dry | Cs134 | 4.3 Bq/kg dry |
| | | | Cs134 | 30.7 Bq/kg dry | ± 4.0 Bq/kg dry | | | 4.3 Bq/kg dry | | |
| Soil (in the park) | Izumigaoka 2nd Park 3Izumigaokka, Iwaki | Mar-21 | Cs137 | 336.0 Bq/kg dry | ± 36.2 Bq/kg dry | 350.8 | Cs137 | 3.8 Bq/kg dry | Cs134 | 4.7 Bq/kg dry |
| | | | Cs134 | 14.8 Bq/kg dry | ± 2.7 Bq/kg dry | | | 4.7 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

(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 | |
|--|---|----------------|--------------------|------------------|-------------------|--|----------------------------|---------------|
| Soil (in the park) | Izumigaoka 2nd Park 3Izumigaokka, Iwaki | Mar-21 | Cs137 | 286.0 Bq/kg dry | ± 30.1 Bq/kg dry | 299.4 | Cs137 | 2.4 Bq/kg dry |
| | | | Cs134 | 13.4 Bq/kg dry | ± 2.0 Bq/kg dry | | Cs134 | 2.8 Bq/kg dry |
| Soil (in the park) | Izumigaoka 2nd Park 3Izumigaokka, Iwaki | Mar-21 | Cs137 | 267.0 Bq/kg dry | ± 28.2 Bq/kg dry | 278.6 | Cs137 | 2.4 Bq/kg dry |
| | | | Cs134 | 11.6 Bq/kg dry | ± 1.8 Bq/kg dry | | Cs134 | 2.8 Bq/kg dry |
| Soil (in the park) | Izumigaoka 2nd Park 3Izumigaokka, Iwaki | Mar-21 | Cs137 | 222.0 Bq/kg dry | ± 23.4 Bq/kg dry | 231.0 | Cs137 | 1.8 Bq/kg dry |
| | | | Cs134 | 9.0 Bq/kg dry | ± 1.4 Bq/kg dry | | Cs134 | 2.0 Bq/kg dry |
| Soil (in the park) under the Swing | Izumigaoka 2nd Park 3Izumigaokka, Iwaki | Mar-21 | Cs137 | 18.6 Bq/kg dry | ± 2.1 Bq/kg dry | 18.6 | Cs137 | 1.0 Bq/kg dry |
| | | | Cs134 | — Bq/kg dry | ± — Bq/kg dry | | Cs134 | 1.2 Bq/kg dry |
| Soil (in the park) | Izumigaoka third Park 3Izumigaokka, Iwaki | Mar-21 | Cs137 | 1730.0 Bq/kg dry | ± 175.0 Bq/kg dry | 1795.6 | Cs137 | 2.4 Bq/kg dry |
| | | | Cs134 | 65.6 Bq/kg dry | ± 7.2 Bq/kg dry | | Cs134 | 2.5 Bq/kg dry |
| Soil (in the park) | Izumigaoka third Park 3Izumigaokka, Iwaki | Mar-21 | Cs137 | 815.0 Bq/kg dry | ± 83.0 Bq/kg dry | 849.9 | Cs137 | 1.9 Bq/kg dry |
| | | | Cs134 | 34.9 Bq/kg dry | ± 4.0 Bq/kg dry | | Cs134 | 2.2 Bq/kg dry |
| Soil (in the park) | Izumigaoka third Park 3Izumigaokka, Iwaki | Mar-21 | Cs137 | 716.0 Bq/kg dry | ± 73.7 Bq/kg dry | 745.3 | Cs137 | 3.0 Bq/kg dry |
| | | | Cs134 | 29.3 Bq/kg dry | ± 3.8 Bq/kg dry | | Cs134 | 3.4 Bq/kg dry |
| Soil (in the park) | Izumigaoka third Park 3Izumigaokka, Iwaki | Mar-21 | Cs137 | 379.0 Bq/kg dry | ± 39.6 Bq/kg dry | 396.2 | Cs137 | 2.4 Bq/kg dry |
| | | | Cs134 | 17.2 Bq/kg dry | ± 2.5 Bq/kg dry | | Cs134 | 3.1 Bq/kg dry |
| Soil (in the park) | Izumigaoka third Park 3Izumigaokka, Iwaki | Mar-21 | Cs137 | 32.8 Bq/kg dry | ± 3.8 Bq/kg dry | 35.9 | Cs137 | 1.3 Bq/kg dry |
| | | | Cs134 | 3.1 Bq/kg dry | ± 0.8 Bq/kg dry | | Cs134 | 1.6 Bq/kg dry |
| Soil (in the park) | Izumigaoka third Park 3Izumigaokka, Iwaki | Mar-21 | Cs137 | 15.2 Bq/kg dry | ± 1.7 Bq/kg dry | 15.2 | Cs137 | 0.8 Bq/kg dry |
| | | | Cs134 | — Bq/kg dry | ± — Bq/kg dry | | Cs134 | 1.0 Bq/kg dry |
| Soil (in the park) under the Swing | Izumigaoka third Park 3Izumigaokka, Iwaki | Mar-21 | Cs137 | — Bq/kg dry | ± — Bq/kg dry | Under Minimum Limit of Detection | Cs137 | 2.0 Bq/kg dry |
| | | | Cs134 | — Bq/kg dry | ± — Bq/kg dry | | Cs134 | 2.4 Bq/kg dry |
| Soil (in the park) | Wafu Park 1Izumigaoka, Iwaki | Mar-21 | Cs137 | 1450.0 Bq/kg dry | ± 147.0 Bq/kg dry | 1505.7 | Cs137 | 2.1 Bq/kg dry |
| | | | Cs134 | 55.7 Bq/kg dry | ± 6.1 Bq/kg dry | | Cs134 | 2.1 Bq/kg dry |
| Soil (in the park) | Wafu Park 1Izumigaoka, Iwaki | Mar-21 | Cs137 | 657.0 Bq/kg dry | ± 67.3 Bq/kg dry | 687.7 | Cs137 | 2.0 Bq/kg dry |
| | | | Cs134 | 30.7 Bq/kg dry | ± 3.6 Bq/kg dry | | Cs134 | 2.4 Bq/kg dry |
| Soil (in the park) | Wafu Park 1Izumigaoka, Iwaki | Mar-21 | Cs137 | 342.0 Bq/kg dry | ± 35.0 Bq/kg dry | 354.6 | Cs137 | 1.5 Bq/kg dry |
