

Pursuant to the Article 12 paragraph 5 and the Article 14 paragraph 5 of the Law on Health Protection of Plants (Official Gazette of the Republic of Montenegro no. 28/06), Ministry of Agriculture, Forestry and Water Management adopted

**RULEBOOK  
ON PHYTOSANITARY MEASURES FOR DETECTING, PREVENTING AND  
COMBATING THE SPREAD OF FUNGUS *SYNCHYTRIUM ENDOBIOTICUM*  
(SCHILB.) PERC, WHICH CAUSES POTATO WART DISEASE**

**(„Official Gazette of Montenegro“, no.15/10 dated 23.03.2010)**

Subject  
Article 1

This Rulebook shall stipulate measures which are undertaken in order to detect, prevent and combat the spread of fungus *Synchytrium endobioticum* (Schilb.) Perc., which causes the potato wart disease, boundaries of the contaminated plot and security measures, method of informing and requirements for termination of prescribed measures.

Definition of terms  
Article 2

Terms which are used in this Rulebook have the following meaning:

- **contaminated plot (contaminated plot)** is the plot where the presence of fungus *Synchytrium endobioticum* (Schilb.) Perc. is determined by the laboratory analysis;
- **safety zone (safety zone)** is an area which surrounds the contaminated plot, and which is established in accordance with the standards on phytosanitary procedures of the European and Mediterranean Plant Protection Organization (EPPO) depending on the assessment of risk from spreading the harmful organisms.

Special surveillance  
Article 3

In order to determine the presence of the causative agent of the potato wart disease, special surveillance shall be carried out in accordance with the annual program of the competent authority which is authorized for plants health protection matters.

Suspicion for contamination and informing  
Article 4

If the keeper of plants, plant products and other objects under surveillance or any other person notices the symptoms or suspects that there is the potato wart disease, he/she shall be obliged to inform Phytosanitary Administration thereof.

If there is a suspicion for contamination by the causative agent of the potato wart disease, phytosanitary inspector shall take samples of soil and plants and forward it for laboratory analysis.

Determination of the causative agent of the potato wart disease shall be determined by the methods of the European and Mediterranean Plant Protection

Organization (EPPO) or the European Union or other internationally recognized methods.

Determining the boundaries of the contaminated plot and safety zone  
Article 5

The plot is contaminated if the symptoms of the causative agent of the potato wart disease are found only on one plant in the plot or if the contamination with the causative agent of the potato wart disease is determined by the laboratory analysis of soil and plant samples.

The shipment of potato is contaminated if the symptoms of the causative agent of the potato wart disease are found only on one potato tuber.

Phytosanitary inspector shall mark the plot referred to in paragraph 1 of this Article as contaminated and shall place it under special surveillance and inform immediately Phytosanitary Administration thereof, in order to determine the boundaries of the contaminated plot and boundaries of the safety zone.

Safety zone referred to in paragraph 3 of this Article must be large enough to provide the protection of surrounding areas.

Phytosanitary Administration shall inform the publicity on the phenomenon of fungus *Synchytrium endobioticum* (Schilb.) Perc., through its web page or print media which are distributed throughout the territory of Montenegro.

Contaminated plot  
Article 6

In case of contamination with the causative agent of the potato wart disease, phytosanitary inspector shall order one or more measures in the contaminated plot depending on the circumstances:

1. destruction or proper treatment of potato tubers and tops in the way to destroy the causative agent of the potato wart disease;
2. destruction or proper treatment of the entire amount of tubers and tops when it is not possible to determine from where or what places contaminated tubers and tops come;
3. Prohibition of transport before the disinfection of all the engines, vehicles, warehouses and parts thereof, or other items and objects which were used during the tillage or storage of contaminated potatoes or which have been in contact with the contaminated soil;
4. cleaning and disinfection of engines, vehicles, warehouses and parts thereof, or other items and objects which were used during the tillage or storage of contaminated potatoes or which have been in contact with the contaminated soil, by the use of appropriate methods, which exclude the possibility of spreading the causative agent of potato wart disease;
5. prohibition of cultivation of potatoes and other plants in the family *Solanaceae* for a defined period of time;
6. prohibition of cultivation, storage or transport of any plants intended for planting or multiplication; and
7. other measures with the aim of combating and preventing the spread of causative agent of potato wart disease.

## Safety zone Article 7

In case of contamination with the causative agent of the potato wart disease, phytosanitary inspector shall order one or more measures in the safety zone depending on the circumstances:

1. conduction of systematic research into the safety zone (observation, visual examinations, sampling, etc.). in order to determine the presence of the causative agent of the potato wart disease;
2. prohibition of the production of seed potatoes in the safety zone;
3. restriction of cultivation of potatoes in the safety zone for cultivation of only those varieties of ware potatoes which are resistant to pathotypes which cause the potato wart disease and which are identified on the contaminated plot;
4. prohibition of transport before the disinfection of all the engines, vehicles, warehouses and parts thereof, or other items and objects for which there is a suspicion that they have been used during tillage or storage of contaminated potatoes or which have been in contact with the contaminated soil;
5. cleaning and disinfection of engines, vehicles, warehouses and parts thereof, or other items and objects for which there is a suspicion that they have been used during tillage or storage of contaminated potatoes or which have been in contact with the contaminated soil, by the use of appropriate methods, which exclude the possibility of spreading the causative agent of the potato wart disease; and
6. other measures if it is necessary to combat and prevent the spread of the causative agent of the potato wart disease.

## Varieties resistance Article 8

Potato variety is resistant to the certain potato pathotype which causes potato wart disease, if it responds to contamination by this causative agent in the way that there is no risk of secondary contamination.

Resistance of potato varieties to the certain potato pathotype which causes potato wart disease is determined by the appropriate methods which are recommended by the European and Mediterranean Plant Protection Organization (EPPO) and the European Union and other internationally recognized methods.

The list of resistant varieties of ware potatoes, which can be cultivated in the safety zone, shall be made from the varieties of potato, which are proved to be resistant to specified pathotypes of the causative agent of the potato wart disease by the methods referred to in paragraph 2 of this Article.

In the case that there is the causative agent of the potato wart disease, the Phytosanitary Administration shall publish the List referred to in paragraph 3 of this Article in the "Official Gazette of Montenegro".

## Termination of measures Article 9

Measures prescribed by this Rulebook shall cease to be valid when it is determined that the causative agent of the potato wart disease is no longer present in the contaminated plot in accordance with the European and Mediterranean Plant Protection Organization (EPPO), based on the reports on the implementation of special surveillance and records made by the phytosanitary inspector.

Cultivation under controlled conditions  
Article 10

The causative agent of the potato wart disease must not be cultivated except with the approval of Phytosanitary Administration, under controlled conditions, for experimental, scientific and selection purposes, provided that the surveillance of the causative agent of the potato wart disease is not disturbed and that there is no danger of its spreading.

Final provision  
Article 11

This Rulebook shall enter into force the eight day from the date of its publishing in the „Official Gazette of Montenegro”.

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MINISTER  
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