

SOM

Soil Organic Matter (ALL PURPOSE Fertiliser)

SOM is a natural humic acid based with vital micronutrients for use as a foliar nutrient spray or soil drench for plant growth and development as a supplement to a balanced fertility program. It also supplies high levels of soluble potassium and phosphorus in readily available forms. Combined with humic acid, the potassium, phosphorus, calcium, iron, and sulfur can be rapidly absorbed and incorporated into the plant whether via soil or foliar application methods.

SOM is compatible with almost all commonly used herbicides, insecticides, fungicides and other agri chemicals. Simply, it makes the fertilizer with which it is applied work better. Suggested application rate with a hydraulic seeding method is only Adding 2 Kg of active material per hectare to transplant water increases root growth and reduces transplant shock. **SOM** is the Best humate for seeding and sodding.

Benefits

- Stimulates soil bacteria, buffers excessive levels of micronutrients
- Increased root and shoot growth in corn and other crops
- Added to pop-up or in-furrow fertilizer, improves germination and early growth
- Adding 2 Kg of active material per hectare to transplant water increases root growth and reduces transplant shock
- Stimulated alfalfa regrowth after cutting
- Foliar sprays help overcome stress of excessive rain, freezing, flowering, fruiting and harvest
- Yield stimulation when used in hydroponics as a nutrient solution component
- Growth stimulant for tomatoes
- General growth stimulation
- Improved soil wetting
- Improved availability of iron and other trace metals
- Improved iron uptake
- Increased translocation of iron in plants
- Increased zinc uptake in citrus
- Increased movement of calcium and magnesium in soil
- Increased phosphorous availability

DIRECTIONS

(Shake Well Before Using)

May be applied to soils in irrigation or sprinkler systems, or applied as a foliar spray.

FOLIAR SPRAY: Apply 5-10 liters/HA 450 to 900 liters in sufficient water. Stir or shake before using, add to tank when half full. For best absorption into plant, apply this product early morning or late evening

USE 50 MESH SCREENS: Check compatibility with pesticides or liquid fertilizer before full scale tank mix.

SOIL APPLICATION: By itself use 20 to 25 ltr per hectare in ground application equipment or sprinkler irrigation runs. May be used in direct seeded crops. It may also be used in combination with starter or pop up fertilizers, 5 to 7.5 ltr per hectare.

PESTICIDE COMPATIBILITY: compatible with most insecticides, herbicides, miticides, fungicides and foliar fertilizers.

It may be incorporated into existing spray programs. Add "soil conditioner 10" to the water prior to the pesticides. Perform jar compatibility test prior to full scaled tank mixing when using previously untried combination.

Aerial Application: (1:15) Apply 1 Litre with 15 Litres of water per hectare as booster application.

Soil treatment (Aerial) 1:1 (10L to 10L of Water per Hectare).

TYPICAL ANALYSIS

Typical level Element	
Carbon 69%	Nitrogen 0.52%
Sulphur 1.4%	Calcium 0.5%
Magnesium 0.35%	Potassium 0.01%
Phosphorus 10ppm	Boron 24ppm
Copper 2ppm	Manganese 40ppm
Iron 0.22%	Hydrogen 4.7%
SiO ₂ 0.35%	Al ₂ O ₃ 0.52%
Water holding capacity	60%



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