

ASGUARD

Asguard is a natural herbal formulation having highly potent principles for the control of plant parasitic nematodes. Asguard is made through selective distillation of medicinal plants like Asparagus sp and Aloe sp., and stabilized in an aqueous solution. Asguard belongs to the category of broad-spectrum herbal Nematicide that prevents and cures the crop plants from the damages caused by commonly found plant parasitic nematodes like root knots, cyst nematodes, etc. The infested plants will recover completely and grow further to produce economic yield.

Since Asguard is made from herbal extracts there will not be any toxic residues on the plants as well on the yield. Asguard is approved for use in Organic Agriculture.

Mode of Action.

Asguard is to be applied as a foliar spray on the crops to protect and cure them from nematode infestation. Soil drenching or application through drip lines are also recommended to drench the root zone to protect and cure the infestation of the roots and tubers. The active principles of Asguard are soluble in water and absorbed in to the plant system and translocate to root system relatively faster to bring about the desired results.

- When Asguard is sprayed the active principles migrates to the below ground portion of the plants to protect the root system including feeder roots and root hairs.
- The active ingredients impart natural resistance to the plants and repels the parasitic nematodes from the roots and tubers.
- The active ingredients retard the formation of giant cells around the head of the nematodes preventing them from causing the damages and entering the plant system.
- The active principles interfere in the reproductive process of the nematodes to bring down the nematode population in the root zone.

Benefits

- Plant parasitic nematode causes economic damage to crops when grown in soils infested with nematodes and in poly houses.
- Imparts resistance to the plants when applied prior to susceptible stages and saves the yield of the crops.
- Pre-planting treatment of the soil with a dilute solution of Asguard reduces the nematode damage to the young roots.
- The infested plants will recover fully and continue to grow and yield economically.
- Asguard is a natural product and does not leave any toxic residue on the yield or on the environment. It is safe to non-targeted organisms.
- Asguard is recommended for use in Organic Agriculture to improve the economic value of the harvest.
- Asguard is approved for Organic Agriculture by ECOCERT as per NOP standards and by INDOCERT as per NPOP standards.

Target Nematodes of Crops.

Asguard protects crops against the infestation of all types of nematodes like Cyst Nematodes, Root Nematodes, and Leaf and Stem Nematodes. These nematodes usually cause economic damage to bananas, Chillies, Turmeric, Ginger, Pepper, Vegetables, Tuber crops, Flowers etc.

Dosage:

The ideal dosage for prophylactic treatment is 5 ml per lit of clean water. And if used after the incidence of the nematodes increase the concentration to 7 ml per lit of water.

Preparation of spray solution:

Take required quantity of Asguard, add little quantity of water, mix and make into a solution. Then add the remaining quantity of water to make up to the volume of spray solution.

Mode of application:

Apply a foliar spray to cover the above-ground parts and undertake soil drenching to protect the roots and tubers from parasitic nematodes.

Foliar spraying is to be done till run-off stage. And if rain occurs within 8 hours of the application, repeat the application on a rain less day. Ideal time to spray is early in the morning or late in the evening when wind velocity is less. For curing the infestation after the onset of the symptom, repeat the application 15 days after 1st application.

Pack sizes available:

Asguard is available in 1.00 Lt, 5.00 Lt, 20.00 Lt and 200 Lt Barrels. The packs are made of HDPE bottles and virgin plastic barrels.

Certification:

Asguard is certified for Organic Agriculture as per NOP standards by ECOCERT and NPOP standards by INDOCERT.

Composition:

1 Asparagus sp- Extracts 4.25 ~ 5.00 %

2 Aloe sp Extracts- 7.10 ~ 7.85 %

3 Lime neutralizer- 4.00 %

4 DM Water- 78.00 %

Total- 100.00