| | | | Cs134 | 12.6 Bq/kg dry | ± 1.6 Bq/kg dry | | Cs134 | 1.8 Bq/kg dry |
| Soil (in the park) | Wafu Park 1Izumigaoka, Iwaki | Mar-21 | Cs137 | 273.0 Bq/kg dry | ± 28.2 Bq/kg dry | 284.0 | Cs137 | 1.3 Bq/kg dry |
| | | | Cs134 | 11.0 Bq/kg dry | ± 1.5 Bq/kg dry | | Cs134 | 1.6 Bq/kg dry |
| Soil (in the park) | Wafu Park 1Izumigaoka, Iwaki | Mar-21 | Cs137 | 141.0 Bq/kg dry | ± 14.8 Bq/kg dry | 146.4 | Cs137 | 1.1 Bq/kg dry |
| | | | Cs134 | 5.4 Bq/kg dry | ± 0.8 Bq/kg dry | | Cs134 | 1.3 Bq/kg dry |
| Soil (in the park) under the slide | Wafu Park 1Izumigaoka, Iwaki | Mar-21 | Cs137 | 109.0 Bq/kg dry | ± 11.8 Bq/kg dry | 114.7 | Cs137 | 2.1 Bq/kg dry |
| | | | Cs134 | 5.7 Bq/kg dry | ± 1.7 Bq/kg dry | | Cs134 | 2.7 Bq/kg dry |
| Soil (in the park) under the Swing | Wafu Park 1Izumigaoka, Iwaki | Mar-21 | Cs137 | 98.6 Bq/kg dry | ± 10.5 Bq/kg dry | 102.6 | Cs137 | 1.2 Bq/kg dry |
| | | | Cs134 | 4.0 Bq/kg dry | ± 0.7 Bq/kg dry | | Cs134 | 1.6 Bq/kg dry |
| Soil (in the park) | Wafu Park 1Izumigaoka, Iwaki | Mar-21 | Cs137 | 53.9 Bq/kg dry | ± 6.2 Bq/kg dry | 53.9 | Cs137 | 2.1 Bq/kg dry |
| | | | Cs134 | — Bq/kg dry | ± — Bq/kg dry | | Cs134 | 2.6 Bq/kg dry |
| Soil (in the park) | Watari Park Watari, Watari, Miyagi | Apr-21 | Cs137 | 444.0 Bq/kg dry | ± 46.4 Bq/kg dry | 461.9 | Cs137 | 2.7 Bq/kg dry |
| | | | Cs134 | 17.9 Bq/kg dry | ± 2.5 Bq/kg dry | | Cs134 | 3.0 Bq/kg dry |
| Soil (in the park) | Watari Park Watari, Watari, Miyagi | Apr-21 | Cs137 | 395.0 Bq/kg dry | ± 40.8 Bq/kg dry | 411.9 | Cs137 | 1.4 Bq/kg dry |
| | | | Cs134 | 16.9 Bq/kg dry | ± 2.1 Bq/kg dry | | Cs134 | 1.6 Bq/kg dry |
| Soil (in the park) under the obstacle course | Watari Park Watari, Watari, Miyagi | Apr-21 | Cs137 | 318.0 Bq/kg dry | ± 32.8 Bq/kg dry | 333.0 | Cs137 | 1.3 Bq/kg dry |
| | | | Cs134 | 15.0 Bq/kg dry | ± 1.8 Bq/kg dry | | Cs134 | 1.6 Bq/kg dry |
| Soil (in the park) under the Jungle gym | Watari Park Watari, Watari, Miyagi | Apr-21 | Cs137 | 319.0 Bq/kg dry | ± 33.6 Bq/kg dry | 332.4 | Cs137 | 2.3 Bq/kg dry |
| | | | Cs134 | 13.4 Bq/kg dry | ± 2.0 Bq/kg dry | | Cs134 | 2.7 Bq/kg dry |
| Soil (in the park) | Watari Park Watari, Watari, Miyagi | Apr-21 | Cs137 | 119.0 Bq/kg dry | ± 13.2 Bq/kg dry | 124.9 | Cs137 | 1.7 Bq/kg dry |
| | | | Cs134 | 5.9 Bq/kg dry | ± 1.1 Bq/kg dry | | Cs134 | 2.4 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

(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 | |
|---|-------------------------------------|----------------|--------------------|-------------------|--------------------|--|------------------------|----------------------------|--|
| Soil (Athletic zone) under the slide | Watari Park Watari,Watari,Miyagi | Apr-21 | Cs137 | 510.0 Bq/kg dry | ± 52.4 Bq/kg dry | 532.6 | Cs137 | 1.6 Bq/kg dry | |
| | | | Cs134 | 22.6 Bq/kg dry | ± 2.7 Bq/kg dry | | Cs134 | 1.8 Bq/kg dry | |
| Soil (Athletic zone) under the obstacle course | Watari Park Watari,Watari,Miyagi | Apr-21 | Cs137 | 430.0 Bq/kg dry | ± 43.9 Bq/kg dry | 447.1 | Cs137 | 1.3 Bq/kg dry | |
| | | | Cs134 | 17.1 Bq/kg dry | ± 2.0 Bq/kg dry | | Cs134 | 1.4 Bq/kg dry | |
| Soil (Athletic zone) under the Long slide (middle point) | Watari Park Watari,Watari,Miyagi | Apr-21 | Cs137 | 409.0 Bq/kg dry | ± 42.0 Bq/kg dry | 424.3 | Cs137 | 1.5 Bq/kg dry | |
| | | | Cs134 | 15.3 Bq/kg dry | ± 1.9 Bq/kg dry | | Cs134 | 1.8 Bq/kg dry | |
| Soil (Athletic zone) under the Long slide (start point) | Watari Park Watari,Watari,Miyagi | Apr-21 | Cs137 | 163.0 Bq/kg dry | ± 17.6 Bq/kg dry | 174.8 | Cs137 | 1.9 Bq/kg dry | |
| | | | Cs134 | 11.8 Bq/kg dry | ± 1.6 Bq/kg dry | | Cs134 | 2.3 Bq/kg dry | |
