

OSA-based Plant Immunity & Yield Booster

CropSil is an Ecocert-certified Plant Immunity & Yield Booster, based on bio-available Monomeric silica (orthosilicic acid-OSA), which helps plants to withstand biotic & abiotic stress, builds up its immune system & enhances nutrient uptake.

CropSil has proven efficacy as an Immunity & Yield Booster of plants in crops like fruits, vegetables, flowers, cereals, pulses, legumes, cotton, sugarcane, tea etc., both in green house & open field cultivations.

Technical Content:

Monomeric Silica - 3%, Sorbitol – 15% (Patent Pending)

Mode of Action:

- ✓ After foliar spray, **CropSil** facilitates the uptake & transport of water & nutrients in required proportion to all parts of the plant.
- ✓ It also reduces transpiration through the thick leaf & optimizes water management in the plant.
- ✓ It accumulates in the cuticle & epidermis of leaf, thus increasing natural resistance against insects. The jaws of sucking mites/insects get damaged due to thick tissues & hence they cannot chew/bite the leaves.

Method of Application & Dosage:

- a. **Seed Dip Treatment – CropSil** 1 ml / 1 lit for 30 min, Remove, Shake dry & Sow
- b. **Sapling Dip Treatment – CropSil** 1 ml / 1 lit – Dip roots, remove, shake & transplant
- c. **Foliar Spray: CropSil** 1 ml / 1 lit
- d. **Drip Systems: CropSil** 1ml / 1 lit, give half an hour before stopping the drip cycle

Advantages:

1. Activates plant pathways to stimulate growth & Self Acquired Resistance (SAR) against fungi & bacteria
2. Builds tolerance to biotic & abiotic stress
3. Improves drought resistance by reducing water requirement up to 40%
4. Improves uptake of minerals especially Phosphorus.
5. Mitigates toxicity of Mn, Cu, Co, Fe, Al & Ca
6. Enhances quality & quantity of produce up to 25%

Certification:

- ✓ National Research Centre for Grapes (NRCG), Pune
- ✓ Dr. Balasaheb Sawant Konkan Krishi Vidyapeeth, Dapoli
- ✓ Selling Permission from Krishi Ayuktalay, Maharashtra-Pune
- ✓ Ecocert NPOP for India
- ✓ Ecocert EU for Europe
- ✓ Ecocert NOP for US

Compatibility:

It is compatible with commonly used plant nutrition & plant protection products. Its efficacy is enhanced if used with LeafWet (to be used while preparing spray solution).

Caution:

Do not mix with acidic water or acidic product, else it will polymerize. Do not keep in open & in sunlight.

Warranty:

Since use of the product is beyond our control, we are not responsible and will not accept any liability, claims or losses caused whatsoever, except the quality of the product.

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