Bloom-time spraying is an important element of the plant protection chain in fruit crops

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For **apple**, during April blossom spraying is carried out, which is very important for protecting the blossoms from scab. In years with frequent rainfall and high atmospheric humidity, mass infections occur in scab-susceptible cultivars, as a result of which the blossoms drop, and this damage very often remains unnoticed and growers attribute it to other causes. This spraying is also targeted against powdery mildew and brown rot.

For blossom spraying, one of the following fungicides is used: Luna Experience – 20-75 ml/da, Systhane Super 24EC – 0.03%, Strobi DF – 0.02%, Flint Max 75 WP – 0.02%, Chorus 50 WP – 0.03%, Shavit 72.5 WDG – 0.2% or the combination Strobi DF – 0.02% + Delan 700 WDG – 0.035%.

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Blossom spraying in **pear** is directed against scab and brown rot, and the fungicides indicated for blossom spraying in apple are used.

For all **stone fruit species**, blossom spraying is usually carried out in April to control brown rot. Effective fungicides against this disease are: Luna Experience – 20-75 ml/da, Chorus 50 WP – 0.045%, Signum WG – 30 g/da, Sifcar 250 EC – 20 ml/da, Delan 700 WDG – 0.05%, Thiram 80 WG – 0.3%.

Most of the **apricot and sour cherry cultivars** grown in our country are susceptible to brown rot and, in a wet spring and prolonged flowering period, two blossom sprayings should be carried out. The first – at the beginning of flowering, and the second – 8-10 days after the first.

Blossom sprayings should be carried out in the morning, when there is no bee flight. The fungicides used are not toxic to bees, but they must be protected from the spray jet during treatment and from contamination with fungicides.

The full calendar for blossom sprayings in April can be found in issue 3 of the journal "Plant Protection", which will be published on 11.04.2018.