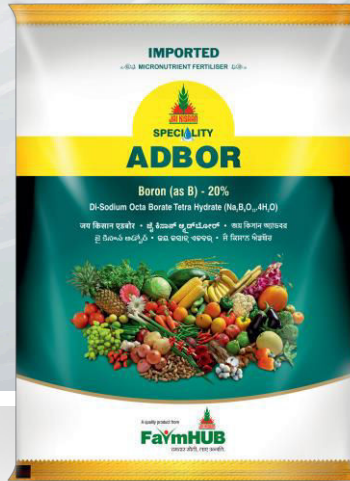


SPECIALITY PRODUCT (Micronutrient)

ADBOR ($\text{Na}_2 \text{B}_8 \text{O}_{13} 4\text{H}_2\text{O}$)



Boron

20 %

Water soluble

- Maintains the balance between sugar and starch and helps in the translocation of sugar and carbohydrates
- Improves the pollination and seed production
- Essential for normal cell division, nitrogen metabolism and protein formation
- Must be applied for boron deficiency susceptible crops viz, grape, pomegranate, cabbage, cauliflower, maize, groundnut, cotton etc.

Dosage :

Fertigation: 1 to 1.5 kg per acre.

Foliar application: 1 gm per litre of water.

2 to 3 sprays at an interval of 15 days.

Available in 250 gm, 500 gm and 1 kg bags.

A quality product from

FaYmHUB
कामदत खेती, काम उन्नति.



**SPECIALITY
PRODUCT**
(Micronutrient)

GROWBOR
($\text{Na}_2 \text{B}_8 \text{O}_{13} \cdot 4\text{H}_2\text{O}$)



Boron

14.5 %

Water soluble

- Suitable for soil application with all fertilizers
- Increases nodule fixation in leguminous crops
- Essential for normal cell division, nitrogen metabolism and protein formation
- Must be applied for boron deficiency susceptible crops viz, grape, pomegranate, cabbage, cauliflower, maize, groundnut, cotton etc.

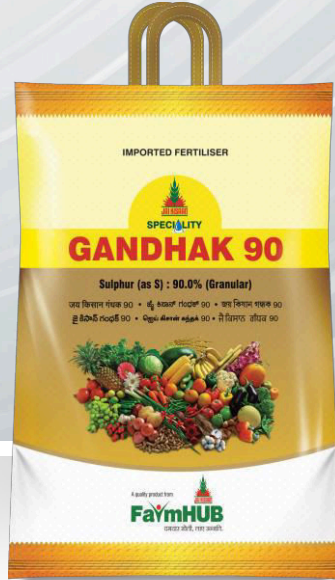
Dosage :

1 to 3 kg per acre.

Available in 1 kg and 5 kg bags.

**SPECIALITY
PRODUCT**
(Micronutrient)

GANDHAK 90



Gandhak 90 is a widely used and affordable fertilizer source of Sulphur, an essential secondary plant nutrient.

Essential Content: Sulphur (S) : 90 %

Benefits of Gandhak 90

- Improves pungency and oil content in bulb and oil seed crops respectively
- Activates Sulphur containing amino acids and helps in plant growth and development
- Sulphur is also required for synthesis of chlorophyll

Application Details:

Crops: All crops like Oilseeds, Pulses, Bulb crops, Vegetables, Fruits, Plantation and dry land crops, except low land paddy

Soil Application: Dosage: 10 to 15 kg per acre

Time of application

Field Crops: Sowing / Transplanting

Perennial Crops: Pre-monsoon / Post-monsoon

Packing: 10 kg

A quality product from

FaYmHUB

उत्पादक खेती, लागू उन्नती.

**SPECIALITY
PRODUCT
(Micronutrient)**

**KALPAVRUKSHA
(Soil Application for Coconut & Arecanut)**



Kalpavruksha is scientifically blended and enriched with integrated nutrients specifically for coconut & arecanut palms.

Essential Content: It contains growth promoters, neem cake powder, pongamia cake powder, castor cake powder and vermicompost along with major & micronutrients and beneficial microorganisms viz., N-fixer, P- solubilizer, K- mobilizer and plant protective microbes viz., Trichoderma and Pseudomonas.

Benefits of Kalpavruksha

- Provides all the nutrients required by Coconut and Arecanut palms in balanced proportion
- Reduces splitting and dropping of nuts
- Increases yield, imparts tolerance against insects and diseases

Application Details :

Rate of application per palm	Time of application
Coconut : 5 kg	Pre-monsoon / Post-monsoon
Arecanut : 2 kg	

Packing : 40 kg

**SPECIALITY
PRODUCT**
(Micronutrient)

MAGNESIUM SULPHATE



Magnesium Sulphate is a widely used and affordable fertilizer source of Magnesium which is very much essential for plants.

