

S34-2 Imported food poisonings with toxic chemicals -From toxicologist's viewpoint

○Takemi YOSHIDA¹

¹Showa University, School of Pharmacy

Food contamination by pesticide residues or other chemicals has been frequently occurred to date.; thus various efforts have also been paid for supporting food security and safety., Recently, news that many people have suffered from food poisonings after eating methamidophos-contaminated frozen gyoza dumplings imported.Methamidophos is one of active metabolites of acephate. Dichlorvos and phorate have also been detected from the imported frozen gyoza. The introduction of positive list regulation of pesticide residues and others assure food safety; however, it will be difficult to control and regulate wide-variety of chemicals which are possible candidates as contaminants. Highly sensitive, simultaneous analytical methods should be developed with respect to assure food security and safety, especially those which import from various foreign countries. It is also required to gather information on food-poisoning world-widelyt. Getting cool down the pesticide concerns on food, the intentional selling of aflatoxin-contaminated imported rice as parts of edible rice has been appeared. Milk and powdered milk faked with melamin produced renal failure of many children in China. Such disaster ever occurred in many dogs and cats. Food will always be possible to contaminated with toxic chemicals, thus extensive surveillance system for imported processed food should be constructed from farmer's fields, food producers and distributers to consumers.