उत्पाद जानकारी पुस्तिका

KEC
KISAN EXPERIENCE CENTRE

Kisan Experience Centre

खेत - किसान - खेती

KEC AGRITECH (P) LTD.
FERTILIZERS

India's Leading Bio & Organic Fertilizer Company

श्री जितेन्द्र नारायण
मुख्य कार्यपालन अधिकारी एवं संस्थापक

From the CEO's pen

At KEC Agritech, we believe that if we want to give the right direction to farming, we need to understand the needs of both the land and the farmer. We don't just bring technology, we bring hope - the hope of a farm that is sustainable, profitable, and safe for generations to come.

One of our major initiatives is to make bio-CNG - which not only produces clean fuel, but the organic fertilizer we make is also a great need in today's times.

Today most farmers depend on chemical fertilizers, which initially benefit the crop, but slowly weaken the soil. On the other hand, our organic fertilizers improve the health of the soil, provide natural nutrition to the crops and make production stable and sustainable in the long run.

We believe that fertilizer is not just a product - it is a means to reconnect our relationship with the earth. When a farmer uses good fertilizers, his fields smile,

his income increases, and his hard work pays off.

This is what we want to bring about at KEC Agritech - a balance between technology and nature,

so that farming is profitable and nature is respected.

Our Products

01

KEC Carbon Enhancer
(Containing Neem Oil)

KEC Carbon Ensor is rich in essential nutrients along with macro nutrients like calcium, magnesium, sulphur, iron etc. It increases the fertility and productivity of the soil by increasing the amount of organic carbon in the soil.

S.No	Component	Content
1	Potassium as K20	0.50% (Min)
2	Nitrogen as N	0.80% (Min)
3	Phosphorous as P205	0.50% (Min)
4	Organic Carbon	14.0% (Min)
5	C:N Ration	<20
6	Moisture Content	25% (Max)
7	Neem Oil	6%

1. Carbon Enhancer improves the soil structure. Being a Neem plant, it makes the soil fertile by making it alkaline and salty.

It is also helpful in reducing many harmful insects and diseases found in the soil.

2. It increases the drought tolerance of the crop by increasing the water retention capacity of the soil.

3. It increases the microbial activities in the soil.

4. The availability of nutrients increases due to biological activities, which increases crop production.

5. Its use makes the soil porous, which makes the exchange of gases easier.

6. Due to the increase in organic matter, the physical, chemical and biological functions of the soil improve. Which has significant benefits in crop production and soil health.

7. It reduces the impact on the environment due to the use of chemical fertilizers and increases the diversity of nutrients.

Quantity
Carbon Enhancer 500kg to 750kg per acre

Available in 25, 50KG

02

KEC CARBON ENHANCER

(CONTAINS SEAWEED STRUCT)

KEC Carbon Enhancer is rich in essential nutrients along with macro nutrients like calcium, magnesium, sulphur, iron etc.It increases the fertility and productivity of the soil by increasing the amount of organic carbon in the soil.

S.No	Component	Content
1	Potassium as K20	0.50% (Min)
2	Nitrogen as N	0.80% (Min)
3	Phosphorous as P205	0.50% (Min)
4	Organic Carbon	14.0% (Min)
5	C:N Ration	<20
6	Moisture Content	25% (Max)
7	Seaweed Extract	300ppm

Benefits of use

1. Due to KEC Carbon Enhancer containing seaweed extract, along with increasing the amount of organic carbon in the soil, many types of nutrients, minerals, vitamins and growth stimulants such as Auxins, Cytokinins, Amino Acids, Zivrelins etc. are available to the plants. Which play an important role in the growth, tillering and timely ripening of plants.
2. It increases the drought tolerance of the crop by increasing the water holding capacity of the soil.
3. It increases the microbial activities in the soil.
4. The availability of available nutrients increases due to biological activities, which increases crop production.
5. Its use makes the soil porous, which makes the exchange of gases easier.
6. Due to the increase in organic matter, the physical, chemical and biological functions of the soil improve, which gives significant benefits in crop production and soil health.
7. It reduces the impact on the environment due to the use of chemical fertilizers and increases the diversity of nutrients.

