

Colorado potato beetle (*Leptinotarsa decemlineata* Say.)

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The Colorado potato beetle belongs to the family Chrysomelidae. Despite its name, the Colorado potato beetle does not originate from Colorado, but most likely from central Mexico.

It damages mainly crops from the family Solanaceae (potatoes, eggplant, tomatoes, etc.). It develops from 1 to 3 generations per year and overwinters as an adult insect in the soil at a depth of 20–30 cm. In spring, the beetles emerge when the soil temperature at a depth of 20–25 cm reaches 14–15°C. A dry spring delays the emergence of the beetles from the soil. The females lay their eggs on the underside of the leaves, in clusters. Both adults and larvae cause damage by feeding on the leaves of the potatoes. The Colorado potato beetle is a dangerous pest with a high reproductive capacity and, if no control measures are applied, it is capable of completely

destroying the foliage, which leads to a severe reduction in yields. The most harmful damage occurs during flowering and tuber formation.

Approved plant protection products: Aktara 25 WG – 6 g/da, Alverde 240 SC – 20 ml/da, Biscaya 240 OD – 20 ml/da, Vaztak New 100 EC – 10 ml/da, Dantop 50 WG – 4–6 g/da, Calypso 480 SC – 10 ml/da, Coragen 20 SC – 6 ml/da, Mospilan 20 SP – 6 g/da, Agria 1050 Plus – 50 ml/da, Nexide 015 CS – 30 ml/da, Nurelle D, Samba – 80 ml/da, Fury 10 EC – 10 ml/da, Sineis 480 SC – 5 ml/da, Decis 100 EC – 7.5–12.5 ml/da, Daskor 440 – 75 ml/da.