

An ISO 9001:2015 Certified Company

SRUSTI[®]

KNOWING THE PULSE OF A PLANT.



The Farmer's Ultimate choice

Introduction

Green Grow Nutrients Pvt Ltd is established in the year 2013, with the brand name of “SRUSTI” by well competent and proficient members from the Agriculture and Horticulture background.

The main motto of the company is to guide the Farmers in nutrition management by giving proper crop and nutrition schedules. Our vision is to become the best quality nutrients & solutions provider to the farming community.

The farmers have been realizing low marginal profit or negative returns with conventional farming. With introduction of micro irrigation and fertigation in India yield levels of many horticultural and field crops have been increased many folds and the farm income substantially improved. Drip irrigation has saved 40 to 70% irrigation water along with 50 to 100% yield increase from many crops, thus increased water use efficiency and irrigation efficiency up to 90%. Hence micro irrigation and fertigation techniques has been popularized among farmers. Water soluble fertilizers are meant for injection via micro irrigation system because of their higher solubility in water and higher uptake by plants. Fertigation with water soluble fertilizers may reduce the fertilizer dose (25 to 30%), increased fertilizer use efficiency. Most of the specialty water soluble fertilizers are imported and hence becomes costly compared to conventional fertilizers. Hence optimum dose of fertilizers with proper fertigation scheduling have to be advocated to farmers to save money towards fertilizers cost.



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Water soluble fertilizers:

Range of grades adapted to the nutritional requirements of crop in different stages of development for any Fertigation system or foliar application.

- Source of high purity
- High solubility
- Free of chloride and sodium.
- Acid Ph, Low electrical conductivity (EC) and low salt index(IS).
- Balanced concentration of Macronutrients.
- Enriched micronutrients are in chelated form.
- High quality raw materials with the highest concentration of phosphorus and potassium 100% available for crops.
- Phosphorus to boost root growth improving the potential final yield.
- Potassium to increase resistance to water and cold stress and to enhance plant strength.



NPK 19-11-11 +3MgO+TE



Crystalline, fully water soluble NPK fertilizers are specially developed for Fertigation and Foliar application and also enriched with Magnesium and micronutrients which are essential to the plant. Ensure the raw materials we use are very low in chlorides and sodium content. Foliar Application feeds plants with their precise needs during critical growth stages to maximize crop yield and quality.

NPK 19-11-11 +3MgO+TE Composition

Nutrients	Guaranteed (%w/w)
Total Nitrogen	19% min
Water soluble Phosphate (as P ₂ O ₅)	11% min
Water soluble potash (as K ₂ O)	11% min
Magnesium (as MgO)	3% min
Sulphur (as S)	8.5% min
Zinc (Zn) EDTA	0.05% min

NPK 19-11-11 +3MgO+TE Composition

Nutrients	Guaranteed (%w/w)
Iron (Fe) EDTA	0.03%
Magnese (Mn) EDTA	0.03%
Cupper (Cu)	0.02%
Boron (B)	0.01%
Molybdenum (Mo)	0.0035%

Features and Benefits:

- Fully water soluble.
- Made of high quality ingredients.
- Consists of 100% plant nutrients, readily available to the plant.
- Virtually free of chloride, sodium and other detrimental elements
- Provides High Nitrogen Medium P₂O₅, & K₂O along with MgO and small quantities of Micronutrients.

Application & Recommendations

Crops : Fruit crops, Vegetables, Pulses, Cash crops, Sugarcane, plantation crops, Flowers. etc

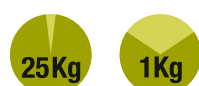
Foliar : Foliar application feeds plants with their precise needs during critical growth stages to maximize crop yields and quality.

Dosage : 5 to 10 Grams per liter of water depending up on crop and stage of the crop.

Fertigation : As per Fertigation schedule based on nutrient requirement of specified crop.

Note : Do not mix with fertilizers containing Calcium and magnesium salts.

Packings : 25Kg & 1Kg



RAPID PULS (NPK 28-28-0+1MgO+TE)



Crystalline, fully water soluble NPK fertilizers are specially developed for Fertigation and Foliar application and also enriched with Magnesium and micronutrients which are essential to the plant. The raw materials which we use are very low in chlorides/sodium content. We also ensure the heavy metal contents like Arsenic, Lead, Chromium, Mercury & Cadmium are less than 1ppm. Foliar Application feeds plants with their precise needs during critical growth stages to maximize crop yield and quality.

RAPID PLUS : 28-28-0 Composition

Nutrients	Guaranteed (%w/w)
Total Nitrogen	28% (min.)
Amide Nitrogen (as NH ₂ -N)	22.2% (min.)
Ammoniacal Nitrogen as (NH ₄ -N)	5.8% (min.)
WS Phosphate (as P ₂ O ₅)	28% (min.)
Magnesium (as MgO)	1% (min.)

Plus essential Micronutrients

Features and Benefits:

- Fully water soluble.
- Made of high quality ingredients.
- Consists of 100% plant nutrients, readily available to the plant.
- Virtually free from chlorides, sodium and other detrimental elements
- Provides High Nitrogen and P₂O₅.

Application & Recommendations:

Crops : Fruit crops, Vegetables, Pulses, Cash crops, Sugarcane, plantation crops Flowers. etc

Foliar : Foliar application feeds plants with their precise needs during critical growth stages to maximize crop yields and quality.

Dosage : 5 to 10 Grams per liter of water depending up on crop and stage of the crop.

Fertigation : As per Fertigation schedule based on nutrient requirement of specified crop.

Note : Do not mix with fertilizers containing Calcium and magnesium salts.

Packings : 25Kg, 10 Kg & 1Kg





SPRINT (NPK 16:08:24)



Srusti Sprint 16:08:24 is a 100% water soluble fertilizer, supply required Nutrients in balanced Proportion Suitable at reproductive Stage of crops. It is specially developed for Fertigation and Foliar application.

Sprint 16:8:24 Composition

Composition	Guaranteed (%w/w)
Total Nitrogen (N)	16 % (Min.)
Nitrate – N (as NO_3)	5.5 % (Max.)
Ammoniacal – N (as NH_4)	7.5 % (Min.)
Ureic – N (as NH_2)	3.0 % (Max.)
Water Soluble Phosphate (as P_2O_5)	8.0 % (Min.)
Water Soluble Potash (as K_2O)	24 % (Min.)
Sodium (as NaCl)	0.25% (Max.)

Features and Benefits:

- Potash formula for fruit growth after fruit setting with Optimum N/P/K ratio .
- Free-flowing, fine crystalline powder which dissolves speedily and completely in water
- Contains nitrogen in different forms needed gradually at different growth stages of crops
- Useful specially for healthy vegetative growth, flower & fruit setting & fruit maturity
- Virtually free from chloride, sodium & other harmful elements for plants

Application & Recommendations:

Crops : Fruit crops, Vegetables, Pulses, Cash crops, Sugarcane, plantation crops Flowers. etc

Foliar : Foliar application feeds plants with their precise needs during critical growth stages to maximize crop yields and quality.

Dosage : 5 to 10 Grams per liter of water depending up on crop and stage of the crop.

Fertigation: As per Fertigation schedule based on nutrient requirement of specified crop.

Note : Do not mix with fertilizers containing Calcium and magnesium salts.

Packings : 25Kg





ULTRA PLUS (NPK 15-8-35-4.5S+0.05%B)



Crystalline, fully water soluble NPK fertilizers are specially developed for Fertigation and Foliar application.

ULTRA PLUS NPKS 15-8-35-4.5 Composition:

Nutrients	Guaranteed Level (%w/w)
Total Nitrogen percent by weight, minimum	15
Water Soluble Phosphorous (as P ₂ O ₅) percent by weight, minimum	8
Water Soluble Potassium (as K ₂ O) percent by weight, minimum	35
Sulphur (as S) percent by weight, minimum	4.5
Moisture percent by weight, maximum	0.5
Total chlorides percent by weight, maximum	1.5
Mater insoluble in water percent by weight, maximum	0.5
sodium as NaCl. Percent by weight, maximum	0.5
Lead as Pb percent by weight, maximum	0.003

Micronutrients: Boron 0.05%

The advantages of Srusti NPKS 15-8-35-4.5 :

- Fully water soluble.
- Made of high quality ingredients.
- Consists of 100% plant nutrients, readily available to the plant.
- Virtually free of chloride, sodium and other detrimental elements for plants.
- Provides balanced, enriched with Boron

Economic importance in crops :

- Helps in Fruit Development
- Contains ideal ratio of nutrients suitable for fruit development and increase of quality
- Correct plant nutrients deficiency during crop growth.

Applications and Recommendation :

Crops : Cereals, Pulses, Oil seed crops, Fruit crops, Vegetables, Sugar crops, Cash crops etc.

Dose : 5-10 gm/lt

Instruction :

High concentration is tend to burn plants. Please turns to agronomist for special concentration advice. Small trial is recommended before regular application and consult expert before use of the product Not compatible with Calcium Nitrate and Metal Sulphates.

Packing : 25Kg, 10Kg & 1Kg





COMBO PLUS (NPK 6-54-17+TE)



Crystalline, fully water soluble NPK fertilizers are specially developed for Fertigation and Foliar application.

COMBO PLUS 6-54-17+TE Composition:

Nutrients	Guaranteed Level (%w/w)
Total Nitrogen percent by weight, minimum	6
Water Soluble Phosphorous (as P ₂ O ₅) percent by weight, minimum	54
Water Soluble Potassium (as K ₂ O) percent by weight, minimum	17
Moisture percent by weight, maximum	0.5
Total chlorides percent by weight, maximum	1.5
Mater insoluble in water percent by weight, maximum	0.5
sodium as NaCl. Percent by weight, maximum	0.5
Lead as Pb percent by weight, maximum	0.003

Micronutrients : Zn-0.1%, Fe 0.05%, Mn-0.03%, Cu-0.02%, B-0,01 and Mo-0.001 in chelated form

The advantages of Srusti NPK 6-54-17+TE :

- Fully water soluble.
- Made of high quality ingredients.
- Consists of 100% plant nutrients, readily available to the plant.
- Virtually free of chloride, sodium and other detrimental elements for plants.
- Provides balanced, enriched with essential micro nutrients

Economic importance in crops :

- Helps in Root and Flower Development of crop
- Contains ideal ratio of nutrients suitable for reproductive stage of crop
- Correct plant nutrients deficiency during crop growth.

Applications and Recommendation :

Crops : Cereals, Pulses, Oil seed crops, Fruit crops, Vegetables, Sugar crops, Cash crops etc.

Dose : Nurseries and sensitive crops 3gm/lit and Main field 5gm/lit

Instruction High concentration is tend to burn plants. Please turns to agronomist for special concentration advice. Small trial is recommended before regular application and consult expert before use of the product Not compatible with Calcium Nitrate and Metal Sulphates.

