



# Radiation Measurement Results of 164 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 ATOMETX 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

※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
Potato	Kawauchi, Futaba, Fukushima	Apr-23	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
Potato	Kagoshima	Apr-23	Cs137	— Bq/kg raw ± — Bq/kg raw	Under Minimum Limit of Detection	Cs137 3.5 Bq/kg raw
			Cs134	— Bq/kg raw ± — Bq/kg raw		Cs134 2.8 Bq/kg raw
Jerusalem artichoke	Miyakoji, Tamura, Fukushima	Apr-23	Cs137	— Bq/kg raw ± — Bq/kg raw	Under Minimum Limit of Detection	Cs137 2.8 Bq/kg raw
			Cs134	— Bq/kg raw ± — Bq/kg raw		Cs134 2.3 Bq/kg raw
Sweet potato	Yabuki, Nishishirakawa, Fukushima	Jan-23	Cs137	1.5 Bq/kg raw ± 1.0 Bq/kg raw	1.5	Cs137 1.3 Bq/kg raw
			Cs134	— Bq/kg raw ± — Bq/kg raw		Cs134 1.0 Bq/kg raw
Sweet potato	Tamura, Fukushima	Apr-23	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 1.9 Bq/kg raw
Sweet potato	Ibaraki Pref.	Apr-23	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
Taro	Hirono, Futaba, Fukushima	Nov-22	Cs137	2.3 Bq/kg raw ± 1.3 Bq/kg raw	2.3	Cs137 1.7 Bq/kg raw
			Cs134	— Bq/kg raw ± — Bq/kg raw		Cs134 1.3 Bq/kg raw
Taro	Hirono, Futaba, Fukushima	Jan-23	Cs137	1.9 Bq/kg raw ± 1.3 Bq/kg raw	1.9	Cs137 1.6 Bq/kg raw
			Cs134	— Bq/kg raw ± — Bq/kg raw		Cs134 1.3 Bq/kg raw
Lotus root	Ibaraki Pref.	Apr-23	Cs137	4.0 Bq/kg raw ± 1.8 Bq/kg raw	4.0	Cs137 2.6 Bq/kg raw
			Cs134	— Bq/kg raw ± — Bq/kg raw		Cs134 2.4 Bq/kg raw
Burdock	Aomori Pref.	Apr-23	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
Chinese cabbage	Shinchi, Soma, Fukushima	Mar-23	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
Spring onion	Kikuta, Koriyama, Fukushima	Apr-23	Cs137	— Bq/kg raw ± — Bq/kg raw	Under Minimum Limit of Detection	Cs137 4.6 Bq/kg raw
			Cs134	— Bq/kg raw ± — Bq/kg raw		Cs134 3.6 Bq/kg raw
Spring onion	Fukushima, Fukushima Pref.	Apr-23	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
Spring onion	Fukushima Pref.	Apr-23	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 1.6 Bq/kg raw
New Onion	Hiwada, Koriyama, Fukushima	Apr-23	Cs137	— Bq/kg raw ± — Bq/kg raw	Under Minimum Limit of Detection	Cs137 3.2 Bq/kg raw
			Cs134	— Bq/kg raw ± — Bq/kg raw		Cs134 3.0 Bq/kg raw
Green onion	Iwaki City	Apr-23	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 1.4 Bq/kg raw
Cucumber	Miharu, Tamura, Fukushima	Apr-23	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

