

# PATRON-25%

**INSECTICIDE**  
**(INSECT GROWTH REGULATOR IGR)**  
**WETTABLE POWDER**

**VAPCO**

Class:  
**Benzoylurea**

A chitin synthesis inhibitor that interferes with the formation of insect cuticle.

**COMPOSITION:** Each kg contains:

**DIFLUBENZURON**

**25% W/W (A.I)**

**PROPERTIES:**

**PATRON-25%:** Chitin synthesis inhibitor that interferes with the formation of insect cuticle and lead to disturbance in molting process of the insect.

**PATRON-25%:** Non-systemic insect growth regulator with contact and stomach action, effectiveness of the pesticide start at the time of moulting or at hatching of eggs..

**PATRON-25%:** Safe to the environment due to its selectivity and rapid degradation in soil and water. Have no effect on Bees or natural enemies making it a suitable choice to be used in **IPM** programmes.

**PATRON-25%:** Is usually more active on young larvae than on older ones and have a contact actions in eggs with no effect on adults stage.

**PATRON-25%:** Slightly toxic to mammals.

**USES AND APPLICATION RATE:**

CROP	PESTS	APPLICATION RATE GM / 20 LT. WATER	SAFETY PERIOD
Apples	Codling moth, Leaf borer	8	2 Weeks
Pear	Pear psylla	8 gm + 60 ml Samarol	
Raspberry	Fruit moth	8	
Stone fruit	Plum fruit moth, oriental fruit moth and olive moth	8 8 4 - 8	
Nuts: Chestnuts Walnuts Hazelnuts Pistachio	Codling moth Chestnut leaf roller Pine processionary moth  Pistachio bud caterpillar	4 - 6	
Citrus	Citrus rust mite and citrus weevil	3 - 5 6 - 12	
Cabbage, Cauliflower, Radish	Cabbage butterfly Cotton leaf worm Diamond back moth Cabbage moth	8 - 12 12 - 20 16 - 20 6 - 20	
Artichokes	Artichoke plum moth	5.6 - 11.2	

• For more details about first aid & precautions please refer to first aid & precautions index.

CROP	PESTS	APPLICATION RATE GM / 20 LT. WATER	SAFETY PERIOD
Clover and lucerne	Cotton leafworm alfalfa and white-fringes weevil Farm army worm	6 - 12 4 - 8	2 Weeks
Corn and sorghum	Farm army worm	5.6 - 8	
Sunflower	Caterpillar	8	
Soybean	Velvetbean caterpillar Soybean beetle Green clover worm Soybean looper	1.6 - 2.8 2.8 - 6.0 2.8 - 6.0 5.6 - 8	
Tea	Tea leafroller	2.5 - 5	
Mushrooms	Mushrooms flies	4 gm per m <sup>2</sup> in 2.5 L water	
Cotton	Cotton boll weevil Army worms Cotton leaf worm Cotton leaf perforatop	5.6 12 - 24 6 - 12 6 - 10	
Oil palm trees	Nettle caterpillars Bag worms Leafworms	4 - 5.6 4 - 5.6 10 - 12	
Peanuts	Beet army worms Fall army warms Groundnut leaf webber Tobacco caterpillar Red hairy caterpillar	12 - 24 6 - 8 6 6 - 12 2 - 4	
Rice	Rice water weevil Fall army worm Rice looper Rice leaf roller Army warm	6 - 12 5.6 - 8 6 - 12 6 - 20 6 - 20	
Forest trees and ornamental plants	Whitefly, aphid	3 - 4	1 week

#### REMARKS:

- It is preferable to apply **PATRON-25%** at early stage of insect life (pre or at the ovulation period), and also at early stage of larvae.
- Used only on above mentioned crops and follow the recommended safety period before harvest.

#### RE-ENTRY PERIOD:

12 hours after the last application.

#### COMPATIBILITY:

- Compatible with most common pesticides.
- It's recommended to make mixing trial when mix with emulsifiable concentrate formulation.

- For more details about first aid & precautions please refer to first aid & precautions index.