

USER GUIDE

SOMRITH

Organic sapropel and peat-based biostimulant



SOMRITH is a powerful biostimulant containing 50% sapropel i.e. carbon-rich prehistoric aquatic organic matter. This 100% natural, mineral-rich composition of SOMRITH increases your soil organic matter and stimulates microbiological activity. Plants treated with SOMRITH show exceptional root and shoot growth and are more resistant to plant diseases—thanks to its formula containing humic and fulvic acid, chelated micronutrients, and amino acids derived from high-grade organic peat.*

SOMRITH unlocks the power of sapropel to give you an abundant harvest.

*Upon following recommended dosage.

FEATURES & BENEFITS:

- ✓ Organic certified by NOCA
- ✓ Enhances plant growth and quality
- ✓ Improves nutrient uptake
- ✓ Improves plant metabolism and nutrient uptake
- ✓ Improves plant immunity
- ✓ Improves soil water holding capacity
- ✓ Improves soil organic matter and soil health
- ✓ Improves soil quality thus increasing soil productivity

CONTENTS

Based on lab test report from Shriram Institute for Industrial Research, India. Dated: 26 Oct. 2020

pH (1:2)	6
Conductivity (EC 1:5) mS cm-1	0.55
Organic carbon (g/100g DW)	32.6
Humic acid (g/100g)	3.5
Fulvic acid (g/100g)	1.3
Ash (minerals) content (g/100g)	7.8

*Diluted 1:2 from base product

This product contains more than 30 macro and micronutrients, over 18 amino acids, and vitamins which improve plant health and productivity.

COMPATIBILITY

SOMRITH is compatible with a wide range of pesticides and fungicides. If compatibility of SOMRITH with a given product is not known, it is suggested to test the same by combining them together at the recommended rate before preparing a mix. **Suitable for all crops and compatible with all other agricultural inputs.**

WARRANTY

No warranty of any kind, expressed or implied, is made concerning the use of this product. User assumes all risk and liabilities resulting from handling, use or application of this product.



INSTRUCTIONS IF CONSUMED ACCIDENTALLY BY HUMANS OR ANIMALS



Drink plenty of water and fluids and consult your doctor if any adverse symptoms appear.

STORAGE AND DISPOSAL

Store in cool and dry place and away from food and feed stuff. Dispose empty container in an approved sanitary landfill by burying or recycling.

DIRECTIONS FOR USE

SOMRITH can be used for foliar application, root treatment, and seed treatment.

I. Foliar spray, seed or root treatment for vegetables/plants

Vegetables/Plants	Qty to be used per acre	Time	Application method	Recommended ratio for dilution / preparing Working Solution in water/acre
Vegetables (beetroot, brinjal, cabbage, cucumber, flowers, garlic, gourds, onions, squash, tomato, pepper, potato etc.) Leafy vegetables (carrot, fenugreek, lettuce, radish, spinach)	40 ml Seed treatment	Before sowing	Soaking of seeds for 4 hours	1 L water
	500 ml	15 days	Root drenching	100 L water and 25 L cow urine
	600 ml	30 days	Spray	120 L water and 30 L cow urine
	900 ml	60 days	Spray	180 L water and 45 L cow urine
Berries (strawberry, raspberry)	40 ml Seed treatment	Before sowing	Soaking of seeds for 4 hours	1 L water
	500 ml	15 days	Root drenching	100 L water and 25 L cow urine
	600 ml	30 days	Spray	120 L water and 30 L cow urine
	900 ml	60 days	Spray	180 L water and 45 L cow urine
Grain & industrial crops (wheat, rice, maize, barley, oats, sorghum, pearl millet (bajra) etc.)	40 ml Seed treatment	Before sowing	Soaking of seeds for 4 hours	1 L water
	500 ml	15 days	Root drenching	100 L water and 25 L cow urine
	600 ml	30 days	Spray	120 L water and 30 L cow urine
	900 ml	60 days	Spray	180 L water and 45 L cow urine
Technical & forage crops (mustard, soybean, groundnut, sunflower, jute, forages)	40 ml Seed treatment	Before sowing	Soaking of seeds for 4 hours	1 L water
	500 ml	15 days	Root drenching	100 L water and 25 L cow urine
	600 ml	30 days	Spray	120 L water and 30 L cow urine
	900 ml	60 days	Spray	180 L water and 45 L cow urine
Legumes (chickpea, pigeonpea, peas, beans, lentils, etc.)	40 ml	Before sowing	Soaking of seeds for 4 hours	1 L water
	500 ml	15 days	Root drenching	100 L water and 25 L cow urine
	600 ml	30 days	Spray	120 L water and 30 L cow urine
	900 ml	60 days	Spray	180 L water and 45 L cow urine
Floriculture	40 ml	Before sowing	Soaking of seeds for 4 hours	1 L water
	500 ml	15 days	Root drenching	100 L water and 25 L cow urine
	600 ml	30 days	Spray	120 L water and 30 L cow urine
	900 ml	60 days	Spray	180 L water and 45 L cow urine

Vegetables/Plants	Qty to be used per acre	Time	Application method	Recommended ratio for dilution / preparing Working Solution in water/acre
Cotton	40 ml	Before sowing	Soaking of seeds for 6 hours	1 L water
	500 ml	30 days	Spray	100 L water and 25 L cow urine
	600 ml	60 days	Spray	120 L water and 30 L cow urine
	900 ml	90 days	Spray	180 L water and 45 L cow urine
Any other crop	40 ml	Before sowing	Soaking of seeds for 4 hours	1 L water
	500 ml	15 days	Root drenching	100 L water and 25 L cow urine
	600 ml	30 days	Spray	120 L water and 30 L cow urine
	900 ml	60 days	Spray	180 L water and 45 L cow urine
Turf	40 ml Seed treatment	Before sowing	Soaking of seeds for 4 hours	1 L water
	500 ml	15 days	Root drenching	100 L water and 25 L cow urine
	600 ml	30 days	Spray	120 L water and 30 L cow urine
	900 ml	60 days	Spray	180 L water and 45 L cow urine

II. Replanting with shoots

Vegetables/Plants	Qty to be used	Time	Application method	Recommended ratio for preparing Working Solution in water/acre
Banana and other shoots	600 ml	At the time of planting	Soaking of plants / root drenching / shoots for 4 hours	15 L water
	800 ml	30 days	Spray / Through Drip Irrigation System	160 L water and 40 L cow urine
	800 ml	90 days	Through Drip Irrigation System	160 L water and 40 L cow urine
	600 ml	150 days	Through Drip Irrigation System	120 L water and 30 L cow urine
	600 ml	210 days	Through Drip Irrigation System	120 L water and 30 L cow urine

* For best results use the indicated dosage.

We recommend reducing your current recommended dose of fertiliser (RDF) by 50% when using it in combination with SOMRITH.