

SPECIALITY PRODUCT (Organic)

BIO GOLD PLUS



Bio Gold Plus is a well decomposed enriched organic manure of multi-benefits.

Essential Content: Press mud-based organic manure, fortified with well decomposed neem cake, castor cake, coir pith, vermicompost along with Azotobacter, Azospirillum, Phosphate solubilizing bacteria, Potash mobilizing bacteria and Trichoderma.

Benefits of Bio Gold Plus

- Helps in improving soil structure i.e. the physical condition of the soil and also improves fertility of the soil
- Increases crop yield and quality of produce
- To some extent provides protection against seed & soil borne diseases

Application Details: Crops: All Crops

Crop	Dosage	Time of application
Field crops	100 kg per acre	Sowing / Transplanting
Vegetables	120 kg per acre	Sowing/ Planting
Commercial crops	160 kg per acre	Sowing / Planting
Coffee/Tea	160 kg per acre	Pre-monsoon / Post-monsoon
Fruit crops	3 to 5 kg per acre	Pre-monsoon / Post-monsoon
Plantations	1 to 2 kg per acre	Pre-monsoon / Post-monsoon
Grapes	5 kg per acre	Pruning
Banana	1 kg per acre	Planting
Ornamental plants	100 gm per pot	Once in 3 months
Kitchen garden	1 kg per sq meter	Sowing / Planting

The above quantity is minimum. Based on the requirement, the quantity can be increased.

Packing : 40 kg

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SPECIALITY PRODUCT (Organic)

JAI KISAAN PROM (Phosphate Rich Organic Manure)



PROM is a value-added product produced by co-compositing high-grade rock phosphate (32% P_2O_5 2%) of fine size (i.e. 80% finer than 54 microns) with organic material collected from press mud. A high grade rock phosphate in fine size when used as a mix with organic manure works as efficiently as di-ammonium phosphate (DAP) in alkaline soils.

Essential Content:

(i)	Total Phosphates (as P_2O_5), per cent by weight, minimum	8.0
(ii)	Total organic carbon, per cent by weight, minimum	10.0
(iii)	Total Nitrogen (as N), percent by weight, minimum	04
(iv)	C:N ratio - Less than	20:1

Benefits:

- It supplies phosphorus to the succeeding crop as efficiently as to the first crop due to the residual effect caused by low P-fixation
- The dissolution of P from PROM is slow due to the organic acids released by the plant roots and microorganism hosted (naturally present or advertently added) by the soil and the soil organic matter
- It helps in improving physical, chemical and biological properties of soil as it is organic in nature
- It prevents leaching and runoff loss of nutrients due to chelation effect
- It will reduce the cost of fertilization to the farmers and will also result in the conservation of phosphate mineral, a non-renewable resource due to the high residual effect

Application Details:

Crops: All crops

Method: Soil application

Crops	Dosage	Time Of Application
Paddy, Wheat, Cotton, Sugarcane, Maize, Soybean & other field crops	50-100 kg/acre	Sowing/transplanting
Vegetables and Flower crops	50-100 kg/acre	Sowing/transplanting
Fruit & Plantation crops	1-3 Kg Per Tree	Pre or Post Monsoon

The above quantity is minimum. Based on the requirement, the quantity can be increased.

Packing: 50 kg

SPECIALITY PRODUCT (Organic)

JAI KISAAN FARM POTASH (PDM) (Potassium Derived from Molasses)



PDM is a straight potassic fertilizer which is an FCO registered source of potash nutrient fertilizer. It is obtained after extraction of sugar and alcohol from the sugarcane.

Essential Content:

(i)	Moisture, per cent by weight, maximum	5.0
(ii)	Water soluble potassium (as K ₂ O) percent by weight, minimum	4.5

Benefits:

- Advantage of having potash from organic source
- Can substitute Muriate of potash fertilizers to some extent
- Suitable for all types of crops
- Stimulates early growth
- Strengthen stems and skin of fruits
- Increases protein and sugar production
- Improves water use efficiency of plants
- Improves resistance against pests & diseases
- Encourages crop roots to absorb more nutrients
- Reduces risk of crop damage by drought
- Helps to increase the quantity and quality of yield

Application Details:

Crops: All crops

Method: Soil application

Crops	Dosage	Time Of Application
Maize, Paddy, Groudnut, Cotton, Sugarcane, Ginger, Turmeric & other field crops	50-250 kg/acre	Sowing/transplanting
Vegetables and Flower crops	100-250 kg/acre	Sowing/transplanting
Fruit & Plantation crops	0.5-3 Kg Per Tree	Pre or Post Monsoon

The above quantity is minimum. Based on the requirement, the quantity can be increased.