Essential Content: Magnesium (Mg) : 9.5 %, Sulphur (S) : 12 %

Benefits of Magnesium Sulphate

- Magnesium Sulphate supplies Magnesium
- An essential component of various enzyme systems for energy production, protein synthesis and growth regulation
- Improves chlorophyll content and photosynthesis of plants
- Activates many plant enzymes needed for growth and development

Application Details: Crops : All Crops

Soil Application: **Dosage:** 25 to 50 kg per acre

Foliar Application: **Dosage:** 4 to 5 gm per litre

Time of application :

Field Crops: At the time of Sowing / Transplanting.

Perennial Crops: Pre-monsoon / Post-monsoon.

Time of application :

Field Crops: 30 days after Sowing / Transplanting.

Packing: 1, 25 & 50 kg

A quality product from

FaymHUB
कामाज खेती, कामाज आजीवन.



SPECIALITY PRODUCT (Micronutrient)

ZINC 21 (Zinc Sulphate Heptahydrate)



Zinc (Zn) is an essential component of various enzyme systems for energy production, protein synthesis, and growth regulation. Its essentiality in many enzymic terms in plants is related to three main functions including catalytic, co-catalytic, and structural integrity. Plant availability of Zn^{2+} depends on concentration of available Zn^{2+} at the root surface and ability of plant to take it up. Zinc is the most commonly deficient micronutrient in soil. Zinc deficiency leads to poor growth and low yields.

Essential Content : Zinc (Zn) : 21%, Sulphur (S) : 10%

Benefits of Zinc Sulphate

- Zinc sulphate contains readily available Zinc along with Sulphur, another essential plant nutrient
- Zinc is essential for oxidation reaction, carbohydrate metabolism, sugar usage and formation of growth promoting compounds like Auxins
- Zinc-treated plants become healthy and manages Khaira disease in Paddy
- Zinc helps in setting of flowers, fruits and also increases quality and quantity of produce

Application Details :

Crops: All crops

Soil Application: Dosage: 10 kg per acre

Time of application :

Field Crops : At time of sowing/transplanting

Perennial Crops : Pre-monsoon/Post-monsoon

Packing: 5, 10, 25 and 50 kg

A quality product from

FaYmHUB
कामदर खेती, सार उपासी.



SPECIALITY PRODUCT (Micronutrient)

ZINC 33 (Zinc Sulphate Monohydrate)



Zinc (Zn) is an essential component of various enzyme systems for energy production, protein synthesis, and growth regulation. Plant availability of Zn^{++} depends on concentration of available Zn^{++} at the root surface and ability of plant to take it up. Zinc is the most commonly deficient micronutrient in soil. Zinc deficiency leads to poor growth and low yields

Essential Content : Zinc (Zn) : 33% & Sulphur (S) : 15%

Benefits of Zinc 33%

- Helps absorption of Cu and Mn by crops
- Contains readily available Zinc along with Sulphur, another essential plant nutrient
- Is essential for oxidation reaction, carbohydrate metabolism, sugar usage and formation of growth promoting compounds like Auxins
- Treated plants become healthy and resist diseases
- Helps in setting of flowers, fruits and also increases quality and quantity of produce
- Correcting soil / crop deficiency of Zn helps correcting Zn deficiency in human diets

Application Details:

Crops: All crops

Soil Application: Dosage: 5 kg per acre

Time of application:

Field Crops : At time of sowing / transplanting

Perennial Crops : Pre-monsoon / Post-monsoon

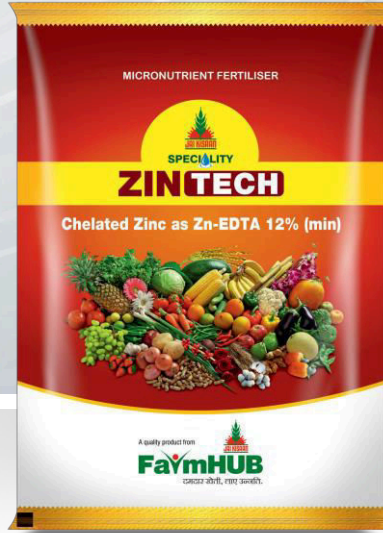
Packing: 1, 4 and 5 kg

A quality product from

FaymHUB
कामाज खेती, लाभ उठावो.