| Soil (Athletic zone) under the Long slide (goal point) | Watari Park Watari,Watari,Miyagi | Apr-21 | Cs137 | 4.5 Bq/kg dry | ± 0.9 Bq/kg dry | 4.5 | Cs137 | 1.9 Bq/kg dry | |
| | | | Cs134 | — Bq/kg dry | ± — Bq/kg dry | | Cs134 | 2.3 Bq/kg dry | |
| Soil (Athletic zone) Log steps | Watari Park Watari,Watari,Miyagi | Apr-21 | Cs137 | 365.0 Bq/kg dry | ± 37.7 Bq/kg dry | 381.7 | Cs137 | 1.5 Bq/kg dry | |
| | | | Cs134 | 16.7 Bq/kg dry | ± 2.0 Bq/kg dry | | Cs134 | 1.8 Bq/kg dry | |
| Soil (Athletic zone) Driftwood cross | Watari Park Watari,Watari,Miyagi | Apr-21 | Cs137 | 166.0 Bq/kg dry | ± 18.1 Bq/kg dry | 174.5 | Cs137 | 2.2 Bq/kg dry | |
| | | | Cs134 | 8.5 Bq/kg dry | ± 1.4 Bq/kg dry | | Cs134 | 2.9 Bq/kg dry | |
| Soil (Athletic zone) Balance beam | Watari Park Watari,Watari,Miyagi | Apr-21 | Cs137 | 28.0 Bq/kg dry | ± 3.4 Bq/kg dry | 28.0 | Cs137 | 1.8 Bq/kg dry | |
| | | | Cs134 | — Bq/kg dry | ± — Bq/kg dry | | Cs134 | 2.5 Bq/kg dry | |
| Soil (Athletic zone) Spider web | Watari Park Watari,Watari,Miyagi | Apr-21 | Cs137 | 17.9 Bq/kg dry | ± 2.1 Bq/kg dry | 17.9 | Cs137 | 1.1 Bq/kg dry | |
| | | | Cs134 | — Bq/kg dry | ± — Bq/kg dry | | Cs134 | 1.3 Bq/kg dry | |
| Soil (in the park) Shrubbery | Watari Park Watari,Watari,Miyagi | Apr-21 | Cs137 | 597.0 Bq/kg dry | ± 62.5 Bq/kg dry | 623.8 | Cs137 | 3.2 Bq/kg dry | |
| | | | Cs134 | 26.8 Bq/kg dry | ± 3.5 Bq/kg dry | | Cs134 | 3.8 Bq/kg dry | |
| Soil (in the park) under the Swing | Watari Park Watari,Watari,Miyagi | Apr-21 | Cs137 | 424.0 Bq/kg dry | ± 43.5 Bq/kg dry | 440.8 | Cs137 | 1.4 Bq/kg dry | |
| | | | Cs134 | 16.8 Bq/kg dry | ± 2.1 Bq/kg dry | | Cs134 | 1.6 Bq/kg dry | |
| Soil (in the park) under the slide | Watari Park Watari,Watari,Miyagi | Apr-21 | Cs137 | 225.0 Bq/kg dry | ± 23.8 Bq/kg dry | 233.2 | Cs137 | 1.8 Bq/kg dry | |
| | | | Cs134 | 8.2 Bq/kg dry | ± 1.3 Bq/kg dry | | Cs134 | 2.1 Bq/kg dry | |
| Soil (in the park) Shrubbery | Watari Park Watari,Watari,Miyagi | Apr-21 | Cs137 | 126.0 Bq/kg dry | ± 14.0 Bq/kg dry | 132.3 | Cs137 | 1.9 Bq/kg dry | |
| | | | Cs134 | 6.3 Bq/kg dry | ± 1.2 Bq/kg dry | | Cs134 | 2.5 Bq/kg dry | |
| Soil (in the park) | Watari Park Watari,Watari,Miyagi | Apr-21 | Cs137 | 69.1 Bq/kg dry | ± 7.4 Bq/kg dry | 72.5 | Cs137 | 1.1 Bq/kg dry | |
| | | | Cs134 | 3.4 Bq/kg dry | ± 0.6 Bq/kg dry | | Cs134 | 1.4 Bq/kg dry | |
| Soil(in the park) under thePanda Playground equipment | Watari Park Watari,Watari,Miyagi | Apr-21 | Cs137 | 69.1 Bq/kg dry | ± 7.4 Bq/kg dry | 72.2 | Cs137 | 0.9 Bq/kg dry | |
| | | | Cs134 | 3.1 Bq/kg dry | ± 0.6 Bq/kg dry | | Cs134 | 1.1 Bq/kg dry | |
| Soil(Old road) In the bamboo grass bush | Miyakoji, Tamura, Fukushima | Mar-21 | Cs137 | 14400.0 Bq/kg dry | ± 1460.0 Bq/kg dry | 15051.0 | Cs137 | 18.8 Bq/kg dry | |
| | | | Cs134 | 651.0 Bq/kg dry | ± 70.1 Bq/kg dry | | Cs134 | 15.8 Bq/kg dry | |
| Soil(Old road) In the grove | Miyakoji, Tamura, Fukushima | Mar-21 | Cs137 | 3810.0 Bq/kg dry | ± 385.0 Bq/kg dry | 3984.0 | Cs137 | 3.5 Bq/kg dry | |
| | | | Cs134 | 174.0 Bq/kg dry | ± 18.3 Bq/kg dry | | Cs134 | 3.3 Bq/kg dry | |
| Soil(Old road) In the grove | Miyakoji, Tamura, Fukushima | Mar-21 | Cs137 | 2330.0 Bq/kg dry | ± 238.0 Bq/kg dry | 2436.0 | Cs137 | 4.3 Bq/kg dry | |
| | | | Cs134 | 106.0 Bq/kg dry | ± 11.7 Bq/kg dry | | Cs134 | 4.2 Bq/kg dry | |
| Soil(Old road) In the grove | Miyakoji, Tamura, Fukushima | Mar-21 | Cs137 | 570.0 Bq/kg dry | ± 59.2 Bq/kg dry | 599.1 | Cs137 | 2.5 Bq/kg dry | |
| | | | Cs134 | 29.1 Bq/kg dry | ± 3.5 Bq/kg dry | | Cs134 | 2.8 Bq/kg dry | |
| Soil(Old road) In the grove | Miyakoji, Tamura, Fukushima | Mar-21 | Cs137 | 257.0 Bq/kg dry | ± 27.1 Bq/kg dry | 270.4 | Cs137 | 2.2 Bq/kg dry | |
