

CIR-191773/2021-Imidacloprid + Hexaconazole (FS) (429)-3927

Imidacloprid 18.5% + Hexaconazole 1.5% FS for indigenous manufacture

(Insecticide)

Imidacloprid 18.5% + Hexaconazole 1.5% FS is a combination of insecticide + fungicide used as seed treatment for the control of insects pests namely termites, thrips, jassids, root grubs on groundnut and termites. Aphids on wheat and disease like collar rot, stem rot, tikka leaf spot, and rust on groundnut and smut & rust on wheat.

Recommendation

| Crop(s) | Common Name of Pest | Dosage/HA | | Dilution in Water (in days) | Waiting Period between last spray to harvest | Re-entry after each Application (In Hours) |
|-----------|--|--------------------------------------|-----------------|-----------------------------|--|--|
| | | AI (ml) | Formulation (l) | | | |
| Groundnut | Termites, Thrips, Jassids, Root grubs, Collar rot, Stem rot. Tikka leaf spot, rust | Imidacloprid: 37& Hexaconazole: 3 | 200 | not applicable | this is used as seed dresser | |

Direction of Use

Seed Treatment: Any small quantity of seed can be readily treated on the farm by mixing the proper amount of this combination formulation and seed in a closed mixing drum or a concrete mixer. Roll the seed until each grain is uniformly coated with the formulation. Seed treatment on commercial basis can be carried out by specialized seed dressing companies for the optimization of Insecticide + Fungicides spectrum of Imidacloprid 18.5% + Hexaconazole 1.5% FS.

Time of Application

Plant Protection Equipment: Manually/Mechanically operated seed dressing rotating drum.

Precaution

Protective clothing should be worn while mixing and spraying. Wash contaminated clothes and body part after application. Avoid inhalation, do not smoke, drink, eat & chew anything during application.

Symptoms Of Poisoning

Apathy, myatania, tremor, difficult breathing and myospasms

First Aid

If ingested: If person is conscious and alert, rinse mouth with water and give 1 or 2 glass of water to drink. Never give anything by mouth to an unconscious person. Call the doctor. Do not induce vomiting until and unless desired by attending physician.

If inhaled: Take the patient to fresh air and take care of body temperature. If patient is not breathing or breathing with difficulty, give artificial respiration, preferably with mouth to mouth breathing. Consult a physician.

In case of skin contact: Wash thoroughly the affected parts of the body with soap and plenty of water including hairs and under finger mails. If pain, redness or irritation persists, consult a doctor. All the contaminated clothes should be segregated and thoroughly washed with soap and wash separately before use.

In case of eye contact: Rinse gently with plenty of water at least for 15 minutes. If pain irritation, redness or photophobia persist consult eye specialist.

Phytotoxicity

Imidacloprid 18.5% + Hexaconazole 1.5% FS is not phytotoxic when used as per recommendations.

Antidote

There is no known specific antidote. Treat symptomatically.

Disposal Of Used Container

1. Packages or surplus material and washings from the machines and containers shall be disposed off in a safer manner so as to prevent environment or water pollution.
2. The used packages shall be not left outside to prevent their re-use.
3. The packages shall be broken and buried away from habitation.
4. Dangerous to re-use empty container.

Storage Conditions

1. The packages containing the pesticide shall be stored in separate rooms or premises away from the rooms or premises used for storing other articles particularly food articles or shall be kept in separate almirah under lock and key depending upon the quantity and nature of the pesticides.
2. The store rooms should be well built, well-lit, ventilated and of sufficient dimensions. The condition of the store should be dry and cool.

Chemical Composition:

| | |
|---|----------------|
| Imidacloprid a.i. content | 18.50 % w/w |
| Hexaconazole a.i. content | 1.50 % w/w |
| Polyoxyethylene polyaryl phenol | 1.50 % w/w |
| Polymethyl methacrylate | 4.50 % w/w |
| Sodium carboxymethyl cellulose | 0.80 % w/w |
| Silicon Defoamer | 0.50 % w/w |
| Propane 1.2.3 Triol | 8.00 % w/w |
| Sodium salt of 1,2-benzisothiazolin-3 one | 0.20 % w/w |
| Red dye | 0.70 % w/w |
| Modified polysachharide | 0.19 % w/w |

Dimineralised water

Q.s. to make %

Total: 100.000% w/w