※"\_" 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				
Cabbage	Miharu, Tamura, Fukushima	Mar-23	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	2.1	Bq/kg raw
Lettuce	Fukushima, Fukushima Pref.	Apr-23	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	1.7	Bq/kg raw
Broccoli	Kawauchi, Futaba, Fukushima	Apr-23	Cs137	—	Bq/kg raw	±	—	Bq/kg raw	Under Minimum Limit of Detection	Cs137	3.7	Bq/kg raw
			Cs134	—	Bq/kg raw	±	—	Bq/kg raw		Cs134	3.4	Bq/kg raw
Broccoli	Fukushima, Fukushima Pref.	Apr-23	Cs137	—	Bq/kg raw	±	—	Bq/kg raw	Under Minimum Limit of Detection	Cs137	3.6	Bq/kg raw
			Cs134	—	Bq/kg raw	±	—	Bq/kg raw		Cs134	3.3	Bq/kg raw
Potato	Kori, Date, Fukushima.	Apr-23	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	1.9	Bq/kg raw
Japanese mustard spinach	Nishida, Koriyama, Fukushima	Apr-23	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	2.4	Bq/kg raw
Garland chrysanthemum	Kikuta, Koriyama, Fukushima	Apr-23	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	1.4	Bq/kg raw
Kukitachina	Iitate, Soma, Fukushima	Apr-23	Cs137	—	Bq/kg raw	±	—	Bq/kg raw	Under Minimum Limit of Detection	Cs137	3.6	Bq/kg raw
			Cs134	—	Bq/kg raw	±	—	Bq/kg raw		Cs134	3.3	Bq/kg raw
Kukitachina	Miyakoji, Tamura, Fukushima	Apr-23	Cs137	—	Bq/kg raw	±	—	Bq/kg raw	Under Minimum Limit of Detection	Cs137	3.1	Bq/kg raw
			Cs134	—	Bq/kg raw	±	—	Bq/kg raw		Cs134	2.8	Bq/kg raw
Mustard greens	Kawauchi, Futaba, Fukushima	Apr-23	Cs137	—	Bq/kg raw	±	—	Bq/kg raw	Under Minimum Limit of Detection	Cs137	3.1	Bq/kg raw
			Cs134	—	Bq/kg raw	±	—	Bq/kg raw		Cs134	2.8	Bq/kg raw
Miyauchi na	Nihonmatsu, Fukushima	Mar-23	Cs137	—	Bq/kg raw	±	—	Bq/kg raw	Under Minimum Limit of Detection	Cs137	4.2	Bq/kg raw
			Cs134	—	Bq/kg raw	±	—	Bq/kg raw		Cs134	3.9	Bq/kg raw
Kakina	Minamisoma, Fukushima	Apr-23	Cs137	—	Bq/kg raw	±	—	Bq/kg raw	Under Minimum Limit of Detection	Cs137	3.5	Bq/kg raw
			Cs134	—	Bq/kg raw	±	—	Bq/kg raw		Cs134	3.2	Bq/kg raw
Snap pea	Miharu, Tamura, Fukushima	Apr-23	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
Mitsuba	Ibaraki Pref.	Apr-23	Cs137	—	Bq/kg raw	±	—	Bq/kg raw	Under Minimum Limit of Detection	Cs137	4.5	Bq/kg raw
			Cs134	—	Bq/kg raw	±	—	Bq/kg raw		Cs134	3.6	Bq/kg raw
watercress	Soma, Fukushima	Mar-23	Cs137	5.2	Bq/kg raw	±	2.5	Bq/kg raw	5.2	Cs137	3.1	Bq/kg raw
			Cs134	—	Bq/kg raw	±	—	Bq/kg raw		Cs134	2.6	Bq/kg raw
watercress	Nihonmatsu, Fukushima	Apr-23	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	2.1	Bq/kg raw
Perilla	Ose, Koriyama, Fukushima	Apr-23	Cs137	—	Bq/kg raw	±	—	Bq/kg raw	Under Minimum Limit of Detection	Cs137	8.4	Bq/kg raw
			Cs134	—	Bq/kg raw	±	—	Bq/kg raw		Cs134	6.8	Bq/kg raw
Kiwi fruit	Kawauchi, Futaba, Fukushima	Apr-23	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
Kiwi fruit	Fukushima Pref.	Apr-23	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
Shitake mushroom log grown(raw)	Nakata, Koriyama, Fukushima	Apr-23	Cs137	11.6	Bq/kg raw	±	2.5	Bq/kg raw	11.6	Cs137	1.8	Bq/kg raw
			Cs134	—	Bq/kg raw	±	—	Bq/kg raw		Cs134	1.5	Bq/kg raw
Nameko mushroom	Fukushima Pref.	Apr-23	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
Shimeji mushroom	Ibaraki Pref.	Apr-23	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
Bamboo shoot(boiled)	Izumi, Iwaki	Apr-23	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
Butterbur sprout	Yanaizu, Kawanuma, Fukushima	Apr-23	Cs137	3.7	Bq/kg raw	±	1.9	Bq/kg raw	3.7	Cs137	2.4	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			
Aralia sprout	Naraha,Futaba, Fukushima	Apr-23	Cs137	17.5	Bq/kg raw	± 2.4	Bq/kg raw	17.5	Cs137	1.5	Bq/kg raw
			Cs134	—	Bq/kg raw	± —	Bq/kg raw		Cs134	2.0	Bq/kg raw
Aralia sprout	Fukushima, Fukushima Pref.	Apr-23	Cs137	6.6	Bq/kg raw	± 2.7	Bq/kg raw	6.6	Cs137	3.3	Bq/kg raw
			Cs134	—	Bq/kg raw	± —	Bq/kg raw		Cs134	2.6	Bq/kg raw
Aralia sprout	Takahagi,Ibaraki	Apr-23	Cs137	78.1	Bq/kg raw	± 15.6	Bq/kg raw	78.1	Cs137	2.2	Bq/kg raw
			Cs134	—	Bq/kg raw	± —	Bq/kg raw		Cs134	2.0	Bq/kg raw
Udo	Miharu,Tamura, Fukushima	Apr-23	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
Japanese parsley	Miharu,Tamura, Fukushima	Apr-23	Cs137	2.7	Bq/kg raw	± 1.8	Bq/kg raw	2.7	Cs137	2.4	Bq/kg raw
			Cs134	—	Bq/kg raw	± —	Bq/kg raw		Cs134	2.0	Bq/kg raw
Green soybean	Fukushima, Fukushima Pref.	Apr-23	Cs137	4.1	Bq/kg raw	± 1.3	Bq/kg raw	4.1	Cs137	1.3	Bq/kg raw
			Cs134	—	Bq/kg raw	± —	Bq/kg raw		Cs134	1.0	Bq/kg raw
Green soybean	Soma,Fukushima	Mar-23	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	1.2	Bq/kg raw
Soy pulp (domestic soybeans)	Soma,Fukushima	Apr-23	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	2.1	Bq/kg raw
Field soil	Obama,Iwaki	Apr-23	Cs137	52.8	Bq/kg dry	± 6.2	Bq/kg dry	52.8	Cs137	2.5	Bq/kg dry
			Cs134	—	Bq/kg dry	± —	Bq/kg dry		Cs134	3.0	Bq/kg dry
Soil (in the park)	Tairaminamidai chuo Park Taira,Iwaki	Mar-23	Cs137	2020.0	Bq/kg dry	± 205.0	Bq/kg dry	2060.8	Cs137	3.3	Bq/kg dry
			Cs134	40.8	Bq/kg dry	± 4.9	Bq/kg dry		Cs134	3.1	Bq/kg dry
Soil(in the park) under jungle gym	Tairaminamidai chuo Park Taira,Iwaki	Mar-23	Cs137	1100.0	Bq/kg dry	± 112.0	Bq/kg dry	1126.0	Cs137	2.6	Bq/kg dry
			Cs134	26.0	Bq/kg dry	± 3.2	Bq/kg dry		Cs134	2.5	Bq/kg dry
Soil(in the park) drinking fountains	Tairaminamidai chuo Park Taira,Iwaki	Mar-23	Cs137	403.0	Bq/kg dry	± 41.7	Bq/kg dry	413.5	Cs137	2.1	Bq/kg dry
			Cs134	10.5	Bq/kg dry	± 1.6	Bq/kg dry		Cs134	2.4	Bq/kg dry
Soil (in the park)	Tairaminamidai chuo Park Taira,Iwaki	Mar-23	Cs137	707.0	Bq/kg dry	± 735.0	Bq/kg dry	729.1	Cs137	2.7	Bq/kg dry
			Cs134	22.1	Bq/kg dry	± 2.8	Bq/kg dry		Cs134	3.0	Bq/kg dry
Soil (in the park)	Tairaminamidai chuo Park Taira,Iwaki	Mar-23	Cs137	621.0	Bq/kg dry	± 63.1	Bq/kg dry	634.8	Cs137	1.2	Bq/kg dry
			Cs134	13.8	Bq/kg dry	± 1.7	Bq/kg dry		Cs134	1.3	Bq/kg dry
Soil (in the park)	Tairaminamidai chuo Park Taira,Iwaki	Mar-23	Cs137	525.0	Bq/kg dry	± 54.2	Bq/kg dry	535.3	Cs137	2.0	Bq/kg dry
			Cs134	10.3	Bq/kg dry	± 1.5	Bq/kg dry		Cs134	2.3	Bq/kg dry
Soil (in the park)	Tairaminamidai chuo Park Taira,Iwaki	Mar-23	Cs137	372.0	Bq/kg dry	± 38.6	Bq/kg dry	377.5	Cs137	2.3	Bq/kg dry
			Cs134	5.5	Bq/kg dry	± 1.3	Bq/kg dry		Cs134	2.6	Bq/kg dry
Soil(in the park) under the tree	Tairaminamidai chuo Park Taira,Iwaki	Mar-23	Cs137	202.0	Bq/kg dry	± 21.4	Bq/kg dry	207.2	Cs137	1.7	Bq/kg dry
			Cs134	5.2	Bq/kg dry	± 1.0	Bq/kg dry		Cs134	2.0	Bq/kg dry
Soil(in the park) the rest area	Tairaminamidai chuo Park Taira,Iwaki	Mar-23	Cs137	199.0	Bq/kg dry	± 20.5	Bq/kg dry	203.3	Cs137	1.0	Bq/kg dry
			Cs134	4.3	Bq/kg dry	± 0.7	Bq/kg dry		Cs134	1.1	Bq/kg dry
Soil(in the park)under the horizontal bar	Tairaminamidai chuo Park Taira,Iwaki	Mar-23	Cs137	187.0	Bq/kg dry	± 19.4	Bq/kg dry	191.2	Cs137	1.0	Bq/kg dry
			Cs134	4.2	Bq/kg dry	± 0.7	Bq/kg dry		Cs134	1.2	Bq/kg dry
Soil(in the park) the rest area	Tairaminamidai chuo Park Taira,Iwaki	Mar-23	Cs137	119.0	Bq/kg dry	± 13.1	Bq/kg dry	119.0	Cs137	2.7	Bq/kg dry
			Cs134	—	Bq/kg dry	± —	Bq/kg dry		Cs134	2.5	Bq/kg dry
Soil (in the park)	Tairaminamidai chuo Park Taira,Iwaki	Mar-23	Cs137	103.0	Bq/kg dry	± 11.2	Bq/kg dry	103.0	Cs137	2.2	Bq/kg dry
			Cs134	—	Bq/kg dry	± —	Bq/kg dry		Cs134	2.7	Bq/kg dry
Soil(in the park) under the swing	Tairaminamidai chuo Park Taira,Iwaki	Mar-23	Cs137	18.8	Bq/kg dry	± 2.1	Bq/kg dry	18.8	Cs137	1.0	Bq/kg dry
			Cs134	—	Bq/kg dry	± —	Bq/kg dry		Cs134	1.1	Bq/kg dry
Soil(in the park) under the seesaw	Tairaminamidai-chuo Park Taira,Iwaki	Mar-23	Cs137	14.9	Bq/kg dry	± 1.7	Bq/kg dry	14.9	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 slide	Tairaminamidai chuo Park Taira,Iwaki	Mar-23	Cs137	11.0	Bq/kg dry	± 1.3	Bq/kg dry	11.0	Cs137	0.9	Bq/kg dry
			Cs134	—	Bq/kg dry	± —	Bq/kg dry		Cs134	1.2	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

