

Control Mechanisms for Sprayer Used in Turkey

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Abstract : There are two main approaches to manufacturing, market and usage of plant protection machinery in Turkey. The first approach is called as 'Product Safety Approach' and could be summarized as minimum health and safety requirements of consumer needs on plant protection equipment and machinery products. The second approach is the practices related to the Plant Protection Equipment and Machinery Directive. Product safety approach covers the plant protection machinery product groups within the framework of a new approach directive, Machinery Safety Directive (2006/42 / AT). The new directive is in practice in our country by 03.03.2009, parallel to the revision of the EU Regulation on the Directive (03.03.2009 dated and numbered 27158 published in the Official Gazette). 'Pesticide Application for Machines' paragraph is added to the 2006/42 / EC Machinery Safety Directive, which is, in particular, reveals the importance of primary health care and product safety issue, explaining the safety requirements for machines used in the application of plant protection products. The Ministry of Science, Industry and Technology is the authorized organizations in our country for the publication and implementation of this regulation. There is a special regulation, carried out by Ministry of Food, Agriculture and Livestock General Directorate of Food and Control, on the manufacture and sale of plant protection machinery. This regulation, prepared based on 5996 Veterinary Services, Plant Health, Food and Feed Law, is 'Regulation on Plant Protection Equipment and Machinery' (published on 02.04.2011 whit number 27893 in the Official Gazette). The purposes of this regulation are practicing healthy and reliable crop production, the preparation, implementation and dissemination of the integrated pest management programs and projects for the development of human health and environmentally friendly pest control methods. This second regulation covers: approval, manufacturing, licensing of Plant Protection Equipment and Machinery; duties and responsibilities of the dealers; principles and procedures related to supply and control of the market. There are no inspection procedures for the application of currently used plant protection machinery in Turkey. In this study, content and application principles of all regulation approaches currently used in Turkey are summarized.

Keywords : plant protection equipment and machinery, product safety, market surveillance, inspection procedures

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