| | | | Cs134 | 13.4 Bq/kg dry | ± 2.0 Bq/kg dry | | Cs134 | 2.6 Bq/kg dry | |
| Soil① | Tairausuiso, Iwaki | Apr-21 | Cs137 | 2110.0 Bq/kg dry | ± 217.0 Bq/kg dry | 2205.2 | Cs137 | 6.1 Bq/kg dry | |
| | | | Cs134 | 95.2 Bq/kg dry | ± 11.1 Bq/kg dry | | Cs134 | 6.0 Bq/kg dry | |
| Soil② | Tairausuiso, Iwaki | Apr-21 | Cs137 | — Bq/kg dry | ± — Bq/kg dry | Under Minimum Limit of Detection | Cs137 | 1.2 Bq/kg dry | |
| | | | Cs134 | — Bq/kg dry | ± — Bq/kg dry | | Cs134 | 1.5 Bq/kg dry | |
| Soil | Tairausuiso, Iwaki | Apr-21 | Cs137 | — Bq/kg dry | ± — Bq/kg dry | Under Minimum Limit of Detection | Cs137 | 1.2 Bq/kg dry | |
| | | | Cs134 | — Bq/kg dry | ± — Bq/kg dry | | Cs134 | 1.2 Bq/kg dry | |
| Soil | Ena, Iwaki | Apr-21 | Cs137 | — Bq/kg dry | ± — Bq/kg dry | Under Minimum Limit of Detection | Cs137 | 2.0 Bq/kg dry | |
| | | | Cs134 | — Bq/kg dry | ± — Bq/kg dry | | Cs134 | 1.9 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.



★Gamma-ray

| Measuring instrument | | Feature | Guide to lower limit※ |
|---|---|--|---|
| NaI Scintillation Spectrometer | | | |
| Product of ATOMTEX AT1320A  | Product of BERTHOLD LB2045  | · Gamma-ray spectrometer with NaI 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 |
| Germanium Semiconductor detector | | | |
| ORTEC GEM30-70  | | · Radioactivity measurement series. Quantitative analysis based on "Gamma-ray spectrometry with germanium semiconductor detector." · Relative efficiency 35% | Food (Sample 2kg) Lower limit 0.04Bq/Kg Soil (Sample 1kg) Lower limit 0.06Bq/Kg Material (Sample 1kg) Lower limit 0.06Bq/Kg 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 | Measurement Result | | Uncertainty | Total Amount of Cesium | Minimum Limit of Detection | |
|------------------------------|-----------------------------------|----------------|--------------------|-----------------|------------------|----------------------------------|----------------------------|----------------|
| Sweet potato | Naraha, Futaba, Fukushima | Mar-21 | Cs137 | 1.7 Bq/kg raw | ± 0.07 Bq/kg raw | 1.7 | Cs137 | 0.1 Bq/kg raw |
| | | | Cs134 | — Bq/kg raw | ± — Bq/kg raw | | Cs134 | 0.1 Bq/kg raw |
| Sweet potato | Hirata, Ishikawa, Fukushima | Mar-21 | 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 |
| Japanese mustard spinach | Hirata, Ishikawa, Fukushima | Mar-21 | 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 |
| Asparagus | Fukushima Pref. | Mar-21 | 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 |
| Yacon | Iwaki city | Apr-21 | 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 |
| Hosta | Furudono, Ishikawa, Fukushima | Mar-21 | 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 |
| Bamboo shoot Tip part(Wild) | Tomioka, Futaba, Fukushima | Apr-21 | Cs137 | 767.6 Bq/kg raw | ± 14.8 Bq/kg raw | 801.1 | Cs137 | 4.8 Bq/kg raw |
| | | | Cs134 | 33.5 Bq/kg raw | ± 3.7 Bq/kg raw | | Cs134 | 5.2 Bq/kg raw |
| Bamboo shoot Root part(Wild) | Tomioka, Futaba, Fukushima | Apr-21 | Cs137 | 312.2 Bq/kg raw | ± 4.9 Bq/kg raw | 324.9 | Cs137 | 1.2 Bq/kg raw |
| | | | Cs134 | 12.7 Bq/kg raw | ± 1.1 Bq/kg raw | | Cs134 | 1.4 Bq/kg raw |
| Bamboo shoot (Wild) | Iwaki city | Apr-21 | Cs137 | 8.4 Bq/kg raw | ± 0.9 Bq/kg raw | 8.4 | Cs137 | 0.8 Bq/kg raw |
| | | | Cs134 | — Bq/kg raw | ± — Bq/kg raw | | Cs134 | 1.2 Bq/kg raw |
| Bamboo shoot Boiled (Wild) | Ryugasaki, Ibaraki | Apr-21 | Cs137 | 3.1 Bq/kg raw | ± 0.1 Bq/kg raw | 3.1 | Cs137 | 0.1 Bq/kg raw |
| | | | Cs134 | — Bq/kg raw | ± — Bq/kg raw | | Cs134 | 0.1 Bq/kg raw |
| Bamboo shoot | Hachiouji, Hachiouji, Tokyo | Apr-21 | Cs137 | 3.1 Bq/kg raw | ± 0.1 Bq/kg raw | 3.1 | Cs137 | 0.1 Bq/kg raw |
