



33
years of service



**HIGHRANGE
FERTILISERS**
BIOTECH & RESEARCH CENTRE

The logo features the number '33' in a large, bold, dark green font. To the right of the '3's, the words 'years of service' are written in a smaller, dark green font, arranged vertically and curving around the right side of the number.

33
years of service

HIGHRANGE FERTILISERS

Since its formation in 1985 Highrange Fertilizers provide top quality genuine organic fertilizers in a wide range of formulation to meet all requirements of nature loving community. It is the largest manufacturer of quality Neemcake in India under the brand name Vep-x. Green-x is yet another magical formulation and effective organic solution for the growth of plants and crops accepted by the farmer community across south India as a complete plant food.

Highrange fertilizers is an independent company backed by more than 33years of purely organic technical expertise. The company has an established reputation for quality products and trustworthy manufacturing practice.



Green x Gold
NECTARTM

A novel natural biostimulant for
better plant growth & development



Technology By: PLANT LIFE Ontario, Canada

Green x Gold
NECTAR™

A novel natural biostimulant for
better plant growth & development



In recent times, worldwide alarming awareness on consumption of organic and residue free clean food grains, fruits, vegetables and spices are steadily increasing and thus it creates an ample scope for production of crop plants through eco-friendly farming approaches.

Since the climate change is noticed as one of the major hurdles among the farmers in cultivation of crops finding them it very difficult in achieving potential yield and quality. Further it is very well scientifically learnt that plant growth and development in crop plants are severely influenced by many factors viz., moisture availability, extended drought, major and micro nutrients availability, soil, plant growth regulators, enzyme and microbial activity as a whole. These processes are invariably affected due to the continuous and indiscriminate use of inorganic fertilizers and inorganic agro inputs in reduction of inherent capacity of soil nutrient dynamics and microbial activity. Good partitioning between vegetative (Plant growth) and reproductive (Flowering &

Fruit setting) process largely depends on well-developed root system and chlorophyll rich lusty green canopy.

This would create an urgent need for the development of eco-friendly agro inputs and bio products in maximising crop productivity for a sustainable agriculture. In keeping view of these facts and future world of agriculture, our company High Range Fertilizers and Biotech Research Centre has already come out with the production of oil cakes, botanicals, bio-fertilizers and bio control agents. Tireless and continuous research efforts made by our R&D Team resulted in the formulation of an eco-friendly novel biostimulant Green x Gold **NECTAR** for enhancing the growth, flowering, yield and quality of crop plants.



BENEFITS

- Green x Gold Nectar stimulates flowering process by the production of cytokinins and auxin like growth promoters in crop plants.
- In general use of Green x Gold Nectar as foliar supplement or soil drench will enhance the yield and quality.
- Use of Green x Gold Nectar stimulates production of finer active root system for quicker absorption of nutrients by crop plants.
- Green x Gold Nectar enhances the vegetative growth in terms production of more no. of leaves per plant, improved lusty green leaf area with high chlorophyll content ultimately results in high photosynthesis.
- Green x Gold Nectar Improves fruit setting ability by enhanced pollen tube formation and pollen viability for better fertilization thereby restricting the abscission layer formation and thus arrests the fruit drop.
- Green x Gold Nectar extends the green active life of inflorescence and other floral parts for achieving continuous and staggered flowering in crop .
- Green x Gold Nectar ultimately enhances the quality of the harvested produce in terms of size, weight and appearance i.e., glossy fresh fruits and vegetables with extended shelf life, Bold sized lusty green cardamom capsules with more seed content.



Green-x Gold NECTAR™

A novel natural biostimulant for
better plant growth & development



KEY INGREDIENTS

Concentrated Norwegian sea weed extract

Natural hydrolysed protein substances

Major & micro nutrient elements of organic origin

Botanical extracts and natural growth promoters

Organic chelating agents

Natural fillers and carriers

Dosage : 200ml to 250 ml of
Green-x Gold NECTAR in 100 litres of water
as foliar spray or soil drench

USAGE CONSIDERATION

The product can be stored under cool dry place and should be kept away from direct sun light.

The product is compatible with major insecticides and fungicides, except copper based products and triazole compounds.

For better results the product can be used within two years from the date of manufacturing.

It is better to shake well before the use of this product for uniform results, since the product consist of natural chelates and buffering agents' which results in little precipitation at bottom of the containers during storage.





The Original Oiled Neem Cake

Neem oil, Nimin, Nimbin
and Azadirachtin not extracted.

The Most trusted oiled neem
cake in India





- It is a nitrification inhibitor and prolongs the availability of nitrogen to both short duration and long duration crops.
- Neem cake organic manure protects plant roots from nematodes, soil grubs and azhukal disease. It also acts as a natural fertilizer with pesticidal properties.
- Neem seed cake also reduce alkalinity in soil, as it produces organic acids on decomposition. Being totally natural, it is compatible with soil microbes and rhizosphere microflora and hence ensures fertility of the soil.
- Neem cake improves the organic matter content of the soil, helping improve soil texture, water holding capacity, and soil aeration for better root development.
- Neem cake is effective in the management of insects and pests.
- The cake contains salannin, nimbin, azadirachtin and azadiradione as the major components. Of these, azadirachtin and meliantriol are used as locust antifeedants while salannin is used as an antifeedant for the root grubs and nematodes.



- Green X - A complete plant organic food developed from the house of Highrange Fertilizers.
- Green X - is formulated by concentrated and sincere efforts taken by our eminent research team by adopting the cutting edge and state of art technology.
- Green X - is highly effective for increasing the growth, yield and quality of spices plantation crops, vegetables and flowers. Further it also imparts biotic stress tolerance against pest and diseases and highly fit for organic farming.