(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) Sandbox	Tairaminamidai chuo Park Taira, Iwaki	Mar-23	Cs137	— Bq/kg dry	±	— Bq/kg dry	Under Minimum Limit of Detection	Cs137	1.8 Bq/kg dry
			Cs134	— Bq/kg dry	±	— Bq/kg dry		Cs134	1.7 Bq/kg dry
Soil (in the park)	Satogaokasanhome daisan Park 3, Satogaoka, Iwaki	Mar-23	Cs137	1160.0 Bq/kg dry	±	118.0 Bq/kg dry	1185.0	Cs137	2.1 Bq/kg dry
			Cs134	25.0 Bq/kg dry	±	3.1 Bq/kg dry		Cs134	2.3 Bq/kg dry
Soil (in the park)	Satogaokasanhome daisan Park 3, Satogaoka, Iwaki	Mar-23	Cs137	1030.0 Bq/kg dry	±	106.0 Bq/kg dry	1059.1	Cs137	3.0 Bq/kg dry
			Cs134	29.1 Bq/kg dry	±	3.6 Bq/kg dry		Cs134	3.2 Bq/kg dry
Soil (in the park)	Satogaokasanhome daisan Park 3, Satogaoka, Iwaki	Mar-23	Cs137	740.0 Bq/kg dry	±	75.4 Bq/kg dry	754.9	Cs137	1.5 Bq/kg dry
			Cs134	14.9 Bq/kg dry	±	1.9 Bq/kg dry		Cs134	1.7 Bq/kg dry
Soil(in the park) under the swing	Satogaokasanhome daisan Park 3, Satogaoka, Iwaki	Mar-23	Cs137	700.0 Bq/kg dry	±	7.2 Bq/kg dry	718.0	Cs137	1.5 Bq/kg dry
			Cs134	18.0 Bq/kg dry	±	2.2 Bq/kg dry		Cs134	1.6 Bq/kg dry
Soil(in the park) under the tree	Satogaokasanhome daisan Park 3, Satogaoka, Iwaki	Mar-23	Cs137	515.0 Bq/kg dry	±	52.9 Bq/kg dry	531.7	Cs137	1.5 Bq/kg dry
			Cs134	16.7 Bq/kg dry	±	2.0 Bq/kg dry		Cs134	1.7 Bq/kg dry
Soil(in the park)under the horizontal bar	Satogaokasanhome daisan Park 3, Satogaoka, Iwaki	Mar-23	Cs137	399.0 Bq/kg dry	±	40.7 Bq/kg dry	408.6	Cs137	1.3 Bq/kg dry
			Cs134	9.6 Bq/kg dry	±	1.3 Bq/kg dry		Cs134	1.5 Bq/kg dry
Soil(in the park) under the tree	Satogaokasanhome daisan Park 3, Satogaoka, Iwaki	Mar-23	Cs137	398.0 Bq/kg dry	±	41.9 Bq/kg dry	407.7	Cs137	2.6 Bq/kg dry
			Cs134	9.7 Bq/kg dry	±	1.7 Bq/kg dry		Cs134	3.2 Bq/kg dry
Soil(in the park) under the animal playset	Satogaokasanhome daisan Park 3, Satogaoka, Iwaki	Mar-23	Cs137	343.0 Bq/kg dry	±	35.3 Bq/kg dry	353.2	Cs137	1.5 Bq/kg dry
			Cs134	10.2 Bq/kg dry	±	1.4 Bq/kg dry		Cs134	1.7 Bq/kg dry
Soil (in the park)	Satogaokasanhome daisan Park 3, Satogaoka, Iwaki	Mar-23	Cs137	288.0 Bq/kg dry	±	3.0 Bq/kg dry	294.3	Cs137	2.1 Bq/kg dry
			Cs134	6.3 Bq/kg dry	±	1.3 Bq/kg dry		Cs134	2.5 Bq/kg dry
Soil (in the park)	Satogaokasanhome daisan Park 3, Satogaoka, Iwaki	Mar-23	Cs137	253.0 Bq/kg dry	±	26.4 Bq/kg dry	260.6	Cs137	1.7 Bq/kg dry
			Cs134	7.6 Bq/kg dry	±	1.3 Bq/kg dry		Cs134	2.1 Bq/kg dry
Soil(in the park) under the bench	Satogaokasanhome daisan Park 3, Satogaoka, Iwaki	Mar-23	Cs137	191.0 Bq/kg dry	±	20.4 Bq/kg dry	195.9	Cs137	1.8 Bq/kg dry
			Cs134	4.9 Bq/kg dry	±	1.0 Bq/kg dry		Cs134	2.3 Bq/kg dry
Soil(in the park) drinking fountains	Satogaokasanhome daisan Park 3, Satogaoka, Iwaki	Mar-23	Cs137	106.0 Bq/kg dry	±	11.9 Bq/kg dry	106.0	Cs137	3.2 Bq/kg dry
			Cs134	— Bq/kg dry	±	— Bq/kg dry		Cs134	3.0 Bq/kg dry
Soil(in the park) under the slide	Satogaokasanhome daisan Park 3, Satogaoka, Iwaki	Mar-23	Cs137	96.0 Bq/kg dry	±	10.7 Bq/kg dry	98.5	Cs137	1.7 Bq/kg dry
			Cs134	2.5 Bq/kg dry	±	0.8 Bq/kg dry		Cs134	2.2 Bq/kg dry
Soil (in the park)	Jiyugaoka Park Jiyugaoka, Iwaki	Mar-23	Cs137	562.0 Bq/kg dry	±	57.2 Bq/kg dry	572.6	Cs137	1.4 Bq/kg dry
			Cs134	10.6 Bq/kg dry	±	1.4 Bq/kg dry		Cs134	1.6 Bq/kg dry
Soil (in the park)	Jiyugaoka Park Jiyugaoka, Iwaki	Mar-23	Cs137	416.0 Bq/kg dry	±	43.6 Bq/kg dry	426.8	Cs137	2.5 Bq/kg dry
			Cs134	10.8 Bq/kg dry	±	1.8 Bq/kg dry		Cs134	2.9 Bq/kg dry
Soil(in the park) the soccer goal	Jiyugaoka Park Jiyugaoka, Iwaki	Mar-23	Cs137	206.0 Bq/kg dry	±	21.2 Bq/kg dry	210.9	Cs137	1.0 Bq/kg dry
			Cs134	4.9 Bq/kg dry	±	0.8 Bq/kg dry		Cs134	1.3 Bq/kg dry
Soil (in the park)	Jiyugaoka Park Jiyugaoka, Iwaki	Mar-23	Cs137	142.0 Bq/kg dry	±	14.8 Bq/kg dry	142.0	Cs137	1.5 Bq/kg dry
			Cs134	— Bq/kg dry	±	— Bq/kg dry		Cs134	1.4 Bq/kg dry
Soil (in the park)	Jiyugaoka Park Jiyugaoka, Iwaki	Mar-23	Cs137	72.5 Bq/kg dry	±	8.2 Bq/kg dry	72.5	Cs137	2.9 Bq/kg dry
			Cs134	— Bq/kg dry	±	— Bq/kg dry		Cs134	2.7 Bq/kg dry
Soil(in the park) under the slide	Jiyugaoka Park Jiyugaoka, Iwaki	Mar-23	Cs137	62.4 Bq/kg dry	±	7.0 Bq/kg dry	62.4	Cs137	2.3 Bq/kg dry
			Cs134	— Bq/kg dry	±	— Bq/kg dry		Cs134	2.1 Bq/kg dry
Soil(in the park) under the swing	Jiyugaoka Park Jiyugaoka, Iwaki	Mar-23	Cs137	32.6 Bq/kg dry	±	4.0 Bq/kg dry	32.6	Cs137	2.5 Bq/kg dry
			Cs134	— Bq/kg dry	±	— Bq/kg dry		Cs134	2.3 Bq/kg dry
Soil(in the park) Sandbox	Jiyugaoka Park Jiyugaoka, Iwaki	Mar-23	Cs137	— Bq/kg dry	±	— Bq/kg dry	Under Minimum Limit of Detection	Cs137	1.7 Bq/kg dry
			Cs134	— Bq/kg dry	±	— Bq/kg dry		Cs134	1.6 Bq/kg dry
Soil (in the park)	Wakabadai mimami Park 2, wakabadai, Iwaki	Mar-23	Cs137	1010.0 Bq/kg dry	±	103.0 Bq/kg dry	1028.6	Cs137	2.1 Bq/kg dry
			Cs134	18.6 Bq/kg dry	±	2.4 Bq/kg dry		Cs134	2.1 Bq/kg dry
Soil(in the park) under the climbing pole	Wakabadai mimami Park 2, wakabadai, Iwaki	Mar-23	Cs137	990.0 Bq/kg dry	±	102.0 Bq/kg dry	1019.1	Cs137	3.0 Bq/kg dry
			Cs134	29.1 Bq/kg dry	±	3.6 Bq/kg dry		Cs134	3.2 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