SPECIALITY PRODUCT (Micronutrient)

ZINTECH (Zinc Chelated with Zintech)



Zinc is essential for oxidation reaction, carbohydrate metabolism, sugar usage and formation of tryptophan amino acid which further helps in producing growth promoting compounds like Auxins. The Auxins in turn help in flower production and retention, ultimately enhancing the yield. Zinc can be easily supplied through is a high-quality fertilizer containing water soluble zinc and gives faster results compared to its ionic form.

Essential Content : Zintech (Zn) : 12.0 %

Benefits of Zintech

- Zinc is Chelated with EDTA to give immediate supply of Zinc to plants
- Zinc also contributes towards chlorophyll synthesis and thereby increases photosynthesis activity
- Zinc-treated plants become healthy and resist diseases
- Zinc helps in setting of flowers, fruits and also increases quality and quantity of produce

Application Details:

Foliar spray: Zintech is suitable for foliar spray at 1 gm / ltr of water at 30 & 45 days after sowing / transplanting

Fertigation: Zintech is also suitable for fertigation at 2 kg per acre at 15 and 45 days after sowing / transplanting

Packing : 250 & 500 gm

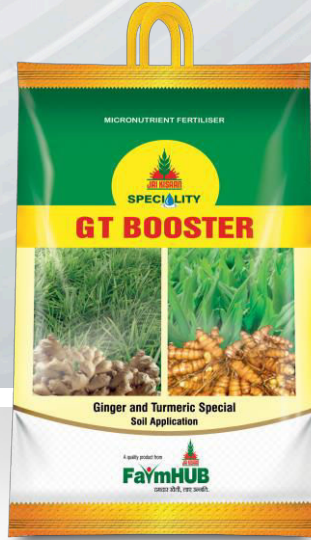
A quality product from

FaYmHUB
कामाज खेती, लाभ उठावो.



SPECIALITY PRODUCT (Micronutrient)

GT BOOSTER (For Ginger and Turmeric)



GT Booster is a scientifically blended product and supplies nutrients in bio-available form which helps in plant growth and development with high root mass.

Essential Content : It contains Zinc, Iron, Manganese & Boron, Neem and plant growth booster.

Benefits of GT Booster

- A tailor - made product with balanced micronutrients along with neem and plant extract for Ginger and Turmeric Crops
- Helps early establishment of crops through better nourishment
- Imparts tolerance to soil borne insects and disease pathogens
- Improves yield and quality

Nutrient Contents :

Nutrient Element	Zn	Fe	Mg	B
Content (min), % w/w	10	2	3	0.5

Application Details:

Crops: Ginger and Turmeric

Dosage: 10 kg per acre

Time of Application : At planting or at germination or within 30 days after germination

Method: Broadcasting on the bed

Packing: 10 kg

SPECIALITY PRODUCT (Micronutrient)

Zinc 39.5%



Zinc 39.5% suspension is a highly concentrated FCO registered source of Zn micro nutrient fertilizer.

Essential content:

(i)	Dense suspension concentrates of liquid zinc	
(ii)	Zinc (as Zn) per cent by weight, minimum	39.5
(iii)	pH (5% solution)	9.41
(iv)	Specific gravity	(at 15°C)

Benefits:

- Catalyst for enzymes in photosynthesis
- Enhances the carbohydrates metabolism
- Increases protein metabolism and RNA synthesis
- Takes part in N metabolism and stimulates amino acid to produce proteins
- Important in cell membrane integrity
- Increases permeability of root and shoot cell wall for uptake and translocation of nutrients
- Improves plant defence mechanism
- Improves immunity of crop to various diseases
- Excellent product for decreasing zinc deficiency in short time

Application Details:

Crops: All crops

Method: Foliar/Fertigation

Foliar spray @ 0.5 - 1.5 ml per liter of water

Fertigation: 1-1.5 liter per acre

Root dipping: 10 ml per liter just prior to planting/transplanting

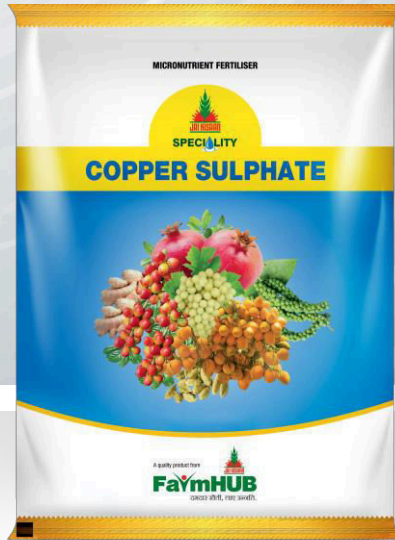
Packing: 250 mL, 500 ml and "1L"

A quality product from

FaYmHUB
कामाज खेती, लाभ उठावो.

