



India's Leading Bio & Organic Fertilizer Company



20+ Countries Export from India



Certification from Different Institution







ISO 9001-2015 Certified OHSAS 18001-2007 Certified Organic Certificate (India)



Member, CHEMEXCIL



Member, FAI



Organic Certificate (Europe)

Our Products

I	POTASH FERTILIZER		
	1. Natural Potash	1	
II	ORGANIC FERTILIZER		
	2. Raj Krishi PROM		
	3. ARYAN		
	4. Raj Krishi Vermicompost		
	5. Raj Krishi Bio Manure		
	6. Raj Krishi Organic Manure		
	7. Samridhi King Bucket		
Ш	SUSPENSION CONCENTRATES		
	8. CALCIKING		
	9. BORO POWER		
	10. ZINCO ₇₀₀	10	
	11. OSAMIN ₂₀₀		
	12. FRUITAMIN		
	13. K-30	13	
	14. ARYAN	14	
	15. MAYAN	15	
	16. MAURYA	16	
	17. PLANTIS	17	
IV	MICRONUTRIENT FERTILIZER		
	18. Crown Manganese 30%		
	19. Crown Zinc 21%	18	
	20. Crown Magnesium 9.6%	19	
	21. Crown Ferrous 19%	19	
	22. Crown Boron 20%	20	
	23. Crown Zinc 33%	20	
	24. Crown Mix Micronutrient +	21	

Our Products

V	BIO FERTILIZER	
	25. Myco Gold (Granules)	22
	26. Myco Gold (Liquid)	23
	27. Samridhi Bio Potash	24
	28. Samridhi Bio NPK	24
	29. Samridhi Bio Rhizo	25
	30. Samridhi Bio Azo	25
	31. Samridhi Bio Zinc	26
	32. Samridhi Bio Phos	26
	33. Resi Kill - 100	27
***	CDECLAY VIIIV FEDINA VIIID	
VI	SPECIALITY FERTILIZER	20
	34. Apple Genie (Granules)	
	35. Plant Food	
	36. Silicon Gold	30
VII	BIO STIMULANTS	
	37. Apple Genie (Liquid)	31
	38. Newtramin Liquid	
	39. Bullet-20	33
	40. SS-20	33
1/111	SULPHUR FUNGICIDE	
VIII	41. Crown Acari 80%	
	42. Sulf 40%	
	43. Sulf 55%	
		33
IX	NEEM OIL	
	44. Crown Neem 300	36
	45. Crown Neem 1500	36
	46. Crown Neem 3000	37
	47. Crown Neem 10000	37
	48. GIBRAMIN	38

NATURAL POTASH







Natural Potash provides Potash to plants in water soluble form. It is a potassium rich fertilizer which we offer as an alternate to the existing chemical potash fertilizers. This fertilizer plays a major role in both the vegetative growth phase of plants as well as in the productive phase.

Specifications:

COMPONENTS	CONTENTS
Potash (as K ₂ O)	14.50 %(min.)
Moisture	5.00% (max.)

Benefits:

- It provides the plants with naturally available POTASH and almost all major and micro nutrients are available.
- Natural potash fertilizer plays major role in both the vegetative growth phase of plant as well as in the productive phase.
- Increases photosynthesis & water-use efficiency.
- Essential to protein synthesis, fruit formation & carbohydrate metabolism.
- Improves quality of seed, soil, fruit & makes plants disease resistant.

Usage: All Types of Crops, Vegetables, Fruits along with Horticulture Crops.

Dosage: 50 Kg. /Acre Packaging: 1 Kg. Box & 50 Kg. Bags

RAJ KRISHI PROM®







Raj Krishi PROM (Phosphate Rich Organic Manure) is formulated with Natural Minerals, Organic Manure & Bio Nutrients. It provides soil with much needed Organic Carbon and Phosphorous in a slow releasing form.

Specifications:

COMPONENTS	CONTENTS
Organic Carbon	10% (min)
Nitrogen	0.4% (min)
Phosphates (P _z O ₅)	8% (min)
C:N Ration	>20:1
pH (1:5 solution)	6.7 (max)
Moisture	25.0 (max)

Benefits:

- PROM is a phosphatic fertilizer enriched with Organic Carbon. It is highly effective even on hard & heavy black soil.
- It acts as basic nutritional food for soil at the time of sowing and improves the soil structure.
- The presence of Phosphorus, Nitrogen & Organic Carbon helps to keep the luster/ moisture of soil and presence of organic carbon helps to improve the efficiency of crop growth as well as prevents land from being acidic & toxic.
- It improves the water holding capacity of soil and improves overall productivity.

Dosage: 50 Kg. - 100 Kg. /Acre **Packaging:** 25 Kg., 50 Kg. Bags

ARYAN







ARYAN is a revolutionary Organic Fertilizer, which increases yield and improves the quality of the produce. It comes under the Category of Low Volume & High Efficiency Input, which on application thorough soil or foliar spray gets integrated into plant metabolism and enhances protein synthesis, increases enzymatic activity and encourages balanced hormonal synthesis, resulting into better root development, increases biomass, higher grain & fruit yields etc.

Benefits:

- ARYAN Organic Manure increases crop yield by 15-20%.
- ARYAN Organic Manure saves 15-20% chemical fertilizers and increases their efficiency.
- The use of ARYAN increases flowers and fruits and reduces the possibility of flower & fruit drop.
- ARYAN improves the shape, quality and color of fruits.
- This fertilizer is compatible to use with insecticides, fungicides & fertilizers like Urea / DAP/ Potash.

Method of use:

- Apply 10-15 kg of ARY AN Organic Manure to the soil at the time of sowing or planting.
- Mix ARYAN Organic Manure with compost or vermicompost and mix it in the soil around the plant.

Dosage: 25 Kg./Acre Packaging: 25 Kg. & 50 Kg. Bags

RAJ KRISHI VERMICOMPOST





Raj Krishi Vermicompost is an organic and non-toxic product that helps in adding nutrient and organic matter to the soil. It contains water-soluble nutrient and it is an excellent, nutrient rich organic fertilizer as well as soil conditioner. It helps to give your plants a nutrient rich environment for growing. Our product is made out of composting 100% natural cow dung, by utilizing worms to get a high quality end product which improves the quality and fertility of the soil.