(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) under the tree	Wakabadai mimami Park 2, wakabadai, Iwaki	Mar-23	Cs137	767.0 Bq/kg dry	± 79.4 Bq/kg dry	785.5	Cs137	3.3 Bq/kg dry
			Cs134	18.5 Bq/kg dry	± 2.7 Bq/kg dry		Cs134	3.6 Bq/kg dry
Soil (in the park)	Wakabadai mimami Park 2, wakabadai, Iwaki	Mar-23	Cs137	688.0 Bq/kg dry	± 70.3 Bq/kg dry	704.9	Cs137	1.7 Bq/kg dry
			Cs134	16.9 Bq/kg dry	± 2.1 Bq/kg dry		Cs134	2.0 Bq/kg dry
Soil(in the park) under the bench	Wakabadai mimami Park 2, wakabadai, Iwaki	Mar-23	Cs137	433.0 Bq/kg dry	± 45.4 Bq/kg dry	444.6	Cs137	2.5 Bq/kg dry
			Cs134	11.6 Bq/kg dry	± 1.9 Bq/kg dry		Cs134	3.0 Bq/kg dry
Soil (in the park)	Wakabadai mimami Park 2, wakabadai, Iwaki	Mar-23	Cs137	335.0 Bq/kg dry	± 35.6 Bq/kg dry	343.4	Cs137	3.2 Bq/kg dry
			Cs134	8.4 Bq/kg dry	± 1.8 Bq/kg dry		Cs134	3.9 Bq/kg dry
Soil (in the park)	Wakabadai mimami Park 2, wakabadai, Iwaki	Mar-23	Cs137	203.0 Bq/kg dry	± 21.1 Bq/kg dry	206.8	Cs137	1.3 Bq/kg dry
			Cs134	3.8 Bq/kg dry	± 0.8 Bq/kg dry		Cs134	1.7 Bq/kg dry
Soil (in the park)	Wakabadai mimami Park 2, wakabadai, Iwaki	Mar-23	Cs137	160.0 Bq/kg dry	± 17.3 Bq/kg dry	160.0	Cs137	3.3 Bq/kg dry
			Cs134	— Bq/kg dry	± — Bq/kg dry		Cs134	3.0 Bq/kg dry
Soil(in the park) drinking fountains	Wakabadai mimami Park 2, wakabadai, Iwaki	Mar-23	Cs137	45.6 Bq/kg dry	± 53.0 Bq/kg dry	45.6	Cs137	2.3 Bq/kg dry
			Cs134	— Bq/kg dry	± — Bq/kg dry		Cs134	2.7 Bq/kg dry
Soil(in the park) under the swing	Wakabadai mimami Park 2, wakabadai, Iwaki	Mar-23	Cs137	8.2 Bq/kg dry	± 1.0 Bq/kg dry	8.2	Cs137	1.1 Bq/kg dry
			Cs134	— Bq/kg dry	± — Bq/kg dry		Cs134	1.3 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 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	Measuring instrument type	Measurement Result		Uncertainty		Total Amount of Cesium	Minimum Limit of Detection			
				Cs137	Cs134	±	±		Cs137	Cs134		
Rice	Yukawa, Kawanuma, Fukushima	Oct-22	OR	Cs137	0.08	Bq/kg raw	± 0.02	Bq/kg raw	0.08	Cs137	0.04	Bq/kg raw
				Cs134	—	Bq/kg raw	± —	Bq/kg raw		Cs134	0.05	Bq/kg raw
Rice	Watanabe, Iwaki	Oct-22	OR	Cs137	0.18	Bq/kg raw	± 0.02	Bq/kg raw	0.18	Cs137	0.04	Bq/kg raw
				Cs134	—	Bq/kg raw	± —	Bq/kg raw		Cs134	0.07	Bq/kg raw
Mitsuba	Naraha, Futaba, Fukushima	Apr-23	CA	Cs137	4.1	Bq/kg raw	± 0.5	Bq/kg raw	4.1	Cs137	1.0	Bq/kg raw
				Cs134	—	Bq/kg raw	± —	Bq/kg raw		Cs134	1.0	Bq/kg raw
Wasabi leaf	Nihonmatsu, Fukushima	Apr-23	CA	Cs137	0.71	Bq/kg raw	± 0.08	Bq/kg raw	0.71	Cs137	0.1	Bq/kg raw
				Cs134	—	Bq/kg raw	± —	Bq/kg raw		Cs134	0.1	Bq/kg raw
Bamboo shoot (raw)	Naraha, Futaba, Fukushima	Apr-23	CA	Cs137	9.2	Bq/kg raw	± 0.1	Bq/kg raw	9.2	Cs137	0.08	Bq/kg raw
				Cs134	—	Bq/kg raw	± —	Bq/kg raw		Cs134	0.08	Bq/kg raw
Bamboo shoot (raw)	Yamatsuri, Higashishirakawa, Fukushima	Apr-23	CA	Cs137	0.95	Bq/kg raw	± 0.03	Bq/kg raw	0.95	Cs137	0.05	Bq/kg raw
				Cs134	—	Bq/kg raw	± —	Bq/kg raw		Cs134	0.05	Bq/kg raw
Bamboo shoot (raw)	Soeno, Iwaki	Apr-23	OR	Cs137	0.92	Bq/kg raw	± 0.05	Bq/kg raw	0.95	Cs137	0.09	Bq/kg raw
				Cs134	—	Bq/kg raw	± —	Bq/kg raw		Cs134	0.09	Bq/kg raw
Butterbur sprout(wild)	Naraha, Futaba, Fukushima	Apr-23	OR	Cs137	5.8	Bq/kg raw	± 0.3	Bq/kg raw	5.8	Cs137	0.4	Bq/kg raw
				Cs134	—	Bq/kg raw	± —	Bq/kg raw		Cs134	0.5	Bq/kg raw
Aralia sprout(wild)	Naraha, Futaba, Fukushima	Apr-23	CA	Cs137	17.4	Bq/kg raw	± 1.1	Bq/kg raw	17.4	Cs137	1.2	Bq/kg raw
				Cs134	—	Bq/kg raw	± —	Bq/kg raw		Cs134	1.4	Bq/kg raw
Aralia sprout(wild)	Iwaki	Apr-23	CA	Cs137	38.8	Bq/kg raw	± 0.5	Bq/kg raw	39.9	Cs137	0.3	Bq/kg raw
				Cs134	1.1	Bq/kg raw	± 0.2	Bq/kg raw		Cs134	0.1	Bq/kg raw
Japanese parsley(wild)	Tamura, Koriyama, Fukushima	Apr-23	CA	Cs137	0.16	Bq/kg raw	± 0.06	Bq/kg raw	0.16	Cs137	0.1	Bq/kg raw
				Cs134	—	Bq/kg raw	± —	Bq/kg raw		Cs134	0.1	Bq/kg raw
Warabi(wild)	Kanayama, Iwaki	Apr-23	OR	Cs137	2.5	Bq/kg raw	± 0.2	Bq/kg raw	2.5	Cs137	0.3	Bq/kg raw
				Cs134	—	Bq/kg raw	± —	Bq/kg raw		Cs134	0.4	Bq/kg raw
Horsetail	Chuodai, Iwaki	Apr-23	OR	Cs137	0.6	Bq/kg raw	± 0.09	Bq/kg raw	0.6	Cs137	0.1	Bq/kg raw
				Cs134	—	Bq/kg raw	± —	Bq/kg raw		Cs134	0.2	Bq/kg raw
Milk	Koriyama, Fukushima	Apr-23	CA	Cs137	0.39	Bq/kg raw	± 0.02	Bq/kg raw	0.39	Cs137	0.03	Bq/kg raw
				Cs134	—	Bq/kg raw	± —	Bq/kg raw		Cs134	0.03	Bq/kg raw
Mung bean	Thailand (production)	Jan-23	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
Yamafuchi	China (production)	Jan-23	OR	Cs137	—	Bq/kg raw	± —	Bq/kg raw	Under Minimum Limit of Detection	Cs137	0.9	Bq/kg raw
				Cs134	—	Bq/kg raw	± —	Bq/kg raw		Cs134	1.0	Bq/kg raw
Wood ear mushroom(dried)	China (production)	Jan-23	CA	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
strawberry	Minamisoma, Fukushima	Mar-23	CA	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	2.3	Bq/kg raw
Sweet watson pomelo	Hirono, Futaba, Fukushima	Mar-23	CA	Cs137	0.22	Bq/kg raw	± 0.07	Bq/kg raw	0.22	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.