Packing : 25Kg,10Kg & 1Kg





SWIFT PLUS (NPK 19:19:19)



Crystalline, fully water soluble NPK fertilizers are specially developed for Fertigation and Foliar application

Swift Plus NPK 19:19:19 Composition

Nutrients	Guaranteed (%w/w)
N (NO ₃)	: 4 (min)
N (NH ₄)	: 4.5 (min)
N (NH ₂)	: 10.5(max)
P (WS-P ₂ O ₅)	: 19 (min)
K (as WS K ₂ O)	: 19 (min)

Features and Benefits:

- Fully water soluble.
- Made of high quality ingredients.
- Consists of 100% plant nutrients, readily available to the plant.
- Virtually free of chloride, sodium and other detrimental elements for plants.
- Provides balanced, complete plant nutrition.

Application & Recommendations:

Crops : Fruit crops, Vegetables, Pulses, Cash crops, Sugarcane, plantation crops, Flowers. etc

Foliar : Foliar application feeds plants with their precise needs during critical growth stages to maximize crop yields and quality.

Dosage : 5 to 10 Grams per liter of water depending up on crop and stage of the crop.

Fertigation: As per Fertigation schedule based on nutrient requirement of specified crop.

Note : Do not mix with fertilizers containing Calcium and magnesium salts.

Packings : 25 Kg, 10Kg & 1Kg





FAST TRACK NPK 20:20:20



Crystalline, fully water soluble NPK fertilizers are specially developed for Fertigation and Foliar application

Surusti 20-20-20 Composition

Nutrients	Guaranteed (%w/w)	
Total Nitrogen (N)	20%	(Min.)
-N (NO ₃)	4.9%	(Max.)
-N (NH ₄)	3%	(Min.)
-N (NH ₂)	12.1%	(Max.)
Phosphorous (as P ₂ O ₅ 100%ws)	20%	(Min.)
Potash (as K ₂ O 100%ws)	20%	(Min.)

Features and Benefits:

- Fully water soluble.
- It made of high quality ingredients.
- It Consists of 100% plant nutrients, readily available to the plant.
- It Virtually free of chloride, sodium and other detrimental elements for plants.
- It Provides balanced, complete plant nutrition.

Application and Recommendation:

Crops : Fruit crops, Vegetables, Pulses, Cash crops, Sugarcane, plantation crops, Flowers. etc

Foliar : Foliar application feeds plants with their precise needs during critical growth stages to maximize crop yields and quality.

Dosage : 5 to 10 Grams per liter of water depending up on crop and stage of the crop.

Fertigation : As per Fertigation schedule based on nutrient requirement of specified crop.

Note : Do not mix with fertilizers containing Calcium and magnesium salts.

Packings : 25Kg, 10Kg & 1Kg





EMPIRE - NPK 13:40:13



Srusti NPK13:40:13 is 100% water soluble fertilizer containing all the three major plant nutrients viz., Nitrogen, Phosphorus and Potash.

EMPIRE - NPK 13:40:13 Composition

Nutrients	Guaranteed (%w/w)
Nitrogen (N)	13% (Min.)
N as NH ₄ -	8.6% (Min.)
N as NO ₃ -	4.4% (Max.)
P as P ₂ O ₅ (100%WS)	40% (Min.)
K as K ₂ O (100%WS)	13% (Min.)

Features and Benefits:

- Free-flowing, fine crystalline powder which dissolves speedily and completely in water.
- Supply required macro (N.P.K.) together in optimum dose to crop along with high phosphorous (P) content.
- Contains nitrogen (N) in different forms needed gradually at different growth stages of crops and is useful for healthy vegetative growth of plants.
- Also contains phosphorous (P) and potash (K) in 100% soluble form and is useful for healthy root development, & flowering of plants
- Virtually free from chloride sodium and other harmful elements for plants.

Application and Recommendation:

- Crops** : Fruit crops, Cereals and Forages, Vegetables, Cash crops, Sugarcane Flowers, Ornamentals. etc
- Foliar** : Small amount, at the right time, goes a long way in boosting yield
- Dosage** : 5 grams Per liter of water depending up on crop and stage of the crop.
- Fertigation** : As per Fertigation schedule based on nutrient requirement of specified crop.
- Packings** : 25Kg, 10Kg & 1Kg



ENHANCE (NPK 0-37-37 +TE)



Srusti Enhance is fully Water-Soluble Mixture of fertilizer including secondary nutrients and micronutrients in traces

Specially designed to supply the nutrients for flower & bloom growth, increases size and yield of the produce.

ENHANCE (NPK 0-37-37 +TE) Composition

Composition	Guaranteed Level (%w/w)
Water Soluble Phosphate (as P_2O_5)	37
Water Soluble Potash (as K_2O)	37
Sulphur (as S)	4.9
Magnesium (as MgO)	0.45
Zn EDTA	0.1
Fe EDTA	0.05
Mn EDTA	0.03
Cu EDTA	0.02
Boron	0.01
Molybdenum	0.001

Features & Benefits

- Helps in higher number of productive branches and increased size of the economic part.
- Improves the Fruit set and Fruit Development
- Promotes the establishment of Healthy Root system.
- Increase the Keeping quality of the produces.
- Resistant to Pest and Diseases

Applications and Recommendation :

Crops: Fruits Crops, Vegetables, Pulses, Cash Crops, Sugarcane, Plantation & Flowering crops

Foliar: Foliar Application feeds plants with their precise needs during their Critical growth stages to maximize crop yield & quality

Dosage: 5-10 gram per liter of water depending upon crop & stage of crop

Fertigation: As per fertigation schedule based on nutrients requirements of specific crop

Note: Don't not mix with fertilizers containing Calcium and Magnesium salts

Packing : 25 kg



ENSURE (NPK 15-15-30+ TE)



Srusti Ensure is a fully Water-Soluble Mixture of Fertilizers composed of high quality & chloride free ingredients which are quickly absorbed by the plants.

Specially designed to nourish the plants during its critical growth stages, its balanced formula of Phosphorus and Potash helps in boost Flowering & ensuring robust growth and vibrant blooms.

ENSURE (NPK 15-15-30+TE) Composition

Composition	Guaranteed Level (%w/w)
Total Nitrogen Min	15
Water Soluble Phosphate (as P_2O_5)	15
Water Soluble Potash (as K_2O)30	30
Fe EDTA	0.05
Mn EDTA	0.03
Zn EDTA	0.05
Cu EDTA	0.01
Boron	0.025
Mo EDTA	0.005

Features & Benefits

- Provides ideal ratios of NPK nutrients at Reproductive stage of the crop.
- Improves the Fruit set and Fruit Development
- Promotes the establishment of Healthy Root system.
- Increase the Keeping quality of the produces.
- Resistant to Pest and Diseases

Applications and Recommendation :

Crops: Fruits Crops, Vegetables, Pulses, Cash Crops, Sugarcane, Plantation & Flowering crops

Foliar: Foliar Application feeds plants with their precise needs during their Critical growth stages to maximize crop yield & quality

Dosage: 5-10 gram per liter of water depending upon crop & stage of crop

Fertigation: As per fertigation schedule based on nutrients requirements of specific crop

Note: Don't not mix with fertilizers containing Calcium and Magnesium salts

Packing : 25 kg



HONOR–Mono-Ammonium Phosphate (12-61-0)



Fully water soluble Fertilizer containing Nitrogen and Phosphates. low Ph (4-4.5) and free from chloride, sodium and other detrimental elements for plants. Srusti MAP is helpful in providing immediate Phosphorus (P) to the crops whenever demand for Phosphates.

Honor - MAP 12:61:00 Composition

Nutrients	Guaranteed (%w/w)
Ammoniacal Nitrogen	12% (min.)
WS Phosphat (as P ₂ O ₅)	61% (min.)

Features and Benefits:

- Fully water-soluble fertilizer, a highly efficient source of phosphorus and nitrogen for plants.
- It is recommended for use at the beginning growth stage of the crop, because phosphorus availability is crucial for the establishment of root system.
- It can supply high quality source of phosphorus during crop growth cycle. Its high purity and water-solubility make 100% utilization of nutrients.
- Ideal fertilizer for Fertigation and foliar application. MAP is suitable for preparation of fertilizer blends and production of liquid fertilizers.

Application and Recommendation:

- Crops** : Fruit crops, Field Crops, Vegetables, Cash crops, Sugarcane, plantation crops, Flowers. etc.
- Foliar** : Srusti MAP is effective in supplying phosphorus whenever quick response to deficient plants are required.
- Dosage** : 5 to 10 Grams per liter of Water depending up on crop and stage of the crop.
- Fertigation** : As per Fertigation schedule based on nutrient requirement of specified crop.
- Note** : Do not mix with fertilizers containing Calcium and magnesium fertilizers.
- Packing** : 25Kg, 10Kg & 1Kg.



RAISE - POTASSIUM NITRATE (KNO_3) 13:0:45



Srusti RAISE Potassium nitrate is a source of potassium and nitrogen, two macro nutrients essential for plant nutrition and growth. Since healthy growth requires large amounts of nitrogen and potassium, those elements have to be applied to the soil in order to achieve healthy growth.

RAISE - 13:0:45 Composition

Nutrient	Guaranteed (%w/w)
Nitrogen (as NO_3)	13% (Min.)
WS Potash (as K_2O)	45% (Min.)

Features and Benefits:

- Free-flowing, fine crystalline powder which dissolves speedily and completely in water.
- Compatible with all water-soluble fertilizers and also majority of pesticides in foliar application.
- Useful for excellent fruit setting & fruit development.
- Low n/k ratio therefore suitable for all crops and all growing stages in crop.
- Virtually free from chloride, sodium & other harmful elements for plants.

Application and Recommendation:

Crops : Fruit crops, Field Crops, Vegetables, Cash crops, Sugarcane, plantation crops, Flowers, Hydroponics. etc.

Foliar : Small amount, at the right time, goes a long way in boosting yield.

Dosage : 5 to 10 Grams Per liter of water depending up on crop and stage of the crop.

Fertigation : As per Fertigation schedule based on nutrient requirement of specified crop.

Packings : 25Kg, 10Kg & 1Kg





EXCCED MONO POTASSIUM PHOSPHATE (MKP)-00:52:34



Srusti MKP is a fully water soluble fertilizer, highly efficient source of phosphorus and potassium for plants. where nitrogen fertilization should be limited.

It is preferred source of P & K fertilizers at early stage for establishment of root system and also at the reproductive stages of crops growth as it helps to induce flowering. Its high purity and water-solubility make MKP an ideal fertilizer for fertigation and for foliar application. When applied as foliar spray, Srusti MKP acts as a suppressor of powdery mildew.

