





Technical Bulletin for: Large Yellow Underwing

Noctua pronuba (Linnaeus) • Lepidoptera, Noctuidae • NOCPRO



DISTRIBUTION	Wide range, including The United States, Europe, North Africa, Canary Islands, Middle East, Turkey, Northwest India, Russia, and Central Asia.
HOSTS	Many plants, including lettuce, tomato, plantain, grasses, potato, dandelion, grape, carrot, carnation, beet, marigold, hawkweed, strawberry, and sweet violet.
DESCRIPTION	
Adult Moth	Large moth with a wingspan of 50-60 mm. Forewings light brown to near-black, hindwings bright orange-yellow with a black sub-terminal band.
Larvae	Pale green or brown w/ two rows of black dashed on the back
Eggs	Several hundred, laid in large patches, in adjacent rows, on the host plant.
LIFE HISTORY	During the growing season, the adults rest in the shelter of leaves on low-growing plants. Larvae hatch in 2 to 4 weeks, feeding in the fall and through the winter, at night, whenever the temperatures are above 40F. During the day, the larvae rest just under the soil surface, quite close to the stem of the victimized plant. Pupation also occurs in the soil.

MONITORING INFORMATION

LURE ACTIVE INGREDIENTS, SUBSTRATE & FIELD LIFE	3-Methyl-1-butanol, Acetic acid and 2-Methyl-1-propanol on a coaster in peelable pouch. Lure longevity: Thirty (30) days.	
TRAP TO USE	Green or Multi-Color Uni Trap	
MONITORING STRATEGY	Look for brown, loose patches of turf. Hang traps near bushes where adults mate. Check with Cooperative Extension or Master Gardener for local information and recommendations.	
CULTURAL & PHYSICAL CONTROL	Fertilize grass in the spring and fall, watering during periods of drought. Remove diseased patches and check for grubs in the area, reseeding as necessary.	

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