

BIOHUME® - SL
Bio Active Humic and Fulvic Substances of VermiCompost origin
APPROVED FOR USE IN ORGANIC AGRICULTURE

Introducing BIOHUME®-SL

BIOHUME®-SL is a unique biostimulant based on bioactive humic and fulvic substances derived from Vermicompost. BIOHUME®-SL helps in retention of flowers, imparts better organoleptic properties like lustre, aroma, flavor and taste; and attracts pollinators.

BIOHUME®-SL provides bioenergy required for crops and has biologically derived nutrients and biostimulant substances. BIOHUME®-SL is not derived from mineral / mining sources and is not Potassium humate or any other chemical humate. Most products available in market as "Humic Acids / Fulvic Acids" are of mineral origin and chemically processed as Humates. BIOHUME®-SL is the only true biologically derived bioactive humic and fulvic substances with bioenergizers.

BIOHUME®-SL is extracted from Vermicompost in cold process and as such bioactive substances do not get denatured. BIOHUME®-SL is used as an effective foliar spray. It is formulated as Sprayable Liquid. BIOHUME®-SL is approved for use in Organic Agriculture.

Further benefits are explained in the section – Benefits you can experience

Mode of Action

BIOHUME®-SL is derived from Vermicompost. All biologically derived macro nutrients, micro nutrients, enzymes, gibberellins, betains and many unidentified biostimulants present in BIOHUME®-SL provide energy to the plants. A large number of enzymes present in the gut system of earthworms decompose the biomass consumed by them and the Vermicompost so derived has many unidentified but very bioactive substances that provide bioenergy to plants at critical junctures like flowering stage.

Method of Application

Foliar Application: Mix 2- 3 ml. BIOHUME®-SL in 1 L of water and spray. Spray volume depends on the crop canopy.

Drip Irrigation: Mix 1 L/ acre of BIOHUME®-SL in drip stream.

Seed Treatment: Mix 5 ml / Kg of BIOHUME®-SL as seed dressing

Root dip/ Nursery treatment: Mix 5 ml of BIOHUME®-SL per Litre of water and dip seedling in this solution / spray on nursery bed.

Crops

BIOHUME®-SL is suitable for application for 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

BIOHUME®-SL is compatible with Pesticides and Fungicides.

Shelf Life

BIOHUME®-SL is stable for a period of 36 months from the date of manufacturing.

Mass Composition

CONSTITUENT	W/W %	FUNCTION
BioActive Humic and Fulvic substances from VermiCompost	06.00%	Active
BioEnergizers	04.00 %	Active
Carrier inert liquid	q.s.	Inactive

Free from Salmonella, Shigella , E.Coli

Cautions for handling and use of product

1. Avoid inhalation and skin contact while diluting as there could be spillage / splashes of the product.
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 BIOHUME®-SL 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 BIOHUME®-SL 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 Antidotes

Symptoms: Occasional symptoms include head ache and nausea

Antidote: In the case of ingestion: symptomatic treatment is advised In the case of contact with Eyes: Flush with water liberally for 20 minutes. In case of skin contact, wash the affected area with plenty of water and soap.

Citations

BIOHUME[®]-SL is a proprietary product and Agri Life has Indian Patent for the same. Public citations of the same aren't available. However, there are many citations for humic and fulvic substances in general.

Commitment to Nature

- BIOHUME[®]-SL is approved for use in organic agriculture.
- BIOHUME[®]-SL can be used as an effective component in INM programmes, thereby leading to a reduction in use of synthetic plant nutrition supplements and chemical fertilizers and creating a safer environment.
- BIOHUME[®]-SL does not lead to residue problems and doesn't cause resistance or resurgence problems.

Benefits from BIOHUME[®]-SL

BIOHUME[®]-SL Biological benefits

- Helps retention of flowers
- Attracts pollinators
- Imparts better organoleptic properties
- Provides Bioenergy
- Helps fight abiotic stress.
- Enhances plant foliar nutrient absorption and translocation