

Coragen®

CHLORANTRANILIPROLE 18.5% w/w SC
(BROAD SPECTRUM INSECTICIDE)

Chlorantraniliprole 18.5% w/w SC (20 %w/v) is a broad spectrum insecticide and is recommended for controlling pests of Rice, Cotton, Tomato, Tomato, Chili, Soybean, Brinjal, Pigeonpea (Redgram), Bengal gram, Black gram, Okra, Maize & Groundnut.

Crop Common name of pest Dosage per hectare g.a.i. Formulation (ml) Dilution in (litre) Waiting period last spray and harvest (days)

Rice Stem borer (*Scirpophaga incertella*) Leaf folder (*Cnaphalocerus medinalis*) 30 150 500 47

Cabbage Diamond Back Moth (*Pseudaletia separata*) 10 50 500 3

Cotton American Bollworm (*Heliocoverpa armigera*; Spotted bollworm (*H. armigera*); Tobacco caterpillar (*Spodoptera litura*) 30 150 500 9

Sugarcane *Bruchidius obtusus*/
Microtremus chrysanthemi 100-125 500-625 1000

Tomato Early blight (*Phytophthora infestans*) 75 375 1000 208

Chili Foot borer (*Helicoverpa armigera*) 30 150 500 3

Soybean Green soybeans (*Glycine max*) 30 150 500 29

Briagi Foot and Shoot borer (*Leucania ornatella*) 40 200 500 3

Pigeon Red foot borer (*Helicoverpa armigera*; Pod borer (*Heliothis zea*) 30 150 500 22

Bengal gram Foot and Shoot borer (*Leucania ornatella*) 25 125 500 11

Black gram Pod borer (*Helicoverpa armigera*) 20 100 500 20

Bittergourd Foot and leaf borer (*Helicoverpa armigera*; *Amphibolips diffusa*) 25-30 150-200 500 7

Olea Foot borer (*Helicoverpa armigera*; *Acraea vitella*) 25 125 500 5

Maize Spotted stem borer (*Chilo partellus*) 40 200 500 10

Groundnut Tobacco caterpillar (*Spodoptera litura*) 30 150 500 28

One Kilogram of Chlorantraniliprole 18.5% SC contains 185g of Chlorantraniliprole Technical a.i.

It should not be used on crops other than specified on this leaflet.

DIRECTION FOR USE: (Method and Time of application)

Sugarcane: Set Drenching/Soil Drenching in the sugarcane crop for control of termites in early bud-borne and top borer. Top application should be done during the first 4 days for the control of 4th and 5th brood of Top borer in sugarcane in the month of June. **Other crops:** (Rice, Cotton, Cabbage, Tomato, Chili, Soybean, Brinjal, Pigeonpea, Bengal gram, Black gram, Bittergourd, Okra, Maize & Groundnut) Use as foliar spray at ET of 1st peak population. **Spraying equipment:** Knapsack sprayer, Foot sprayer.

PHYTOTOXICITY: Not phototoxic at recommended dosages

IRAC GROUP CODE: 28

MODE OF ACTION: Hydروine Receptor Modulators

CHEMICAL SUBGROUP: Anthranilic Diamides

IRAC STATEMENT: Chlorantraniliprole induced cross-resistance in the susceptible sections of the label in the following practices are recommended to prevent or delay the development of insecticide resistance to Chlorantraniliprole 18.5% SC and to Group 28 insecticides:

Apply Chlorantraniliprole 18.5% SC or other Group 28 insecticides using a "window" approach to avoid exposure on consecutive insect pest generations to ensure survival of active insects for successive applications of Chlorantraniliprole 18.5% SC are acceptable if they are used to treat a single insect generation. Following a "window" of Chlorantraniliprole 18.5% SC or other Group 28 insecticide, rotate to a "window" of applications of effective insecticides with a different mode of action.

Length of a window should be equal to length of one generation of the targeted insect. The total exposure period of all "Group 28-against-windows" applied through the crop cycle (from seedling to harvest) should not exceed 50% of the crop cycle.

Incorporate IPM techniques into the overall pest management program.

Monitor insect populations for loss of field efficacy.

PRECAUTIONS: 1. Read and follow all instructions on the label and leaflet carefully. Save the container with the label to show the physician in case of accidental poisoning. 2. Wear rubber gloves, goggles, facemask and insecticide clothing. 3. Do not eat, drink or remain in the drift of spray by applying the insecticide with the spray. 3. Do not eat, drink, smoke or chew beetle leaves while spraying. 4. Do not fill the spray tank beyond 3/4th of its capacity. Clean the blocked nozzle by a wire or pin never by hand. 5. In case of eye irritation or damage on the body, it should be washed with plenty of water. 6. Always change clothing and bathe as soon as the insecticide treatment is over. 7. Wash hands and unprotected parts of the body before eating, drinking or smoking and after handling. 8. Remove oil and sweat contaminated clothing before reuse. 9. Do not wash contaminated clothing until any symptoms of poisoning appear in a person who is using or has been exposed to this insecticide.

STORAGE AND HANDLING: Do not store or consume food, drink or tobacco in areas where they become contaminated with this material. Store the insecticide in original container only, tightly closed in a well built, cool, dry place, well protected from direct sunlight and moisture. The material should be kept under lock and key, away from food, animal feed, other pesticide and fertilizers.

DISPOSAL: The packages shall be broken and buried 1/2 meter deep in soil away from habitation. The used packages shall not be left outside to prevent their re-use. Packages by surplus material and wrapping shall be disposed off in a safe manner so as to prevent environmental and water pollution.

Chemical Composition:

Chlorantraniliprole a.i.: Methyl methacrylate ethoxylated block co-polymer: Ethyleneoxide/propaneoxide and ethoxylated alcohol:

Attapulgite clay: Xantham gum: Silicone emulsion: Propylene glycol:

Water: O.S. T.

18.5% 3.0 1.0 0.3 0.1 6.8 0.5 100

%/w/w

18.5

3.0

2.0

1.0

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