IFFCO
पूर्णतः सहकारी स्वामित्व
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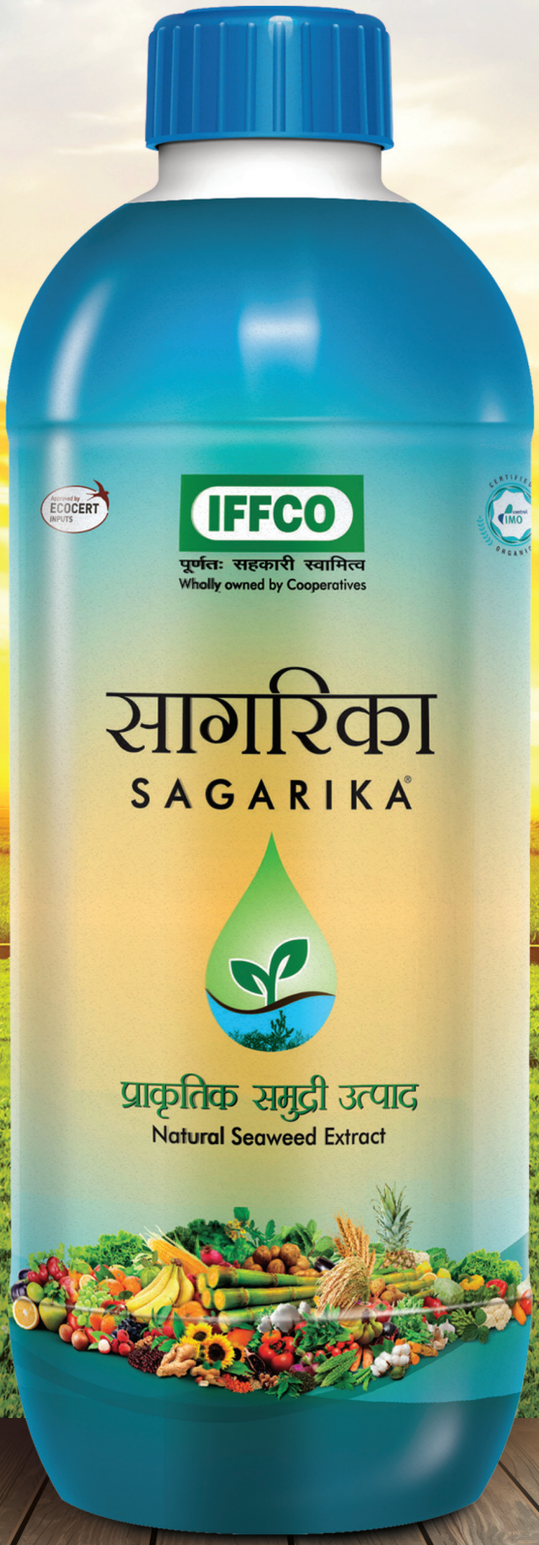
AquAgri

SAGARIKA



ORGANIC

Sagarika is a Seaweed based liquid bio-stimulant also suitable for organic farming.

It is manufactured from red and brown seaweed (algae).

Sagarika is a concentrated liquid derived from appropriate proportion of natural and cultivated seaweed.

Sagarika liquid contain natural proteins, carbohydrates, essential plant nutrients, plant growth substances like auxins, cytokinins, gibberellins, alginate, betaines, mannitol etc.

Sagarika is “MADE IN INDIA” product because cultivation takes place in southern coast of India.

INDIA

Sagarika is the most popular seaweed concentrated liquid in India.

*For further info scan QR code

control IMO

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Sagarika Composition

Nutrients		Sagarika Liquid
Zinc	(Zn)	5-12 mg/L
Copper	(Cu)	2-5 mg/L
Manganese	(Mn)	10-12 mg/L
Boron	(B)	4-6 mg/L
Calcium	(Ca)	0.15-0.30 %
Iron	(Fe)	0.02-0.04 %
Magnesium	(Mg)	0.20-0.50 %
Sulphur	(S)	1.5-3.0 %
Nitrogen	(N)	0.10-0.30 %
Phosphorus	(P)	0.05-0.1 %
Potassium	(K)	8.0-8.5 %
Auxin		400-600 Ppm
Cytokinin		200-400 Ppm
Gibberellins		500-800 Ppm

Benefits of sagarika

- Enhances seed germination & improves germination rates and seedling vigour.
- Increases nutrient use efficiency of organic and chemical fertilizer by the plant.
- Helps to increase crop yield by improving photosynthesis, nutrient uptake and root growth.
- Contains various plant nutrients which can improve the productivity & the nutritional quality of the crops.
- Helps plants to develop tolerance from abiotic stress such as drought, heat, cold & salinity.
- Sagarika contains compounds that stimulate plant immunity and helps to protect against pests and diseases.
- Sagarika can be a sustainable alternative to synthetic fertilizers and pesticides, reducing the environmental impact of agriculture.

Dosage

Spray
- 500 ml per acre or 1.50 litre per hectare of crops or 5.0 ml of Sagarika per lit of water.

Fertigation
- 1 litre per acre of land or 2.5 litre per hectare of land.

Seed Treatment
- 2 ml of Sagarika Liquid in 1 litre of water.

Time of application of Sagarika liquid

Crops	1st spray	2nd spray	3rd spray
Rice	15-20 days after transplanting	Panicle initiation (45-50 DAS)	Flowering (70-75 DAS)
Wheat	Tillering (25-30 DAS)	Stem elongation (55-60 DAS)	Boot stage (85-90 DAS)
Maize	20-25 days after sowing	6-7 leaf stage (40-45 DAS)	Tasselling and silking (70-75 DAS)
Cotton	2-3 true leaf stage (20-25 DAS)	Squaring (40-45 DAS)	Flowering (70-75 DAS)
Sunflower	20-25 days after sowing	Flowering (40-45 DAS)	Grain filling (70-75 DAS)
Groundnut	20-25 days after sowing	Pegging (40-45 DAS)	Pod development (60-65 DAS)
Cole Crops (Cabbage, Cauliflower, Broccoli)	2-3 true leaf stage (20-25 DAS)	Head initiation (40-45 DAS)	Head initiation (40-45 DAS)
Sugarcane	2-3 leaf stage (30-35 DAS)	Active tillering (60-65 DAS)	Pre-flowering (90-95 DAS)
Onion & Garlic	Vegetative growth stage (30-35 DAS)	Bulb/ Clove formation (60-65 DAS)	Bulb/ Clove maturation (90-95 DAS)
Potato	Vegetative growth stage (30-35 DAS)	Tuber initiation (55-60 DAS)	Bulking (85-90 DAS)
Tomato & Chilli	2-3 true leaf stage (20-25 DAS)	Flowering (45-50 DAS)	Fruit development (75-80 DAS)
Banana	At vegetative stage	At flowering stage	At fruit development stage
Mango	At vegetative stage	At flowering stage	At fruit development stage
Grapes	At bud break stage	At pre-bloom stage	At fruit set
Apple	At bud break stage	At petal fall stage	At the fruit set
Citrus	At petal fall stage	At fruit set	At fruit enlargement
Tea	At the early vegetative stage	At the onset of flushing	At the pre-flush stage

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