

Diflubenzuron

Chemical:

Molecular Formula: C₁₄H₉ClF₂N₂O₂

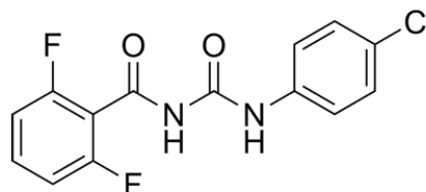
Molecular Weight: 310.7

Pesticide type: Insecticide

Mode of action: Selective, non-systemic with contact and stomach action, acts by inhibiting chitin synthesis. Inhibitor of chitin biosynthesis affecting CHS1.

Storage: RT, sealed storage, away from moisture and light.

In solvent -80 °C 1 year
 -20 °C 6 months



Insecticides 杀虫剂

BIOLOGICAL ACTIVITY:

Diflubenzuron is an insecticide with larvicidal and ovicidal activities. It inhibits chitin synthesis in insects, disrupting molting and leading to insect death.

Spectrum and Route of Action: Non-systemic insecticide active by both contact and ingestion. insect growth regulator which acts at time of insect moulting, or when eggs hatch.

SCOPE OF APPLICATION:

Uses: Control of chewing insects in tea, vegetables, rice, peanuts, woody ornamentals, tree nuts, mushrooms and forestry, at 25–75 g/ha; control of *Anthonomus grandis* (boll weevil), *Spodoptera spp.* (armyworms) and *Helicoverpa spp.* (leafworms) in cotton, *Plutella xylostella* (loopers) in soybeans and *Spodoptera spp.* (armyworms) in maize, at 50–150 g/ha; control of *Cydia pomonella* (codling moth), *Liriomyza spp.* (leaf miners) and other chewing insects in top fruit; control of chewing insects and *Phyllocoptruta oleivora* (rust mite) in citrus; control of fly larvae in animal houses, at 0.5–1 g/m² surface; control of *Acrididae spp.* (grasshoppers), *Mormon* crickets and *Locusta migratoria* (migratory locust larvae), at 60–67.5 g/ha; control of mushroom fly larvae at 1 g/m²; and control of lice, fleas and blowfly larvae in sheep.

LOGISTICS:

- No minimum order limit
- Lead Time: 20-30 days
- Package: 25 kg in bags

STATUS OF REGISTRATION:

Paraguay