Quantity : Carbon Enhancer 150kg to 250kg per acre

Available in 25, 50KG

03

PROM (PHOSPHATE RICH ORGANIC MANURE)

"PROM" means Phosphate Rich Organic Manure, which is called phosphate rich organic manure in Hindi. It is a type of organic manure used as fertilizer. It is made by mixing cow dung, talk phosphate and other organic substances and contains important nutrients like phosphorus, nitrogen and organic carbon.

What is PROM?

PROM is an organic manure which is rich in phosphate (P). It is made by mixing talk phosphate and organic substances.

How is PROM made?

To make PROM, manure is prepared by mixing cow dung, rock phosphate, crop residue, sugar mill press mud, and other organic substances.

Benefits of PROM:

1. It provides essential nutrients to the plants.
2. It improves soil health and increases soil fertility.
3. It is a safe alternative to chemical fertilizers.

Use of PROM:

PROM is used in crops It is used in crops especially those crops which require more phosphate.

Prom and DAP:

Prom is an organic alternative to di ammonium phosphate (DAP). DAP is a chemical fertilizer, while Prom is an organic manure.

Place of Prom in the market:

Phosphate rich organic manure is a type of fertilizer which is used as an alternative to diammonium phosphate and mingle super phosphate. Phosphorus is needed by all plants, its quantity in the soil is limited. To overcome its deficiency, Prom is used in the soil.

Use quantity: 150-200 kg per acre

Available in 50KG

SAVRIKA

SEAWEED FORTIFIED GRANULES AND LIQUID

Sarika is made from the extract of red algae (seagrass) grown in the sea by fishermen on the South East coast of India.

Sarika is a completely organic product containing 28% seagrass extract.

Sarika acts as a Plant Growth Promoter. Sarika contains proteins, carbohydrates, salts, other nutrients, vitamins, plant growth promoters (PGPS) such as Auxins, Mitokinins, Gibberellins, Betaines, Mannitol etc. in their natural form.

Benefits of using Sarika Liquid

1. Safe and eco-friendly, no adverse effects on plants, suitable for sustainable farming.
2. Improves internal functions of plants; promotes overall growth of plants.
3. Helps in producing more flowers and fruits.
4. Improves quality of produce, better shape, uniformity, colour and taste of fruits.
5. Increases the crop's ability to tolerate adverse conditions and its resistance against pests and diseases.

Method of using Savarika Granular

1. Suitable for all cereal crops, pulses, oilseeds, fruits and vegetables, sugar and fiber crops, horticultural crops, medicinal and aromatic crops
2. Use Savarika Granular at the rate of 10 kg per acre twice at an interval of 15-20 days in sowing or standing crops.

AVAILABLE IN 10KG BUCKET 10, 25KG BAG AND 250, 500, 1000ML

ELEMENTS AVAILABLE IN SAVARKA

Element	Savrika Liquid	Savarka Granulated
Zinc (Zn)	5-12. P.P.M.	1-1.5%
Copper (Cu)	2-5 P.P.M.	20-100 P.P.M.
Manganese (Mn)	14-20 P.P.M.	5-10 P.P.M.
Iron (Fe)	100-200 P.P.M.	0.1-0.5%
Boron (B)	30-50 P.P.M.	0.2-0.3%
Calcium (Ca)	0.15-0.2%	20-25%
Magnesium (Mg)	0.08-0.35%	5-8%
Sulfur (S)	1.25-2.25%	5-8%
Nitrogen (N)	0.12-0.3%	0.01-0.02%
Phosphorus (P)	0.05-0.1%	0.02-0.05%
Potassium (K)	14-18%	0.01-0.02%
Auxin	400-600 P.P.M.	55-60 P.P.M.
cytokinins	200-400 P.P.M.	55-60 P.P.M.
Jabranlin	500-800 P.P.M.	55-60 P.P.M.

