



DISEASE MANAGEMENT

Sting



Controls plants diseases efficiently



1.50% WP
(*Bacillus subtilis*)



Stanes Sting is a biological fungicide based on *Bacillus subtilis*. The product contains the bacterial cells @ 1×10^8 cells/gm of the product.

MODE OF ACTION

Bacillus subtilis is plant growth promoting rhizobacterium shown to synthesize antifungal peptides. It persists in the environment and protects the crops effectively from fungal and bacterial pathogen in soyabean, peanuts, wheat, barley, cotton and vegetables.

Target Disease: It effectively controls

- | | |
|--|---|
| <input checked="" type="checkbox"/> Sigotoka | <input checked="" type="checkbox"/> Anthracnose |
| <input checked="" type="checkbox"/> Powdery | <input checked="" type="checkbox"/> Bacterial |
| <input checked="" type="checkbox"/> Downy | <input checked="" type="checkbox"/> Fungal diseases |



FEATURES

- Broad spectrum in action.
- Offers long-lasting pest control.
- Forms a good IDM and IRM molecule.

BENEFITS

- Sting effectively controls most of the economically important disease-causing pathogens like *Pythium*, *Alternaria*, *Xanthomonas*, *Rhizoctonia*, *Botrytis*, *Oidiopsis*, *Leveillula*, *Phakopsora*, *Sclerotium*, *Phytophthora*, *Peranospora*, *Sclerotinia* which cause root rot, root wilt, seedling rot, early blight, late blight, leaf spot, stem rot and mildew diseases in crops.
- Sting helps to increase the productivity by efficiently controlling the target disease causing pathogens.

1st Spray-before insect attack

2nd Spray-15 days after 1st spray



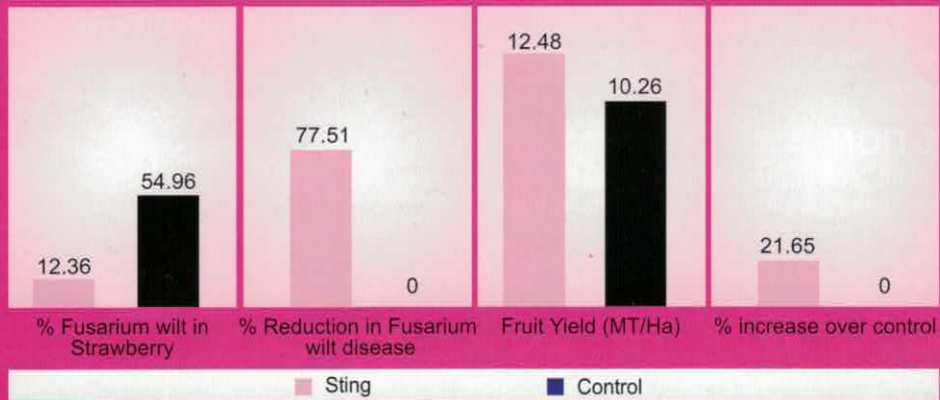


Dosage
3 Kg/Ha

Shelf life
One year

- Seed treatment** : 5-10 gm/kg of seeds depending upon the seed size.
- Seedling treatment** : 10-20 gm/liter of water.
Sucker & Bulbs Dip in the suspension of 20gm/litre.
- Drip irrigation** : 2-3 times at 7-10 days interval @ 3kg/ha.
- Soil application** : 2-3 times at 7-10 days interval @ 3 kg/ha in 500 ks of Organic fertilizer.
- Foliar application** : 2-3 times at 7-10 days interval @ 3 kg/ha in 500 lit. of water.
- Green house potting mix or soil drench** : 3 kg in 100 Litres of water.
Combined application with Bio Cure-F and Sting to achieve effective control.

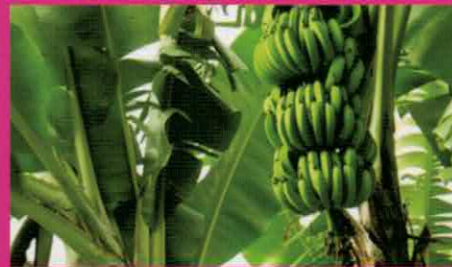
Effect of Sting (@ 3 Kg/Ha) against Fusarium wilt control and fruit yield in Banana



Effect of Sting on Banana



Untreated



Treated

Always read and follow label instructions

