

## **Regulation of the Government of the Republic, RT I 2000, 67, 430**

### **Safety requirements at the use, keeping and cleaning of plant protection devices**

Regulation no. 271 of the Government of the Republic of August 16, 2000

The regulation will be enforced based on subsection 33 of section 64 of "Plant Protection Act" (RT I 2000, 29, 169).

#### Chapter 1

#### SAFETY REQUIREMENTS AT THE USE OF PLANT PROTECTION DEVICES

§ 1. Prior to the use of a plant protection device (hereinafter: *device*) it must be completed, assembled and tuned in accordance with the user's manual.

§ 2. At the use of the device the user's manual must be strictly followed.

§ 3. All parts of the device must be in the working order. The exchanged part must correspond to the requirements set by the manufacturer.

§ 4. The nodes of the device and their connection points must correspond to the safety requirements and must not leak.

§ 5. The moving parts of the transmission must be equipped with fastened shielding.

§ 6. Different parts, connections and locking systems of the transmission must not be worn more than allowed by the manufacturer of the device.

§ 7. The pressure side of the pump of the device must be equipped with a safety valve of gauge pressure in case pressure will rise more than 20% over the limit value allowed by the manufacturer. The sprayers of a centrifugal pump are not subject to this requirement.

§ 8. The tank of the device must have a cover, which can be hermetically closed. The screen of the filling opening of the tank must be clean and intact. The tank must be equipped with a clean file in the working order. It must be possible to empty the tank without using tools.

§ 9. There must be no worn friction points on the hoses of the device. The refraction points of the hoses must not hinder the movement of the spraying liquid in the system.

§ 10. The boom of the device in the working position must be fixed in a straight line, without clearances in the connection points. The boom must be in a horizontal position. The horizontality of the boom is evaluated on a plane surface, measuring the distance of the lower edge of both end sprayers of the boom from the plane surface, whereas the interval of the distances must not exceed 10 cm. In a transport position the boom must be carefully locked.

§ 11. The sprayers must be located in the same direction with equal intervals on the boom. The location of the sprayers must not change during the assembling or disassembling of the boom.

§ 12. The amount of current of the spaying solution between different sprayers must not exceed 10% of the average current amount of all sprayers. The difference between the smallest and largest amount of the current of the spraying solution must not exceed 8% of the average current amount.

§ 13. All sprayers, sprayer filters and shielding of the boom must be of equal value or the same type, origin or size and made from the same material, except for the end sprayers for specific purposes. After the stopping of the device the sprayers must not drip.

§ 14. Plant protection devices generating aerosols or mist may be used only in greenhouses or warehouses.

§ 15. At the working with the device protective clothing and other personal protection devices must be used.

§ 16. It is prohibited to enter the tank of the plant protection sprayer.

§ 17. For persons not working with the plant protection sprayer it is prohibited to stay near the working sprayer.

§ 18. At the use of the hanging plant protection sprayer sufficient amount of additional load must be installed on the front part of the tractor in order to ensure the tractability of the tractor driving with a full tank.

§ 19. Fan sprayers may be used only in orchards and gardens for growing gooseberries, currants and other berries.

§ 20. Upon the ending of the work the residues of the plant protection device must not be left in the tank of the device.

## CHAPTER 2

### SAFETY REQUIREMENTS AT THE CLEANING OF PLANT PROTECTION DEVICES

§ 21. At the cleaning of the device the present regulation, guidelines provided on the marking of the package of the plant protection device (on the label) and user's manual of the device must be followed.

§ 22. The device must be cleaned immediately after its use.

§ 23. At the cleaning of the device protective clothing and other personal protection devices must be used.

§ 24. The rinsing water of the tank of the device and the residues of the spraying solution diluted with at least ten parts of water must be sprayed as dispersed on the area treated beforehand. If possible the residues of the spraying solution and rinsing water must be collected and handed over to a waste handling company.

§ 25. The outer surface of the device may be cleaned or washed only in the place prepared for that or in case of the lack of the latter at the distance of at least 50 meters from open water bodies and wells.

### CHAPTER 3

#### SAFETY REQUIREMENTS AT THE KEEPING OF PLANT PROTECTION DEVICES

§ 26. The device must be kept following the requirements of the user's manual of the device.

§ 27. Prior to its putting on the hold the device must be carefully cleaned from the residues of the plant protection device.

§ 28. The device may be kept with the spraying solution for a short time, during the interval of two sequent working days. In this case the intactness of the device must be guaranteed.

§ 29. The device must be kept on a surface higher than the ground, protected from direct sunlight and precipitation.

**Prime Minister Mart LAAR**  
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**in the tasks of the Minister of**  
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**Heiki KRANICH**  
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