

INNOVATIVE ECO-CARE PVT LTD



IEC PACKAGE OF PRACTICES FOR ORGANIC COTTON & CASTOR CULTIVATION (For 1 Acre)

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Integrated Suite of Products

INNO CARE

Blend of co-cultured GRAS microbes, botanicals and phytochemicals

iSurge

Key Micronutrients
Mineral salts with aqueous chelating agents, Humic acid, Sulfur

GROW-CARE

Elemental Sulfur, and plant extracts, Key Micronutrients with aqueous chelating agents,

WHOLESOME

Nutritive Biocontrol agent sulfur with phytoderivatives.

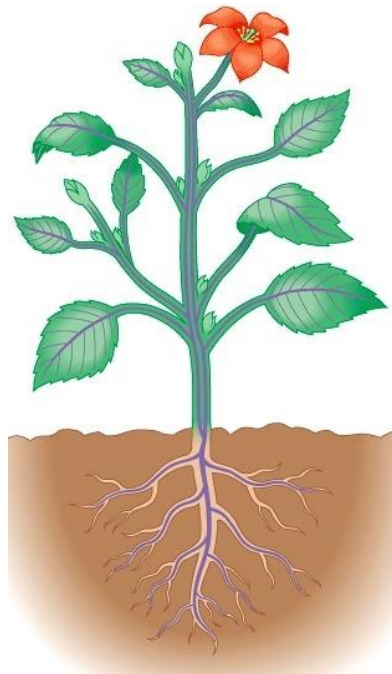
iBoost

Fulvic Acid, Amino Acids, Organic Acids

Induce Abiotic Stress Tolerance*

Impart Systemic Pathogen Resistance

Enhance Soil Fertility



Higher Yields

*Soil salinity, unusual temperature changes, temporary droughts and frost, excessive moisture

Product Details



PRODUCTS	INNO CARE	iSurge	GROW-CARE	WHOLESOME	iBoost
Active Ingredients	<i>Lactobacillales</i> and <i>Sacchromycetes</i> with botanicals & phytochemicals	Elemental sulfur, Fe, Bo, Cu, Zn, Mn in plant absorbable, chelated form, Humic acid	Elemental sulfur, Fe, Bo, Cu, Zn, Mn in plant absorbable, chelated form, Extracts of <i>Allium sativum</i> , <i>Azadirachta indica</i> & fruit-derived organic compounds	Elemental sulfur solublized in water with naturally derived organic compounds	Fulvik Acid, Amino Acids, Organic Acids
Benefits	Enhances soil fertility through increase in nutrient bioavailability, cation exchange capacity, increase in soil organic matter and porosity. Imparts abiotic stress tolerance and suppression of plant pathogens	Provides sulfur, critical in enzyme production. Improves carbohydrate transport, metabolic regulation and, enzyme, vitamin and chlorophyll production	Treats and prevents major pests and microbial pathogens. Repels & kills soft-bodied insects	Treats and prevents major microbial pathogens. Provides sulfur, critical in enzyme production.	Provides missing links in metabolic activities, corrects balance between Vegetative Growth & Reproductive Growth, improves Flowering, fruit bearing and yields.
Application	Soil and foliar	Soil and foliar	Soil and foliar	Soil and foliar	Soil and foliar

Protocol for Medium term Crops (6-8 Months)



STAGE	PURPOSE	TREATMENT	No. OF APPLICATIONS
From 3-4 leaves after germination. Repeat every month	To provide best micro-environment, enhance nutritional bio-availability, protect from pest & disease	Prepare NPB Secondary Culture by mixing INNO CARE Liquid Culture (250 ml), iSurge (100 ml) with water (100L), Jaggery/molasses 4 kg. Administer the formulation 30% as a foliar & 70% with irrigation once in two months.	2 - 3
From Second Month - Monthly Treatment OR as Needed	To enhance growth and to protect from Pest & disease	Mix GROW-CARE (300 ml) and water (100L). Administer the formulation as a foliar once in a month.	6 - 8
After flowering stage (Repeat every month)	To enhance metabolic activities, to balance Vegetative Growth & Reproductive Growth	Mix iSurge (500 ml) , iBoost (250 ml) and water (200L). Administer the formulation 30% as a foliar & 70% with irrigation.	4 - 6
2 weeks before harvesting starts	To increase oil contents in seeds, hence, yield increase	Mix WHOLESOME (500 ml) administer the formulation with irrigation once in a month.	3 - 4

NOTE:

- 1. STEP-1 will induce Re-Activation of LOCAL microbe and provide all macro & micro nutrients for the crop growth & yield. It will also utilize water and soil salinity for growth.
- 1. STEP-2 will protect crop from Pest & Disease and also provide boost to vegetative & reproductive growth.
- 1. STEP-3 Add 100 ml of 'AQUA CHILL' for saline water up to 3000 TDS. Inorganic Salts will be chelated by organic acids for crop growth. Even drippers will be cleaned & will not allow to clogged due to salinity.

IEC PRODUCTS – ACTIONS



PARTICULARS	NPB ACTION
SOIL	NPB TECHNOLOGY balances soil pH, enhances soil fertility, activates dormant beneficial microbes, converts organic waste & salinity in to nutrients/micronutrients
PLANTS	Balances N : S uptake to balance vegetative & reproductive growth, enhances nutrient values of crop, controls leaf pH to enhance immunity towards pest & disease
PESTICIDE RESIDUE	NPB avoids pesticide use, and reduces pesticide residue in produce & soil in less than 3 months