SPECIALITY PRODUCT (Micronutrient)

COPPER SULPHATE (Crystal & Powder)



Copper (Cu) activates many enzymes in plants which are involved in lignin synthesis and it is essential in several enzyme systems. It is also required in the process of photosynthesis, is essential in plant respiration and assists in plant metabolism of carbohydrates and proteins. Copper deficiency leads to poor growth and low yields.

Essential Content : Copper (Cu) : 24%, Sulphur (S) : 12%

Uses of Copper Sulphate

- Copper Sulphate contains readily available Copper along with Sulphur, another essential plant nutrient
- Preparation of Bordeaux and Burgundy mixtures on the farm
- Control of fungus diseases
- Correction of copper deficiency in soils
- Copper helps in increasing quality and quantity of produce

Application Details:

Crops: All crops

Soil Application: Dosage: 5 to 10 kg per acre

Time of application:

Field Crops: Along with fertilizers application in deficit soils

Perennial Crops: Pre-monsoon/Post-monsoon

Packing: 1 & 25 kg pack

Jai Kisaan Arecanut Special (NPK14:06:21) (NPK Granular fertilizer)



Jai Kisaan Arecanut special is a customized fertilizer grade of plant nutrients and growth promoters tailored for arecanut cultivation. This product is designed to address specific nutrient deficiencies and improve the overall health and productivity of arecanut plants.

Essential Content:

Product	Nitrogen (N)	Phosphorus (P ₂ O ₅)	Potash (K ₂ O)
JK Coffee Special	14.0	6.0	21.0

Benefits:

- ❖ Supplies essential nutrients in required quantity
- ❖ Promotes the root growth and development
- ❖ Reduces the immature nut dropping and cracking
- ❖ Improves nut yield and quality

Application Details

Crops: Arecanut

Soil application: 750 g/palm/year for more than 3 years palm (375 g/palm at pre monsoon and 375 g/palm at post monsoon season)

For 1 & 2-year-old plants: 250g & 500g per palm per year respectively.

Available Packing: 50 kg

SPECIALITY PRODUCT (Micronutrient)

MICRONUTRIENT MIXTURE (State Specific Grades)



Plants require essential micronutrients for their growth and reproduction. These micronutrients are very important as they not only improve growth and development but also increase the efficacy of macronutrients in plants. The micronutrients (Zn, Fe, Mn, B, Cu & Mo) are particularly involved in the reproductive phase of plant growth and hence determine the yield and quality of the produce. They also provide resistance (Mn, Zn, Cu & B) against abiotic and biotic stress including pests and diseases. Application of micronutrients will improve cell division, growth, development, reproduction, quality, yield etc.

Micronutrient Mixtures are formulated for soil application, fertigation (Drip application) & foliar application by suitably blending different multi micronutrients. These products are far more efficient than applying individual micronutrient

Benefits of Application of Micronutrient Mixture:

- Micronutrient mixture of a particular state meets the micro nutrient requirement of plants of that state
- Micronutrient mixture helps in uptake of other nutrients
- Micronutrient mixture elucidates excellent response of crops grown even in poor soils
- Micronutrient mixture increases photo synthetic rate resulting in increased growth leading to better yields
- Micronutrient mixture is suitable for application to all soils and all crops

Nutrient content and application details of Micronutrient Mixtures

Products	Boroson	G1	Bhooshakti	General Mix	Microsaan
State	Karnataka	Maharashtra	Andhra Pradesh /Telangana	Tamil Nadu	Rajasthan
Grade No.	II (2)	1	F7	XI	II
Zinc (Zn)	10.0	5.0	6.0	3.0	5.0
Iron (Fe)	5.0	2.0	0.5	1.6	2.0
Manganese (Mn)	2.0	1.0	0.5	0.3	2.0
Boron (B)	0.3	1.0		0.2	0.5
Copper (Cu)		0.5		0.4	0.5
Magnesium (Mg)				4.0	
Molybdenum (Mo)					0.05
Soil Application Field Crops at sowing / transplanting (kg/acre)	10	10	10	10	10
Soil Application Perennial Crops Pre & Post Monsoon (gram/plant)	100-250	100-250	100-250	100-250	100-250

*MgO, ** follow Crop-specific Chart

Packing : 5 & 10 kg Pack