SAVARKAR'S SUMMARY FOR USE IN THE CROP, QUANTITY AND TIME OF APPLICATION

S.No.	CROP	TIME OF USE	
		SAVARAKA LIQUID	SAVARKA GRANULATED
1.	Sugarcane	1st spray : 45 days after germination 2nd spray : 90 days after germination 3rd spray : 120 days after germination	First application : At the time of sowing of seeds Second application : 30-40 days after sowing of seeds
2.	Paddy	1st spray : 25 days after transplanting 2nd spray : 40 days after transplanting 3rd spray : 60 days after transplanting	First application : At the time of transplantation Second application : 30-40 days after sowing of seeds
3.	Banana	1st spray : 3 months after transplanting 2nd spray : 5 months after transplanting 3rd spray : 7 months after transplanting (nodule formation)	First application : At the time of sowing Second application : 30-40 days after sowing
4.	Pulse Crops	1st spray : 20 days after sowing 2nd spray : One week before fruiting 3rd spray : One week after fruiting	First application : At the time of sowing Second application : 30-40 days after sowing
5.	Vegetables	First spray : 20 days after sowing Second spray : 40 days after sowing Third spray : 60 days after sowing	First application : At the time of sowing Second application : 30-40 days after sowing
6.	Mustard	First spray : 20 days after sowing Second spray : 40 days after sowing Third spray : 75 days after sowing	First application : At the time of sowing Second application : 30-40 days after firs application
7.	Wheat	First spray : 30-35 days after sowing Second spray : 50-60 days after sowing	First application : At the time of sowing Second application : 30-40 days after sowing
8.	Potato	First spray : 30 days after sowing Second spray : 60 days after sowing	First application : At the time of sowing Second application : 30-40 days after sowing

06

ORGANIC POTASH

Role:

Plants need potassium (sometimes called potash) for plant immunity, fruiting and flowering, and potassium is important for the production of brightly colored pigments such as lycopene in tomatoes and protein in corn, which is very good for us.

Deficiency Symptoms:

- Symptoms of potassium deficiency in plants include leaf tips and tips turning yellow and yellowing, as well as purplish spots.

- Purple spots may also appear on the underside of leaves.

- Plant growth, root growth, and seed and fruit development are usually reduced.

- Often, potassium deficiency symptoms first appear on older (deficient) plants, as potassium is a mobile nutrient, meaning that a plant can allocate potassium to younger plants when it is deficient.

Available in 50KG BAG

N.P.K. (19:19:19)

1- NPK (19:19:19)

* Completely water soluble fertilizer
* All three essential nutrients (nitrogen, phosphorus and potash) are available
* Nitrogen is available in nitrate, ammoniacal and amide forms.

Benefit :

* Helpful in vigorous growth of crop and development of new branches and shoots.
* The phosphorus available in it is essential for the growth of roots, seeds and fruits.
* The potash available in it gives the plant the strength to withstand pests, diseases, lack of moisture and high and low temperatures under adverse conditions.

Method of use and quantity:
* Used by foliar spray and fertigation.

* Prepare a solution of appropriate concentration of 0.5% - 1% and spray it thrice at the time of formation of new branches, one week before and one week after flowering.

* Prepare solution at the rate of 1.5 to 2.0 grams per square meter area and use it through fertigation.

* To make a 1 percent solution, one kilogram of fertilizer is required in 100 liters of water.

Available in 1Kg Packet

Mono Potassium Phosphate (0:52:34)

* Mono potassium phosphate contains 52% phosphorus and 34% potash.

Benefits:

* The phosphorus available in it is essential for the growth of roots, seeds and fruits.

* The potash present in it gives the plants the strength to withstand pests, diseases, lack of moisture, and high and low temperatures under adverse conditions.

Method of use and quantity:

* Used by foliar spray and fertigation.

* For one acre, mix 1 kg of this mixture in 100 liters of water and spray it.

* Before flowering and at the time of bud/grain formation, 2-3 sprays at an interval of 15 days.

* Prepare solution at the rate of 1.5 to 2.0 grams per square meter area and use it through fermentation.

