





Technical Bulletin for: Pollen Beetle

Meligethes aeneus (Fabricius) • Coleoptera, Nitidulidae • MELAEN



DISTRIBUTION	Europe, Northern Asia except for China, and North America
HOSTS	Various plants, including Yarrow, Indian mustard, Swede, various species of Rape, Black Mustard, Cabbages & Cauliflowers, Turnip, Rye and Tomato.
DESCRIPTION	
Adult	2-3 mm long, 1-2 mm wide. Black with hints of metallic green.
Larvae	Up to 3-4.4 mm long and white with brown sclerotized plates.
Eggs	0.81 mm long and 0.29 mm wide. Cylindrical, rounded at both ends, Grayish-white initially, turning milky with maturity.
LIFE HISTORY	Adults emerge in spring following overwintering in woodland, actively flying when temperatures are at or above 12°C-15°C. The female beetle lays its eggs in the flower buds of the host-plant and the larvae develop within the flowers. Both adults and larvae feed on the pollen in the flowers of the host plant. Larvae take 9-13 days to complete their instar cycle before burying themselves into the ground to pupate.

MONITORING INFORMATION

LURE ACTIVE INGREDIENTS, SUBSTRATE & FIELD LIFE	Ethanol and verbenone in a Amber Bag Lure. Lure longevity: Thirty (30) days.	
TRAP TO USE	Clear Widow Bug Catcher assembled in cylinder shape or Plastic delta insert.	
MONITORING STRATEGY	Place traps on flat cardboard on ground. Check with Cooperative Extension or Master Gardener for local information and recommendations.	
CULTURAL & PHYSICAL CONTROL	Planting winter rape may prove useful in trapping species, shaving off the need for more pesticide.	

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