

Mangalam Kalpataru Industries

SAKAL SAMRADHI ORGANIC LIQUID PESTICIDES

Plant Protector



वेबिसूला ऋषिः

NAVSARI AGRICULTURAL UNIVERSITY



भारत
ICAR

सकल समृद्धि कीटनाशक - Sakal Samradhi Pesticide -

- Sakal Samradhi Pesticide - is an organic supplement with botanical Pesticide.
- It controls the insect-Pest with an organic means that can reduce the load for chemical on agriculture.
- It can gives complete food to the plant.
- Fortified botanical Pesticide (सकल समृद्धि कीटनाशक) can control most of the insect-pest like aphids, jassids, hoper, termites, scale, mealy bug, white fly, caterpillars, borers, beetles, worms, thrips, nematodes, harmful insect/pests.

SAKAL SAMRADHI ORGANIC LIQUID BOTANICAL PESTICIDE

सकल समृद्धि कीटनाशक is used in treating the following types of Insects-Pests in plants -



Aphid



Hopper



Scale



Mealy Bug



Leaf eating caterpillar



Borers



White Fly



Red Palm Weevil

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Product Benefits :

- It contains not only essential major/micro plant nutrient but also plant growth regulators viz. NAA, cytokinin and GA3 as well as some beneficial soil conditioning as well as waste decomposing organisms.
- It can improve plant health and its vitality because of availability of plant nutrients and hormones, which ultimately resulting in increasing crop yield and reducing cost of production.
- The Product is an environmentally sustainable, which is suitable for system of agriculture like organic farming will be able to maintain a stable resource balance, avoid over exploitation of renewable resource, conserving inherent soil nutritional quality and soil health, and biodiversity.
- It will lead to sustainable agriculture and create a sustainable lifestyle for generations to come.

Product Strength :

- Poisonous effect on harmful insect-Pest.
- They help farmers grow more food on less land by protecting crops from insect/ pest/ fungus/virus/bacteria as well as raising productivity per hectare.
- Another valuable feature is that they achieve the increase of activity in bacteria and fungi that benefit the soil.
- Long term environmental benefits as they are not contaminate lands and waters.
- Far safer to the overall crop for both grazers and farmers.
- No residual can be found as it is organic

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Product Application :

- It can be use in different crops in different stages by foliar spray as and when required.
- Standard recommendation by NAU for individual crops is 1 -2%. 100-200 ml in 10-liter water on the Basis of Insect/Pest infestation.

Sr. No.	Crop	Concentration %	Dilution in Water (10 Liters)
1	Grain Crops (Paddy, wheat, maize, millets, etc)	1.0 to 1.5 %	100 to 150 ml
2	Sugarcane	1.5 to 2.0 %	150 to 200 ml
3	Fruit crops (Mango, Banana, Papaya, Guava, citrus, Sapota, etc)	1.0 to 1.5 %	100 to 150 ml
4	Vegetables (Tomato, brinjal, chili, okra, etc.)	1.0 to 1.5 %	100 to 150 ml
5	Tuber crops (Potato, radish, carrot, onion, sweet potato, yams, garlic, ginger, etc)	1.0 to 1.5 %	100 to 150 ml
6	Leafy vegetables (spinach, lettuce, Mint, parsley, coriander, etc)	0.5 to 1	50 to 100 ml
7	Flower crops (Rose, gerbera, jasmine, marigold, tuberose, orchid, etc)	0.5 to 1	50 to 100 ml
8	Oil seeds (cotton, sesame, soybean, ground nut, etc)	1.0 to 1.5 %	100 to 150 ml
9	Plantation crops (tea, coffee, palms, rubber, cocoa. etc)	1.5 to 2.0 %	150 to 200 ml
10	Pulses (Grams, cowpea, chick pea, pigeon pea, etc)	1.5 to 2.0 %	150 to 200 ml