Available in 1Kg Packet

POTASSIUM NITRATE (13:0:45)

* It contains 13% nitrogen and 45% potash. It is completely water soluble.
* Potassium nitrate contains nitrogen in the nitrate form, which dissolves and directly becomes active in the food making process in the leaves.

Benefit:

Helpful in vigorous growth of crop and development of new branches and shoots.
* The phosphorus available in it is essential for the growth of roots, seeds and fruits.
* The potash available in it gives the plant the strength to endure pests, diseases, lack of moisture and high and low temperatures under adverse conditions.

Method of use and quantity:

* Used by foliar spray and fertigation.
* For one acre, mix 1 kg of 1% in 100 liters of water and spray.
* Spray thrice at the time of formation of new branches and one week before and one week after flowering.

Prepare the solution at the rate of 1.5 to 2.0 grams per square meter area and use it through fertigation

Available in 1Kg Packet

POTASSIUM SULPHATE FERTILIZER (0-0-50)

Free from chloride ions (Cl), completely water soluble

* 17.5 % sulphur available
* Low salt proof

Compatible with all fertilizers in normal concentrations except calcium containing fertilizers.

Benefit:

* Suitable for all crops.
* Improves product quality and nutritional capacity, disease resistance and storage capacity and increases yield.

Best for greenhouse and protected cultivation crops.

Suitable for fertigation and foliar spray.

Method of use and quantity:

It is used by foliar spraying and drip irrigation.

* Spray 0.5-1% solution of urea phosphate at appropriate concentration thrice at the time of formation of new branches, one week before flowering and one week after. Follow only S.O.P.
* If spraying is to be done then it should be done one week after flowering. So spraying once before flowering is very beneficial.

Use drip irrigation as per crop demand.

Available in 1Kg Packet

MONO AMMONIUM PHOSPHATE (12:61:0)

* This is a completely water soluble fertilizer.

*It contains 12% nitrogen and 61% phosphorus.

*Nitrogen is present in ammoniacal form in it. Which gets dissolved in water and turns into nitrate.

Packing - Available in 1, 5, 25 Kg

Benefits:

*Helps in vigorous growth of crop and development of new branches and shoots.

* The phosphorus available in it is essential for the growth of roots, seeds and fruits.

Method of use and quantity:

* Used by foliar spray and fertigation

*For one acre, mix 1 kg quantity in 100 liters of water and spray.

*Before flowering and at the time of bud/grain formation, 2-3 sprays at an interval of 15 days.

*Prepare a solution at the rate of 1.5 to 2.0 grams per square meter area and use it through fertigation

Available in 1Kg Packet

Di – SODIUM TETRA BORATE PENTA HYDRATE (BORON)

* It contains 14.5% boron.
* It plays a major role in the formation of flowers, fruits and seeds in crops.
* Boron increases the absorption and utilization of calcium from the soil by plants, which helps in strengthening the plant stem and formation of new branches.
* Plays an important role in the formation of cells and cell walls. Its deficiency affects the formation of pollen grains and the growth of pollen tubes. It also affects the front parts of flower petals/leaves and stops their growth.

Method of use and quantity:

Use in soil - Generally 600 to 800 grams per square acre Di Sodium Tetra Butane Penta Hydrate should be mixed in the soil.

Available in 1Kg Packet

CALCIUM NITRATE

Calcium is a secondary nutrient.

* Strengthens the cell wall, increases the immunity of fruits.

It helps in formation of new cells, growth and development of roots and production of various kinds of juices.

Calcium helps in formation of flowers and fruits and prevents them from falling and dropping from the crop, thus improving growth, development and quality of the crop.

Dosage in method of use

Drip method- Use through fertigation method at the rate of 1 kg per acre after 15-20 days of sowing/topping.

*** Use it 2-3 times in standing crops @ 50-80 kg per acre.**

Spraying - Dissolve 5-8 grams per liter of water and use it 2-3 times before flowering and till fruit formation at the rate of 100 liters of water per acre.

* Special - Useful in potato, tomato, brinjal, chilli, gourd type vegetables as well as banana.