| | | | Cs134 | — Bq/kg raw | ± — Bq/kg raw | | Cs134 | 0.1 Bq/kg raw |
| Bracken(Wild) | Tairafujima, Iwaki | Apr-21 | Cs137 | 3.8 Bq/kg raw | ± 0.1 Bq/kg raw | 3.8 | Cs137 | 0.09 Bq/kg raw |
| | | | Cs134 | — Bq/kg raw | ± — Bq/kg raw | | Cs134 | 0.1 Bq/kg raw |
| Zenmai(Wild) | Kamiogawa, Ogawa, Iwaki | Apr-21 | Cs137 | 227.9 Bq/kg raw | ± 2.1 Bq/kg raw | 237.0 | Cs137 | 0.6 Bq/kg raw |
| | | | Cs134 | 9.1 Bq/kg raw | ± 0.5 Bq/kg raw | | Cs134 | 0.6 Bq/kg raw |
| Butterbur sprout (Wild) | Akougi, Namie, Futaba, Fukushima | Mar-21 | Cs137 | 668.0 Bq/kg raw | ± 9.8 Bq/kg raw | 695.5 | Cs137 | 2.5 Bq/kg raw |
| | | | Cs134 | 27.5 Bq/kg raw | ± 2.1 Bq/kg raw | | Cs134 | 2.1 Bq/kg raw |
| Butterbur sprout (Wild) | Nogami, Okuma, Futaba, Fukushima | Mar-21 | Cs137 | 290.7 Bq/kg raw | ± 8.2 Bq/kg raw | 305.0 | Cs137 | 2.5 Bq/kg raw |
| | | | Cs134 | 14.3 Bq/kg raw | ± 2.0 Bq/kg raw | | Cs134 | 2.7 Bq/kg raw |
| Butterbur sprout (Wild) | Zainiwasaka, Fukushima, Fukushima | Mar-21 | Cs137 | 9.7 Bq/kg raw | ± 0.6 Bq/kg raw | 9.7 | Cs137 | 0.6 Bq/kg raw |
| | | | Cs134 | — Bq/kg raw | ± — Bq/kg raw | | Cs134 | 0.7 Bq/kg raw |
| Butterbur sprout (Wild) | Hobara, Date, Fukushima | Mar-21 | Cs137 | 4.4 Bq/kg raw | ± 0.5 Bq/kg raw | 4.4 | Cs137 | 0.8 Bq/kg raw |
| | | | Cs134 | — Bq/kg raw | ± — Bq/kg raw | | Cs134 | 0.8 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 | |
|--|-------------------------------------|----------------|--------------------|-----------------|------------------|----------------------------------|------------------------|----------------------------|--|
| | | | | | | | | | |
| Butterbur sprout (Wild) | Shimogo, Minamiaizu, Fukushima | Mar-21 | Cs137 | 2.2 Bq/kg raw | ± 0.1 Bq/kg raw | 2.2 | Cs137 | 0.2 Bq/kg raw | |
| | | | Cs134 | — Bq/kg raw | ± — Bq/kg raw | | Cs134 | 0.3 Bq/kg raw | |
| Butterbur sprout (Wild) | Tairashimokabeya, Iwaki | Mar-21 | Cs137 | 8.6 Bq/kg raw | ± 0.7 Bq/kg raw | 8.6 | Cs137 | 1.1 Bq/kg raw | |
| | | | Cs134 | — Bq/kg raw | ± — Bq/kg raw | | Cs134 | 1.3 Bq/kg raw | |
| Butterbur sprout | Fukushima Pref. | Mar-21 | Cs137 | — Bq/kg raw | ± — Bq/kg raw | Under Minimum Limit of Detection | Cs137 | 0.4 Bq/kg raw | |
| | | | Cs134 | — Bq/kg raw | ± — Bq/kg raw | | Cs134 | 0.6 Bq/kg raw | |
| Aralia sprout (Wild) | Kawauchi, Futaba, Fukushima | Apr-21 | Cs137 | 692.3 Bq/kg raw | ± 12.4 Bq/kg raw | 726.9 | Cs137 | 4.1 Bq/kg raw | |
| | | | Cs134 | 34.6 Bq/kg raw | ± 3.6 Bq/kg raw | | Cs134 | 5.1 Bq/kg raw | |
| Aralia sprout (Wild) | Funehiki, Tamura, Fukushima | Apr-21 | Cs137 | 338.2 Bq/kg raw | ± 8.2 Bq/kg raw | 352.8 | Cs137 | 2.8 Bq/kg raw | |
| | | | Cs134 | 14.6 Bq/kg raw | ± 2.3 Bq/kg raw | | Cs134 | 3.7 Bq/kg raw | |
| Aralia sprout (Wild) | Hanawa, Higashishirakawa, Fukushima | Apr-21 | Cs137 | 9.8 Bq/kg raw | ± 1.0 Bq/kg raw | 9.8 | Cs137 | 1.4 Bq/kg raw | |
| | | | Cs134 | — Bq/kg raw | ± — Bq/kg raw | | Cs134 | 1.4 Bq/kg raw | |
| Aralia sprout (Wild) | Miwa, Iwaki | Apr-21 | Cs137 | 110.0 Bq/kg raw | ± 0.9 Bq/kg raw | 114.7 | Cs137 | 0.4 Bq/kg raw | |
| | | | Cs134 | 4.7 Bq/kg raw | ± 0.2 Bq/kg raw | | Cs134 | 0.4 Bq/kg raw | |
| Aralia sprout (Wild) | Kamiogawa, Ogawa, Iwaki | Apr-21 | Cs137 | 7.7 Bq/kg raw | ± 1.7 Bq/kg raw | 7.7 | Cs137 | 3.1 Bq/kg raw | |
| | | | Cs134 | — Bq/kg raw | ± — Bq/kg raw | | Cs134 | 3.4 Bq/kg raw | |
| Aralia sprout (Wild) | Yonezawa, Yanagata | Apr-21 | Cs137 | 2.3 Bq/kg raw | ± 0.4 Bq/kg raw | 2.3 | Cs137 | 0.7 Bq/kg raw | |
| | | | Cs134 | — Bq/kg raw | ± — Bq/kg raw | | Cs134 | 0.8 Bq/kg raw | |
| Aralia sprout (Installation cultivation) | Nanie, Futaba, Fukushima | Mar-21 | Cs137 | 1.6 Bq/kg raw | ± 0.2 Bq/kg raw | 1.6 | Cs137 | 0.3 Bq/kg raw | |
