

Results of the measurements of radioactivity in agricultural, forestry and fishery products
in Miyagi Prefecture

The Miyagi Prefectural Government has conducted the measurements of radioactivity in the agricultural, forestry and fishery product samples taken in Miyagi Prefecture. The results of the measurements are as follows.

1. Measurement date

2- 8 November, 2011

2. Facility that conduct the measurement and analysis

Facility	items	Detection limit (Bq/Kg)
Tohoku University	Vegetables, fruits, mushroom, milk and fishery products	1~2
Japan Food Research Laboratory	Soba (buckwheat)	20~40
Japan Chemical Analysis Center	Fishery Products	0.41~7.4

3. Results of the measurement

All the measurement values for agricultural, forestry and fishery products are below the provisional regulation value; the safety of these products is confirmed. The radioactivity values shown in the table below are as of the sampling date.

“Not detectable” means that radioactivity is below the detection limit.

*Please see the website “Radiation Information Site Miyagi” to search detection limit of each item.

(1) ~ (2) omitted

(3) Fishery products (sampling date: October 16-November 6)

(Unit: Becquerel/kg)

Species	Sampling site	Area	Radioactive iodine		Radioactive cesium	
			Measurement value	Provisional Regulation Value provided in the Food Sanitation Act	Measurement value	Provisional Regulation Value provided in the Food Sanitation Act
Japanese flying squid (<i>Todarodes pacificus</i>)	Offshore southern Sanriku	North of Kinkasan	Not detectable	2000	Not detectable	500
<i>Alaska Pollock</i> (<i>Theragra chalcogramma</i>)	Offshore Miyagi		Not detectable		10.2	
Chub mackerel (<i>Scomber japonicus</i>)	Offshore southern Sanriku		Not detectable		10.5	
Chum salmon (<i>Oncorhynchus keta</i>)	Offshore southern Sanriku		Not detectable		Not detectable	
Chum salmon (<i>Oncorhynchus keta</i>) (Ovary)	Offshore southern Sanriku		Not detectable		Not detectable	
Olive flounder (<i>Paralichthys olivaceus</i>)	Offshore Miyagi		Not detectable		3.3	
Stone flounder (<i>Kareius bicoloratus</i>)	Offshore Miyagi		Not detectable		Not detectable	
Fat greenling (<i>Hexagrammos otakii</i>)	Offshore Miyagi		Not detectable		7.7	
Brassblotched rockfish (<i>Sebastes pachycephalus pachycephalus</i>)	Offshore Miyagi		Not detectable		Not detectable	
Brown hake (<i>Physiculus maximowiczii</i>)	Offshore Iwate		Not detectable		4.8	
Halfbeak (<i>Hemiramphus sajori</i>)	Offshore Oshika	South of Kinkasan	Not detectable	Not detectable		
Pacific oyster (<i>Crassostrea gigas</i>)	Matsushima bay		Not detectable	Not detectable		

Pacific oyster (<i>Crassostrea gigas</i>)	Ishinomaki Bay		Not detectable		4
Anchovy (<i>Engraulis japonicus</i>)	Offshore Southern Sanriku		Not detectable		4.4
Giant Pacific octopus (<i>Paroctopus dofleini</i>)	Offshore Miyagi		Not detectable		Not detectable
Bigeye tuna (<i>Thunnus obesus</i>)	North Pacific off Japan	Offshore Fishery	Not detectable		9.9
Swordfish (<i>Xiphias gladius</i>)	Offshore Northern Sanriku		Not detectable		Not detectable
Skipjack tuna (<i>Katsuwonus pelamis</i>)	North Pacific off Japan		Not detectable		12.3
Pacific saury (<i>Cololabis saira</i>)	Offshore Hokkaido /Aomori		Not detectable		Not detectable
Silver crucian carp (<i>Carassius langsdorfii</i>)	Kurihara City (Izu pond)		Fresh water fish	Not detectable	