Srusti Exceed MKP Composition

Nutrients	Guaranteed (%w/w)
WS Phosphate (as P_2O_5)	52% (Min.)
WS Potash (as K_2O)	34% (Min.)

Features and Benefits:

- Free-flowing, fine crystalline powder which dissolves speedily and completely in water.
- Best suited for excellent flowering and fruit setting / fruit development.
- promotes the establishment of healthy root system and at reproductive stage induces the flowering.
- Foliar application has significant controlling effects on fungal diseases and also Compatible with majority of pesticides.
- Source for P and K elements, allow free selection of desired Nitrogen source at crop stages when Nitrogen is required.
- Virtually free from Chloride, Sodium and other harmful elements for plants and Low EC and salt index.
- is compatible with most commonly used pesticides, Fungicides and fertilizers.

Application and Recommendation:

- Crops** : Fruit crops, Field Crops, Vegetables, Cash crops, Sugarcane, plantation crops, Flowers. etc.
- Foliar** : Srusti MAP is effective in supplying phosphorus whenever quick response to deficient plants are required.
- Dosage** : 5 to 10 Grams per liter of Water depending up on crop and stage of the crop.
- Fertigation** : As per Fertigation schedule based on nutrient requirement of specified crop.
- Note** : Do not mix with fertilizers containing Calcium and magnesium fertilizers.
- Packing** : 25Kg, 10Kg & 1Kg.





FRUTEX - POTASSIUM MAGNESIUM SULPHATE

N:P:K Mg S (00:00:22:18:20)



Srusti Fruitex is fully water soluble fertilizer, it helps in fulfilling the requirement of Potash, magnesium and sulphur in plants. It is used for quality improvement and helps to increase production in all crops.

Srusti KMS Composition:

Nutrients	Guaranteed (% W/W)
Water soluble Potassium (as K ₂ O)	22.0 Min.
Magnesium (as MgO)	18.00 Min.
Sulphate Sulphur (as S)	20.00 Min.
Total Chloride (as Cl)	2.5
Sodium (as NaCl)	2.0

Features and Benefits

- Helps in production of chlorophyll in plants and activate the enzymes needed for growth and development.
- Potassium improves the uptake of sulphate by the plant roots.
- Magnesium enhances formation of enzymes and improves absorption of phosphate.
- It improves yield and quality of crop & it is essential for fruit development.
- Virtually free from chloride, Sodium and other harmful elements for plants.

Application and Recommendation

Crops : Fruit crops, Cereals and Vegetables, Cash Crops, Floriculture, Ornamentals etc

Foliar : Foliar application feeds the plant with precise needs during the critical growth stage to maximize the crop yield and quality.

Fertigation : As per the Fertigation Schedule based on nutrient requirement of specific crop.

Dosage : 5-10 Gram per liter of water depending up on the crop and stage of the crop

Note : Do not mix with fertilizers containing Calcium and magnesium fertilizers.

Packing : 25 kg & 10 kg.



FOSTER - CALCIUM NITRATE (CN)



Srusti FOSTER Calcium Nitrate - Solution Grade is fully water soluble granular fertilizer, a highly efficient source of available Calcium and Nitrogen for plants. Calcium is “quality nutrient” that enhances yield, Calcium is immobile in the plant, it has to be maintained adequate levels in plant tissues and to ensure proper development.

FOSTER - Calcium Nitrate Composition

Nutrients	Guaranteed (%w/w)
Total Nitrogen (as N)	15.5 % (min.)
Nitrate Nitrogen (as NO ₃)	14.4% (max.)
Ammonical Nitrogen (as NH ₄)	1.1% (max.)
Water Soluble Calcium (as Ca)	18.8 % (min.)
Water Soluble Calcium (as CaO)	26.0% (min.)
Water Insoluble	300 (max.)
Moisture Content	1. 5% (max.)

Features and Benefits :

- It is dense granular fertilizer which dissolves quickly and completely in water.
- Improves cell wall leading to better quality, shelf life of marketable produce.
- Helps plants for tolerance to diseases and insect infection due to cell strength It prevents cracking, rotting of fruit and vegetables.
- Contains Nitrogen in Nitrate form, a preferred source for most of fruits and field crops.
- Being highly soluble provides rapidly available calcium along with Nitrogen.

Application and Recommendation:

- Crops** : Fruit crops, Cereals and Forages, Vegetables, Cash crops, Sugarcane, Flowers, Ornamentals. etc
- Foliar** : Small amount, at the right time, goes a long way in boosting yield
- Dosage** : 5 grams Per liter of water depending up on crop and stage of the crop.
- Fertigation** : As per Fertigation schedule based on nutrient requirement of specified crop.
- Compatibility** : Calcium Nitrate do not mix with Phosphate and sulphate containing fertilizers.
- Packings** : 25Kg & 1kg





CALCIUM NITRATE WITH BORON



Srusti Calcium Nitrate with Boron is an excellent & unique source for calcium and Boron nutrients to prevent deficiency and maintenance fertilization program. Amongst all the nutrients required by the plant B and Ca directly influence on crop yield and quality.

Srusti Calcium Nitrate with Boron Composition

Nutrients	Guaranteed (%w/w)
Total Nitrogen	14.60% (Min.)
Ammonical Nitrogen	1.1% (Max.)
Nitrate Nitrogen (as N)	1.1% (Min.)
Water soluble calcium	17.1% (Min.)
Boron (as B)	0.25-0.3%

Features and Benefits:

- Dense granular fertilizer which dissolves quickly and completely in water.
- Improved quality and firmness through improved cell strength and structure.
- Improves cell wall leading to better quality, shelf life of marketable produce.
- Helps plants for tolerance to diseases and insect infection due to cell strength.
- It prevents cracking, rotting of fruit and vegetables.
- Contains Nitrogen in Nitrate form, a preferred source for most of fruits and field crops.
- Being highly soluble provides rapidly available Calcium and Boron along with Nitrogen. Virtually free from chloride, sodium and other harmful elements for plants.

Application and Recommendation:

- Crops** : Fruit crops, Field Crops, Vegetables, Cash crops, Sugarcane, Plantation crops, Flowers. etc.
- Foliar** : Srusti MAP is effective in supplying phosphorus whenever quick response to deficient plants are required.
- Dosage** : 5 to 10 Grams per liter of Water depending up on crop and stage of the crop.
- Fertigation** : As per Fertigation schedule based on nutrient requirement of specified crop.
- Compatibility** : Calcium Nitrate with Boron do not mix with Phosphate and sulphate containing fertilizers.
- Packing** : 25Kg, 10Kg & 1Kg.



POPULAR (WS-SOP) - K_2SO_4 – 00:00:50



Srusti Popular SOP is the most popular chloride free fertilizer containing essential nutrients Potassium and Sulphur in high concentration. It is used to apply chloride sensitive crops for meeting of Potash requirement. It is ideally suited for Fertigation and Foliar application.

Srusti Popular SOP Composition

Nutrients	Guaranteed level (%w/w)
Potash Content (as K_2O)	50% min
Sulphur (as S)	17.5% min
Total Chlorides (as Cl)	1.0% max
Sodium (as NaCl)	1.0% max
Moisture Content	0.5% max

Features and Benefits:

- Fertigation with Srusti SOP improves the uptake of potassium and Sulphate by the plant roots.
- Foliar feeding with Srusti SOP results in higher and better quality of yields. fine powder which is fully soluble in water
- Popular SOP Can be applied in combination with N, NP and PK fertilizers according to crop needs
- Popular SOP Contains Sulphur which helps to improve shelf life of fruits besides Improves sugar content
- Popular SOP Useful for fruit quality, bumper fruit weight, fruit color, shining etc.

Application and Recommendation:

- Crops** : Fruit crops, Field Crops, Vegetables, Cash crops, Sugarcane, Flower crops, Ornamentals, Hydroponics.etc
- Foliar** : Small amount, at the right time, goes a long way in boosting yield
- Dosage** : 5 to 10 Grams Per liter of water depending up on crop and stage of the crop.
- Fertigation** : As per Fertigation schedule based on nutrient requirement of specified crop.
- Compatibility** : Srusti SOP is compatible with most water-soluble fertilizers, except for fertilizers containing calcium (Ca^{++}) & Magnesium (Mg^{++}).
- Packings** : 25Kg & 1Kg





WONDER POTASSIUM SCHOENITE



SRUSTI Potassium Schoenite supplies two vital plant nutrients potassium as K_2O - 23% and magnesium as MgO -11%. It is a homogeneous, crystalline powder. Widely used on sensitive vegetable and fruit crops that requires high Potash and Magnesium but do not tolerate high levels of Sodium and chloride or soluble salts. Often used as a source of potassium and Magnesium in high-quality.

Srusti Potassium Schoenite Composition

Nutrients	Guaranteed (%w/w)
Potash (as K_2O)	23% (Min.)
Magnesium (as MgO)	11% (Min.)
Sulphur (as S)	23% (Max.)

Features and Benefits:

- Free-flowing, crystalline powder which dissolves speedily and completely in water
- Water-soluble fertilizer containing Potassium, Magnesium.
- Maintain vital green pigment necessary for sugar manufacturing in plants.
- Improves the yield and quality of fruit crops
- Virtually free from chloride, sodium and other harmful elements for plants

Application & Recommendations:

- Crops** : Fruit crops, Vegetables, Pulses, Cash crops, Sugarcane, plantation crops, Flowers. etc
- Foliar** : Foliar application feeds plants with their precise needs during critical growth stages to maximize crop yields and quality.
- Dosage** : 5 to 10 Grams per liter of water depending up on crop and stage of the crop.
- Fertigation** : As per Fertigation schedule based on nutrient requirement of specified crop.
- Note** : Do not mix with fertilizers containing Calcium salts.
- Packings** : 25Kg, 10Kg & 1Kg





MAG-SUL (MAGNESIUM SULPHATE HEPTAHYDRATE)



We supply Magnesium sulphate Heptahydrate $\text{MgSO}_4 \cdot 7\text{H}_2\text{O}$ that is chemical compound containing magnesium & sulphur in soluble form.

Srusti MAG-SUL composition

Nutrients	Guaranteed Level (%w/w)
Purity as Magnesium Sulphate as $\text{MgSO}_4 \cdot 7\text{H}_2\text{O}$	99.50 min (w/w)
Magnesium as Mg	9.60 min (w/w)
Magnesium Oxide as MgO	16.00 min (w/w)
Sulphur as S	12.50 min (w/w)
Iron as Fe	3 – 7 ppm (w/w)
Arsenic as As	< 1 ppm (w/w)
Lead as Pb	< 1 ppm (w/w)
Matter insoluble in water	Nil (w/w)
Acidity & Alkalinity	6-7 neutral (w/w)
Chloride as Cl	30 – 80 ppm (w/w)
Cadmium as Cd	< 1 ppm (w/w)

Features and Benefits :

- Srusti MAG-SUL the magnesium sulphate heptahydrate is largely used in agriculture as a secondary nutrient for giving chlorophyll effect to the plant.
- Srusti MAG-SUL which improves chlorophyll content and photosynthesis of plants.
- Srusti MAG-SUL which activates many enzymes needed for growth and development.