Dosage:

- Fruit trees Like Apple/Orange/Kim10w/Pomegranate/Litchi/Pear
- Newly planted: 2-3 Kg/Plant
- Non Fruiting adult plants: 4-8 Kg/Plant
- Fruiting Plants: 8-15 Kg/Plant
- Mature Plants: 15-25/Kg/Plant

Usage: For Fruit Plants like Apple/Pear (Deciduous Trees)

Vermicompost can be applied at two different stages:

- 1. During Dormant Stage: Apply Vermicompost at the time of 'TAULIA' preparations at the bases of the tree ensure 2 4 inch digging (Gudaai) to properly mix the Vermicompost into soil.
- 2. During Spring Time: Apply Vermicompost under the foliage ensure digging (Gudaai) to properly mix the Vermicompost into soil.

For fruit plants like Kinnow/Litchi (Evergreen Trees) During Winter & Spring time: Apply Vermicompost under the foliage of the tree, ensure 2-4 inch digging (Gudaai) to properly mix the Vermicompost into soil.

Packaging: 50 Kg. Bags

RAJ KRISHI BIO MANURE





Raj Krishi Bio Manure is a plentiful source of carbon for the soil besides being rich in NPK (Nitrogen-Phosphorus-Potassium). Its usage balances the soil organic carbon in the soil and thereby preserves optimum productivity and soil fertility.

Technical Specification		
Components	Contents	
Organic Carbon	14% (min.)	
Phosphorus (P ₂ O ₅)	0.5% (min.)	
Nitrogen as (N)	0.8% (min.)	
Potassium (K ₂ O)	0.8% (min.)	
Moisture Content	30-40%	
рН	6.5 - 8.0	

Benefits:

- Contains both macro-nutrient (calcium, sulphur, magnesium, iron, etc.) and micro-nutrient (nitrogen, phosphorus, and potash) essential for plant growth.
- Microbes accelerate the breakdown of crop residues in the soil. This
 improves the texture of the soil and also releases the locked-up elements.
- Increases the yield and quality of field, vegetable, tree and fruit crops.
- Improves alkaline and saline/sodic soil.
- Useful for all types of field crops, vegetable crops, orchards, kitchen gardens and flowers.

Dosage: 500 Kg - 1 MT/Acre **Packaging:** 50 Kg. Bags

RAJ KRISHI ORGANIC MANURE





Raj Krishi Organic Manure improves the physical, chemical and biological properties of the soil. It retains nutrients and prevents them from leaching away the plant roots. Raj Krishi Organic Manure is a combination of Macro and Micro Nutrients that enriches the soil.

Specifications:

COMPONENTS	CONTENTS
Potassium as K ₂ 0	0.5 % (min.)
Nitrogen as N	0.5 % (min.)
Phosphorous as P ₂ O ₅	0.5 % (min.)
Moisture Content	25% (max.)

Benefits:

- Contains both the micro-nutrients (calcium, sulphur, magnesium, iron, etc.) and macro-nutrients (nitrogen, phosphorus, potash) essential for plant growth.
- Microbes accelerate the breakdown of crop residues in the soil. This improves the texture of the soil and also releases the locked-up elements.
- In addition to releasing nutrients, as organic fertilizers break down, they
 improve the structure of the soil and increase its ability to hold water and
 nutrients. Over time, organic fertilizers will make your soil-and plantshealthy and strong.
- Ultimately, it betters the crop yield by improving soil fertility and soil structure.

Dosage: 500 Kg - 1 MT/Acre **Packaging:** 25 Kg & 50 Kg Bags

SAMRIDHI KING®





Samridhi King Bucket is an Organic Fertilizer, which increases yield and improves the quality of the produce. It contains water soluble nutrients and is an excellent organic fertilizer for all crops.

Benefits:

- Natural soil conditioner.
- Improves soil structure.
- · Improves the efficiency of fertilizers.
- Increases Root Respiration and Formation.
- Helping Plants to endure environmental stress.
- Increases yield by 10-15%.
- Organic fertilizer containing nitrogen, phosphorous, potash and organic carbon there is complete development of corp.
- Increases protein synthesis and improve the ability to absorb micronutrients.

 $\textbf{Usage:} \ All\ Types\ of\ Crops, Vegetable, Fruits\ along\ with\ Horticulture\ Crops.$

Dosage: 10 - 20 Kg/Acre

Packaging: 10 Kg & 20 Kg Bucket

CALCIKING







CALCIKING is a concentrated soluble liquid formulation which Contains 11 % Calcium. Calcium is the main transporter of Nutrient to the plant. CALCIKING is applied during flowering stage and it stimulates intimal chemical pathways which promote fruit & flower setting, resulting in increased fruit yields.

Technical Specification	
Calcium Content (Ca)	11% (min.)
pH (5% Solution)	9.5±1
Specific Gravity	1.30 - 1.35

- CALCIKING is highly free flowing formulation with excellent crop safety and allows higher calcium input to be available to the plant
- CALCIKING is the main transporter of nutrients to the plant.
- CALCIKING is applied during flowering stage and it stimulates internal chemical pathways which promote fruit set, resulting in increased fruit yields.
- CALCIKING makes the cell wall strong, which increases resistance to pests & disease.

Foliar Application		
Crop	Dosage / 1 Liter Water	Application Timing
General	1.50ml	2-3 times at flowering stage and at fruit fill time.
Vegetables	1.50ml	4-5 times flowering stage and at fruit fill time between 10-15 days.
Fruits	2.00ml	3-4 times at fruit set, fruit development and fruit set.

BORO POWER







BORO POWER is a 10% EC Formulation containing Boron Ethanolamine. BORO POWER plays main role for the growth and development of plant. Without sufficient boron, new growth comes to end. It helps to accomplish deficiencies in wide range of crops like cracking, poor flowering etc.

Technical Specification		
Boron (B) Content	10% (min.)	
pH (5% Solution)	8.5±1	

- BORO POWER plays main role for the growth and development of the plant and without sufficient boron new growth is stagnated.
- BORO POWER is necessary for maintaining a balance between sugar and starch.
- BORO POWER helps to accomplish deficiencies in a wide range of crop like cracking and disfigurement of skin, poor flowe1ing and fruit set.
- BORO POWER is necessary in pollinating a balance production stage.
- It is recommended for organic fanning.