Samples	Sampling Point	Sampling Month	Measuring instrument type	Measurement Result		Uncertainty		Total Amount of Cesium	Minimum Limit of Detection		
Kumquat	Hirono, Futaba, Fukushima	Mar-23	OR	Cs137	0.4 Bq/kg raw	± 0.1 Bq/kg raw	0.4	Cs137	0.2 Bq/kg raw	Cs134	0.2 Bq/kg raw
				Cs134	— Bq/kg raw	± — Bq/kg raw			0.2 Bq/kg raw		
Roundnose flounder	Hisanohama Port/Iwaki City	Mar-23	CA	Cs137	0.7 Bq/kg raw	± 0.1 Bq/kg raw	0.7	Cs137	0.1 Bq/kg raw	Cs134	0.1 Bq/kg raw
				Cs134	— Bq/kg raw	± — Bq/kg raw			0.1 Bq/kg raw		
Sea robin	Ukedo port/ Futaba County	Mar-23	OR	Cs137	0.3 Bq/kg raw	± 0.1 Bq/kg raw	0.3	Cs137	0.1 Bq/kg raw	Cs134	0.2 Bq/kg raw
				Cs134	— Bq/kg raw	± — Bq/kg raw			0.2 Bq/kg raw		
Greeneye	Fukushima Pref.	Mar-23	CA	Cs137	— Bq/kg raw	± — Bq/kg raw	Under Minimum Limit of Detection	Cs137	0.2 Bq/kg raw	Cs134	0.2 Bq/kg raw
				Cs134	— Bq/kg raw	± — Bq/kg raw			0.2 Bq/kg raw		
Slime flounder	Hisanohama Port/Iwaki City	Mar-23	CA	Cs137	0.7 Bq/kg raw	± 0.09 Bq/kg raw	0.7	Cs137	0.1 Bq/kg raw	Cs134	0.1 Bq/kg raw
				Cs134	— Bq/kg raw	± — Bq/kg raw			0.1 Bq/kg raw		
Sardine(head)	Numanouchi Port/Iwaki City	Sep-22	CA	Cs137	0.2 Bq/kg raw	± 0.09 Bq/kg raw	0.2	Cs137	0.1 Bq/kg raw	Cs134	0.1 Bq/kg raw
				Cs134	— Bq/kg raw	± — Bq/kg raw			0.1 Bq/kg raw		
Wakame seaweed	Nakanosaku Port/Iwaki City	Apr-23	OR	Cs137	— Bq/kg raw	± — Bq/kg raw	Under Minimum Limit of Detection	Cs137	0.1 Bq/kg raw	Cs134	0.1 Bq/kg raw
				Cs134	— Bq/kg raw	± — Bq/kg raw			0.1 Bq/kg raw		
Loquat fruit	Izumigaoka, Iwaki	Mar-23	OR	Cs137	13.4 Bq/kg raw	± 1.1 Bq/kg raw	13.4	Cs137	1.8 Bq/kg raw	Cs134	2.0 Bq/kg raw
				Cs134	— Bq/kg raw	± — Bq/kg raw			2.0 Bq/kg raw		
Tap water (purified water)	Naraha, Futaba, Fukushima	Apr-23	OR	Cs137	— Bq/L	± — Bq/L	Under Minimum Limit of Detection	Cs137	0.4 Bq/L	Cs134	0.3 Bq/L
				Cs134	— Bq/L	± — Bq/L			0.3 Bq/L		
Tap water	Naraha, Futaba, Fukushima	Apr-23	CA	Cs137	— Bq/L	± — Bq/L	Under Minimum Limit of Detection	Cs137	0.3 Bq/L	Cs134	0.2 Bq/L
				Cs134	— Bq/L	± — Bq/L			0.2 Bq/L		
Soil (flower bed)	Naraha, Futaba, Fukushima	Apr-23	CA	Cs137	10434.0 Bq/kg dry	± 71.8 Bq/kg dry	10660.8	Cs137	13.8 Bq/kg dry	Cs134	17.0 Bq/kg dry
				Cs134	226.8 Bq/kg dry	± 8.5 Bq/kg dry			17.0 Bq/kg dry		
Soil	Naraha, Futaba, Fukushima	Apr-23	OR	Cs137	422.0 Bq/kg dry	± 5.9 Bq/kg dry	432.4	Cs137	2.0 Bq/kg dry	Cs134	1.9 Bq/kg dry
				Cs134	10.4 Bq/kg dry	± 1.2 Bq/kg dry			1.9 Bq/kg dry		
Field soil	Naraha, Futaba, Fukushima	Apr-23	CA	Cs137	571.2 Bq/kg dry	± 6.7 Bq/kg dry	586.7	Cs137	2.3 Bq/kg dry	Cs134	2.5 Bq/kg dry
				Cs134	15.5 Bq/kg dry	± 1.0 Bq/kg dry			2.5 Bq/kg dry		
Mountain sand	Kawamata, Date, Fukushima	Apr-23	OR	Cs137	11.5 Bq/kg dry	± 0.06 Bq/kg dry	11.7	Cs137	0.06 Bq/kg dry	Cs134	0.06 Bq/kg dry
				Cs134	0.2 Bq/kg dry	± 0.03 Bq/kg dry			0.06 Bq/kg dry		
Soil (in the park)	Jiyugaoka Park Jiyugaoka, Iwaki	Mar-23	OR	Cs137	215.0 Bq/kg dry	± 3.8 Bq/kg dry	220.5	Cs137	1.7 Bq/kg dry	Cs134	2.0 Bq/kg dry
				Cs134	5.5 Bq/kg dry	± 0.7 Bq/kg dry			2.0 Bq/kg dry		
Soil (in the park)	Jiyugaoka Park Jiyugaoka, Iwaki	Mar-23	OR	Cs137	170.0 Bq/kg dry	± 3.5 Bq/kg dry	175.0	Cs137	2.0 Bq/kg dry	Cs134	1.6 Bq/kg dry
				Cs134	5.0 Bq/kg dry	± 1.1 Bq/kg dry			1.6 Bq/kg dry		
Soil	Kurume, Tokyo	Mar-23	CA	Cs137	14.5 Bq/kg dry	± 0.3 Bq/kg dry	14.5	Cs137	0.4 Bq/kg dry	Cs134	0.4 Bq/kg dry
				Cs134	— Bq/kg dry	± — Bq/kg dry			0.4 Bq/kg dry		
Soil	Kamakura, Kanagawa	Mar-23	OR	Cs137	1.2 Bq/kg dry	± 0.2 Bq/kg dry	1.2	Cs137	0.4 Bq/kg dry	Cs134	0.4 Bq/kg dry
				Cs134	— Bq/kg dry	± — Bq/kg dry			0.4 Bq/kg dry		
Soil	Yokohama, Kanagawa	Mar-23	CA	Cs137	3.2 Bq/kg dry	± 0.7 Bq/kg dry	3.2	Cs137	0.8 Bq/kg dry	Cs134	0.7 Bq/kg dry
				Cs134	— Bq/kg dry	± — Bq/kg dry			0.7 Bq/kg dry		
Soil	Aichi Pref.	Mar-23	OR	Cs137	— Bq/kg dry	± — Bq/kg dry	Under Minimum Limit of Detection	Cs137	0.6 Bq/kg dry	Cs134	0.6 Bq/kg dry
				Cs134	— Bq/kg dry	± — Bq/kg dry			0.6 Bq/kg dry		
Soil	Nagoya, Aichi	Mar-23	CA	Cs137	— Bq/kg dry	± — Bq/kg dry	Under Minimum Limit of Detection	Cs137	0.3 Bq/kg dry	Cs134	0.3 Bq/kg dry
				Cs134	— Bq/kg dry	± — Bq/kg dry			0.3 Bq/kg dry		
