



BIOSTIMULANT

BOTANICAL EXTRACT

Adhatoda Vasica Extract 2% (Liquid)

O-MEAL Series : Adhatoda Vasica (leaf extract) * Various types of vegetable oils having beneficial effect on plant metabolism & plant growth. * O-MEAL Contains organic super food oil & gum concept to supply ready food material for plants.

Benefits of O-MEAL Series : O-MEAL provides ready food material to plants & works as power house for energy. * O-MEAL helps plant to fight against biotic & abiotic stresses. * O-MEAL minimizes disease & pest attack by converting Nitrogen to Proteins within plants. * O-MEAL improves photosynthesis activity in adverse climatic conditions like cloudy weather, rainy climate, high temperature & cold waves. * O-MEAL helps plant to develop plant tissues, fruit bud differentiation, flower initiation, flower setting, fruit development & to increase female flowers in dichotomous plants. * O-MEAL helps plant to perform its natural metabolic activities by regulating hormonal balance, enzymes secretion. * O-MEAL helps to produce natural aroma, taste, sweetness and colours within leaves & fruits. In Horticulture crops * O-MEAL improves fruit bud differentiation & development of inflorescence when used proper stages of crops. * Nutritional value of food & feed material increased by the use of O-MEAL in agriculture * O-MEAL increases biomass & keeping quality of agriculture produce.

How O-MEAL Series works: Enhanced photosynthesis: O-MEAL increases the content of chlorophyll, protein and nucleic acid in leaves, leading to higher photosynthetic rates & accumulation of dry matter. Accelerated growth & development: O-MEAL Promotes cell division & elongation, which results in rapid root & shoot growth, stronger seedlings & earlier maturity. Increased yield & quality: O-MEAL improves fruit setting rates, increase fruit weight & sugar content, reduce acidity, and make leaves thicker & greener.

Improves stress resistance: O-MEAL enhances plants ability to resist various stresses such as cold, drought and salinity by improving antioxidant enzymes activity & regulating water balance. Synergetic & Detoxifying effects: O-MEAL can be safely mixed with most Fertilizers, Micronutrients, Fungicides, Insecticides & Biostimulants to enhance their effectiveness and also helps crops recover from herbicide induced poisoning. O-MEAL enhances nitrogen assimilation by increasing the activity of key metabolic enzymes. O-MEAL promotes carbon and Nitrogen (C:N Ratio) metabolism. O-MEAL Organic product (Organic meal) and mostly useful for organic farming.



CHEMICAL COMPOSITION

I	Adhatoda Vasica (Leaf) Extract Per cent. by weight min	2
II	N Propanol as solvent per cent. weight by Volume max.	20
III	vegetable (Soyabean) Oil per cent. weight by Volume maximum	78
	Total (Percent)	100

SPECIFICATIONS

I	Vasicine ppm, minimum	100
II	Specific gravity	0.89-1.09
III	pH (1% aqueous solutions)	6.5-7.5
IV	Solubility percent, minimum	100

Name of the crop - Chilly & Tomato

Dose : Three foliar Sprays at 2lit/ha (800ml/Acre)

MAHARASHTRA LIC.NO : LCBWD0720250058

KARNATAKA LIC. NO : JDA/F&PP/KAR/FE1920154103/2022-2023

PUNJAB LIC. NO : LOANO. PB/AGRI/FERT/2025/3

HIMACHAL PRADESH LIC. NO : AGRH(II-TECH)F(5)3/2026-USK

MADHYA PRADESH LIC. NO : A.L.NO. 169/BIOSTIMULANT/25

TELANGANA LIC. NO : A.L.NO. 2330390

GUJARAT LIC. NO : IQ/QC-5/25-26/BIO STIMULANT/1845/53679-713/2026



The Company Growing with Grower...

USK AGRO SCIENCES®