



Technical Bulletin for:



Pea Moth

Cydia nigricana (Fabricius) • Lepidoptera, Tortricidae • CYDNIG



DISTRIBUTION	Europe
HOSTS	Species of pea, lentil, pea vine and vetch.
DESCRIPTION	
ADULT	The wingspan is 12–16 mm. Front wings are dark brown or brown gray with metallic shine. There are some light stripes (7–12) near the front wing border, decreased from external border to its base. Between stripes dark touches are located, perpendicular to external border. Some dark spots and white comma-like spots are near the hind wing border. Hind wings are white yellow (brown near hind border).
LARVAE	The larva reaches 14 mm long. At first it is white, then yellow with dark head and anal scutellum. It has eight lines of dark warts with hairs. Larva also has eight pairs of legs (three pairs on thorax).
EGGS	Oval, flattened and 0.7-0.8 mm, initially white in color then yellowing with maturity
LIFE HISTORY	The over-wintering takes place during the phase of fifth-instar larvae, within a dense oval cocoon in the ground. Moths fly in the evening; they live 10–14 days. Mass oviposition occurs at the beginning of July. The oviposition lasts 25–30 days. Pests lay eggs in groups of one, two or three (rarely four) on upper leaves (lower side), peduncle, bell, stems. Embryonic development lasts 6–10 days. Hatching caterpillars penetrate into the pods and gnaw grains from above, making wide channels, ending in a hollow at one end. They soil the grain with fecal masses and cobwebs. The entire larval period (lasting 16–25 days) occurs inside one pod. The larvae have five instars, four molts. Then the insect makes a hole in the pod wall and comes out, making a cocoon in the ground.

MONITORING INFORMATION

LURE ACTIVE INGREDIENTS, SUBSTRATE & FIELD LIFE	EE-8,10-12Ac in a Red Rubber Septum. Lure longevity: 30 days	
TRAP TO USE	Red Paper or Plastic Delta Trap	
MONITORING STRATEGY	Check with Cooperative Extension or Master Gardener for local information and recommendations.	
CULTURAL & PHYSICAL CONTROL	Check for signs of infestation, which include defoliation and stem, bell and peduncle damage. Remove infested plants and dispose of them as necessary.	

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