Foliar Application		
Crop	Dosage / 1 Liter Water	Application Timing
General	1.50ml	2-3 times at flowering stage and at fruit fill time.
Vegetables	1.50ml	4-5 times flowering stage and at fruit fill time between 10-15 days.
Fruits	1.25ml	3-4 times at fruit set, fruit development and fruit set.

ZINCO₇₀₀







ZINCO₇₀₀ is a highly concentrated Zinc formulation containing 39.50 % Zinc. It is in the form of a Zinc Oxide Suspension whose higher nutrient concentration means that the application rates are lower. $ZINCO_{700}$ is designed for rapid uptake and quick results.

- ZINCO₇₀₀ contains 39.5% min Zn, which is more than any other form of Zinc nutrition.
- ZINCO₇₀₀ is stable suspension concentrated formulation and helps to form enzymes which regulate the plant life.
- Excellent product for decreasing zinc deficiency in short time.
- ZINCO₇₀₀ takes part in N metabolism and stimulates amino acid to produce proteins.
- · It is recommended for organic farming.

Foliar Application		
Crop	Dosage / 1 Liter Water	Application Timing
General	1.50ml	2-3 times at flowering stage and at fruit fill time.
Vegetables	1.50ml	4-5 times flowering stage and at fruit fill time between 10-15 days.
Fruits	1.25ml	3-4 times at fruit set, fruit development and fruit set.
Other Crops	1.50ml	3-4 times at growth time and flowering time.









 $OSAMIN_{200}$ is a liquid plant-available O-Silicic acid with High Silica Content (2%) with long shelf life and immediate results. Plants can absorb silicon only in the form of Orthosilicic acid (OSA). OSA is water soluble and is the only biologically active form of silica. $OSAMIN_{200}$ is taken up by the plants in very low concentrations but that concentrations have very important effect on plant growth.

Technical Specification		
Ortho Silicic Acid [Si(OH)4]	2.0 (min.)	
рН	1.7 - 2.2	

- One of the main functions of OSA is improving the plants growth and yield, especially in stress conditions. To achieve plant tolerance in stress conditions, Silicon promotes photosynthesis by favorably exposing the leaves to light without dehydration.
- OSAMIN₂₀₀ protects the plants form abiotic stress (chilling cold heat, and drought) and biotic stress (fungus, insect nematodes, mites, bacteria and viruses).
- OSAMIN₂₀₀ increases chlorophyll, flowering and fruit setting and forms a thin layer of Silicon on plants which reduces mites and fungus attack.
- OSAMIN₂₀₀ maintains the water level in fruits and vegetables which results in increased shelf-life.

Foliar Application				
Crop	op Dosage / Application Timing			Application Timing
General	1.50ml	2-3 times at flowering stage and at fruit fill time.		
Vegetables	1.50ml	4-5 times flowering stage and at fruit fill time between 10-15 days.		
Fruits	2.00ml	3-4 times at fruit set, fruit development and fruit set.		

FRUITAMIN[®]

Calcium Nitrate Fortified with Magnesium (Suspension)









FRUITAMIN is soluble liquid formulation which contains high concentration of Calcium with added Boron, Magnesium and other main nutrients. FRUITAMIN prevents psychological distress caused by calcium deficiency. Boron present in FRUITAMIN helps the plant to absorb and use calcium efficiently. FRUITAMIN decreases the fruit drops and increases the pollination through stronger pollen tubes which results in better fruit & flower setting.

Calcium Nitrate Fortified with	Magnesium
Total Nitrogen	10.0% (min.)
Nitrate Nitrogen	8.5 % (min.)
Water Soluble Calcium (CaO)	15.0% (min.)
Water Soluble Magnesium (MgO)	2.0% (min.)
Total Chloride (Cl)	2.5% (max.)
pН	8.0-9.0

- FRUITAMIN is highly flowable formulation with excellent crop safety and allows higher calcium input to be made.
- It is a soluble liquid formulation which contains high concentration of Calcium with added Boron, Magnesium and other main nutrients.
- Calcium is the main transporter of nutrients to the plant.
- FRUITAMIN is applied during flowering stage and it stimulates internal chemical pathways which promote fruit set, resulting in increased fruit yields.
- Calcium makes the cell walls strong which increases resistance to pests & diseases.
- FRUITAMIN prevents psychological distress caused by calcium deficiency.
- Boron Present in FRUITAMIN helps the plant to absorb and use calcium efficiently.
- FRUITAMIN decreases the fruit drops and increases the pollination through stronger pollen tubes which results in better fruit & flower setting.

		Foliar Application
Crop	Dosage / 1 Liter Water	Application Timing
General	1.50ml	2-3 times at flowering stage and at fruit fill time.
Vegetables	1.50ml	During flowering stage and at fruit fill time between 10-15 days.
Fruits	2.00ml	3-4 times at fruit set, fruit development and fruit set.

K-30





K-30 is a highly concentrated soluble liquid based on Potassium containing Amino Acids. K-30 helps in maximizing quality for fruits with greater flavor, colour and hardness. K-30 increases the resistance of plants against diseases and infections. It increases starch and sugar accumulation and makes fruit sweeter.

Technical Sp	ecification
Potassium (K2O)	30% (min.)
Nitrogen (N)	5% (min.)
L- Amino Acids	3% (min.)
pH (5% Solution)	12±1

- K-30 help in maximizing quality for fruits with greater flavor, colour and hardness.
- K-30 allows the soil to naturally retain plant-usable nutrients.
- K-30 helps the crop to fight diseases.
- It also increases starch and sugar accumulation and makes fruit sweeter.

	Foliar Application		
Crop	Dosage / 1 Liter Water	Application Timing	
General	2.00ml	2-3 times at flowering stage and at fruit fill time.	
Vegetables	2.50ml	4-5 times flowering stage and at fruit fill time between 10-15 days.	
Fruits	2.50ml	3-4 times at fruit set, fruit development and fruit set.	
Other Crops	2.00ml	3-4 times at growth time and flowering time.	

ARYAN





ARYAN is unique liquid formulation containing phosphorus and potassium, this formulation promotes healthy roots and encourages root expansion and strong stem development. It is 100% soluble liquid and recommended to use after early leaf emergence until fruit set in all the crops.

Technical Specification		
Components	Contents	
Phosphorus (P ₂ O ₅)	31% w/w	
Potassium (K ₂ 0)	21% w/w	
рН	5.5	
Specific Gravity	1.5	
Matter insoluble in water	0.5% (max.)	