Application and Recommendation :

- Crops** : Fruit crops, Cereals and Forages, Vegetables, Cash crops, Sugarcane Flowers, Ornamentals. etc.
- Foliar** : Small amount, at the right time, goes a long way in boosting yield.
- Dosage** : 5 grams Per liter of water depending up on crop and stage of the crop.
- Soil Application** : 25 to 50kg per Acre.
- Packings** : 25Kg, 10Kg & 1Kg





Liquid Fertilizers

CaTS and KTS are high performance liquid fertilizers imported from Belgium for more precise plant nutrition to optimize crop yield and quality substantially.

CaTs (Calcium Thiosulphate (CaS_2O_3) (10S-6Ca)



Specifications

Total calcium (as Ca) (w/w)	6 % min
Sulphur (as S) (w/w)	10 % min
Density (at 25°C)	1.22-1.26
Lead (as Pb) (w/w)	0.001 % max
Arsenic (as) (w/w)	0.001 % max

Features and Benefits:

- It brings key nutrients (Ca & S) which are essential to plant growth.
- Delivers 100% readily available calcium and sulfur.
- Boosts crop growth, Flowering, Fruit set and shelf life of produce.
- Liquid fertilizer without nitrogen or chloride.
- Enhances root growth.
- It contains low salt index.
- It can reduce salinity of soil at the root zone & leaches out harmful salts.
- It gives more tolerance to pest and diseases.

Application and Recommendation:

Suitable Crops : Fruit Crops, Vegetables, Pulses, Cash Crops, Sugarcane, Plantation & Flower Crops etc

Dosage : 10 Litre per acre/application for Fruit crops and Plantation crops

5 Litre per acre/application for Vegetables, Cereals, Pulses, Cash Crops and Sugar crops

Dosage may vary depending upon crop type and crop stage.

Method of application : Fertigation/ Drenching.

Note : Do not mix with any fertilizers. Give separately.

Packings : 1L, 5 L, 10 L, 20 L.



KTS (Potassium Thiosulphate ($K_2S_2O_3$) (25 K2O-17 S)



Specifications

Water Soluble Potassium (as K_2O) (w/w)	25% min
Sulphur (as S) (w/w)	17% min
pH range	6.8 - 8.5
Density range (at 25°C)	1.45 - 1.49
Lead (as Pb) (w/w)	0.001 % max
Arsenic (as) (w/w)	0.001 % max

Features and Benefits:

- Boosts crop quality: improves consistency, protein content, crop colour, sweetness and shelf life.
- High potassium delivers efficiency to ensure better crop yield.
- Liquid potassium and sulfur fertilizer without either nitrogen or chloride.
- It contains low salt index.
- It gives more tolerance to pest and diseases.
- It improves the uptake of soil nutrients.

Application and Recommendation:

Suitable Crops : Fruit Crops, Vegetables, Pulses, Cash Crops, Sugarcane, Plantation & Flower Crops etc

Dosage : 10 Litre per acre/application for Fruit crops and Plantation crops
5 Litre per acre/application for Vegetables, Cereals, Pulses, Cash Crops and Sugar crops
Dosage may vary depending upon crop type and crop stage

Method of application : Fertigation/ Drenching

Note : Do not mix with any fertilizers. Give separately.

Packings : 1L, 5L, 10L & 20L.





FERTI PHOS - (NPK 10:34:0 Liquid)



Ferti Phos (Ammonium Poly-Phosphate) is a highly soluble, mobile and concentrated liquid a fertilizer containing readily available ammonium nitrogen along with high phosphorous as polyphosphate molecule Produced in Australia by Spray Gro. Balanced Nitrogen & Phosphorus fertilizer ideal for crop establishment, N and P helps in growth phase of the crops & post-harvest treatment.

Ferti Phos (NPK 10:34:0 Liquid) Composition

Composition	Guaranteed Level (%w/w)
Total Nitrogen %	10
Total Phosphorous (as P_2O_5)	34
Polyphosphate (as P_2O_5)	22
Specific Gravity (at 27°)	1.2 to 1.6
PH (5%) solution	5.8 to 6.2

Features & Benefits

- High analysis liquid starter, in crop and post-harvest fertilizer.
- Enhanced availability of N and P through improved root development.
- High efficiency of phosphorus delivery into the root system.
- Builds up available soil phosphorus pool.
- A polymer that slowly release phosphorus to avoid its reaction with soil calcium.
- Increased growth through chlorophyll synthesis and photosynthesis of plants.
- Can be applied as Foliar or fertigation on a wide range of crops.

Applications and Recommendation :

Crops: Fruits Crops, Vegetables, Pulses, Cash Crops, Sugarcane, Plantation & Flowering crops

Foliar: Foliar Application feeds plants with their precise needs during their Critical growth stages to maximize crop yield & quality

Dosage: 2 to 4 ml per liter of water depending upon crop & stage of crop

Fertigation: As per fertigation schedule based on nutrients requirements of specific crop

Note: Don't not mix with acid or highly acidic fertilizers, don't mix with calcium & other copper-based fertilizers for better performance.

Packing : 1 lt, 5 lt





Micronutrients:

SRUSTI presents specialty range of Imported Chelated Micronutrients in high quality with desire yield and more efficacy towards prevention of Micro Nutrient Deficiencies in various crops at various stages of the crop life cycle.

Srusti chelates guarantee proper absorption and assimilation of micronutrients by crops, thus avoiding possible precipitation or forming of insoluble products that could decrease their effectiveness.

Protection of the element from interactions with other charges from soil or water.

Maximum level of chelation

Micronutrients concentration guaranteed

Easily assimilate by the plants

Greater versatility in application and compatibility

Greater efficiency and maximum security

No problem of phytotoxicity, nor burns or damage

Optimum stability in wide range of pH

Rapid without forming lumps or sediments.

S - ZINC (Zn - EDTA - 12%)



S-ZINC is a special organic compound in which Zinc ions remains bound or clawed (Ligand). This prevents the conversion of Zinc ion into insoluble compounds when it comes in contact with other compounds in soil or in the plant. Zinc is an important nutrient for plant growth. Zinc deficiency result in interveinal chlorosis, retarded growth and low quality crop. Therefore, Zinc EDTA widely used in agriculture as Zinc fertilizer to supply Zinc ion to the plants.

Features and Benefits:

- It is at least three times more effective than Zinc Sulphate in as far as uptake is concerned.
- Easily translocated within the plants, because unlike Zinc Sulphate it is partly systemic. Because of its organic structure chelates are readily absorbed by roots and easily assimilated within the plant system. Example: Zinc Sulphate, Zinc may accumulate in the soil when reacting with phosphate in the soil or in the plant. Chelated Zinc therefore does not get locked in the soil.
- Can be easily combined with N-P-K foliar spraying or any other micro-nutrient without forming any insoluble precipitate.
- Can easily apply through drip irrigation along with other water soluble fertilizers.
- It is also compatible with other agrochemicals.

Chemical composition:

Zinc (as Zn in the form Zn-EDTA), % by w/w min.: 12.0, PH-6.0 to 6.5

Application and Recommendations:

- Crops** : Field crops, Fruit crops, Cotton, Sugarcane, Hydroponics Application rate vary from crop, soil and method of cultivation.
- Foliar Application** : Dissolve 100 g of S-ZINC in 100 -150 litres of water and spray over one acre of standing crop.
- Fertigation** : 500 g per acre can mix with any water soluble fertiliser for its application.
- Soil application** : Mix 500g of S-ZINC with 10kg. carrier material or any fertilizer and apply uniformly per one acre.

Packings : 1Kg, 500gm, 250gm and 100gm

DEFICIENCIES IN DIFFERENT CROPS



S-IRON (Fe-EDTA - 12%)



S-IRON is a special organic compound in which Iron ions remain bound or clawed (Ligand). This prevents the conversion of Iron ion into insoluble compounds when it comes in contact with other compounds in soil or in the plant. Iron is an important nutrient for plant growth. Iron deficiency results in chlorosis and low quality crop. Therefore, Fe EDTA is widely used in agriculture as Iron fertilizer to supply Iron ion to the plants.

Features and Benefits:

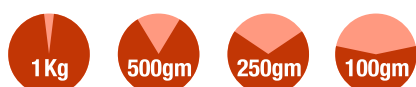
- It is at least three times more effective than Ferrous Sulphate in as far as uptake is concerned.
- Easily translocated within the plants, because unlike Ferrous Sulphate it is partly systemic. Because of its organic structure chelates are readily absorbed by roots and easily assimilated within the plant system.
- Can be easily combined with N-P-K foliar spraying or any other micro-nutrient without forming any insoluble precipitate.
- Can easily apply through drip irrigation along with other water soluble fertilizers.
- It is also compatible with other agrochemicals.

Chemical composition:

Iron (as Fe in the form Fe-EDTA), % by w/w min.: 12.0. PH: 5.5 to 6.5.

Application and Recommendations:

- Crops** : Field crops, Fruit crops, Cotton, Sugarcane, Hydroponics Application rate vary from crop, soil and method of cultivation.
- Foliar Application** : Dissolve 100g of S-IRON in 150-200 litres of water and spray over one acre of standing crop.
- Fertigation** : 500 g per acre and can mix with any water soluble fertiliser for its application.
- Soil application** : Mix 500g of S-IRON with 10 kg carrier material or any fertilizer and apply uniformly in one acre.
- Packings** : 1Kg, 500gm, 250gm and 100gm



DEFICIENCIES IN DIFFERENT CROPS



S-CAL (Ca-EDTA -10%)



S-CAL is a special organic compound in which Calcium ions remains bound or clawed (Ligand). This prevents the conversion of Calcium ion into insoluble compounds when it comes in contact with other compounds in soil or in the plant. Calcium is “quality nutrient” that enhances yield quality and prolong shelf life of the yield. Calcium is immobile in the plant; it has to be throughout growth season to maintain adequate levels in plant tissues and to ensure proper development. Calcium is a critical for the strength and integrity of cell walls. Hence, it plays an important role in cell division and growth development, protects cells from toxins and retards the ageing process.

Chemical Composition:

Calcium (as Ca in the form of Ca-EDTA),% by w/w min.:10.0.

Features and Benefits:

- Chelated Calcium fertilizer which dissolves quickly and completely in water Because of its organic structure chelates are readily absorbed by roots and easily assimilated within the plant system.
- Improves cell wall leading to better quality, shelf life of marketable produce.
- Helps plants for tolerance to diseases and insect infection due to cell strength. It prevents cracking, rotting of fruit and vegetables.
- Can be easily combined with N-P-K foliar spraying or any other micro-nutrient without forming any insoluble precipitate.
- Can easily apply through drip irrigation along with other water soluble fertilizers.
- Is also compatible with other agrochemicals.