Soil	Wakayama Pref.	Mar-23	CA	Cs137	— Bq/kg dry	± — Bq/kg dry	Under Minimum Limit of Detection	Cs137	0.4 Bq/kg dry	Cs134	0.4 Bq/kg dry
				Cs134	— Bq/kg dry	± — Bq/kg dry			0.4 Bq/kg dry		
Soil	Kamitonnda, Nishimuro, Wakayama	Mar-23	OR	Cs137	0.8 Bq/kg dry	± 0.2 Bq/kg dry	0.8	Cs137	0.5 Bq/kg dry	Cs134	0.6 Bq/kg dry
				Cs134	— Bq/kg dry	± — Bq/kg dry			0.6 Bq/kg dry		
Paulownia chips	Nagaoka, Niigata	Apr-23	OR	Cs137	— Bq/kg raw	± — Bq/kg raw	Under Minimum Limit of Detection	Cs137	0.6 Bq/kg raw	Cs134	0.7 Bq/kg raw
				Cs134	— Bq/kg raw	± — Bq/kg raw			0.7 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	Measuring instrument type	Measurement Result		Uncertainty		Total Amount of Cesium	Minimum Limit of Detection	
Cidar chips	Nagaoka,Niigata	Apr-23	CA	Cs137	1.3 <small>Bq/kg raw</small>	± 0.4 <small>Bq/kg raw</small>	1.3	Cs137	0.9 <small>Bq/kg raw</small>	
				Cs134	— <small>Bq/kg raw</small>	± — <small>Bq/kg raw</small>		Cs134	0.9 <small>Bq/kg raw</small>	
Cedar leaves	Nagaoka,Niigata	Apr-23	OR	Cs137	1.4 <small>Bq/kg raw</small>	± 0.09 <small>Bq/kg raw</small>	1.4	Cs137	0.1 <small>Bq/kg raw</small>	
				Cs134	— <small>Bq/kg raw</small>	± — <small>Bq/kg raw</small>		Cs134	0.1 <small>Bq/kg raw</small>	
Ash (Grape tree)	Nagano Pref.	Mar-23	OR	Cs137	6.1 <small>Bq/kg raw</small>	± 0.1 <small>Bq/kg raw</small>	6.1	Cs137	0.2 <small>Bq/kg raw</small>	
				Cs134	— <small>Bq/kg raw</small>	± — <small>Bq/kg raw</small>		Cs134	0.2 <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 <b>HIDEX 300SLL</b>	Product of PerkinElmer Japan <b>Quantulus GCT 6220</b>	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/kg dry	±	—	Bq/kg dry	0.37	Bq/kg dry
Slime flounder(flesh)	Fukushima Pref.	Mar-22	T (free)	Under Minimum Limit of Detection	Bq/kg dry	±	—	Bq/kg dry	0.37 Bq/kg dry
White rockfish (flesh)①	Off the coast of Fukushima Nuclear Power Plant 1	May-22	T (free)	Under Minimum Limit of Detection	Bq/kg dry	±	—	Bq/kg dry	0.37 Bq/kg dry
White rockfish (flesh)②	Off the coast of Fukushima Nuclear Power Plant 1	May-22	T (free)	Under Minimum Limit of Detection	Bq/L	±	—	Bq/L	0.37 Bq/L
White rockfish (flesh)③	Off the coast of Fukushima Nuclear Power Plant 1	May-22	T (free)	Under Minimum Limit of Detection	Bq/L	±	—	Bq/L	0.37 Bq/L
White rockfish (flesh)④	Off the coast of Fukushima Nuclear Power Plant 1	May-22	T (free)	Under Minimum Limit of Detection	Bq/L	±	—	Bq/L	0.36 Bq/L
White rockfish (flesh)⑤	Off the coast of Fukushima Nuclear Power Plant 1	May-22	T (free)	Under Minimum Limit of Detection	Bq/L	±	—	Bq/L	0.37 Bq/L
White rockfish (flesh)⑥	Off the coast of Fukushima Nuclear Power Plant 1	May-22	T (free)	Under Minimum Limit of Detection	Bq/L	±	—	Bq/L	0.36 Bq/L
White rockfish (flesh)⑦	Off the coast of Fukushima Nuclear Power Plant 1	May-22	T (free)	Under Minimum Limit of Detection	Bq/L	±	—	Bq/L	0.37 Bq/L
White rockfish (flesh)⑧	Off the coast of Fukushima Nuclear Power Plant 1	May-22	T (free)	Under Minimum Limit of Detection	Bq/L	±	—	Bq/kg dry	0.37 Bq/L
Greenling (flesh)	Off the coast of Fukushima Nuclear Power Plant 1	May-22	T (free)	Under Minimum Limit of Detection	Bq/L	±	—	Bq/kg dry	0.36 Bq/L
Fox jacopever (flesh)	Off the coast of Fukushima Nuclear Power Plant 1	May-22	T (free)	Under Minimum Limit of Detection	Bq/L	±	—	Bq/kg dry	0.36 Bq/L
Flounder (flesh)	Off the coast of Fukushima Nuclear Power Plant 1	Aug-22	T (free)	Under Minimum Limit of Detection	Bq/L	±	—	Bq/kg dry	0.35 Bq/L
Honey	Namie, Futaba, Fukushima	Oct-21	Sr90	Under Minimum Limit of Detection	Bq/kg dry	±	—	Bq/L	0.97 Bq/kg dry
Shitake mushroom log grown(dried)	Shizuoka Pref.	Feb-20	Sr90	1.16	Bq/kg dry	±	0.09	Bq/L	0.12 Bq/kg dry
Sea water (surface)	Sendai Bay-B Miyagi	Apr-23	Sr90	0.0006	Bq/L	±	0.0003	Bq/L	0.0004 Bq/L
Sea water (lower)	Sendai Bay-B Miyagi	Apr-23	Sr90	Under Minimum Limit of Detection	Bq/L	±	—	Bq/L	0.0005 Bq/L
Lake bottom soil (0-5cm edge)	Kasumigaura, Ibaraki	Oct-22	Sr90	Under Minimum Limit of Detection	Bq/kg dry	±	—	Bq/L	1.60 Bq/kg dry
Lake bottom soil (5-10cm center)	Kasumigaura, Ibaraki	Oct-22	Sr90	Under Minimum Limit of Detection	Bq/kg dry	±	—	Bq/kg dry	1.43 Bq/kg dry