- It is considered as an essential nutrient for providing Phosphorous and Potassium to the plants in liquid form.
- This formulation contains more percentage of phosphorus and potassium than any other typical liquid.
- It is recommended for Organic Farming.

	Foliar Application		
Crop	Dosage / 1 Liter Water	Application Timing	
General	2.00ml	2-3 times at flowering stage and at fruit fill time.	
Vegetables	2.50ml	4-5 times flowering stage and at fruit fill time between 10-15 days.	
Fruits	2.50ml	3-4 times at fruit set, fruit development and fruit set.	
Other Crops	2.00ml	3-4 times at growth time and flowering time.	

MAYAN





Mayan is a unique suspension concentrate formulation that contains major nutrients like Nitrogen, Phosphorus and Potassium with macro and micro nutrients. It is specially designed for foliar applications. Mayan is a complete nutrient management liquid formulation that helps to treat the specific deficiency and improves crop color. It also increases the vigour, improves plant health and leads to overall crop growth.

Technical Specification		
Components	Contents	
Nitrogen as (N)	13% (min.)	
Phosphorus as (P2O5)	13% (min.)	
Potassium as (K2O)	13% (min.)	
Magnesium (Mg)	1.25% (min.)	
Matter insoluble in water	0.5% (max.)	
pH (1% solution)	5±1	

- · Mayan produces greater root mass and green leaf area.
- Mayan gives improved flower / fruits set and higher tolerance to environmental stress.
- Mayan is used in the initial stage spray for green growth.
- It also develops tolerance toward abiotic stress.

	Foliar Application		
Crop	Dosage / 1 Liter Water	Application Timing	
General	2.00ml	2-3 times at flowering stage and at fruit fill time.	
Vegetables	2.50ml	4-5 times flowering stage and at fruit fill time between 10-15 days.	
Fruits	2.50ml	3-4 times at fruit set, fruit development and fruit set.	
Other Crops	2.00ml	3-4 times at growth time and flowering time.	

MAURYA





Maurya is unique suspension concentrate formulation that contains major nutrients like Nitrogen, Phosphorus and Potassium with macro and micro nutrients. It is specially designed for foliar applications. Maurya is a complete nutrient management liquid formulation that helps to treat the specific deficiency and improves crop color. It also increases the vigour, improves plant health and leads to overall crop growth.

Technical Specification		
Components	Contents	
Nitrogen as (N)	10% (min.)	
Phosphorus as (P2O5)	08% (min.)	
Potassium as (K ₂ O)	18% (min.)	
Sulphur (S)	2.5% (min)	
Magnesium (Mg)	1.25% (min)	
pH I(1% Solution)	11±1	
Matter insoluble in water	0.5% (max.)	

- Maurya can be used from vegetative growth till fruit setting.
- Maurya helps in increasing the branches.
- Maurya gives improved flower/fruits set and higher tolerance to environment stress.

	Foliar Application		
Crop	Dosage / 1 Liter Water	Application Timing	
General	2.00ml	2-3 times at flowering stage and at fruit fill time.	
Vegetables	2.50ml	4-5 times flowering stage and at fruit fill time between 10-15 days.	
Fruits	2.50ml	3-4 times at fruit set, fruit development and fruit set.	
Other Crops	2.00ml	3-4 times at growth time and flowering time.	

PLANTIS





Plantis is a unique suspension concentrate formulation that contains major nutrients like Nitrogen, Phosphorus and Potassium with macro and micro nutrients specially designed for foliar applications. Plantis is a complete nutrient management liquid formulation that helps to treat the specific deficiency and improves overall plant health. It helps to improve crop color, and increase the vigour that leads to overall crop growth.

Technical Specification		
Components	Contents	
Nitrogen as (N)	05% (min.)	
Potassium as (K ₂ O)	23% (min.)	
Sulphur (S)	5.70% (min.)	
Magnesium (Mg)	2.3% (min.)	
Matter insoluble in water	0.5% (max.)	
pH	5±1	

- PLANTIS produces greater root mass and green leaf area.
- PLANTIS increases fruits size by 10-30%.
- PLANTIS increases the weight of Fruits & Vegetables.
- PLANTIS develops tolerance towards abiotic stress.

Foliar Application			
Crop	Dosage / 1 Liter Water	Application Timing	
General	2.00ml	2-3 times at flowering stage and at fruit fill time.	
Vegetables	2.50ml	4-5 times flowering stage and at fruit fill time between 10-15 days.	
Fruits	2.50ml	3-4 times at fruit set, fruit development and fruit set.	
Other Crops	2.00ml	3-4 times at growth time and flowering time.	



CROWN MANGANESE 30%



Crown Manganese Sulphate is a micronutrient that is commonly deficient in soil with a pH level above 6.5. When plants lack this mineral, they exhibit visible symptoms. For example, beans and many nongrain crops develop yellow or white areas between the veins of the leaves.

Benefits:

- It is one of the important trace element fertilizers that can be used as base fertilizer.
- It promotes the growth of crops to increase production.
- · Manganese helps in fruiting & flowering.

Usages:

Foliar spray Soil Application

Dosage: 1 Kg./Acre Packaging: 1 Kg. Poly Pouch

CROWN ZINC 21%

Generally, continuous use of fertilizer and intensive cropping on the same soil can result in depletion of Zinc. Zinc Sulphate Heptahydrate contains Zinc as Zn 21 % and Sulphur 10% enriched with major nutrients (NPK). It is a chemical compound that is water soluble, transparent, colourless, crystalline compound.



Benefits:

- Zinc Sulphate Heptahydrate promotes healthy growth of lush green leaves.
- It reduces whitening and patches of leaves and stops the formation of abnormally small leaves.
- It increases the plant's resistance to diseases and boosts growth rate.
- Zinc Sulphate Heptahydrate also helps in the growth of crop shoots and promotes the formation of grains and fruits in a faster way.

Dosage: 5-10 Kg./Acre **Packaging:** 5 Kg. Bag



CROWN MAGNESIUM 9.6%



Crown Magnesium Sulphate is composed of magnesium and sulphur which are necessary for healthy plant growth. In plants, magnesium is an essential mineral nutrient for effective crop development. Magnesium acts as a catalyst for many enzymes and plays a significant role in photosynthesis, metabolic pathways, nucleic acid formation, phosphate transformation, and protein synthesis. Sulphur also assists in chlorophyll production and makes nitrogen, phosphorus and potassium available to the soil which makes it more effective.

