

Poppy root weevil

Stenocarus fuliginosus



Source: Baranyk P., 2010

Poppy root weevil
Stenocarus fuliginosus



Source: Rotrekl J., 2008

Poppy root weevil
Stenocarus fuliginosus

- Weevil (snout) beetle – 3 -3,5 mm, with one black dot behind the head and one white dot at the end of elytrons
- One generation during the year

Poppy root weevil
Stenocarus fuliginosus

- Adults live for about a year
 - enter the soil in the middle of October and hibernate at depth of 10 – 20 cm
 - in spring - at second and mainly third decade of April, migrate to poppy and feed on the epidermis and parenchyma of the leaves – the early feeding is injurious – from germination to 4. - 5. true leaves

Poppy root weevil
Stenocarus fuliginosus

- Adults are very shy and when they are disturbed, they fall on the ground and blend in soil surface
- It can be difficult to count alive weevils and to find the dead beetles on soil surface.

Poppy root weevil
Stenocarus fuliginosus

- The emergence of poppy seeds is long-term and irregular
- The emergence about 20-30 % is common
- Emerging poppy plants are very small and this plants are visible only from very small distance

Poppy root weevil
Stenocarus fuliginosus – damages on poppy



Source: Rotrekl J., 2008

Poppy root weevil
Stenocarus fuliginosus – damages on poppy



Source: Baranyk P., 2010

Poppy root weevil
Stenocarus fuliginosus

- Female oviposit under the leaf epidermis to the end of May
- Larvae hatch in 8-10 days at 14-19°C
 - mine the leaves for 7-24 hours and descend to the roots, on which they feed
- Pupation take place in earthen cells in the soil in depths of 4-12 cm

Poppy root weevil
Stenocarus fuliginosus – larvae



Source: Rotrekl J., 2008

Poppy root weevil
Stenocarus fuliginosus – damages on poppy



Source: Rotrekl J., 2008

Poppy root weevil
Stenocarus fuliginosus

- Poppy with damaged roots are susceptible to lodging

Sources:

- Rotrekl J. Metodika Ochrana máku setého (*Papaver somniferum* L.) před některými hmyzími škůdci, Výzkumný ústav pícninářský, spol. s.r.o. Troubsko, 2008, 14 s.
- Baranyk P. & kol. Olejniny, Profi Press, 2010, 206 s., ISBN 978-80-86726-38-0.