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(*Plum pox virus*)

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Sharka (*Plum pox virus*) in Serbia – previous research and future prospects for its control

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SUMMARY

Plum pox virus (PPV, *Potyvirus*)

1932

PPV

1935

(PPV-M, -D -Rec).

Plum pox virus.

: *Plum pox virus*,

Plum pox virus (PPV, genus *Potyvirus*) is the causal agent of Sharka disease that is considered the most detrimental viral disease of stone fruits. Since its discovery in 1932 in Bulgaria, the disease has spread progressively to entire Europe and other continents, except Australia. PPV causes significant yield losses and reduces fruit quality in sensitive plum, peach and apricot cultivars.

Sharka was reported in Serbia in 1935, and so far the presence of three major strains (PPV-M, -D and -Rec) was confirmed. Fifteen years ago, a large-scale study on the presence, distribution, genetic diversity and epidemiology of *Plum pox virus* strains has begun at the Fruit Research Institute, a ak. In this review, we summarized the results of our field and laboratory research and presented the future prospects for disease control in the country where Sharka is endemic to maintain feasible commercial fruit production.

Key words: *Plum pox virus*, strains, disease control