# ★Beta-ray

(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
Pine leaves	Okuma, Futaba, Fukushima	Dec-19	Sr90	15.38 Bq/kg dry	± 0.43 Bq/kg dry	0.45 Bq/kg dry
Pine leaves	Okuma, Futaba, Fukushima	Mar-21	Sr90	10.92 Bq/kg dry	± 0.40 Bq/L	0.45 Bq/kg dry
Ash	Iwate Pref.	Jan-23	Sr90	40.81 Bq/kg dry	± 0.60 Bq/kg dry	0.46 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.



# Measurement results of 16 items by germanium semiconductor detector

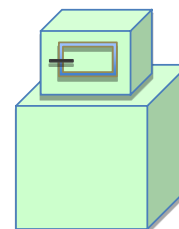
Dr. Tetsuji Imanaka, Institute of Multiple Nuclear Science, Kyoto University

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%

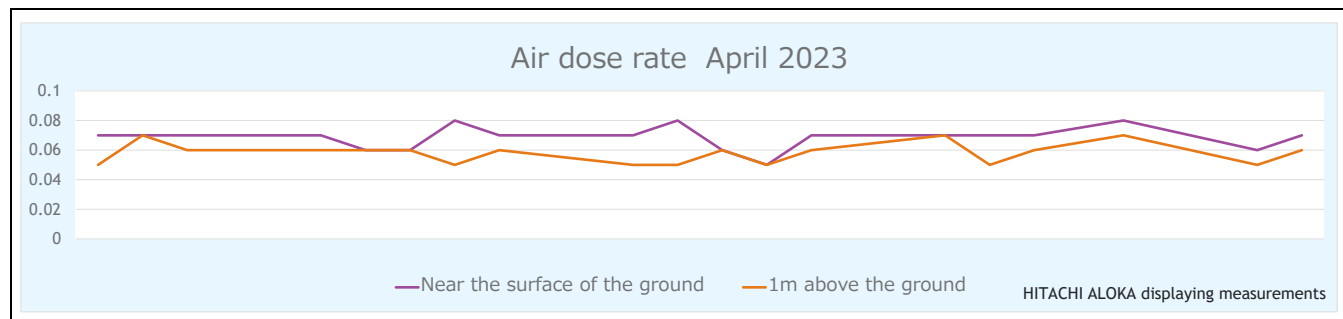


(Bq/kg raw:Weight of raw sample Bq/kg dry:Weight of dried sample)