AVAILABLE IN 10KG BAG

MAGNESIUM SULPHATE

Combination,

Magnesium (MgO) - 9.5%

Sulfur (S) - 12%

Dosage and time of use:

* Soil application: Use at the rate of 25-50 kg per acre.

Foliar Spray: Make a solution of 5-10 grams per liter of water and spray the leaves 2-3 times at an interval of 10-15 minutes.

Benefits:

Helpful in giving green colour to plants.

Helpful in increasing the yield by increasing the number of buds.

It has a significant effect on carbon metabolism and fat metabolism.

* Increases vegetative growth and development of crops.

Available in 2Kg Packet

ZINC SULPHATE MONOHYDRATE (33%)

Combination:

Zinc (Zn) - 33%, Sulfur (s) - 15%

Zinc sulphate monohydrate contains 33% zinc and 15% sulphur. It prevents and corrects zinc deficiency in crops. Zinc is essential for enzymatic processes involved in carbohydrate metabolism in plants and animals. It is also essential for protein synthesis in plants.

functions of zinc

* It is an important component of various hormones of crops.
* Helps in production of Auxin which is a substance which promotes plant growth.
* Helps in the conversion of carbohydrates.

Method of use and quantity

As a base fertilizer - which is a less mobile element in the soil. Therefore, sprinkle it at the rate of 6-8 kg per acre at the time of last plowing before sowing and mix it well in the soil.

Foliar spray- If symptoms of zinc deficiency are seen in standing crop due to not being able to use it at the time of sowing, then make a solution of 333 gram zinc sulphate monohydrate and 250 gram slaked lime or 2-3 kg urea in 100 liters of water and spray it. Spray in the morning or evening and in the afternoon during winter days. 200 liters of water will be required for one acre. Keep in mind that make a solution of zinc sulphate monohydrate and slaked lime or urea separately in a little water and use them together at the time of spraying.

Available in 1.5KG Packet

NEEM CAKE

Combination :

* Nitrogen (N) – 1.53%

Potassium (K) - 0.77%

Phosphate (P2O5) – 0.56%

* Oil Content 9.35%

Dosage and time of use:

For vegetable crops: Use 100-150 kg per acre at the time of last ploughing and/or sowing of crops.

Plantation crops : Use 250-500 gm per pot (before and after monsoon).

Benefit

* Helps in improving soil organic matter, soil texture, soil layer and capacity.

* Effective against root knot nematodes, sicklegrubs, and white ants.

Helps in controlling wilt diseases and parasitic fungi in plants at an early stage.

* It acts as a nitrification inhibitor, making nitrogen available for a longer period of time

AVAILABLE IN 25KG BAG

MICRO NUTRIENT MIXTURE

(Fe, Cu, Zn, Mo, B, Mg, Mn)

This blend is an advanced formulation of chelated micronutrients enriched with amino acids and sulphates. Since the nutrients are formulated as micro colloids, the absorption, translocation and assimilation in the plant system is high leading to higher yield and quality. The micro emulsion technology ensures that the nutrient use efficiency is much higher than any normal formulation.

unique technology

Contains chelated micronutrients (micronutrients bound to organic molecules that enhance their absorption and utilization by plants), formulated using the microemulsion concept. The combination of chelation and microemulsion techniques ensures high availability of vital nutrients to plants and enhances photosynthesis and enzyme activities.

Ingredients: Zinc (2.50), Iron (2.00), Manganese (1.00), Molybdenum (0.10), Buton (0.10), Copper (0.10), Magnesium (4.00), Chelating Agent (1.20), Formulation Excipients (2.00).

foliar spray

Dissolve 1-2 ml of the mixture in one litre of good quality water and spray the crop during key growth stages like tillering, flowering, seed formation etc.

Fertigation

Dissolve 1-2 ml of the mixture in one litre of good quality water and carry out fertigation during major growth stages like tillering, flowering, seed setting etc.