| | | | Cs134 | — Bq/kg raw | ± — Bq/kg raw | | Cs134 | 0.3 Bq/kg raw | |
| Koshiabura (Wild) | Hanawa, Higashishirakawa, Fukushima | Apr-21 | Cs137 | 227.0 Bq/kg raw | ± 8.3 Bq/kg raw | 236.4 | Cs137 | 4.0 Bq/kg raw | |
| | | | Cs134 | 9.4 Bq/kg raw | ± 2.4 Bq/kg raw | | Cs134 | 4.3 Bq/kg raw | |
| Koshiabura (Wild) | Tamura, Fukushima | Apr-21 | Cs137 | 144.7 Bq/kg raw | ± 3.4 Bq/kg raw | 151.7 | Cs137 | 2.8 Bq/kg raw | |
| | | | Cs134 | 7.0 Bq/kg raw | ± 1.6 Bq/kg raw | | Cs134 | 3.0 Bq/kg raw | |
| Koshiabura (Wild) | Kamiogawa, Ogawa, Iwaki | Apr-21 | Cs137 | 362.6 Bq/kg raw | ± 7.8 Bq/kg raw | 373.9 | Cs137 | 2.8 Bq/kg raw | |
| | | | Cs134 | 11.3 Bq/kg raw | ± 2.1 Bq/kg raw | | Cs134 | 3.8 Bq/kg raw | |
| Koshiabura (Wild) | Tabito, Iwaki | Apr-21 | Cs137 | 87.2 Bq/kg raw | ± 1.8 Bq/kg raw | 90.6 | Cs137 | 0.9 Bq/kg raw | |
| | | | Cs134 | 3.4 Bq/kg raw | ± 0.5 Bq/kg raw | | Cs134 | 0.9 Bq/kg raw | |
| Koshiabura | Yamagata Pref. | Apr-21 | Cs137 | 39.6 Bq/kg raw | ± 0.7 Bq/kg raw | 40.7 | Cs137 | 0.6 Bq/kg raw | |
| | | | Cs134 | 1.1 Bq/kg raw | ± 0.4 Bq/kg raw | | Cs134 | 0.8 Bq/kg raw | |
| Ostrich ferm (Wild) | Kawauchi, Futaba, Fukushima | Apr-21 | Cs137 | 41.6 Bq/kg raw | ± 0.9 Bq/kg raw | 43.0 | Cs137 | 0.5 Bq/kg raw | |
| | | | Cs134 | 1.4 Bq/kg raw | ± 0.2 Bq/kg raw | | Cs134 | 0.5 Bq/kg raw | |
| Ostrich ferm (Wild) | Hanawa, Higashishirakawa, Fukushima | Apr-21 | Cs137 | 1.4 Bq/kg raw | ± 0.1 Bq/kg raw | 1.4 | Cs137 | 0.2 Bq/kg raw | |
| | | | Cs134 | — Bq/kg raw | ± — Bq/kg raw | | Cs134 | 0.3 Bq/kg raw | |
| Ostrich ferm (Wild) | Kamiogawa, Ogawa, Iwaki | Apr-21 | Cs137 | 5.0 Bq/kg raw | ± 0.3 Bq/kg raw | 5.0 | Cs137 | 0.4 Bq/kg raw | |
| | | | Cs134 | — Bq/kg raw | ± — Bq/kg raw | | Cs134 | 0.4 Bq/kg raw | |
| Japanese mugwort | Kashima, Iwaki | Apr-21 | Cs137 | 0.17 Bq/kg raw | ± 0.06 Bq/kg raw | 0.17 | Cs137 | 0.13 Bq/kg raw | |
| | | | Cs134 | — Bq/kg raw | ± — Bq/kg raw | | Cs134 | 0.14 Bq/kg raw | |
| Horsetail | Shimokuramoto, Kashima, Iwaki | Mar-21 | Cs137 | 2.9 Bq/kg raw | ± 0.2 Bq/kg raw | 2.9 | Cs137 | 0.4 Bq/kg raw | |
| | | | Cs134 | — Bq/kg raw | ± — Bq/kg raw | | Cs134 | 0.4 Bq/kg raw | |
| Flounder(pulp) | Oicho, Oi, Fukui | Mar-21 | 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 | |
| Wakame seaweed | Nakanosaku Port, Iwaki | Apr-21 | 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 | |
| Wakame seaweed | Oicho, Oi, Fukui | Mar-21 | Cs137 | — Bq/kg raw | ± — Bq/kg raw | Under Minimum Limit of Detection | Cs137 | 0.4 Bq/kg raw | |
| | | | Cs134 | — Bq/kg raw | ± — Bq/kg raw | | Cs134 | 0.5 Bq/kg raw | |
| Funori seaweed | Nakanosaku Port, Iwaki | Apr-21 | Cs137 | 1.8 Bq/kg raw | ± 0.07 Bq/kg raw | 1.8 | Cs137 | 0.1 Bq/kg raw | |
| | | | Cs134 | — Bq/kg raw | ± — Bq/kg raw | | Cs134 | 0.1 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 | |
|---------------------------|----------------------------|----------------|--------------------|-------------------------------|---------------------------------|------|------------------------|-------------------------------|--|
| Dried sea lettuce | HaragamaPort, Fukushima | Mar-21 | Cs137 | 0.97 <small>Bq/kg raw</small> | ± 0.09 <small>Bq/kg raw</small> | 0.9 | Cs137 | 0.16 <small>Bq/kg raw</small> | |
| | | | Cs134 | — <small>Bq/kg raw</small> | ± — <small>Bq/kg raw</small> | | Cs134 | 0.18 <small>Bq/kg raw</small> | |
| Dried green seaweed | Soma, Fukushima | Feb-21 | Cs137 | 0.72 <small>Bq/kg raw</small> | ± 0.02 <small>Bq/kg raw</small> | 0.72 | Cs137 | 0.04 <small>Bq/kg raw</small> | |
| | | | Cs134 | — <small>Bq/kg raw</small> | ± — <small>Bq/kg raw</small> | | Cs134 | 0.05 <small>Bq/kg raw</small> | |
