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Powdery mildew on some vegetables

Автор(и): проф. д-р Стойка Машева, ИЗК "Марица" Пловдив
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Powdery mildew on vegetable crops from the family Apiaceae – attacks all above-ground parts of crops from the family Apiaceae – carrots, parsley, celery, dill. It is particularly dangerous for flowering stems in seed production stands. Under severe attack there is a real risk that the seeds will not ripen. Two pathogens cause powdery mildew on species from this family – *Erysiphe umbelliferatum* and *Erysiphe heraclei*.

Powdery mildew on leafy vegetables – spinach (causal agents *Oidiopsis haplophylli*, *Leveillula spp*., *Uncinula spp*.), lettuce and salad greens (causal agent *Golvinomyces cichoracearum*)

Powdery mildew on okra (causal agent *Erysiphe cichoracearum*)

Control:

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- Growing resistant varieties;
- Sowing in well-ventilated locations;
- Optimal crop density;
- Balanced fertilization;
- Control of environmental conditions through regular ventilation and installation of ventilation equipment;
- Systematic monitoring of the crop for early detection of infection (inspection of leaves on both sides);
- Treatment with plant protection products – preferably preventive ones, alternating products with different modes of action to prevent resistance development;
- Suitable plant protection products – with active substances such as sulfur, myclobutanil, strobilurins, neem oil extract, phytofungicides and vegetable oils.