Available in 500 & 1000ml

SULFUR BENTONITE (90%S)

Sulfur bentonite is a source of sulfur. Sulfur element is the fourth essential element for crops after nitrogen, phosphorus and potash. Sulfur bentonite contains 90% sulfur (s) and 10% is bentonite clay. Bentonite clay acts as a binder during the manufacture of sulfur bentonite. Indian soils are generally deficient in sulfur. Sulfur deficiency is found. It is a useful fertilizer to overcome the deficiency of sulfur.

Benefit

1. Sulfur plays an important role in strengthening plant seeds and is a component of amino acids.
2. It also helps in chlorophyll synthesis and improves the efficiency of other nutrients. Sulfur is an essential element for good production of oilseeds.
3. It increases the crop yield and the oil content in them.
4. Sulphur increases the production of vitamins biotin and thiamine and the activity of enzymes.
5. It helps in the formation of sulphur containing amino acids (methionine, cysteine, cystine) which are essential for the formation of protein.

amount of use

Depending on the crop, it should be sprinkled at the rate of 8-10 kg per acre during the last

AVAILABLE IN 5, 10KG BAG

NPK CONSORTIA LIQUID

NPK Consortia liquid is prepared by mixing various bacterial species like 3 species of Rhizobium, Azotobacter, Azospirillum, Phosphobacteria-Pseudomonas and Potash Soluble- Bacillus species after culturing them separately.

NPK Consortia Liquid suitable for all crops

Benefit:

* By using NPK Consortia liquid, 25 to 30 kg nitrogen, 20 to 25 kg phosphorus and 10 to 15 kg potash is made available to the crops per hectare.

10 to 20 percent increase in yield

Saving of 50 to 60 kg urea, 40 to 50 kg DAP and 15 to 25 kg MOP per hectare

Usage method:

Seed, root and soil treatment

Available in 1000ml

STOPER FX

Anti-fungal formulationBio stimulantCompletely organic and eco-friendly STOPER FX is a powerful formulation containing plant derived volatile compounds and aromatic secondary metabolic products fortified with bioactives that promote plant growth. All active molecules are formulated using polymer technology for effective release and absorption in the plant system.

Method of working:
The waterless components present in STOPER FX alter the permeability of the microbial cell membrane, e.g. to cations (K+, etc.), and affect the chemical composition of the cells and their activity. It stops disease by disrupting the cell wall and membrane of pathogenic fungi, coagulating the protoplasm of the cells and damaging the cell organelles.

Mix 5 ml of STOPER in one liter of water and spray on the plants. STOPER FX can also be applied through drip irrigation to control root related diseases. STOPER FX can be mixed with fertilizers and other biostimulants. It controls Blast, Leaf Spot, Wilt, Rust, Rot and Mildews.

Ingredients: Plant Extracts - 3% w/wDeionized Adjuvant 97% w/w (Enriched with Essential Oils)

Available in 500 and 1000ml

KECHUMIC

Humic is a natural biostimulant, which contains humic and fulvic acid in the right proportion, which maintains the fertility of the soil for better crop production. Humic chelates nutrients in an organic way, making them easily available to plants. Its use in soil improves soil structure and chemical nature and increases bacterial activity and plant growth. Its use also improves the water holding capacity of the soil, seed germination, root growth and quality of the produce. Spraying it on the leaves also increases the vegetative growth of the plant, the ability to bear fruits and flowers. It also helps in ripening of fruits.

Benefit:

1. Activates plant growth.
2. Stimulates soil microbial population.
3. Balances the salinity and alkalinity of the soil.
4. Improves soil surface activity and buffering capacity.
5. Improves the permeability of cell membranes for the entry of nutrients.
6. Increases nutrient absorption and water holding capacity of the soil.

Ingredients:

Humic acid 5.0 5.5% Fulvic acid 0.5-1.0% Potassium (KO) 0.5-1.0%

Available in 500ml

BIO KITSHATRU

ORGANIC KITSHATRU A new generation insecticide based on advanced colloidal technology, ORGANIC KITSHATRU is a potent plant formulation containing azadirachtin impregnated in a polymer matrix. It ensures sustained and effective release of azadirachtin through colloidal technology, thereby providing long term pest control.

Dosage and method of use:

Dissolve 5 ml ORGANIC KITSHATRU in one liter of water and spray it on the plants.