Application and Recommendations:

- Crops** : Field crops, Fruit crops, Cotton, Sugarcane, Hydroponics Application rate vary from crop, soil and method of cultivation.
- Foliar Application** : Dissolve 100 g of S-CAL in 150-200 litres of water and spray over one acre of standing crop.
- Fertigation** : 500g per acre can mix with any water soluble fertiliser for its application.
- Packings** : 1Kg & 250gm



S - Manganese (Mn-EDTA)



S-Manganese is a special organic compound in which Manganese (Mn) ions remains bound or clawed (Ligand). This prevents the conversion of Mn ion into insoluble compounds when it comes in contact with other compounds in soil or in the plant.

Manganese (Mn) is an important plant micronutrient and is required by plants in the second greatest quantity compared to iron. Like any other element, it can have a limiting factor on plant growth if it is deficient or toxic in plant tissue.

Function: Manganese is used in plants as a major contributor to various biological systems including photosynthesis, respiration, and nitrogen assimilation. Manganese is also involved in pollen germination, pollen tube growth, root cell elongation and resistance to root pathogens.

Chemical Composition:

Manganese (as Mn in the form of Mn-EDTA), % by weight min. 13.0, P^H:6.0- 6.5

Application and Recommendations:

Crops: Filled crops, Fruit crops, vegetables, Cotton, Sugarcane, etc

Foliar Application:

Dissolve 100gms of S- Manganese in 100 Lts of Water and spray over one acre of standing crop.

Fertigation:

500gms per acre through irrigation water along with any Water soluble fertilizers.

Soil application:

500gms of S-Manganese mix in any carrier material or any other fertilizers and apply for one acre.

S-BOR (Di-Sodium Octa Borate Tetra Hydrat) 20%B



Boron is one of the important essential micronutrients. It has the following functions and effects on plants:

Features and Benefits:

- S-Bor plays an important role in the pollination process of plants.
- S-Bor has an effect on the metabolism of plants (energy processes of phosphorylation and dephosphorylation).
- S-Bor is closely related to the activity of meristems, i.e. a plant tissue actively dividing cells forming new tissue.
- S-Bor under Boron deficiency the activity and integrity of the outer membrane of the cytoplasm of root cells is altered in such a way that the absorption of phosphorus, chloride and rubidium is reduced.
- S-Bor adequate Boron supply is essential for proper nucleic acid metabolism and also influences the incorporation of phosphorus into RNA and DNA.
- S-Bor application can increase frost resistance in plants such as fruit trees and vines etc.

Application and Recommendations Fertilization:

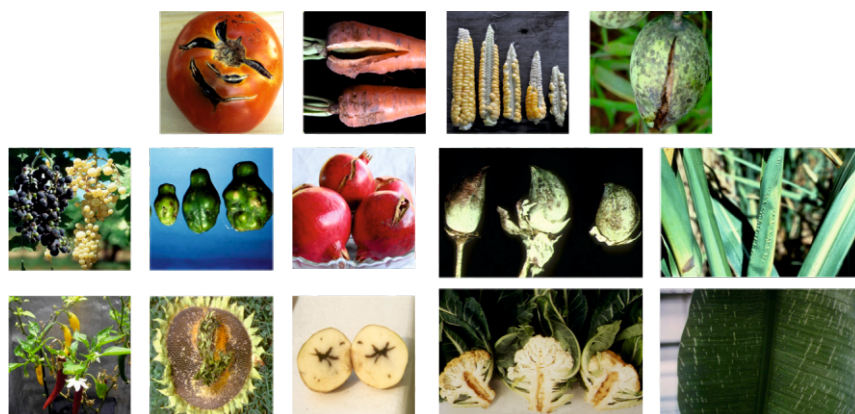
Crops : Field crops, Fruit crops, Cotton, Sugarcane, Hydroponics Application rate vary from crop, soil and method of cultivation.

Foliar : Apply 0.1% before Fruitset.

Packings : 5Kg, 1Kg, 500gm & 250gm



BORON DEFICIENCIES IN DIFFERENT CROPS



S - Molybdenum



Molybdenum (Mo) is a trace nutrient or micro nutrient, meaning that is necessary in plant nutrition, but only in small amount.

Mo plays a primary role in two ways, both of which are essential for a plant to function properly: forming and enzyme which enables plant to use nitrate from the soil and forming an enzyme enables certain plants use nitrogen from the atmosphere (Nitrogen fixation). Nitrogen is necessary plant to grow and Mo helps plant to use nitrogen for compounds such as amino acids, proteins and chlorophyll, making the plant healthy and well fed. Without Mo plant can not perform the biochemical process of making essential nitrogen compounds.

Chemical Composition :

Molybdenum as (Mo,) % by weight: 52%min.

Recommendations :

Crops: Field crops, Fruit crops, vegetables, Cotton, Sugarcane etc

Application :

dissolve 25gms of S-Molybdenum in 100lts of water and spry for one acre standing crop uniformly.



ELEGANT (Fe-EDDHA 6%)



Srusti Fe-EDDHA (Ethylene di-amino-N, N'-bis(2-hydroxy-phenyl)acetic acid) is an Iron chelating Agent with a very fast Iron releasing capacity, it is a very effective micronutrient for treating Iron deficiency in plants. Fe-EDDHA is stable under wide range of pH making it suitable for most soils

How Does a Chelate Work?

Iron chelation is so important because it makes Iron ions more available for uptake by plants. Positively charged Fe^{+2} , readily react with negatively charged hydroxide ions (OH^-), making them unavailable to plants. OH^- ions are abundant in alkaline or neutral soils and soil-less medias. The ligand coats the Iron ion, protecting it from the surrounding OH^- ions. The complex is then easily taken up by the plant, where it is degraded and consumed as micronutrient.

Features and Benefits:

- Easily translocated within the plants,
- Because of its organic structure chelates are readily absorbed by roots and easily assimilated within the plant system.
- Can be easily combined with N-P-K foliar spraying or any other micro-nutrient without forming any insoluble precipitate.
- Can easily apply through drip irrigation along with other water soluble fertilizers.
- It is stable up to pH 9.0.

Content : Iron content (Expressed as Fe), percent by weight minimum in the form of Fe-EDDHA :6.0

Application and Recommendations:

- | | |
|-------------------------|--|
| Crops | : Fruit crops, Onions, Floriculture, Tobacco, Hydroponics etc. |
| Foliar | : 0.5 to 1gm per lit of water. |
| Fertigation | : 500gms per acre along with any Water Soluble Fertilizers |
| Soil Application | : 500gms per acre can mix any carrier material or any fertilizers. |

Microsure



Microsure consist essential micronutrients viz: Zn, Fe, Mn and B. Three Micronutrients i.e. Zn, Fe, and Mn are in Chelated form and Boron is in Complex form. All these micronutrients play a vital role in plant metabolic functions.

Composition of Microsure

Nutrients	Guaranteed Level (%w/w)
Zn as EDTA	3.5% (Min.)
Fe as EDTA	2.5% (Min.)
Mn as EDTA	1.5% (Min.)
Cu as EDTA	1.3% (Min.)
B as Complex	1.0% (Min.)
Mo as Complex	0.1% (Min.)

Nutrients role in Plant Metabolism:

- Zinc** : Plays a major role in regulating synthesis of various enzymes. It is very essential for metabolic activities and protein synthesis.
- Iron** : It is a metallic activator and takes part in several reactions within plant system and is involved in chlorophyll formation.
- Manganese** : It plays a very special role in the photosynthesis process.
- Boron** : It is essential for pollination, Germination and growth. It initiates the development of growing tips, cell division and fruit development.
- Copper** : Plays a major role in several enzyme processes and is key to the formation of chlorophyll.
- Molybdenum** : Requires a minimum amount of quantity to help nitrogen assimilation and is also important for potassium absorption.

Features and Benefits:

- Three micronutrients viz: Zn, Fe and Mn of Microsure are fully chelated and completely soluble in water.
- It can be applied directly to the soil for root uptake.
- It is compatible with a wide range of fertilizers and pesticides.
- It is well suited for use in soil-less cultures and Hydroponics.

Application and Recommendation:

Crops : Fruit crops, Field Crops, Vegetables, Cash crops, Sugarcane, plantation crops, Flowers. etc.

Foliar : 1 to 2 grams should be mixed in one liter of water.

Fertigation : 500 g per acre can mix with any water soluble fertilizer for its application.

Packings : 1Kg, 500gm, 250gm and 100gm





Microcare

Specialized Micro Nutrient Mixture



Microcare

Srusti Microcare is scientifically blended mixture of micronutrients and other essential plant nutrients in a balanced form. It is a tailor-made product for soil application for all crops in Karnataka and Andrapradesh Respectively.

Features and Benefits:

- Srusti Microcare supplies micronutrients that are essential for growth and development of plants.
- Srusti Microcare contains other essential plant nutrients apart from those that are declared.
- Srusti Microcare helps in improving plant growth, yield and quality of the produce.
- Application of srusti Microcare controls premature shedding of flowers and results in improved fruit setting and also improves fruit colour, size and taste.
- Srusti Microcare is virtually free from chloride, sodium and other harmful elements for plants.

Microcare Nutrient composition.

Karnataka

Zinc as (Zn)	10.0%
Iron as (Fe)	5.0%
Manganese as (Mn)	2.0%
Boron (B)	0.3%

Andra Pradesh

Zinc as (Zn)	6.0%
Iron as (Fe)	0.5%
Manganese as (Mn)	0.5%

Tamil Nadu

Zinc as (Zn)	3.0%
Magnesium as (Mg)	4.0%
Iron as (Fe)	1.6%
Manganese as (Mn)	0.3%
Copper Sulphate as (Cu)	0.4%
Boron as (B)	0.2%

Application and recommendation:

Mix 10kg of Srusti Microcare with the recommended quantity of Chemical Fertilizers or Manure and apply to soil 10kg.

Packing : 5 Kg.

5Kg



Certified Organic Product

This range includes Seaweed and plant nutrition products enriched with essential nutrients to encourage the physiological process of the plants in critical periods of crop development.

Improves the absorption of nutrients and their effectiveness.

Enhance the tolerance to abiotic stress.





S-KELP



S-KELP is natural seaweed extract. This seaweed grows in the clear waters of the Southern Ocean recognized as the world's cleanest environment.