| Cedar(Building material)① | Kitaibaraki · Fukushima | Oct-20 | Cs137 | 12.8 <small>Bq/kg raw</small> | ± 0.4 <small>Bq/kg raw</small> | 12.8 | Cs137 | 0.3 <small>Bq/kg raw</small> | |
| | | | Cs134 | — <small>Bq/kg raw</small> | ± — <small>Bq/kg raw</small> | | Cs134 | 0.4 <small>Bq/kg raw</small> | |
| Cedar(Building material)② | Kitaibaraki · Fukushima | Oct-20 | Cs137 | 9.1 <small>Bq/kg raw</small> | ± 0.3 <small>Bq/kg raw</small> | 9.7 | Cs137 | 0.4 <small>Bq/kg raw</small> | |
| | | | Cs134 | 0.6 <small>Bq/kg raw</small> | ± 0.2 <small>Bq/kg raw</small> | | Cs134 | 0.4 <small>Bq/kg raw</small> | |
| Cedar(Building material)③ | Kitaibaraki · Fukushima | Oct-20 | Cs137 | 6.1 <small>Bq/kg raw</small> | ± 0.2 <small>Bq/kg raw</small> | 6.4 | Cs137 | 0.2 <small>Bq/kg raw</small> | |
| | | | Cs134 | 0.3 <small>Bq/kg raw</small> | ± 0.1 <small>Bq/kg raw</small> | | Cs134 | 0.2 <small>Bq/kg raw</small> | |
| Birch sap | Kawauchi, Futaba Fukushima | Mar-21 | Cs137 | 1.15 <small>Bq/kg raw</small> | ± 0.04 <small>Bq/kg raw</small> | 1.24 | Cs137 | 0.05 <small>Bq/kg raw</small> | |
| | | | Cs134 | 0.09 <small>Bq/kg raw</small> | ± 0.02 <small>Bq/kg raw</small> | | Cs134 | 0.05 <small>Bq/kg raw</small> | |

※"_"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 HIDEX 300SLL | Product of PerkinElmer Japan Quantulus GCT 622 | Equipment for measuring low-energy beta-ray emission nuclides |
|  |  | Measuring nuclide Strontium90 Half-life 30 years Organically bound 3H Half-life 12.3 years Free-water 3H Half-life 12.3 years |
| 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 | | | |
|---------------------|--|----------------|----------------------------------|----------------------------------|-------------|---|----------------------------|-----------|--------|-----------|
| | | | Under Minimum Limit of Detection | Bq/L | ± | — | Bq/L | | Bq/L | |
| Sea water (surface) | Tomioka port/ Fukushima Pref. | Apr-20 | T (Free) | Under Minimum Limit of Detection | Bq/L | ± | — | Bq/L | 0.14 | Bq/L |
| Sea water (surface) | Tomioka port/ Fukushima Pref. | Jun-20 | T (Free) | Under Minimum Limit of Detection | Bq/L | ± | — | Bq/L | 0.14 | Bq/L |
| Sea water (surface) | Tomioka port/ Fukushima Pref. | Mar-21 | T (Free) | Under Minimum Limit of Detection | Bq/L | ± | — | Bq/L | 0.14 | Bq/L |
| Sea water (surface) | Ukedo Port/ Fukushima Pref. | Mar-21 | T (Free) | Under Minimum Limit of Detection | Bq/L | ± | — | Bq/L | 0.14 | Bq/L |
| Sea water (surface) | Around Sendai Nuclear Power Plant, Kagoshima Pref. | Nov-20 | T (Free) | 2.08 | Bq/L | ± | 0.32 | Bq/L | 0.14 | Bq/L |
| Lake water | Namie, Futaba, Fukushima | Jan-21 | T (Free) | Under Minimum Limit of Detection | Bq/L | ± | — | Bq/L | 1.69 | Bq/L |
| Flounder | Off the coast of Fukushima Nuclear Power Plant 1 | Nov-20 | T (Organic) | Under Minimum Limit of Detection | Bq/kg dry | ± | — | Bq/kg dry | 1.04 | Bq/kg dry |
| Fox jacopever | Off the coast of Fukushima Nuclear Power Plant 1 | Nov-20 | T (Organic) | Under Minimum Limit of Detection | Bq/kg dry | ± | — | Bq/kg dry | 1.17 | Bq/kg dry |
| Yellowtail | Off the coast of Fukushima Nuclear Power Plant 1 | Nov-20 | T (Organic) | Under Minimum Limit of Detection | Bq/kg dry | ± | — | Bq/kg dry | 1.10 | Bq/kg dry |
| Soil | Kawahigashi, Aizuwakamatsu, Fukushima | Mar-21 | Sr90 | Under Minimum Limit of Detection | Bq/kg dry | ± | — | Bq/kg dry | 1.69 | Bq/kg dry |
| Soil | Tadami, Minamiaizu, Fukushima | Mar-21 | Sr90 | Under Minimum Limit of Detection | Bq/kg dry | ± | — | Bq/kg dry | 1.58 | Bq/kg dry |
| Tap water | Fukushima, Fukushima Pref. | Mar-21 | Sr90 | 0.001 | Bq/L | ± | 0.0005 | Bq/L | 0.0007 | Bq/L |