Benefits:

- It is free flowing crystalline compound which dissolves completely in water.
- It contains two important essential secondary micronutrients, magnesium and sulphur, in a balanced ratio.
- It helps to keep plant leaves green by maintaining chlorophyll levels & leads to overall growth.
- It can be mixed and applied along with all other foliar water soluble fertilizer except calcium fertilizers.

Dosage: 25 Kg. /Acre Packaging: 25 Kg. Bag

CROWN FERROUS 19%

Crown Ferrous Sulphate Heptahydrate is used by plants to uptake iron in its oxidized forms. Plants use various iron uptake mechanisms and one of these is the chelation mechanism in which the plant releases compounds called siderophores that binds iron and enhance its solubility.

Benefits:

- It provides Iron (Fe) to plants.
- It is used as a lawn conditioner, and moss killer.
- The sulphate acidifies the soil and promotes fine leaved grass growth.
- High alkaline soil hurts grass growth.

Dosage: 10 Kg./Acre Packaging: 10 Kg. Bag





CROWN BORON 20%



Boron Fertilizer, Disodium octaborate tetra hydrate, is a highly concentrated & completely soluble source of boron. It contains 20% boron. Boron is the easiest way to overcome boron deficiency of crops

Benefits:

- It helps in new cell formation, root development and increases number of flowers and fruits.
- It helps in formulation of amino acids and protein. It helps in growth of crops and provides high yield.
- · It keeps plant healthy and green.

Dosage & Application:

Dissolve 2 gm of Boron per liter of water for foliar application. Apply to the crop during critical growth condition. Boron is suitable for drip irrigation and ideal dose is 1 kg per acre.

Packaging: 1 Kg. Poly Pouch

CROWN ZINC 33%

Crown Zinc 33% provides the plant with high quality Zinc & Sulphur which is water soluble and is immediately available to the plant. It provides the soil with the most essential micronutrient i.e. Zinc (Zn) and most important secondary nutrient i.e. Sulphur (S).

Benefits:

- Crown Zinc 33 provides soil with Zinc and Sulphur
- Crown Zinc 33 is compatible with Urea & other Chemical Fertilizers
- Crown Zinc 33 increases the efficiency of urea by chelating the urea pills as a coating agent.
- It is readily soluble in water.
- Crown Zinc 33 is immediately and completely available to crop

FERTILIZER

Crown Zinc 33%

Zinc Sulphate Monohydrate
(Powder)

Assumed Manching

As

Dosage: 1 Kg./Acre Packaging: 1 Kg. Poly Pouch

CROWN MIX MICRONUTRIENT









Crown Mix-Micronutrient + contains essential and vital nutrients needed by crop in readily available form. It assists the deficiencies in all crops which arise due to lack of micronutrients. It also assists in availability and uptake of other macro elements that helps in proper utilization for NPK Fertilizer.

Contents	Standards
Zinc	5% (min.)
Ferrous	2% (min.)
Manganese	2% (min.)
Boron	0.5% (min.)
Copper	0.5% (min.)
Molybdenum	0.05% (min.)

Benefits:

- It improves flowers & fruits with quality yield.
- It speeds up the photosynthesis process and improves resistance to common soil borne diseases.
- It helps in reducing the white marks on the upper side of the leaves.
- It makes plants healthy and maximizes production.
- It reduces yellowness of green leaves, assists in biological process and cell growth in plants.

Dosage: Liquid: 500ml-1000ml/Acre Packaging: Liquid: 500ml & 1000ml Bottle | Packaging: Powder: 5 & 10 Kg. Bag

Dosage: Powder: 5-10 Kg./Acre

MYCO GOLD (GRANULES)







Myco Gold is a Vesicular-Arbuscular-Mycorrhiza (VAM) based on spores and fragments of Mycorrhizal fungal filaments and infected root bits. VAM fungi enhances phosphate uptake and mobilize immobile micronutrient like Fe, Mn, Zn, Cu, Bo, Mo. VAM is also used as an effective soil inoculant.

Benefits:

- VAM produces powerful enzymes to dissolve tightly bound nutrients such as organic nitrogen, phosphorous, iron, zinc, sulphur and copper.
- It increases the surface area of roots from 100 to 1000 times & provides better crop growth and yield.
- It resists entry of pathogens and nematodes near plant roots.
- It reduces symptoms incited by disease producing organisms and significantly lowers need of watering and fertilizer.

Target Crops: Cereals, Pulses, Oil seeds, Fruits, Vegetables, Plantation, Fiber crops, Forest and Nursery.

Dosage: 4 Kg./Acre Packaging: 1 Kg. & 4 Kg. Poly Pouch









Myco Gold is a Vesicular-Arbuscular-Mycorrhiza (VAM) based on spores and fragments of Mycorrhizal fungal filaments and infected root bits. VAM fungi enhances phosphate uptake and mobilize immobile micronutrient like Fe, Mn, Zn, Cu, Bo, Mo. VAM is also used as an effective soil inoculant.

Benefits:

- VAM produces powerful enzymes to dissolve tightly bound nutrients such as organic nitrogen, phosphorous, iron, zinc, sulphur and copper.
- It increases the surface area of roots from 100 to 1000 times & provides better crop growth and yield.
- It resists entry of pathogens and nematodes near plant roots.
- It reduces symptoms incited by disease producing organisms and significantly lowers need of watering and fertilizer.

Target Crops:

Cereals, Pulses, Oil seeds, Fruits, Vegetables, Plantation, Fiber crops, Forest and Nursery.

Dosage: 500 ml-1 Liter/Acre **Packaging:** 500 ml, 1000 ml HDPE Bottle



Dosage: 500 ml- 1 Liter/ Acre



SAMRIDHI BIO POTASH®



Samridhi Bio Potash is a naturally-occurring beneficial proteo bacteria which is used as a biological fertilizer. It is also used as an effective soil inoculant. This on application to the soil gets activated and starts multiplying by utilizing the carbon source of the soil and exudates roots.

Benefits:

- It contributes in potassium mobility from the soil towards plant roots. Non exchangeable K release depends upon nature and amount of clay minerals.
- To get best results KMB should be used with nitrogen fixing bacteria so that they respond more with co inoculants and soil application.
- It reduces cost of potash application by 50 60%.
- It improves sucrose content and appearance in crops.

