



# Technical Data

**Product : WA301**

**Product Name : Soil Organic Supplement**

## **Product Information :**

1. Soil Organic Supplement is an organic soil conditioner that improves the texture, water retention capacity, nutrient availability etc., of the soil.
2. Repairs damaged soil, helps to improve the microbial health of the soil and aids in maintaining the soil quality for better plant life.
3. SOS can aid in reducing the need for synthetic fertilizer / chemical pesticides.

## **Recommended Dosage :**

5 Kg to be broadcasted over one acre land.

## **Quality Control :**

**Appearance :** Grey to black coloured, free flowing granules.

**Solubility :** 1.0 % w/v partially soluble in water.

**pH :** 6.5 - 7.5

**Particle size :** Minimum 90% material should pass through 4.0 mm IS sieve

**Total organic carbon % by wt :** minimum 14

**Total nitrogen % by wt :** minimum 0.5

**Total phosphates % by wt :** minimum 0.5

**Total potash % by wt :** minimum 0.5

**C: N ratio :** < 20

## **Heavy metal content (as mg/kg), maximum :**

|                      |          |
|----------------------|----------|
| Arsenic as $As_2O_3$ | : 10.0   |
| Cadmium as Cd        | : 5.0    |
| Chromium as Cr       | : 50.0   |
| Copper as Cu         | : 300.0  |
| Mercury as Hg        | : 0.15   |
| Nickel as Ni         | : 50.0   |
| Zinc as Zn           | : 1000.0 |



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### **Application :-**

Recommended for all types of crops.

### **Storage & Shelf life :-**

Store the product in a cool dry place away from direct heat and sunlight. Use before expiry date on the label.