| Tap water | Negishi, Tono, Iwaki | Apr-21 | Sr90 | Under Minimum Limit of Detection | Bq/L | ± | — | Bq/L | 0.0007 | Bq/L |

Measurement results of 16 items by germanium semiconductor detector

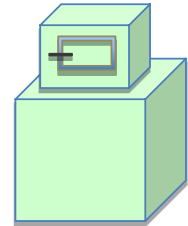
Dr. Tetsuji Imanaka, Institute of Multiple Nuclear Science, Kyoto University

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 | |
|--|-----------------------------|----------------|---------------------------|--------------------|----------------|------------------|----------------------------------|------------------------|----------------------------|--|
| | | | | | | | | | | |
| Brown rice | Fukushima, Fukushima Pref. | Oct-20 | OR | Cs137 | 0.5 Bq/kg raw | ± 0.04 Bq/kg raw | 0.5 | Cs137 | — Bq/kg raw | |
| | | | | Cs134 | — Bq/kg raw | ± — Bq/kg raw | | Cs134 | — Bq/kg raw | |
| Rice | Namie, Futaba, Fukushima | Oct-20 | OR | Cs137 | 0.4 Bq/kg raw | ± 0.03 Bq/kg raw | 0.4 | Cs137 | — Bq/kg raw | |
| | | | | Cs134 | — Bq/kg raw | ± — Bq/kg raw | | Cs134 | — Bq/kg raw | |
| Rice | Otama, Adachi, Fukushima | Oct-20 | OR | Cs137 | 0.4 Bq/kg raw | ± 0.03 Bq/kg raw | 0.4 | Cs137 | — Bq/kg raw | |
| | | | | Cs134 | — Bq/kg raw | ± — Bq/kg raw | | Cs134 | — Bq/kg raw | |
| Rice | Hiroshima Pref. | Oct-20 | OR | Cs137 | — Bq/kg raw | ± — Bq/kg raw | Under Minimum Limit of Detection | Cs137 | 0.03 Bq/kg raw | |
| | | | | Cs134 | — Bq/kg raw | ± — Bq/kg raw | | Cs134 | — Bq/kg raw | |
| Taro | Namie, Futaba, Fukushima | Jan-21 | CA | Cs137 | 4.7 Bq/kg raw | ± 0.06 Bq/kg raw | 4.9 | Cs137 | — Bq/kg raw | |
| | | | | Cs134 | 0.2 Bq/kg raw | ± 0.02 Bq/kg raw | | Cs134 | — Bq/kg raw | |
| Aralia sprout (Greenhouse cultivation) | Yamagata Pref. | Feb-21 | 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 | — Bq/kg raw | |
| Ginkgo | Namie, Futaba, Fukushima | Jan-21 | OR | Cs137 | 4.5 Bq/kg raw | ± 0.3 Bq/kg raw | 4.5 | Cs137 | — Bq/kg raw | |
| | | | | Cs134 | — Bq/kg raw | ± — Bq/kg raw | | Cs134 | — Bq/kg raw | |
| Dried bracken | Hirata, Ishikawa, Fukushima | Jan-21 | OR | Cs137 | 38 Bq/kg raw | ± 1.1 Bq/kg raw | 39.8 | Cs137 | — Bq/kg raw | |
| | | | | Cs134 | 1.8 Bq/kg raw | ± 0.3 Bq/kg raw | | Cs134 | — Bq/kg raw | |
| Butterbur · Udo Mix | Miwa, Iwaki | Feb-21 | CA | Cs137 | 0.4 Bq/kg raw | ± 0.04 Bq/kg raw | 0.4 | Cs137 | — Bq/kg raw | |
| | | | | Cs134 | — Bq/kg raw | ± — Bq/kg raw | | Cs134 | — Bq/kg raw | |
| King oyster mushroom | Ogawa, Iwaki | Feb-21 | OR | Cs137 | 1.8 Bq/kg raw | ± 0.06 Bq/kg raw | 1.86 | Cs137 | — Bq/kg raw | |
| | | | | Cs134 | 0.06 Bq/kg raw | ± 0.02 Bq/kg raw | | Cs134 | — Bq/kg raw | |
| Dried green seaweed | Fukushima Pref. | Feb-21 | OR | Cs137 | 0.6 Bq/kg raw | ± 0.06 Bq/kg raw | 0.6 | Cs137 | — Bq/kg raw | |
| | | | | Cs134 | — Bq/kg raw | ± — Bq/kg raw | | Cs134 | — Bq/kg raw | |
| Apple | Sukagawa, Fukushima | Dec-20 | OR | 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 | — Bq/kg raw | |
| Apple | Nagano Pref. | Oct-20 | 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 | |
| Mandarin orange | Mizumoto, Katsushika, Tokyo | Dec-20 | CA | Cs137 | 0.13 Bq/kg raw | ± 0.01 Bq/kg raw | 0.13 | Cs137 | — Bq/kg raw | |
| | | | | Cs134 | — Bq/kg raw | ± — Bq/kg raw | | Cs134 | — Bq/kg raw | |
| Butterbur sprout miso | Marumori, Igu, Miyagi | Dec-20 | CA | Cs137 | 0.16 Bq/kg raw | ± 0.1 Bq/kg raw | 0.16 | Cs137 | — Bq/kg raw | |
| | | | | Cs134 | — Bq/kg raw | ± — Bq/kg raw | | Cs134 | — Bq/kg raw | |
| Rice miso | Fukushima Pref. | Jan-21 | OR | Cs137 | 0.6 Bq/kg raw | ± 0.1 Bq/kg raw | 0.6 | Cs137 | — Bq/kg raw | |
| | | | | Cs134 | — Bq/kg raw | ± — Bq/kg raw | | Cs134 | — 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.