- Green X - our unique organic formulation consists of major, secondary and micro nutrients sourced from organic concentrates as base and also contains plant growth promoting substances derived from natural sources.

Key Ingredients

Peanut Cake, Margosa Oil Cake Pongam Cake, Caster Oil Cake, Mahua Cake, Cotton Seed Oil Cake, Botanical extracts & concentrates, turmeric powder, Horse gram, Wild millets and grain mix.



GREEN-X[®]
GOLD

THE COMPLETE PLANT FOOD

ENRICHED WITH
BIO-INOCULANTS, NATURAL
CHELATES & FORTIFIED WITH MAJOR, SECONDARY
AND MICRO NUTRIENTS FROM ORGANIC SOURCES

N 0.5 P 0.5 K 0.5



COMPOSITION OF GREEN-X GOLD

1. Botanical concentrates viz., oil cakes and botanicals
2. Natural organic chelates viz., Humic acid and Fulvic acid
3. Naturally derived plant promoting substances viz., hydrolysed protein, auxins, cytokinins, gibberellins etc.,
4. Natural stress tolerance chitaneous substances
5. Organic sources of secondary and micro nutrients form
6. Bio-fertilizers and bio control agents
7. Antioxidants and conditioners



- It includes all organic nutrients thus enabling in reducing the usage of chemical fertilisers
- It helps in increasing the growth of roots and also helps in increased flowering in plants
- It helps in reducing the soil acidity and increases the humus content improving the soil structure
- If mixed with chemical fertilisers ,greenx gold enables in bringing out the best results from the crop

HIGHRANGE FERTILISERS



Meal

FOR LUXURIOUS ROOT
PLANT GROWTH & CROP YIELD

INDIGERI
AGRO



www.indigeri.com
1800 20 20 20
1800 20 20 20



HIGHRANGE
FERTILISERS
NUTRITION FOR THE FUTURE

At HighRange Fertilisers, we have
the expertise, technology and
resources to help you grow
the most successful crops and
livestock on your farm.



www.indigeri.com

Green-x Meal is a composition containing concentrated organic manure base materials blended with animal origin, concentrated oil cake substances and botanicals, which is ideally suitable for natural and eco farming. Plant meal is a complete natural fertilizer being mixture of bone, neem, castor, pungam, kadalai cakes, major and minor nutrients. It is highly beneficial for stimulating luxuriant root, plant growth which ultimately enhances the yield. It ensures the availability of all major nutrients (NPK) for longer period in the soil. It also improves the beneficial microbial activity and organic matter in the soil which ultimately improves the water holding capacity and aeration in the soil.

Major crops:- Cardomom, Black pepper, coffee, Rubber, Banana, Clove, Nutmeg, Cashew, Grapes, Mango, Tomato, Brinjal, Chillies, Gourds, Coconut, Pomegranate, Turmeric, Ginger etc.

This meal improves yield and produce quality of fruits with best keeping quality.





HUME-X

**AN ULTIMATE ORGANIC MANURE
FOR ALL CROPS PROCESSED
OUT OF AEROBIC COMPOSTING**

Bulky organic matters sourced from various animals viz, goat, sheep, cow, buffalo and chicken are collected from livestock farms and poultry units, which are then decomposed using composting bacterial culture by aerobic process for more than 120 days. After proper composting, the compost material is enriched with sugarcane baggase compost, rock phosphate, sweet potash, biofertilizers viz, azospirillum, azotobacter, phosphobacteria, and bio-control agents viz, trichoderma viridi, pseudomonas fluorescens. Finally the organic manure is sprinkled with organic chelating and growth promoting substances, viz, Humic acid, Amino acid, Seaweed and hydrolysed powder.



OUR OTHER IMPORTED PRODUCTS

Amino Acid- 80%

Amino Acid- 50%

Humic Acid- 90%

Fulvic Acid- 12%

Potassium Phosphonate - 40%

Seaweed Extract-Powder

Gibberellic Acid

CONCENTRATED OIL CAKES

Groundnut Cake

Castor Cake

Mahua Cake (Iluppai)

Pongamia Cake

Soyabean Seed & Cake

Horsegram Powder

Turmeric Powder

Neem Kernel Cake (export Fine Quality)



HRF-Bio Tech Other Products



VEP-X NIMOLIN

Enriched with azadirachtin

VEP-X PSEUDO

(Liquid & Powder)

VEP-X TRICHO

(Trichoderma Viride & Harzanium)

VEP-X VERTICILLIUM

(Liquid & Powder)

VEP-X AZATO

(Liquid & Powder)

VEP-X BEVEARIA

(Beauveria Bassiana)



INDOCERT

Input Approved in
Organic Agriculture


VEP-X BIO-POTASH

(Liquid & Powder)


VEP-X PHOSPHOBACTERIA

(Liquid & Powder)


VEP-X AZOSPIRILLUM

(Liquid & Powder)


VEP-X VAM

(Powder)


VEP-X PAECILOMYCES

(Powder)


VEP-X PGPR-1

(Powder)

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HIGHRANGE FERTILISERS

BIOTECH & RESEARCH CENTRE

AN ISO 9001-2015 CERTIFIED COMPANY

Puliyamala, Kattappana (S) P. O. Idukki, Kerala - 685515

Phone 04868 270133, 270233, Email : hrfbio@gmail.com

CUSTOMER CARE 9747111272 9747111273, 9747111274

www.highrangefertilisers.com