SAMRIDHI BIO N.P.K.®

Samridhi Bio NPK is a combination of PSB, KMB and other strains of Nitrogen Fixing Bacteria.

- PSB possess the activity to solubilize the Phosphorous by secreting organic acids (Gluconic acid, formic acid, glutomic acid, lactic acid, citrate, malic acid) that lowers soil pH and turns unavailable forms of soil phosphate to available form.
- KMB mobilizes potash available in soil of the plant and activates the numerous enzymes system involved in formation of organic substances and protein compounds.



Dosage: 500 ml- 1 Liter/ Acre







Dosage: 500 ml- 1 Liter/ Acre



SAMRIDHI BIO RHIZO



Samridhi Bio Rhizo is a soil bacterium which fixes atmospheric nitrogen in symbiotic association with leguminous crops. Rhizobium enters the root hairs of leguminous crops, multiply in adjoining cells, form a pinkish root nodules containing leg hemoglobin which help in fixing the atmospheric nitrogen in forms of organic compounds.

Benefits:

- Rhizobium is able to convert tryptophan into Indole acetic acid (IAA) in the roots which enhances root development and plant growth.
- The residual N available to subsequent non-leguminous crops is around 20-30 kg/ha. The beneficial effect is seen as saving of N through organic means.

Target Crops: Pulses like gram, lentil, pea, pigeon pea, soybean, green, gram, black gram, etc. and other leguminous crops like groundnut, berseem and lucerna.

SAMRIDHI BIO AZO®

Samridhi Bio Azo releases ammonia into the soil, improves soil fertility and produces phyto hormones like (IAA), Gibberellins and Cytokines. It accelerates production of some antifungal substances which inhibits the growth of harmful fungi.

Benefits:

- Improves seed germination percentage
- Increases number & length of shoot and root
- Improve yield by 25% to 30% in wheat and finger millet.
- Improves post-harvest seed quality in terms of germination.

Target Crops: Wheat, Paddy, Maize, Cotton, Potato, Millets, Vegetables, Grapes, Banana, Pomegranate, Oranges, Plantation crops, Fiber and Oil producing crops.



Dosage: 500 ml- 1 Liter/ Acre





Dosage: 500ml - 1Liter / Acre



SAMRIDHI BIO ZINC®



Samridhi Bio Zinc is a naturally-occurring beneficial autotrophic, acidophilic bacteria used as a biological fertilizer and effective soil inoculant. The bacteria requires inorganic molecules as a source. It also fixes Nitrogen in acidophilic habitats. The bacteria derive its metabolic energy by oxidation of reduced inorganic sulphur compounds or ferrous ions. It also supports anaerobic growth.

Benefits:

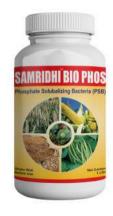
- Bio Zinc oxidizes zinc and produces organic acids due to which fixed zinc becomes available to plants. This helps in reduction of pH of the soil, breaking down the complex compounds thus increasing the crop yield and soil health.
- It controls khera disease in paddy and improves root and plant growth.

Target Crops: Crops grown between 5 to 8 pH, ZSB should be applied specially in Paddy, Wheat, Pulses, Citrus, Pomegranate, Ginger etc.

SAMRIDHI BIO PHOS®

Samridhi Bio Phos solubilizes inorganic phosphorus from insoluble compounds. Due to immobilization of phosphate by mineral particles, fertilizers are likewise immobilized in the soil, instantly with the just 20% consumption by plants. PSB converts chemically fixed soil phosphorus to desirable form.

- Increase micronutrients availability to plant from the soil like Mn, Mg, Fe, Mo, B, Zn and Cu in addition to P_2O_5
- Encourages faster root growth for water and nutrient uptake.
- PSB produces organic acids like malic acid, succinic acid, fumaric acid, citric acid, tartaric acid and acetic acid which fasten the P₂O₅ up take, maturity and increase yield.



Dosage: 500ml - 1Liter / Acre



RESI KILL -100 (MICROBES BASED PESTICIDE RESIDUE KILLER)



RESI KILL-100 is a unique consortium of bacteria and enzymes formulated as water soluble powder. The strains in consortia are isolated from vine have an ability to colonize the roots and help to reduce systemic pesticide residues if applied at appropriate time and are present in proper adequate concentration. The consortia can survive in presence of selective chemical pesticides and helps to reduce MRL levels of chemical pesticides.

Benefits:

- Mandatory Product for Exports related Crops specially fruits.
- Reduces MRL Levels of Chemical Pesticides.
- Effective against powdery mildew and anthracnose.
- Helps in increasing fruit size, and providing key features in metabolism that include formation of starch, translocation of sugars, stomata regulation etc.

Application Rate:

Soil Application: 100-200 gm /acre

• Foliar Application: 100 gm / 200 Liter water per acre

Note: 5-6 Applications are required per Crop Cycle in an Acre

Foliar Application: Resi Kill-100 is used as foliar spray. Apply in sufficient water to provide thorough coverage. Frequency of foliar spray depends on the crop stage at 7-10 days interval or as needed.

Packaging: 100 gm. Poly Pouch

APPLE GENIE - GRANULES



Apple Genie is a revolutionary Organic Special Product, which increases yield and improves the quality of the produce. It comes under the Category of Low Volume & High Efficiency Input, which on application through soil or foliar spray gets integrated into plant metabolism and enhances protein synthesis, increases enzymatic activity and encourages balanced hormonal synthesis, resulting into better root development, increased biomass and higher grain & fruit yields.

Ingredients: Nitrogen, Potassium, Organic Carbon, Calcium, Sulphur, Magnesium & various Micronutrients

Benefits:

- Increases yield by 25 30 %.
- Induces flowering and fruit setting and reduce flower & fruit drop.
- Improves fruit shape, quality & colour.
- Improves Protein synthesis & uptake of macro and micro Nutrients.
- Enhances immunity & helps to withstand stress conditions.
- Better root development ensures higher nutrient and water uptake.

Dosage: 10 Kg./Acre

Packaging: 20 Kg. Bag

PLANT FOOD



Plant Food is complete secondary nutrient Fertilizer that provides all nutrition to the plant. It provides plants with Calcium, Magnesium & Sulphur.