Features and Benefits:

- S-KELP improves root development and the uptake of nutrients locked up in the soil, improve germination, provide drought and frost resistance, and generally Improves plant health.
- S-KELP contains natural trace elements and complex sugars that increase the efficiency of foliar absorption and Plant roots secrete sugars into the soil, as well as converting unavailable insoluble forms of nutrients into a form readily available to the plant.
- S-KELP contains betains, that increase chlorophyll levels, plants defense system and survive under cold and wet stress conditions.
- S-KELP contains Cytokinins increase plant resistance to disease, fungal attack and that caused by sucking insect the increase in efficiency of fertiliser uptake And also helps to increased post harvest shelf life of fruit and vegetables
- S-KELP contains Auxins are a naturally occurring plant growth regulator vital to root growth and root hair development and are important to the development of flower buds and fruit.

Application and Recommendations:

Crops: Vegetables, Field crops, Fruit crops, Flowers & Cotton,
For foliar spray 2.5 to 5 ml per lt of water

S-KELP Liquid Seaweed Element % W/V			
Nitrogen (N)	0.59	Phosphorus (P)	0.39
Potassium (K)	3.19	Calcium (Ca)	0.07
Magnesium (Mg)	0.46	Sodium (Na)	0.20
Sulphur (S)	0.64	Iron (Fe)	0.87
Zinc (Zn)	14.2 ppm	Manganese (Mn)	4.4 ppm
Copper (Cu)	4.2 ppm	Boron (B)	64 ppm
Cobalt (Co)	0.14 ppm	Molybdenum (Mo)	10 ppm

**Cytokinins Trans - Zeatin - Riboside (Zr) 7.483 mg Sopentenyl
Adenosine (IPA) 2.138 mg Trans - Zeatin (Z) 0.748 mg
Isopentenyl Adenine (IP) 17.104 mg**

Auxins Tri Indole Acetic Acid (IAA) 164 mg pH 8 - 9.5

Packing :





EXPERT TOTAL



Contents:

Humic Acids: 18%, Fulvic: Acid 3.5%, Potassium: 3.5%, Enriched With Sea Weed(auxins, Cytokinins & Vitamins) & Micronutrients

Features and Benefits:

- Expert Total is complex organic molecules which are formed by break down of organic matter. This enhances the beneficial effect of microorganisms.
- Expert Total is reported to increase permeability of plant membranes resulting in higher metabolic activity due to increased nutrients availability and enzyme activity.
- Expert Total *is essential for optimum plant growth.*
- Expert Total is Build up organic matter which is required for microbial growth.
- Expert Total stimulates the respiration rates of seeding which leads to quicker germination.
- Expert Total influences enzyme systems.
- Expert Total Helps the uptake & translocation of Micro elements as well as Amino acid, Auxin & Organic Phosphorous is improved by the presence of Humus i. e., Humic Acid in the soil.
- Expert Total also protects plants from chlorosis, enhances photosynthesis, Increases vegetative growth which results in higher yields & healthier crops.

Application & Recommendations

Crops : Fruit crops, Vegetables, Pules, Cash, Sugarcane, plantation crops, Flowers. etc

Dosage : For Foliar spray 3 to 5 ml/ltr of water during high growth & reproductive stages of plant.
For Drip & Sprinkler irrigation 1 ltr. per acre in sufficient quantum of water.
For Drenching 1 to 2 ml/ltr. of water & drench at roots specially at initial growth stages of crop.
For Seed Treatment 5 to 10 ml/kg of seed in sufficient quantum of water.

Compatibility : Expert Humic Acids can be mixed with common fungicides as well as Amino Acid based bio fertilizers.

Packings : 20 Lt, 5Lt, 1Lt, 500ml & 250ml



S-TRACE ADVANCE



S-Trace advance delivers 10 essential elements in a highly available true liquid solution. Lignosulfonic acid is the chelating agent used in S-Trace advance. which means it has a high affinity across all trace elements such that plant uptake and utilization of all trace elements within S-Trace advance it will assist in enabling your crops to overcome any trace element nutrient void so that the maximum potential vitality and growth is achieved.

Nutrient Analysis				(%w/w)
Nitrogen (N)	3.79	Iron (Fe)	0.76	
Manganese (Mn)	1.52	Molybdenum (Mo)	0.03	
Magnesium (Mg)	2.27	Boron (B)	0.61	
Zinc (Zn)	1.52	Cobalt (Co)	0.03	
Copper (Cu)	0.76	Sulphur (S)	2.69	
Product Details				
Specific Gravity	1.31 ± 0.020	Colour	Black	
pH	2.5-3.0			

Features and Benefits:

- S-Trace advance When applied as a foliar, markedly increase the availability of trace elements to the plant and increase timeliness of effective crop response.
- S-Trace advance Ensure's the delivery of nutrients into the plant at a steady controlled rate, thus reducing scorching from sudden nutrient overload, as can be the case with sulfates.
- S-Trace advance reduce's fertilizer wastage because of increased availability of nutrients to the plant for plant growth and metabolism.
- S-Trace advance Contains natural wetting and sticking abilities, additional wetters are not required.
- S-Trace advance chelated elements are less corrosive and non-abrasive to spray equipment, and will not block or wear out nozzles.
- S-Trace advance chelated elements have good physical compatibility with most agricultural chemicals.

Application and Recommendations:

Crops : Vegetables, Field crops, Fruit crops, Flowers & Cotton,
For foliar application spray 3 to 5 ml per liter of water for all crops

Packings : 1L, 500ml, 250ml and 100ml



Firmrite CMB



Firmrite CMB: Balanced source of soluble highly available calcium and complimentary nutrients such as N, Mg & B, it prevents fruit drop and fruit disorders related with poor calcium uptake, improves fruit firmness and sugars for better shelf life. Correct calcium deficiency with increasing growth, chlorophyll production, seed set & maturity. Ideal for foliar and Fertigation in all crops.

Nutrient Analysis: % w/v

Nitrogen (N)	10.5
Calcium (Ca)	21.0
Magnesium (Mg)	3.0
Boron (B)	0.1

Features and Benefits:

- High analysis Calcium combined with added Nitrogen, Magnesium and Boron.
- Correct calcium deficiency while increasing growth, chlorophyll production, seed set and maturity.
- Compatible with most spray insecticides, fungicides
- Apply as a foliar or post harvest dip.

Application and Recommendation :

CROP:	Dosage	Foliar Spray
Pomegranate	3-5 ml/lt.	At the time of fruit formation and later at required.
Cotton	3-5 ml/lt.	Pre flowering, Boll formation stage
Tomatoes	3-5 ml/lt.	Apply every 15-20 days intervals
Vegetables (Onion, ginger and Chilli)	3-5 ml/lt.	Apply 4 Weeks after emergence or post transplantation repeat at regular intervals.
Citrus	3-5 ml/lt.	Apply prior to bloom, at petal fall and later at required.
Cucumbers & Cucurbits	3-5 ml/lt	Apply 4 Weeks after emergence or post transplantation repeat at regular intervals.
Grapes	3-5 ml/lt.	35 to 40 days after pruning
Banana	5-10 ml/lt	Preflowering / post flowering.
Capsicum	3-5 ml/lt	Apply every 2 weeks after flowering and repeat at regular intervals.

NOTE: For fertigation use 3-5 lt / Acre



SPLASH EXCEED



Silicon Super Spreader



Splash Exceed is an all purpose spray adjuvant, which can be mixed with insecticides, fungicides, herbicides and defoliators increases their efficacy. As a result of that, fruits and vegetable are better protected from diseases and pests resulting in more productive yield. Splash Exceed Splash has 80% of active ingredients and this can be mixed in any solution to improve its performance many times.

Features and Benefits:

- Non Ionic Silicon based adjuvant
- Splash Exceed offers farmers an excellent opportunity to increase their crop yields.
- Spreader - provides more uniform spray deposit on plants, improves coverage of insecticide, herbicide, fungicide and foliar fertilizer sprays.
- Activator - through wetting action helps improve performance of post-emergent herbicides, insecticides, and fungicides.
- Splash Exceed is an adjuvant that enhances the performances of insecticides, Fungicides and fertilizers and also helps water to penetrate deeper.
- Splash Exceed is tendency to bead up by pulling the water and the wax on the leaf surface together, reducing the water's surface tension and causing the water droplet to spread out.

Application and Recommendation:

Mix 0.5 to 1ml of splash per liter of water with any insecticides, fungicides, foliar fertilizers and defoliators, Spray on any crop.

Packings : 1L, 500ml, 250ml and 100ml



Action



Nutrient Content of Action

Composition	Content
Humic acid	70 %
Fulvic acid	10 %
K ₂ O	10 %
pH	5-6
Solubility	98 %

Features and Benefits:

- Natural Organic Product
- Highly concentrated Humic & Fulvic Acids with Organic matter
- Improves physical, chemical & Biological properties of the soil
- Improves texture and water holding capacity of soil
- Enhance the root respiration, root development, healthy white root growth & reduces nutrient losses
- Increases microbiological activity of soil and bring strong & healthy root formation system
- Improves efficiency of fertilizers in the soil
- Enhances the uptake of soil nutrients

Application and Recommendation:

Crops and soil : Recommended for all crop and suitable for all soils

Seed Treatment : Mixing 5-10 g of Action per 1 Kg of seeds

Foliar Application : Dissolve 200g of Action in 100 Ltr of water and spray over one acre of standing crop

Fertigation : 1 kg to 2 kg per acre through irrigation water along with any water soluble fertilizers

Packings : 1kg, 500g.





Algen Plus

Natural source of Calcium Rich fertilizer



Algen Plus

Algen Plus (LITHOTHAMNIUM sp.) is Natural source of Plant Nutrients derived from dead, calcified algae sourced from the ocean. It contains abundant Ca, Organic Matter, Mg, S, K, Micronutrients, Proteins and Amino acids which are more essential for plant biological activity.

FUNCTION:

Micro Organism Activator : Activate and proliferate soil Rhizosphere and Microorganism

Fertilizer Booster : Increase the efficiency of applied fertilizer

Bio-Stimulants : Stimulates plant metabolic activity

Fertilizer : 100 % Natural source of fertilizer

BENEFITS: 1) Soil Balance

- Immediate soluble when in contact with soil with sufficient moisture.
- Improves chemical, physical and biological characteristics of the soil.
- Absorbs and supply nutrients to plants for longer period.
- Stimulates microbial activity in the soil and rhizosphere.

2) Nutrients uptake

- Intensifies NPK absorption in the soil especially phosphorus
- Enhances high quality production of humus in the soil and it can help for easy delivery of nutrients to the plant

3) Growth benefits

- Improves germination, emergence, rooting and stem strength

4) Crop Yield & Quality

- Improves crop yield and weight of the produce.
- Improves firmness and shelf life of the produce
- Increases qualitative sustainable crop yield.