Packing: 50 kg

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**SPECIALITY
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JAI KISAAN FARM GOLD LIQUID (6% Humic Substance)



Farm Gold Liquid is an extract of fully decomposed organic matter containing humic substances

Essential Content: It contains 6 % Humic substances having Humic acid, Fulvic acid and Humin as predominant components.

Benefits:

Being a bio-stimulant accelerates root development and improves vegetative growth (tillers, branches etc.) Helps produce thicker, greener and healthier crops.

Application Details:

Crops : All crops

Method : Foliar Spray, Fertigation

Foliar Spray : 3 ml/Liter of water

Fertigation : 1 L/Ac

Packing : 1 L and 5 L

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PANCH RATAN



Composition :- PanchRatan is a value added product. It is made by fortifying Organic Manure with Phosphorous, Humic Acid, Amino Acid and Seaweed Extract. It is produced by co-composting of high grade (32% P₂O₅) rock phosphate in very fine size with organic manure and the adding it with total 8% of Amino Acid, Humic Acid and Seaweed Extract. When rock phosphate, Amino Acids, Humic Acids and Seaweed Extract is mixed with organic carbon then all the nutrients acts in synergic way to give best efficiency for nutrients absorption by the plant.

DOSE :-

All Field Crops - 10 KG per Acre

Sugarcane / Cotton / Banana and other fruit crops / Vegetables – 20 Kg per Acre

Crops:- All Crops

Essential Content :-

Total Phosphates (as P ₂ O ₅), Per Cent By weight & Minimum	8%
Total Organic Carbon, Per Cent By weight, Minimum	10%
Amino Acid	8%
Humic Acid	
Seaweed Extract, Percent By Weight	
Total Nitrogen (as N) Per Cent By weight, Minimum	0.40%
C:n Ratio	Less Than 20:1

Benefits – Panch Ratan consists of five major elements, which helps in plant growth, root and shoot development, increased productivity and improves soil health.

1. PanchRatan is more efficient version of PROM where it supplies Phosphorous and other nutrients to current as well as next crop also.
2. Organic carbon improves efficiency of the other nutrients and make them more available to the plant.
3. Amino Acid, Humic Acid and Seaweed makes more nutrient available to the plant and helps in development of root and shoot growth with increased immunity to diseases.
4. Phosphorous available in Panch Ratan helps in root development and one the major nutrient necessary for plants. Phosphorous also helps in root growth of the plant
5. Organic Carbon increases the buffer capacity of soil & retains moisture
6. Humic Acid activates the inactive nutrient present in the soil
7. Amino Acid helps in protein synthesis, growth & development of plant
8. Seaweed helps in increasing germination, root size and density
9. PanchRatan improves the physical, Chemical and biological properties of soil
10. PanchRatan improves the grain/fruit bearing capacity of plant

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FARM GOLD (Humic Substance Granules)



Farm Gold is a granular end product having humic substances from aerobic decomposition of organic matter as basic ingredient.

Essential Content: It contains 1.5% Humic substances having Humic acid, Fulvic acid and Humin as predominant components.

Benefits of Farm Gold

- Being a bio-stimulant, accelerates root development and improves vegetative growth (tillers, branches etc.)
- Helps produce thicker, greener and healthier crops

Application Details : Crops : All Crops

Crop	Dosage	Time of application
Paddy, Cotton, Sugarcane, Vegetable & Other crops	5 to 10 kg per acre	Sowing / Planting
Banana & Papaya	25 to 50 gm per plant	Planting
Fruits & Plantation crops	50 to 100 gm per plant	Pre-monsoon/Post-monsoon

Packing :

Granules : 1 & 5 kg pouch, 25 kg drum and Liquid : 1L & 5L

SPECIALITY PRODUCT (Organic)

NEEM ORGANIC MANURE (Powder / Cake / Pellets)



Neem Organic Manure is available in powder, cake and pellet form with 6 to 8 % of neem oil.

Essential Content: It contains 6 to 8 % neem oil, Azadirachtin (which acts as pest repellent) and small quantities of all nutrients.

