

HUMI-KEM (HUMIC ACID 12%)

HUMI-KEM (Humic acid 12%) is a unique preparation derived from Leonhardite Humic Acids. It is classified as a nutritional organic chemical activator. It is most suitable for foliar application to enhance the growth of plants, fruits & flowers. It should be applied at critical stages like root establishment, pre-flowering, fruit growth as well as times of climatic stress. Excellent results are obtained in the case of seed/root dip treatment with HUMI-KEM containing Humic acid 12%.

Mode of Action

HUMI-KEM acts as a bio-catalyzer & bio-stimulator. Penetrates the cellular membrane, and stimulates plant enzymes and several physiological processes in cell size. Accelerates cellular division & hence increases vegetative growth. Has a high cation exchange capacity, therefore chelates with macro & micronutrients, and offers greater availability of nutrients to the plants.

Benefits

- Facilitates absorption of foliar fertilizers and herbicides.
- Accelerates photosynthesis.
- Increases plant respiration.
- Stimulates development of microflora population in the soil.
- Increases the Brix level.
- HUMI-KEM being highly water-soluble is specifically recommended for a foliar application offering rapid absorption by the plant making it a fast-release product.

Dosage & Recommendation

Foliar Spray: In the ratio of 400 ml per acre at actively growing and reproductive stages.

Seed Treatment: 5-10 ml/kg of seed.

Seedling/Root Dip: 2 ml per litre of water.

Applicable in all types of Crops like- Agricultural crops, Horticultural crops, Lawns, Flowering plants, Ornamental plants etc.