Samples	Sampling Point	Sampling Month	Measuring instrument type	Measurement Result		Uncertainty		Total Amount of Cesium	Minimum Limit of Detection	
Potato	Ogoe, Tamura, Fukushima	Jan-23	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	
Sweet potato	Kamata, Fukushima, Fukushima	Feb-23	OR	Cs137	0.23 Bq/kg raw	± 0.05 Bq/kg raw	0.23	Cs137	Bq/kg raw	
				Cs134	— Bq/kg raw	± — Bq/kg raw		Cs134	Bq/kg raw	
Taro	Hirono, Futaba, Fukushima	Jan-23	CA	Cs137	1.2 Bq/kg raw	± 0.08 Bq/kg raw	1.2	Cs137	Bq/kg raw	
				Cs134	— Bq/kg raw	± — Bq/kg raw		Cs134	Bq/kg raw	
Jerusalem artichoke	Tamakawa, Ishikawa, Fukushima	Feb-23	OR	Cs137	0.24 Bq/kg raw	± 0.03 Bq/kg raw	0.24	Cs137	Bq/kg raw	
				Cs134	— Bq/kg raw	± — Bq/kg raw		Cs134	Bq/kg raw	
Yam	Hirono, Futaba, Fukushima	Jan-23	CA	Cs137	0.17 Bq/kg raw	± 0.03 Bq/kg raw	0.17	Cs137	Bq/kg raw	
				Cs134	— Bq/kg raw	± — Bq/kg raw		Cs134	Bq/kg raw	
Yacon	Hirono, Futaba, Fukushima	Jan-23	OR	Cs137	0.71 Bq/kg raw	± 0.04 Bq/kg raw	0.71	Cs137	Bq/kg raw	
				Cs134	— Bq/kg raw	± — Bq/kg raw		Cs134	Bq/kg raw	
Chinese cabbage	Okuma, Futaba, Fukushima	Jan-23	CA	Cs137	0.25 Bq/kg raw	± 0.03 Bq/kg raw	0.25	Cs137	Bq/kg raw	
				Cs134	— Bq/kg raw	± — Bq/kg raw		Cs134	Bq/kg raw	
Spinach	Ryouzen, Date, Fukushima	Feb-23	OR	Cs137	0.1 Bq/kg raw	± 0.03 Bq/kg raw	0.1	Cs137	Bq/kg raw	
				Cs134	— Bq/kg raw	± — Bq/kg raw		Cs134	Bq/kg raw	
Broccoli	Tatsugoyama, Fukushima, Fukushima	Feb-23	CA	Cs137	0.22 Bq/kg raw	± 0.04 Bq/kg raw	0.26	Cs137	Bq/kg raw	
				Cs134	0.04 Bq/kg raw	± 0.02 Bq/kg raw		Cs134	Bq/kg raw	
Udo (cultivation)	Samegawa, Higashishirakawa, Fukushima	Jan-23	CA	Cs137	0.03 Bq/kg raw	± 0.01 Bq/kg raw	0.03	Cs137	Bq/kg raw	
				Cs134	— Bq/kg raw	± — Bq/kg raw		Cs134	Bq/kg raw	
Actinidia arguta	Tamakawa, Ishikawa, Fukushima	Feb-23	CA	Cs137	0.21 Bq/kg raw	± 0.04 Bq/kg raw	0.21	Cs137	Bq/kg raw	
				Cs134	— Bq/kg raw	± — Bq/kg raw		Cs134	Bq/kg raw	
Soybeans	Funehiki, Tamura, Fukushima	Nov-22	CA	Cs137	0.67 Bq/kg raw	± 0.19 Bq/kg raw	0.67	Cs137	Bq/kg raw	
				Cs134	— Bq/kg raw	± — Bq/kg raw		Cs134	Bq/kg raw	
Soybeans	Tamakawa, Ishikawa, Fukushima	Feb-23	OR	Cs137	0.34 Bq/kg raw	± 0.2 Bq/kg raw	0.34	Cs137	Bq/kg raw	
				Cs134	— Bq/kg raw	± — Bq/kg raw		Cs134	Bq/kg raw	
Green soybean	Katsurao, Futaba, Fukushima	Feb-23	OR	Cs137	3.8 Bq/kg raw	± 0.5 Bq/kg raw	3.8	Cs137	Bq/kg raw	
				Cs134	— Bq/kg raw	± — Bq/kg raw		Cs134	Bq/kg raw	
Roasted Soybeans	Samegawa, Higashishirakawa, Fukushima	Jan-23	OR	Cs137	0.6 Bq/kg raw	± 0.2 Bq/kg raw	0.6	Cs137	Bq/kg raw	
				Cs134	— Bq/kg raw	± — Bq/kg raw		Cs134	Bq/kg raw	
mushroom bed Enoki mushroom	Esashi, Iwate	Feb-23	CA	Cs137	0.42 Bq/kg raw	± 0.03 Bq/kg raw	0.42	Cs137	Bq/kg raw	
				Cs134	— Bq/kg raw	± — Bq/kg raw		Cs134	Bq/kg raw	

# Air dose rate April 2023

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



Measuring Date	Weather	HITACHI ALOKA Near the surface of the ground(μSv/h)	HORIBA Radi Near the surface of the ground(μSv/h)	HITACHI ALOKA 1m above the ground(μSv/h)	HORIBA Radi 1m above the ground(μSv/h)
2023/4/3	☀	0.07	0.064	0.05	0.056
2023/4/4	☀	0.07	0.065	0.07	0.061
2023/4/5	☀	0.07	0.065	0.06	0.061
2023/4/6	☁	0.07	0.062	0.06	0.066
2023/4/7	☁/☔	0.06	0.066	0.06	0.053
2023/4/10	☀	0.06	0.064	0.06	0.062
2023/4/11	☀	0.08	0.077	0.05	0.065
2023/4/12	☁	0.07	0.071	0.06	0.044
2023/4/13	☀	0.07	0.069	0.05	0.06
2023/4/14	☁	0.08	0.07	0.05	0.05
2023/4/17	☀	0.06	0.06	0.06	0.053
2023/4/18	☔	0.05	0.067	0.05	0.063
2023/4/19	☀	0.07	0.059	0.06	0.054
2023/4/20	☀	0.07	0.067	0.07	0.064
2023/4/21	☀	0.07	0.065	0.05	0.063
2023/4/24	☁	0.07	0.058	0.06	0.057
2023/4/25	☀	0.08	0.068	0.07	0.051
2023/4/26	☔	0.06	0.066	0.05	0.062
2023/4/27	☀	0.07	0.058	0.06	0.056
2023/4/28	☀	0.06	0.07	0.06	0.06