5) Nature Friendly

- 100% bio-available and organic in nature
- Cost effective, Easy to handle and application

APPLICATION

Method of application : Furrow, Placement, spot application to the soil at plant root zone Time of application: Peak Vegetative stage and Bud formation Stage Rate of application: Algen Plus 10 kg per acre, second application after 30 days from the date of first application. (The quantity may vary depending upon soil nature, crop and stage of the crop)

Recommended Crops : Suitable for use in wide range of crops such as cereals, pulses, oil seeds, cash crops, fruit crops, vegetables and plantation crops.

Nutrient content	
Nutrients	Content (%)
Ca	34%
Mg	3%
S	0.50%
K	0.10%
Other Nutrients in traces	P, Z, Fe, Mn, B, Mo, Si
Organic Matter	4.40%
Protein Content	0.44%
Amino acids	Glutamic acid, Tryptophan, Tyrosine, Arginine, Glycine, Alanine, Phenylalanine, Serine, Leucine, Valine, Cystine, Isoleucine, Proline, Threonine, Methionine.

Packing : 10Kg

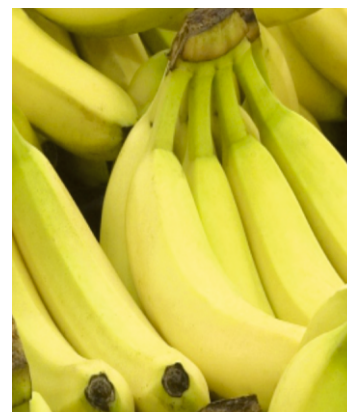


A. Soil application

Nutrition Management in Banana



Time	Product	Qty./plant
Basal	FYM	5 - 10 kg/plant + 10 gm Feso4
	DAP	100 gm/plant
Or	Or	
Basal	SSP	300 gm/plant
	MOP	100 gm/plant
150 Days after planting	Castor Cake	200 gm/plant
	MOP	100 gm/Plant
210 days after planting	Ammonium Sulphate	50 gm/plant
	MOP	75 gm/plant



B. Fertilization

Days After planting	Product	Kg./Ac/ 3 Days	No. of Applications	Qty req. / period (kg or Ltr.)
60-90	19-11-11+3MgO+TE	2.5	10	25
	Expert total	1		10
	S-Zinc	0.05		0.5
90 – 140	Srusti Honor (MAP)12:61:00	2.5	17	42.5
	Srusti Rise 13-0-45	1.5		25.5
	Microsure	0.05		0.85
145	CaTS	10	1	10
150 -180	Srusti Exceed (MKP) 0:52:34 or Srusti Combo plus NPK 6-54-17+TE	2	10	20
	Srusti Raise13:00:45	1		10
	Ammonium Sulphate	2.5		25
185	CaTS	10	1	10
190-220	Srusti Ultra Plus NPKS 15-8-35:4.5	2.5	10	25
	Magnesium Sulphate	2.5		25
220 -250	Srusti Raise 13-0-45	5	10	50
	Srusti CN with B	2.5		25
255	KTS	10	1	10
260 -290	Srusti Popular SOP 0-00-50	4	10	40
	Ammonium Sulphate	2.5		25
295	KTS	10	1	10

C. Foliar

Sl. No.	Product	Days after planting	Dose (gm or ml/Ltr)	Remark
1	S- Trace Advance + S-kelp	45-60	3 + 2	Uniform growth
2	Srusti Honor 12:61:00 (MAP)	150	10	Good bunch formation
3	Srusti Exceed (MKP) 0:52:34 + S-kelp	210	5+2	Bunch development
4	Srusti NPK ZnB 12-0-42:0.7:0.3	240	5	Increases bunch size and weight
5	Srusti Popular (SOP) 0-0-50	300	5	Good color and maturity

Note: Srusti CaTS, KTS and CN B give separately
Magsul Should not mix with CN and any Phosphatic grades

Nutrition Management in Green Chilli



A. Soil application

FYM	10 Mt
SSP	150 kg
MOP	25 kg
Urea	25 kg



B. Fertigation

Days after planting	Product	Kg./ ac / 3 days	No. of Applications	Qty req/ period (kg. or Ltr.)
40 - 61	Srusti NPK 20-20-20/19-19-19	3.5	7	24.5
	S- Zinc Zn EDTA (Zn12%)	0.07		0.49
	Magsul	2.5		17.5
65	CaTS	5	1	5
70 - 91	Srusti N Combo plus NPKS 6-54-17+TE	3.5	7	24.5
	EXPERT Total	0.07		0.49
91 - 112	Srusti Sprint NPK 16-8-24	3.5	7	24.5
	Microsure	0.7		4.9
115	KTS	5	1	5
120 - 141	Srusti Raise 13-0- 45	2	7	14
	Srusti Rapid plus 28-28-0	1.5		10.5
	S-Bor	0.04		0.28
141 - 162	Srusti Raise13-0- 45	2.5	7	17.5
165	KTS	5	1	5
170 - 191	Srusti Swift Plus NPK 19-19-19	3	7	21

3. Foliar

Sl. No.	Product	Stage	Dose (gm or ml. /Ltr.)	Remarks
1	Srusti Swift plus 19-19-19 + Microsure	30 Days After Trans planting	5 +2	Uniform growth
2	Srusti Honor 12-61-0 + S-kelp	60 Days After Transplanting	5+2	Flower induction
3	Srusti Exceed 0-52-34	75 Days After Transplanting	5	Fruit development
4	Srusti Raise 13-0-45 + S-Bor	90 Days After Trans planting	5+1	increases weight of harvest

Note: Srusti CaTS, KTS and CN B give separately

Magsul Should not mix with CN and any Phosphatic grades

Nutrition Management in Red Chilli



A. Soil application

FYM	10 Mt
SSP	150 kg
MOP	25 kg
Urea	25 kg



B. Fertigation

Days after planting	Product	Kg./ ac / 3 days	No. Of times
30-51	Srusti NPK 19-11-11 + 3 MgO + TE	3.5	7
	S-Zinc (12% Zn EDTA)	0.07	
	Expert Total	0.75	
53	CaTs	5	1
55-76	Urea	3.5	7
	Srusti NPK 13-40-13	3.5	
	Microsure	0.07	
78	CaTs	5	1
80- 101	Srusti 12-61-0	2	7
	Urea	3.5	
	Srusti 00-00-50	1.5	
103	KTS	5	1
105-126	Srusti 15-8-35	3.5	7
	Microsure	0.75	
128	KTS	5	1
130-151	Srusti 13-0- 45	2.5	7
	Srusti CN	3.5	
148 - 189	Srusti 00-00-50	3.5	7
	Ammonium Sulphate	5	

3. Foliar

Sl. No.	Product	Stage	Dose (gm/L)	Remarks
1	Srusti Swift plus 19-19-19 + Microsure	30 Days After Trans planting	5 +2	Uniform growth
2	Srusti Honor 12-61-0 + S-kelp	60 Days After Transplanting	5+2	Flower induction
3	Srusti Exceed 0-52-34	75 Days After Transplanting	5	Fruit development
4	Srusti 15-08-35	90 Days After Trans planting	5	increases weight of harvest

Note: Srusti CN B give separately

Magsul Should not mix with CN and any Phosphate fertilizer grades

A. Soil application

Organic Manure	10 MT
SSP	200 kg
MOP	50 kg
Castor cake	200 kg

Nutrition Management in Papaya**B. Fertigation**

Time of application	Product	Application Kg/Ac/day	No. of application	Qty req /period (kg. or Ltr.)
30-60	Srusti Honor MAP 12-61-00	2.5	10	25
	Expert Total	0.5		5
60-90	Srusti NPK Swift plus 19 -19 -19	2	10	20
	Microsure	0.5		5
90 -120	Srusti Combo plus NPK 6-54-17+TE	2.5	10	25
Soil Application	14 -35-14	50/kg/acre		
	MOP	25 kg/acre		
	Cake	50 kg/acre		
120 -150	Srusti Ultra Plus NPKS 15-8-35:4.5	2.5	10	25
155	CaTS	10	1	10
160 -220	Srusti NPK Swift plus 19 -19 -19	2.5	10	25
	Microsure	0.1		1
Organic Manure		5 mt's/acre		
220 - 270	Srusti Ultra Plus NPKS 15-8-35:4.5	2.5	20	50
270-360	Srusti Exceed 0-52-34	1.5	20	30
	Ammonium Sulphate	2.5		50
	Srusti Raise13-00-45	1		20
360 - 420	Srusti Sprint NPK 16-8-24	2.5	20	50
	Expert total	0.5		10
425	KTS	10	1	10
430-460	Srusti Ultra Plus NPKS 15-8-35:4.5	2.5	5	12.5
Between 150 -300 days	Srusti Foster CN SG	2.5 kg/ac/Week	10	25
	S-Bor (DOT)	50 gm/ Ac/week		0.500
Between 150 -300 days	Magsul	2.2/Kg/Ac/week	20	50

C. Foliar application

Sl.No.	Product	Crop stage	Dose (gm. or ml./lt)	Remark
1	Srusti Combo plus 6-54-17+TE + S kelp	150 Days after planting	3+2	Flower induction
2	Srusti Raise 13-0-45 + S Bor	180 Days after planting	3+1	Avoiding dropping and Fruit Cracking
3	Microsure + Srusti Ultra plus NPKS 15-08-35-4.5	210 Days after planting	1+3	Avoid multi micronutrient deficiencies
4	Srusti Popular 0-0-50/ Srusti Potassium Schoenite	240 Days after planting	3	Increases juice % and quality

Note: Srusti CaTS, KTS and CN B give separately
Magsul Should not mix with CN and any Phosphatic grades

A. Soil application

DAP	50 kg
MOP	25 kg

Nutrition Management in Musk Melon**B. Fertigation**

Time (Days)	Product	kg/ac/one time (once in 2 days)	No. of Applications	Qty. req/ period (kg.or Litr/ac)
10--20	Srusti Rapid plus 28-28-0	3	5	15
	S - Zinc	0.1		0.5
	Srusti Raise 13-0-45	1		5
	Expert Total	1		5
10--20	Mag-Sul	5	3	15
20-30	Srusti Honor 12-61-0	4	5	20
	Srusti Raise13-0-45	2		10
	Microsure	0.2		1
32	CaTS	5	1	5
34-44	Srusti Exceed 0-52-134	2	5	10
	Ammonium Sulpha	2		10
	Srusti Sprint NPK 16-8-24 +TE	2.5		12.5
46	KTS	5	1	5
40-50	Srusti Popular 0-0-50 or Srusti Potassium Schoenite	4	3	12

C. Foliar

Sl. No.	Product	Crop Stage	Dose (gm or ml. /L)	Remarks
1	Srusti Swift plus 19-19-19 + Microsure	10 Days After Sowing	5 +1	Uniform growth
2	Srusti Honor 12-61-0+S zinc + S-kelp	21 Days After Sowing	3+1+2	Flower induction
3	Srusti Exceed 0-52-34	35 Days After Sowing	5	Fruit development
4	Srusti NPKZnB 12-00-42-0.7:0.3	45 Days After Sowing	5	Increase weight of the fruit
5	Srusti Popular 0-0-50 or Srusti Potassium Schoenite	55 Days After Sowing	5	Increase color and Quality