Product USP:

- Can be used on all Crops and Plants. It is a 100% Natural Product.
- Best way for plants to receive Secondary Nutrients.
- Calcium/Magnesium/Sulphur are in readily available form.

Calcium (Ca)

- It is utilized for cell division.
- It helps in nitrogen metabolism. It reduces the respiration rate. It increases the fruit-setting.
- It influences the microbial activity.

Magnesium (Mg)

- It is an activator and component of many plant enzymes. It is a key element of chlorophyll production.
- It helps in the utilization and mobility of phosphorous. It increases the iron utilization in crop plants.
- It helps in the uniform maturity of crops.

Sulphur (S)

- It is the integral part of amino acids.
- It promotes the nodules formation in legume crops. It is partially involved in chlorophyll formation.

Usage: It can be used for all plants and crops

Dosage: 60-90 Kg. /Acre Packaging: 25 & 30 Kg. Bag

SILICON GOLD







licon Gold provides plants and crops with Natural Amorphous Silica which is an essential element in plant nutrition. It is made from natural minerals from the mines of Rajasthan.

Plant available silicon (Si (OH)4)	0.08 (min.)
рН	7.5 (min.)
Moisture	12.0 (max.)

Benefits:

- Silicon is useful in increasing Biomass and Essential Nutrients uptake.
- Enhances yield in all types of crops like Cereals, Wheat, Soybean, Fruits, Vegetable and Sugarcane etc.
- Strengthens cell walls so that, it protects the plant from fungal diseases, insect, pest attacks.
- Improves plant strength, health and productivity & improves drought and frost resistance.
- Protects from Biotic and Abiotic stress and improves tolerance to toxic metals.
- In the presence of water, amorphous silica forms silicic acid which is readily available to plants.

Usage: All Types of Crops, Vegetable, Fruits along with Horticulture Crops.

Dosage: 50 Kg. /Acre **Packaging:** 50 Kg. Bags

APPLE GENIE - LIQUID





Apple Genie is a revolutionary Organic Special Product, which increases yield and improves the quality of the produce. It comes under the category of Low Volume & High Efficiency input, which on application through soil or foliar spray gets integrated into plant metabolism and enhances protein synthesis. It also increases enzymatic activity and encourages balanced hormonal synthesis that results into better root development, increased biomass and higher grain & fruit yields.

Ingredients: Nitrogen, Potassium, Organic Carbon, Calcium, Sulphur, Magnesium & various Micronutrients

Benefits:

- Increases yield by 25 30%
- Induces flowering and fruit setting and reduce flower & fruit drop.
- It also improves fruit shape, quality & colour.
- Improves Protein synthesis & uptake of macro and micro Nutrients.
- It promotes chlorophyll synthesis that increases photosynthesis activity.
- It enhances immunity & helps to withstand stress conditions.
- It promotes better root development and ensures higher nutrient and water uptake.

Dosage: 1 Liter/Acre







Newtramin is a revolutionary Organic Bio-Stimulant, which increases yield and improves the quality of the produce. It comes under the Category of Low Volume & High Efficiency Input, which on application thorough soil or foliar spray gets integrated into plant metabolism and enhances protein synthesis, increases enzymatic activity and encourages balanced hormonal synthesis that results into better root development, increased biomass and higher grain & fruit yields.

Benefits:

- Increases yield by 25-30%; Saves 25 % chemical fertilizers.
- Induces flowering and fruit setting and reduce flower & fruit drop.
- Improves fruit size, quality & colour.
- Improves Protein synthesis & uptake of macro and micro Nutrient.
- $\bullet \quad \text{Higher chlorophyll synthesis increases photosynthetic activity}.$
- Enhances immunity & helps to withstand stress conditions.
- Better root development ensures higher nutrient and water uptake.
- Improves chemical fertilizers use efficiency.
- Better health and growth of crop provides extra protection against insect pest and diseases.
- Provides essential micro nutrient through biological route, therefore minimizes the requirement of micro nutrient application.
- · Compatible with all pesticides and fungicides.

Dosage: 500 ml-1000 ml/Acre





BULLET-20

Bullet-20 is an Organic Silicon Super Spreader that is used in agriculture as an adjuvant or a tank mix for foliar spray as well as soil application. It improves product efficiency by 30% and reduces overall production cost by 25-30%. This bio stimulant increases yield by 15 to 20%.

Usage: It can also be used with any acidic or alkaline pesticides or fertilizers; Organic Silicon Super Spreader does not react with any of active ingredient as like other normal silicon spreader.

Dosage: 1ml x 15 Liter of water. However, the quantity of Bullet-20 will depend upon the application.

SS-20

SS-20 is a non - ionic silicon super spreader that is used in agriculture as an adjuvant and a tank mix for foliar spray as well as soil application. SS-20 reduces the surface tension to a very low level resulting in a rapid wetting cum spreading on leaves.

Product USP:

- Super spreader
- Penetrator
- Activator
- Sticker

SS-20 is a superior wetting agent, developed to improve the wetting, spreading and penetration of chemicals. SS-20 reduces the surface tension to a very low level resulting in a rapid wetting cum spreading on leaves. When incorporated in formulations, near complete coverage of leaf is achieved. The product facilitates uptake of chemicals into the plant tissue.

Dosage: 5 ml in 15 Liter of water. However, the quantity of SS-20 will depend upon the application; it is recommended that evaluations begin at 0.10% of the total formulation.





Packaging: 250 ml, 500 ml HDPE Bottle

CROWN ACARI 80





Sulphur 80% WDG is a wettable fungicide and insecticide suitable to be used in organic gardens and has an exceptionally low level of toxicity. It is used to control mites and a range of fungal disorders including powdery mildew, rust, and brown rot. It can be applied until harvest, except for wine grapes and is best suitable for most plants including vegetables, fruits, vines, and ornamental plants etc. It is a safe fungicide and miticide to overcome powdery mildew, rust and mites in plant.

Recommendation:

Crop	Disease Problem	Dosage/Acre	
Vegetables beans, Chilies, Onion, Peas, Bhindi, Cucurbits	Powdery Mildew	500-1000 gm	
Mango flowers, Citrus, Grapevine, Ornamentals	Powdery Mildew	1000-1500 gm	
Grapevine in flower, fruiting	Powdery Mildew	750-1000 gm	
Vegetables, Fruit stares, Jower, Cotton, Mango, Sugarcane, Coconut	Red Spider Mite	500-1500 gm	

Benefits:

- Sulphur 80% WDG is a dust free, flowable micronized sulphur granules that eases measuring & handling.
- It has instant dispersion and high suspensibility in water, therefore it doesn't cause scorching.
- It has triple action as fungicides, micronutrient (Sulphur) and miticide.
- There are no stains on fruits & leaves after spraying, nor do leaves get burnt.

