

# ORGO

## Grade 5 – 5 - 2

### BLENDING ORGANIC FERTILIZER

ORGO is made by the scientific blending of natural organic substances in such a way that it provides the nutrients and micronutrients necessary for crop growth and soil fertility, such as Nitrogen, Phosphorus, Potassium, Sulphur, Calcium, Magnesium as well as Iron, Zinc, Copper etc; giving an organic content of 65% (minimum), which synergistically perform the important function of preserving the organic, chemical and physical characteristics of the soil. The fertility of the soil increases and it becomes soft and porous. The humidity is also protected.

ORGO can be used by itself or can be blended with conventional fertilizers to augment the results and improve soil fertility.

#### Guaranteed Analysis:

Total Nitrogen	_____	5%
0.5%_____	Water soluble organic Nitrogen	
4.5%_____	Water insoluble organic Nitrogen	
Available Phosphoric acid (P <sub>2</sub> O <sub>5</sub> )	_____	5%
Soluble Potash (K <sub>2</sub> O)	_____	2%

#### ORGO has a three tier effect on soil:

1) Nutrient and micronutrient supply (2) enhances soil fertility (3) conditions the soil

It increases the enzymatic activity in the plant giving rise to increased chlorophyll synthesis. This results in LUSH GREEN GROWTH in plant which increases solar energy utilization and thus helps the net photosynthesis and crop growth at key stages.

A natural growth promoter present in ORGO helps in enhancing plant growth in a natural way which allows plants to make sufficient use of available moisture and plant nutrients to enhance crop growth at key stages.

ORGO minimizes the use of synthetic pesticides because of the presence of natural repellants in its formulation due to the presence of bio-active oil cakes of *Neem*, *Castor* and *Karanj*.

ORGO contains some natural soil nitrification inhibitors like Epinimbin (Neem Cake) and Karanj (Karanj Cake). These bio-chemicals minimize nitrification, leaching and run off.

ORGO remains in the root-zone for a longer time, therefore plants can make more efficient and effective use of available nutrients. Its use leads to consistently improved crop yield from 5-25% or even more.

Use of ORGO in the fertilizer mix (suggested dose 50:50) reduces the need for split application of inorganic/chemical fertilizers, thus assuring overall economy in production as well as minimizing environmental pollution through leaching loss and ground water contamination.

The use of ORGO helps produce a good harvest particularly of fruits and vegetables, which are nutritionally superior, taste good, have a good luster & better keeping quality.

**Application Guidelines:**

- Recommended as a basal dose followed by a 2<sup>nd</sup> application in mid season
- Working ORGO into soil by ploughing and mixing with the soil gives better results than surface application.
- Apply with any standard fertilizer spreader and incorporate into top 10-15 cm of soil.
- ORGO can be used by itself or can be combined with chemical fertilizers or other organic fertilizers such as farm yard manure, poultry manure, compost etc. The quantity of chemical fertilizers can be reduced gradually
- ORGO can also be combined with potting compost for good results.
- A soil application of ORGO combined with NICODERMA (*Trichoderma viride* 1%W.P) helps in managing soil borne pathogens.
- A soil application of ORGO combined with BIONICONEMA (*Paecilomyces lilacinus* 1%W.P) helps in nematode control.

**Dosage:**

220 lbs /100 kg/acre

**Formulation:**

Available in pellet form and as a coarse powder

**Packaging**

50 lbs / 22.72 kg LDPE bags

**Storage**

Store in cool & dry place away from direct sunlight