

Major Insect Pest In Crucifers : Oriental Cabbage Webworm

BARC

PLANT PEST UNIT
BRUNEI AGRICULTURAL
RESEARCH CENTRE

Common Name : Oriental Cabbage Webworm

Scientific Name : *Hellula undalis*

Biology of Pest

Adult stage : The adult is uniformly brown.
The hind wing is yellowish green.

Eggs : Laid singly in between the leaf.
The eggs will hatch in 3 to 4 days.

Larva (Caterpillar) : Brownish with black spots at the dorsal. It can grow up to 6mm in length.

Pupa/Stage : Light brownish and can be usually found in between the leaves of the plant.



Symptom

At the early stage, the larva will devour the lower epidermis of the leaf making the leaves translucent. The larva will continue to feed leaving the vein while on cabbage plant, they will feed into the interior part (heart) which eventually kill the plant.

Control

Spray with recommended insecticides. Advisable to spray at early larval stage especially at the nursery.

Recommended Insecticides

TYPE OF INSECTICIDES	SPRAYING INTERVAL/POST HARVEST INTERVAL	RATE PER LITRE OF WATER
Bacillus thuringiensis	7 days / 7 days	0.6 - 1.1 gm
Ripcord 505 5.6% EC	3-7 days / 3 days	1.3 - 3.0 ml
Decis 1.0% EC	3-7 days / 3 days	0.8 - 2.2 ml
Sumicidin 3.0% EC	3 days / 3 days	1.5 ml