ORGANIC KITSHATRU can also be given through drip irrigation to control nematodes (microscopic worms).

ORGANIC KITSHATRU can also be used mixed with fertilizers and other bio stimulants.

Method of working:

ORGANIC KITSHATRU has strong anti-feeding action, inhibiting feeding, odor perception and behavioral responses of a wide variety of insects upon contact with them.

It inactivates larvae (caterpillars) and adult insects by disrupting their enzyme system.

ORGANIC KITSHATRU does not develop pesticide resistance.

It does not harm pollinators and soil organisms such as bees and earthworms.

Controls:

Aphid, Thrips, White Fly, Mealy Bug, Caterpillar

Components:

Emulsifier - 10.0% w/w Azadirachtin a.i (3000 ppm) 0.30% w/w, Neem Oil - 10.0% w/w F Solvent & Phyto Stabilizer 0.5% w/wTotal - 100%

Available in 250, 500ml

Surfastic

Surfastic:

Foliar Spray Tank MixAnti-Transparent Sticker, Stimulant, Spreader, Surfactant 10 ml for 10 L Tank *Surfastic It enhances the efficiency of foliar fertilizers, nano fertilizers, insecticides, fungicides, weedicides etc.

Surfastic is a special formulation developed using Zwitter Ionic Technology, which incorporates water-loving and oil-loving groups. Adding Surfastic to any formulation enhances absorption and translocation in plants, as it acts as a spreader, surfactant and sticker. The efficiency of organic inputs used in agriculture is enhanced by Surfastic. Surfastic is compatible with a variety of anionic and cationic formulations such as foliar fungicides, insecticides and water-soluble fertilizers. It also promotes plant growth through the amine group. Activates plant defense response.

Unique Technology:

*Surfastic is electrically neutral and binds effectively with both positive and negative charges, supporting high translocation within the plant system.

Dosage and Usage:

Mix 1 ml *Surfastic in 1 liter of water. Add required quantity of foliar chemical to this solution and spray it on the plants for better absorption.

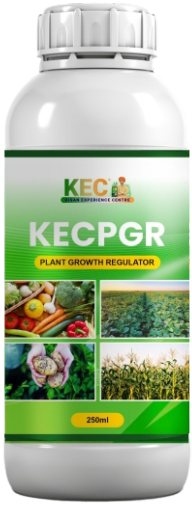
Constituent:

Ingredients (Percentage w/w) Phyto Extract 3% Deionized excipient 97% Total 100% (Rich in bioactive ingredients only)

Available in 100, 250, 500ml

KECPGR

(Plant Growth Regulator)



KECPGR is a Plant Growth Regulator, used to increase the growth, development and yield of plants. It is a Plant Growth Regulator used to increase the yield of cotton, potato, chilli, tomato, rice and groundnut.

Benefits of KECPGR:

1. Use of KECPGR helps in increasing the yield of crops.
2. It promotes the growth of plants, making them strong and healthy.
3. It helps in increasing the size of fruits.
4. It also helps in increasing the number of flowers in plants.
5. It increases the dry matter content in crops.
6. It promotes root growth, allowing plants to absorb more water and nutrients.
7. It brings uniform and early maturity in crops.

How KECPGR works:

KECPGR is based on triacontanal, a long chain sterol alcohol. It shows its effects by affecting mineral uptake, increasing water permeability, increasing the activity of functionally available enzymes and plant hormones, increasing the rate of photosynthesis and increasing the rate of protein synthesis Method of Use: KECPGR can be used by direct spraying on crops. In vegetable crops, the first spray is done at the time of flowering. In vegetable crops, the second spray is done at the time of fruit formation from flowers.

First spray: In fruit crops, first spray is done 15-20 days after first fertilization.

Time Interval: KECPGR can be continued to be used at 25–30 day intervals.

Intended Crops: KECPGR is used in various crops such as cotton, potato, chilli, tomato, rice, groundnut, brinjal, banana, etc.

KEC®

KISAN EXPERIENCE CENTRE

FARM - FARMER - FARMING

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