Benefits of Neem Organic Manure

- Helps improving soil physical condition and fertility
- Offers repellent action against crop insects

Application Details : Crops : All Crops

Crop	Dosage	Time of application
Field crops	100 kg per acre	Sowing / Transplanting
Vegetables	150 kg per acre	Sowing / Planting
Commercial crops	150 kg per acre	Sowing / Planting
Coffee/Tea	150 kg per acre	Pre-monsoon / Post-monsoon
Ornamental plants	50 gm per pot	Once in 3 months
Kitchen garden	250 gm per sq meter	Sowing / Planting
Coconut	2 kg per plant	Pre-monsoon / Post-monsoon
Arecanut	1 kg per plant	Pre-monsoon / Post-monsoon
Grapes	3 kg per plant	Pruning
Banana	1 kg per plant	Planting
Fruit crops	1 kg per plant	Pre-monsoon / Post-monsoon
Plantations	250 gm per plant	Pre-monsoon / Post-monsoon

Packing : 50 kg

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NAVRATNA POWER (Sea Weed Extract Based Formulation Granules)



Navratna Power is a seaweed extract based formulation using bentonite granules as carrier. This is natural organic non-toxic product that promotes the uptake of inorganic constituents from the soil, increasing plant resistance to stress conditions.

Essential Content : Liquefied Natural Sea Weed Extract: 4%,
Carrier (Calcined Bentonite Granules) to make 100%

Benefits of Navratna Power

- It provides natural hormones and nutrients which are immediately and easily absorbed by roots of the plants
- Its application will improve percentage of germination and the roots will have enhanced vitality
- It contains starches called alginates that act like sponges. These alginates hold and supply water droplets near to plant roots giving a more even supply of moisture to the plants
- It contains low concentration of naturally occurring plant growth factor and provides Macro & Micronutrients
- It promotes plant growth through thickened, enlarged and balanced leaf growth, flowering & fruit setting

Application Details:

Crops : All crops

Soil Application: Dosage: 10 kg per acre

Time of application:

Field Crops : At time of sowing/transplanting or within 20 days after DAS/DAT 100 to 250 g per plant

Perennial Crops : Pre-monsoon/Post-monsoon

Packing: 10 & 50 kg pack

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SPECIALITY PRODUCT (Organic)

NAVASHAKTI (Liquid Consortia)

Life For Soil And Boost For Crop



NAVASHAKTI is a unique Unique Microbial Extracts, Exclusive Consortium of various Beneficial Bacteria. It is a High

Essential Content : A Gang Of Beneficial Bacteria (As Per FCO Norms)

•Nitrogen Fixing bacteria

Rhizobium

Azotobacter

•Phosphate Solubilizing Bacteria (PSB)

•Potassium Solubilizing Bacteria (KSB)

Benefits Of Navashakti

- ✓ Boosting Soil fertility
- ✓ Recycle nutrients like Nitrogen, Phosphorous & Potassium
- ✓ Fix other nutrients for plant uptake
- ✓ Increases microbial activity in soil
- ✓ Vigorous crop growth
- ✓ Improve soil texture
- ✓ Higher crop yield with Better quality

Application Details :

Crops: All crops

Method of application :

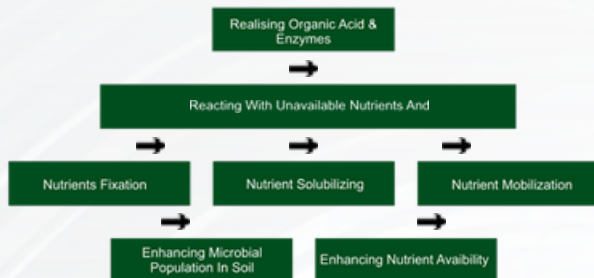
- Drenching
- Drip
- With organic manure

Packing: 500ml & 5L

Mode Of Action Of NAVASHAKTI

- ✓ Recycling of unused Nutrient
- ✓ Releasing Organic Acids/Enzymes
- ✓ Reacting with unavailable nutrients and Agriculture waste

RECYCLING OF UNUSED NUTRIENTS



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SPECIALITY PRODUCT (Organic)

BHOOMITRA A Product of Swachh Bharat Mission



Bhoomitra is fully decomposed nutrient-rich organic manure obtained from aerobic digestion.

Essential Content: City Compost-based organic manure having major, secondary and micronutrients in abundance.

