

Stoma™ EC
Triacantanol EC 0.05 % Min.
Plant Growth Regulator
(Regd in Central Insecticides Board, Govt of India)

Introducing Stoma™ EC

Stoma™ EC is a unique biological plant growth promoter that helps in increasing the yield of crops.

Stoma™ EC helps in optimal and prolonged opening of stomata on the leaves of the plant thereby enabling the plant to enhance photosynthesis for a longer period which directly enhances the crop yields.

Stoma™ EC is used as an effective foliar spray. It is formulated as an Emulsifiable Concentrate.

Mode of Action

Stoma™ EC prolongs stomatal opening and thereby increases photosynthesis.

Method of Application

Foliar Application: Mix 100 ml. Stoma™ EC in sufficient quantity of water and spray on crop canopy. Spray using high volume sprayer.

Cotton : 1 st spray to be done 45 days after planting , 2 nd spray to be done 65 days after planting, and 3 rd spray to be done 85 days after planting.

Rice : 1 st spray to be done 25 days after planting , 2 nd spray to be done 45 days after planting, and 3 rd spray to be done 65 days after planting.

Tomato : 1 st spray to be done 25 days after planting , 2 nd spray to be done 45 days after planting, and 3 rd spray to be done 65 days after planting.

Chillies : 1 st spray to be done 25 days after planting , 2 nd spray to be done 45 days after planting, and 3 rd spray to be done 65 days after planting.

Groundnut : 1 st spray to be done 25 days after planting , 2 nd spray to be done 45 days after planting, and 3 rd spray to be done 65 days after planting.

Crops

Stoma™ EC is suitable for application on Cotton, Chillies, Rice, Tomatoes and Groundnuts.

It can also be used for other types of Cereals , Millets , Pulses, Oilseeds, Fibre Crops , Sugar Crops , Forage Crops , Plantation crops ,Vegetables, Fruits, Spices , Flowers , Medicinal crops , Aromatic Crops , Orchards and Ornamentals.

Compatibility

Stoma™ EC is compatible with Pesticides and Fungicides.

Shelf Life

Stoma™ EC is stable for a period of 24 months from the date of manufacturing.

Mass Composition

CONSTITUENT	W/V %	FUNCTION
Triacantanol	00.05%	Active
Emulsifiers	05.00%	Inactive
Aromatic solvent	q.s..	Inactive

Free from Salmonella, Shigella , E.Coli

Cautions for handling and use of product

1. Avoid contact with skin , eyes and mouth
2. Mixing and spraying equipment is to be thoroughly rinsed with water and detergent before using the same equipment for spraying other pesticides.
3. Surplus spray solution if it had been mixed with chemical pesticides - should not be disposed in crop lands / stagnant water / flowing water where there is a possibility of causing pollution to natural resources. If Stoma™ EC alone has been sprayed – then the washings of the sprayer and equipment can be safely discharged to farm lands.
4. Do not eat / drink / smoke during application.
5. Direct incidence of Stoma™ EC may cause irritation and therefore it is recommended that the operator should use protective gear viz gloves, apron, mask , eye gear and hood.

Symptoms and Antidote

Symptoms: Occasional symptoms include eye and skin irritation, head ache and nausea

Antidote:

In the case of ingestion: Give one or two glasses of water. Do not induce vomiting. Contact Doctor immediately.

In case of Skin contact: Wash the affected area with plenty of water and soap. Remove contaminated clothing and shoes.

In case of contact with eyes : Flush eyes with plenty of running water for 20 minutes. If irritation persists, consult a Doctor.

Citations

Stoma[™] EC is based on Triaccontanol. There is abundant literature available in the public domain on this product.

Commitment to Nature

- Stoma[™] EC can be used as an effective component in INM programmes, thereby leading to a reduction in use of chemical fertilizers and creating a safer environment.
- Stoma[™] EC does not lead to residue problems and doesn't cause resistance or resurgence problems.

Benefits from Stoma[™] EC

- Stoma[™] EC is a plant growth promoter and helps in increasing yield of crops
- Stoma[™] EC aids in stomatal opening thereby increasing the rate of photosynthesis.