Packaging: 1Kg. Poly Pouch Application: Soil & Foliar





SULF - 40



SULF-40 is a suspension concentrate in colloidal form with particle size less than 3 micron. It works excellent against fungi and mites. Spores of powdery mildew are made up of carbohydrate surrounded by layer of oil globule. When Sulf-40 comes into contact with oil globules, it breaks oil globules easily and reacts with carbohydrate that kills the spores of powdery mildew easily.

Technical Specification		
Sulphur Content (S)	40%	
рН	5 - 9	
Dose	l ml / Liter	

Benefits:

- Fungicide, Acaricide & Growth Promoter
- Controls Powdery Mildew and Sulphur Deficiency of various crops
- · Multi-site contact action Fungicide
- It has no scorching effect on tender leaves, berries or fruits.
 It is recommended to use in cucurbit crops even when day temperature is higher.

SULF-55

SULF-55 is a suspension concentrate in colloidal form with particle size less than 3 micron. It works excellent against fungi and mites. It stimulates plant growth by increasing photosynthesis and improves the color of fruits and leaves.

Technical Specification				
Sulphur Content (S)	55.16%			
рН	5 - 9			
Dose	l ml / Liter			

- SULF 55 has triple action on crop; It can work as effective growth promoter, powerful fungicide and versatile acaricide.
- It increases chlorophyll in plant & reduces yellowish color of plant.
- Multi-site contact action Fungicide.
- · Recommended for organic farming.











CROWN NEEM 300

Crown Neem 300 is a Neem oil based EC containing Azadirachtin of 0.3%. It is formulated to provide broad spectrum insect control with very low environmental impact. This Neem Oil is NON-TOXIC to honeybees and many other beneficial insects.

Mode of Action:

- Anti-Feedant
- Insect Growth Regulator
- Anti-Ovipository & Repellent

Benefits:

- Crown Neem 300 contains azadirachtin 300ppm that controls wide range of pests including white flies, aphids, thrips, mealy bugs, caterpillars, leafhoppers etc.
- It controls target pests effectively.
- Crown Neem 300 is safe to beneficial insects of parasites, predators and honeybees.
- Crown Neem 300 should be used as prophylactic and also potentiate with chemical pesticides as a curative agent.
- It acts as Anti-feedent, Repellent, oviposition deterrent and insect growth suppressor.
- It is organic, non-toxic and safe to natural enemies.

CROWN NEEM 1500

Crown Neem 1500 is a Neem oil based EC containing Azadirachtin of 0.15%. It is formulated to provide broad spectrum insect control with very low environmental impact. This Neem Oil is NON-TOXIC to honeybees and many other beneficial insects.

Mode of Action:

- Anti-Feedant
- Insect Growth Regulator
- Anti-Ovipository & Repellent

- Crown Neem 1500 contains azadirachtin 1500ppm that controls wide range of pests including white flies, aphids, thrips, mealy bugs, caterpillars, leafhoppers etc.
- It controls target pests effectively.
- Crown Neem 1500 is safe to beneficial insects of parasites, predators and honeybees.
- Crown Neem 1500 should be used as prophylactic and also potentiate with chemical pesticides as a curative agent.
- It acts as Anti-feedent, Repellent, oviposition deterrent and insect growth suppressor.
- It is organic, non-toxic and safe to natural enemies.











CROWN NEEM 3000

Crown Neem 3000 is a Neem oil based EC containing Azadirachtin of 0.3%. It is formulated to provide broad spectrum insect control with very low environmental impact. This Neem Oil is NON-TOXIC to honeybees and many other beneficial insects.

Mode of Action:

- Anti-Feedant
- Insect Growth Regulator
- Anti-Ovipository & Repellent

Benefits:

- Crown Neem 3000 contains azadirachtin 3000ppm that controls wide range of pests including white flies, aphids, thrips, mealy bugs, caterpillars, leafhoppers etc.
- It controls target pests effectively.
- Crown Neem 3000 is safe to beneficial insects of parasites, predators and honeybees.
- Crown Neem 3000 should be used as prophylactic and also potentiate with chemical pesticides as a curative agent.
- It acts as Anti-feedent, Repellent, oviposition deterrent and insect growth suppressor.
- It is organic, non-toxic and safe to natural enemies.

CROWN NEEM 10000

Crown Neem 10000 is a Neem oil based EC containing Azadirachtin of 1.0. It is formulated to provide broad spectrum insect control with very low environmental impact. This Neem Oil is NON-TOXIC to honeybees and many other beneficial insects.

Mode of Action:

- Anti-Feedant
- Insect Growth Regulator
- Anti-Ovipository & Repellent

- Crown Neem 10000 contains azadirachtin 10000ppm that controls wide range of pests including white flies, aphids, thrips, mealy bugs, caterpillars, leafhoppers etc.
- It controls target pests effectively.
- Crown Neem 10000 is safe to beneficial insects of parasites, predators and honeybees.
- Crown Neem 10000 should be used as prophylactic and also potentiate with chemical pesticides as a curative agent.
- It acts as Anti-feedent, Repellent, oviposition deterrent and insect growth suppressor.
- It is organic, non-toxic and safe to natural enemies.















GIBRAMIN is a CIBRC registered Gibberellic Acid 0.001% which is highly effective plant growth regulator. It is available in liquid form as the active ingredient. It acts synergistically with plant metabolism and accelerates the growth function of the plant. It also increases the physiological efficiency of the crop by stimulating the hormonal and enzymatic activities. And finally It increases the yield and quality of crop produce.

Benefits:

- Increases plant growth and crop yield
- Helps in making bigger leaves and root system.
- Improves plant health and sustained productivity.
- Enhances photosynthesis and plant metabolism.

Method of Application:

- Spray uniformly to plants/crop so as to cover crop canopy fully.
- Gibberellic acid should be sprayed during the cool hours of the day.
- Repeat the application if there is rain within six hours of spraying.

Target Crops:

Grain crops, vegetable crops, oilseeds crops and fruit crops including Sugarcane, Cotton etc.





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