Benefits of Bhoomitra

- Helps surface structure become more stable and less prone to crusting and erosion
- Improves humus content of soil thereby increasing nutrient retention and water holding capacity of soil
- Helps crop health by increasing soil biological activity and diversity
- Helps crops to withstand drought better by higher infiltration and water holding capacity
- Contains nutrients in readily available form for better crop uptake
- Helps in better root development leading to higher nutrient uptake
- Increases the crop yield and quality of produce

Application Details : Crops : All Crops

Crop	Dosage	Time of application
Field crops	300 kg per acre	Sowing / Transplanting
Vegetables	500 kg per acre	Sowing / Planting
Commercial crops	500 kg per acre	Sowing / Planting
Coffee/Tea	500 kg per acre	Pre-monsoon / Post-monsoon
Fruit crops	5 kg per plant	Pre-monsoon / Post-monsoon
Plantations	3 kg per plant	Pre-monsoon / Post-monsoon
Grapes	5 kg per plant	Pruning
Banana	2 kg per plant	Planting
Ornamental plants	250 gm per pot	Once in 3 months
Kitchen garden	2 kg per sq meter	Sowing / Planting

The above quantity is minimum. Based on the requirement, the quantity can be increased.

An initiative under Swachh Bharat Mission

- Make in India product
- City waste used to convert nutrient rich organic compost
- City can also be kept clean for achieving clean India
- A small step together towards fulfilment of Swachh Bharat Mission

Packing : 50 kg

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IMPACT

(Potash Derived from Rhodophytes)



IMPACT is a complete natural extract derived from special combination of sea plants. It is derived from Red Algae Extract, a seaweed through unique patented cultivation techniques and is extracted from sea to shelf in 72 hours to preserve natural richness.

Essential Content:

- ❖ Organic Potash – 20%
- ❖ Sulphur – 1.5%
- ❖ It contains specific enzymes that stimulates plant functions

Benefits:

- ❖ Aids in plant nutrient uptake through cell signaling for all round development of plant
- ❖ Boosts Grain filling in cereal crops, Improves Flowering & Fruiting in fruit and vegetable plants
- ❖ Activates growth, Shape, Size & Color related hormones in plants
- ❖ Improves drought resistance & transport of nutrient / water in the plant

Application Details

Foliar spray: 100 gm/acre

Crop	Application time	Crop	Application time
Paddy/ Wheat	Tiller and panicle initiation stages	Chilli & Tomato	Vegetative, flowering and fruiting stages
Corn	Vegetative & initiation stage	Potato	Vegetative bulb formation stages and tuber formation
Soybean	Vegetative flowering stage	Other vegetables	tuber initiation stages
Cotton	Vegetative, squaring and boll development stage		Vegetative, flowering and fruiting stages
Sugarcane	Tillering and tillers development stage	Turmeric & Ginger	Vegetative and rhizome formation stages
Grapes	Vegetative, pre-flowering, berry growth and development	Pomegranate	fruit setting and fruit development stage
Apple	Planting and fruiting stages	Banana	Vegetative, flowering and fruiting stages

Available Packing: 10g & 100g

Shaktimaan

(Bio-enriched organic manure)



Shaktimaan is an eco-friendly value-added product produced by scientific process using various organic materials and beneficial microorganisms.

Essential Content: Essential nutrients and beneficial microorganisms

Benefits:

- ❖ Supplies adequate amounts of essential nutrients
- ❖ Rich in humus that helps in better root development and further enhanced plant growth and productivity
- ❖ Contains Neem cake which acts as a strong repellent to insects and induces larvicidal activity
- ❖ It reduces the population of nematodes, pathogenic microorganisms and mycoplasmas (MLO's) in the soil
- ❖ It checks the activity of root grubs and other harmful soil insects
- ❖ It promotes the nutrient recycling and improves nutrient use efficiency

Application Details

Crops: All crops

Soil application:

- ❖ Short duration crops: 500 to 1000 kg per acre
- ❖ Flower crops: 1000 kg per acre
- ❖ Vegetable crops: 1000 kg per acre
- ❖ Other horticulture crops: 2 to 4 kg per tree

Available Packing: 40 kg

Gaushakti



Gaushakti is a good source of organic manure prepared out of cow dung. It helps to improve soil fertility, organic matter and microbial activity in the soil.

Essential Content: Essential nutrients and organic carbon

Benefits:

- ❖ Maintains soil health by improving its texture, structure, water infiltration, water retention capacity, nutrient availability and microbial activity
- ❖ It contains many beneficial bacteria's that convert nutrients into an easily available form
- ❖ Improves plant resistance to biotic and abiotic stress

Application Details

Crops: All crops

Soil application:

- ❖ Short duration crops: 1000 kg per acre
- ❖ Flower crops: 1000 kg per acre
- ❖ Vegetable crops: 1000 kg per acre
- ❖ Horticulture crops: 5 to 10 kg per plant based on its age

Available Packing: 50 kg