Table 1 Number of samples obtained during the first survey (from March 31, 2011 to August 5, 2011) modified from (Sato, 2014)

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Number | Duration | Paddy fields | Others | Total | Note |
| First | March 31 – April 1 | 53 | 17 | 70 |  |
| Second | April 6 – April 7 | 54 | 0 | 54 |  |
| Third | April 15 – April 16 | 1 | 33 | 34 |  |
| Fourth | April 27 | 3 | 0 | 3 |  |
| Fifth | May 30 – June 8 | 0 | 121 | 121 |  |
| Sixth | June 23 – June 28 | 21 | 7 | 28 | Evacuation-prepared areas in case of emergency, etc. |
| Seventh | July 6 – July 8 | 5 | 17 | 22 | Special areas where evacuation was encouraged, etc. |
| Eighth | July 27 – August 5 | 32 | 7 | 39 | Restricted areas (within 20 km from FDNPP). |
| Total |   | 169 | 169 | 169 |   |

Table 2. Number of samples obtained during the second survey (from October 24, 2011 to February 3, 2012) modified from (Sato, 2014)

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Area | Paddy fields | Others | Total | Operated sites by private companies | Operated sites by Fukushima prefecture\* |
| Kenpoku (Northern area) | 185 | 212 | 397 | 395 | 2 |
| Kencyu (Middle area) | 248 | 250 | 498 | 493 | 5 |
| Kennan (Southern area) | 117 | 114 | 231 | 231 | 0 |
| Aidu (Western area) | 237 | 126 | 363 | 363 | 0 |
| Minami Aizu (Far west area) | 25 | 30 | 55 | 55 | 0 |
| Souso (Coastal area) | 449 | 152 | 601 | 169 | 432 |
| Iwaki (Iwaki area) | 55 | 47 | 102 | 102 | 0 |
| Total | 1316 | 931 | 2247 | 1808 | 439 |

\* Fukushima prefecture consists of FATC and Fukushima Agriculture and Forestry Office.

Table 3. Inspection method of Fukushima prefecture in 2011.

|  |  |  |
| --- | --- | --- |
| Category | Applicable municipalities | Inspection number |
| a) Radiocaesium concentration of agricultural field is more than 1,000Bq/kg | Fukushima city, Kawamata town, Date city, Kori town, Kunimi town, Nihonmatsu city, Motomiya city, Otama village, Koriyama city, Tamura city, Miharu town, Sukagawa city, Nishigo village, Izumizaki village, Ten-ei village, Kitakata city, Yukawa village, Mishima town, Shinchi town, Soma city, and Iwaki city (21 cities, towns and villages) | One sample from every former municipality\*If the number of former municipalities is less than 5, the total number of samples is 5. |
| b) Air dose rate is exceeding 0.1 µSv/hr | Kagamiishi town, Ishikawa town, Tamagawa village, Hirata village, Asakawa town, Furudono town, Ono town, Shirakawa city, Nakajima village, Yabuki town, Tanakura town, Yamatsuri town, Hanawa town, Samegawa village, Aizuwakamatsu city, Bandai town, Inawashiro town, Kitashiobara town, Aizubange town, Yanaizu town, Minamiaizu town, Shimogo town (22 cities, towns and villages) | Five samples from each municipality. |
| C) Selected cities, towns and villages in Fukushima prefecture | Kanayama town, Showa village, Aizumisato town, Tadami town, Nishiaizu town (5 towns and village) | Five samples from each municipality. |

\* Former municipalities are based on Census of Agriculture and Forestry (1950)

Table 4. Brown rice inspection category in Fukushima (main inspection)

|  |  |  |
| --- | --- | --- |
| Category | Applicable municipalities | Inspection number |
| a) Priority investigation zone | Municipalities where the radioactivity of brown rice exceeded 200 Bq/kg based on preliminary inspection, and other investigation zones after main inspection. | Two samples from every approximately 15 ha (equivalent to each settlement) |
| b) Other investigation zone | Municipalities where the radioactivity of brown rice is less than 200 Bq/kg. | Two samples from each former municipality\*. |

\* Former municipalities are based on Census of Agriculture and Forestry (1950)

Table 5. Placement organisation of the analytical instrument. (2019.4.1)

|  |  |  |
| --- | --- | --- |
| Name of organisation | Number of instruments | Type |
| Ken-poku Agriculture and Forestry Office, Date Agriculture Promotion Sector | 2 | NaI |
| Ken-poku Agriculture and Forestry Office, Adachi Agriculture Promotion Sector | 1 | NaI |
| Ken-chu Agriculture and Forestry Office | 1 | NaI |
| Ken-chu Agriculture and Forestry Office, Sukagawa Agriculture Promotion Sector | 1 | NaI |
| Ken-chu Agriculture and Forestry Office, Sukagawa Agriculture Promotion Sector | 1 | LaBr3 |
| Ken-nan Agriculture and Forestry Office | 1 | NaI |
| Minami-Aizu Agriculture and Forestry Office | 1 | LaBr3 |
| Soso Agriculture and Forestry Office | 3 | LaBr3 |
|   | 1 | NaI |
| Soso Agriculture and Forestry Office, Futaba Agriculture Promotion Sector | 2 | NaI |
| Iwaki Agriculture and Forestry Office | 1 | NaI |
| Agricultural Technology Centre, Aizu Research Centre | 2 | NaI |
| Agricultural Technology Centre, Fruit Tree Research Centre | 1 | NaI |
| Forestry Research Centre | 3 | NaI |
| Total | 21 |  |

Table 6. Implementation system for the monitoring network (Fukushima prefecture)



\* Which is called as "Fukushima no megumi" and consists of 37 local associations in Fukushima prefecture except for Hinoemata village.