

Lesino™ Plant Stress Buster and Yield Booster

Introducing Lesino™

Lesino™ is an innovative biological product that has been developed to address abiotic stresses and micronutrient deficiencies which plants face during productive stages such as flowering and fruiting.

Nutritional needs during flowering and fruiting are higher. In addition abiotic stresses such as fluctuations in temperature, pH and humidity during fruit formation / grain setting stage aggravate nutritional deficiencies.

Micronutrient deficiencies such as Iron , Zinc , Magnesium , Manganese and Boron deficiencies manifest themselves in various forms such as lack of chlorophyll in leaves / partial yellowing or browning of leaves /breaking of young fruits.

Vascular bundles of the plant are unable to transport required additional nutrition at this stage. Therefore needs of nutrition and energy are higher during this stage.

In case of vegetables harvesting cycles and flowering cycles co exist and plants suffer a shock while the fruit/vegetable is plucked. This results in plant fatigue.

In order to combat a host of such demands at the productive stage of the crop Lesino™ has been specially formulated using a combination of plant growth promoters, protein derivatives, peptides and correction factors for micro nutrient imbalance.

Mode of Action

Lesino™ helps the plant combat biotic and abiotic stresses. It corrects the micro nutrient deficiencies that are extremely important during the plant's productive stages.

Method of Application

Foliar application: Mix 0.5 – 1.0 g. of Lesino™ per litre of water. Spray volume depends on crop canopy.

Crops

Lesino™ is suitable for application on Cereals , Millets , Pulses, Oilseeds, Fibre Crops , Sugar Crops , Forage Crops , Plantation crops ,Vegetables, Fruits, Spices , Flowers , Medicinal crops, Aromatic Crops , Orchards and Ornamentals.

Compatibility

Lesino[™] is compatible with all non alkaline Pesticides, Fertilizers and Fungicides.

Shelf Life

Lesino[™] is stable for a period of 24 months from the date of manufacturing.

Mass Composition

CONSTITUENT	W/V %	FUNCTION
<i>n</i> -ATCA	5.0%	Active
Folic acid	0.1%	Active
Micro nutrient Correction factors	10.0%	Active
Innert Carrier	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. Do not eat / drink / smoke during application.
3. Direct incidence of Lesino[™] 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

Lesino[™] is a proprietary product of Agri Life and public citations of the same are not available.

Commitment to Nature

- Lesino[™] can be used as an effective component in INM programmes
- Lesino[™] does not lead to residue problems and doesn't cause resistance or resurgence problems.

Benefits from Lesino[™]

- Improves stress resistance to abiotic and biotic stress
- Enhances the resistance to high temperature conditions and parasites.
- It aids in correcting the micro nutrient deficiencies such as Zinc , Boron , Manganese , Magnesium and Iron deficiencies.
- Increases the biological activity
- Increases the fruit weight and stops flower dropping
- Useful in overcoming the chemical phyto toxicity