Note: Srusti CaTS, KTS and CN B give separately
Magsul Should not mix with CN and any Phosphatic grades

A. Soil application

FYM	10 MT
DAP	50 kg
MOP	25 kg
Microcare	10 kg

Nutrition Management
in Poly House capsicum

B. Fertigation

Days after planting	Product	Kg/acre/ 3 days	No. of Application	Qty req /period (kg or Ltr.)
30-60	Srusti NPK 20-20-20/19-19-19	2.5	10	25
	S- Zinc (Zn EDTA 12%)	0.1		1
	S- Iron (Fe EDTA 12%)	0.1		1
60-90	Srusti Combo plus NPKS 6-54-17+TE	2.5	10	25
	EXPERT TOTAL	0.5		5
95	CaTS	10	1	10
100-130	Srusti Exceed MKP 0-52-34	3	10	30
130 - 160	Ammonium Sulphate	2	10	20
	Srusti Sprint NPKS 16-8-24	4		40
	Microsure	0.1		1
160-190	Srusti Ultra Plus NPKS 15-8-35:4.5	4	10	40
195	KTS	10	1	10
200-224	Srusti Popular 0-0-50	4	8	32
	Ammonium Sulphate	2.5		20

C. Foliar

Sl.No.	Product	Crop stage	Dose (gm. or ml./L)	Remarks
1	Srusti Swift plus 19-19-19 + S Zinc (12% Zn EDTA)	30 Days After Transplanting	5+1	Uniform growth
2	Srusti Combo plus 6-54-17+TE	60 Days After Transplanting	10	Flower induction
3	Srusti Exceed MKP 0-52-34	75 Days After Trans planting	5	Fruit development
4	Srusti Raise 13-0-45 + S Bor	90 Days After Trans planting	5+1	increases color and weight of harvest

Note: Srusti CaTS, KTS and CN B give separately
Magsul Should not mix with CN and any Phosphatic grades

Nutrition Management in Pome granate



A. Soil application after pruning -Before first Irrigation

Product	Quantity (kg)
Cakes	200
FYM	10000
SSP	200
MOP	50



B. Fertigation (First day from starting of Irrigation)

Time (days)	Product	Kg/ac/ 3 days	No. of Applications	Qty req /period (kg or Ltr.)
0-30	Srusti Honor MAP 12-61-00	3	10	30
	Srusti Raise NOP 13-0-45	1		10
	S Zinc (12% Zn EDTA)	50 gm		0.5
31 -60	Srusti NPK 19-11-11+MgO+TE	3	10	30
	S Iron (12% Fe EDTA)	50 gm		0.5
	S-Cal	50 gm		0.5
45	CaTS	10	1	10
61 -90	Srusti Combo plus 6-54-17+TE	1.5	10	15
91 -120	Srusti NPKZNB 12 -00-42:0.7:0.3	1.5	10	15
	Srusti Ultra plus NPKS 15-8-35:4.5	3		30
	MagSul (Mg So4)	3		30
125	KTS	10	1	10
130 – 151	Srusti Popular (SOP) 00 -00-50 or Srusti Potassium Schoenite	3	7	21
	Ammonium Sulphate	2.5		17.5

C. Foliar application

Sl. No.	Product	Crop stage	Dose (gm. or ml./L)	Remarks
1	Srusti Combo plus 6-54-17+TE + S-kelp	25 days after starting of first irrigation	5+2	Flower induction
2	Srusti Raise 13-0-45 + S Bor	Berry size fruit	5+1	Avoiding dropping and Fruit Cracking
3	Microsure (Chelated Micro nutrient Mixture) or S-Trace advance	During fruit development	5	Avoid multi micronutrient deficiencies
4	Srusti Popular 0-0-50/ Srusti Potassium Schoenite	Fruit Maturity	5	Increases juice % and quality

Note: Srusti CaTS, KTS and CN B give separately
Magsul Should not mix with CN and any Phosphatic grades

Nutrition Management in Tomato



A. Soil application

FYM	5-10 MT
DAP	50 Kg / acre
MOP	25 Kg / acre

B. Fertigation

Days After Planting	Product	Kg/acre/3day	No. of Applications	Qty req /period (kg or Ltr.)
20-41	Srusti 19-11-11+3MgO	3	7	21
	S Zinc	0.075		0.525
42-63	Srusti Combo plus NPK 6-54-17+TE	2.5	7	17.5
	Microsure	0.07		0.49
66	CaTS	5	1	5
70-79	Srusti CN with B	3	3	9
64-85	Srusti Exceed 0-52-34	1.5	7	10.5
	Srusti Raise 13-0-45	1		7
90	KTS	5	1	5
95 - 116	Srusti Potassium Schoenite	2.5	7	17.5
120	KTS	5	1	5
123-138	Srusti Swift Plus 19-19-19	1.5	5	7.5

C. Foliar

S.No.	Product	Crop stage	Dose (gm. or ml./L)	Remarks
1	Srusti Swift plus 19-19-19 + Microsure	30 Days After Transplanting	5 +2	Uniform growth
2	Srusti Honor 12-61-0 + S-kelp	60 Days After Transplanting	5+2	Flower induction
3	Srusti Exceed (MKP) 0-52-34	75 Days After Transplanting	5	Fruit development
4	Srusti Raise 13-0-45 + S Bor	90 Days After Transplanting	5+1	increases weight of harvest

Note: Srusti CaTS, KTS and CN B give separately
Magsul Should not mix with CN and any Phosphatic grades

Nutrition Management in Grape October Pruning



A. Soil application

FYM	10MT
Cake	500kg
SSP	200kg

B. Fertigation

Growth stage	Days after pruning	Product	Kg/acre/day	No of applications	Qty./ Period
Pre-bloom	1---40	Srusti NPK Swift plus 19-19-19	3	13	39
In between	10--20	S- Zinc (Zn EDTA)	0.17	3	0.5
	20-30	Srusti Magsul	5		15
Bloom set and shatter	41-70	Srusti Combo plus NPK 6-54-17+TE	3	10	30
In between	50-60	S- Bor (B20%)	0.025		0.25
Berry growth up to Veraison	71-105	Srusti Foster Calcium Nitrate	4	12	48
	71-105	Srusti Ultra plus NPKS 15-8-35:4.5	5		60
In between	90-100	Srusti Magsul	1.25		15
Veraison to harvest	106 - harvest	Srusti Popular 00-00-50 or Srusti Potassium Schoenite	3	20	60
after harvest	1—30	Srusti Swift plus NPK 19-19-19	1		30

C. Foliar application

Sl. No.	Product	Crop stage	Dose gm/lit.	Use
1	Srusti Honor 12-61-0 + S-kelp	25 days after pruning	3+2	Flower induction
2	Srusti NPKZnB 12-0-42:0.7:0.3	45 days after pruning	3	Good fruit set
3	Micro sure (Chelated Micro nutrient Mixture) or S-Trace advance	60 days after pruning	3	Avoid multi micronutrient deficiencies
4	Srusti Popular 0-0-50/ Srusti Potassium Schoenite	90 days after pruning	5	Increases brix % and quality

Note: Srusti CN B give separately

Magsul Should not mix with CN and any Phosphate fertilizer grades

Award Gallery



Company has awarded **“LEADING EMERGING COMPANY OF THE YEAR 2021”** by IEDRA (Indian economic development and research association) New Delhi.



All India basis MSME award called **“NEXT GENERATION COMPANY”** awarded by Tally Solutions.



Company has awarded **“FASTEST Growing Indian company excellence award”** by international achiever's conference, New Delhi.

Farmer Testimonials



Inter - Compatibility of water Soluble Fertilizers

Fertilizer	Abbr.	Ur	AN	AS	MAP	MKP	PN	PN+Mg	PN+P	SOP	CN	CaCl ₂	Mg+N
Urea	Ur												
Ammonium nitrate	AN	C											
Ammonium sulphate	AS	C	C										
Mono-ammonium phosphate	MAP	C	C	C									
Mono potassium phosphate	MKP	C	C	C	C								
Potassium Nitrate	PN	C	C	L	C	C							
Potassium Nitrate+Mg	PN+Mg	C	C	L	L	L	C						
NPK	PN+P	C	C	C	C	C	C	X					
Potassium Sulfate	SOP	C	C	C	C	C	C	C	C				
Calcium Nitrate	CN	C	C	L	X	X	C	C	X	L			
Calcium Chloride	CaCl ₂	C	C	L	X	X	C	C	X	L	C		
Magnesium Nitrate	Mg+N	C	C	C	X	X	C	C	X	C	C	C	
Magnesium Sulfate	MgS	C	C	C	X	X	L	C	X	C	L	L	C

C-Compatible, L-Limited compatibility, X-Incompatible

Micronutrients:

























- ZN EDTA, Fe EDTA, Fe DTPA, Fe EDDHA, Mn EDTA, Cu EDTA
Can mix any fertilizers for foliar as well as fertigation
- Sulphate base micro nutrient fertilizers are not compatible with NPK'S (19-19-19, 13-40-13 etc), MAP MKP,Urea Phosphate and CN.
- Magnesium Sulphate is not compatible with CN and NPKs, MAP, MKP and UP





PLANT NUTRIENT DEFICIENCIES-VISUAL SYMPTOMS ON LEAVES

ON TERMINAL BUDS- Ca & B, ON YOUNG LEAVES- S. Cu Fe. & Mn, ON MIDDLE LEAVES- Zn & Mo, OLD LEAVES- N. P. K & Mg

  B BORON Young Leaves Of The Terminal Buds Lose Colour At The Base.	  Ca CALCIUM Young Bud Leaves Chlorotic & Die Back At Tips & Margins
  S SULPHUR Light Green Leaf, Veins Still Pale.	  Fe IRON Chlorosis, Main Vein Typically Green.
  Mn MANGANESE Leaf Chlorotic, Main & Smaller Veins Dark Green Forming.	  Cu COPPER Interveinal Chlorosis
  Zn ZINC Leaf Narrow & Small, Lamina Chlorotic.	  Mo MOLYBDENUM Leaf Green, Golden Orange To Yellow
  Mg MAGNESIUM Chlorosis Starting From Tip To Margin, Cupping Under Tip & Margin	  K POTASSIUM Chlorosis, Small Dead Spots Of Specks At The Tip & Margins, Bronzing On Back Side
  P PHOSPHORUS Dwarfing & Abnormally Dark Green Plant, Leaf Erect & Narrow.	  N NITROGEN Leaf Erect, Light Green To Yellow

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