

CROPS

Benefits by using Power plant Grow, Bloom, PPNP & PPFC of Green Planet Bio Products

1. Increase crop yield by 20-30%.
2. Reduce chemical nitrogen and phosphorus by 25%.
3. Stimulate plant Growth.
4. Activate the soil biologically.
5. Restore natural soil fertility.
6. Provide protection against drought, frost, Pest and diseases

Methods ;

Soil Treatment: 1 L. Power plant Grow or 1 L. Power plant Grow and 1L. Bloom mixes with 10 kg soil, water and 10 Kg. FYM, after proper mixing equally spread on 1- acre land at last ploughing

Seed Treatment: If seed has not treated with any chemical fungicide/ insecticide. It should treat with PPNP 5 g / kg seed.
If vegetative part (Sugarcane, Potato) used as seed then 0.1 % PPNP (1 ml / L) solution used for treatment. Seed can treat with Grow(10 ml / kg seed) after PPNP seed treatment.

Seedling Treatment: Dip roots of seedling in solution of PPFC / PPNP 1 g / Liter water during Transplanting for 1 hour.

Spray Treatment: Use 25 ml / Nap Sac sprayer (15 L water) or 1.5 ml / L water of Power plant Grow, Bloom, PPNP and PPFC (3g / L).

In fruit tree:

Grow / Bloom, use 40 ml per tree in 6" deep hole @ 10 ml per hole in each direction (N. S. E. W.) around the plant at 3 week before flowering and repeat at fruit setting stage. Make four holes in the North, South, East and West directions that is 3/4th distance away from the stem and put 10 ml Grow / Bloom in each hole and cover it with soil, no need of water.

After harvesting- Give one more application of Grow to stimulate more spur formation to get more fruit in the next season.

Disease control- Use PPFC @ 2.5-3 gm. per litre of water as the symptoms appears. PPFC can use only against those diseases that are mentioned in the PPFC dose chart.

Pest control- Insects can managed with the help of PPNP@1.0-1.5 ml per litre of water but to get good results time of application is most important that is during egg laying stage to destroy the eggs. If pest attack is very serious then suitable chemical pesticides can used.

Use: All Bio products Grow, Bloom PPFC and PPNP can be use as soil, seed, seedling and spray treatment.

RICE / PADDY



INTRODUCTION

India is one of the major rice (*Oryza sativa*) producing and consuming countries in the world. Indian yield however is low compare to the other rice producing nations, at around 2,850 kilograms of paddy per hectare where as Egypt yielding 7,603 kilograms of paddy per hectare.

How to use Power plant Grow & Bloom and PPNP & PPFC of Green Planet Bio Products

1. Seed treatment with PPNP 5 g / kg seed and drying under shade for disease resistance; control various pests and improving germination.
2. Soil treatment of Power plant Grow 1 L. / acre before sowing and two spray at 20 and 40 days after transplanting.
3. Dip roots of seedling in PPFC 1 g / Liter solution during Transplanting.
4. Spray PPNP 1.5 ml / Liter water to control various pests.
5. Spray PPFC 3 g / Liter water to control various diseases.
6. Two spray of Bloom first is during ear initiation stage and second is at grain setting stage.
7. Reduce chemical nitrogen and phosphorus by 25% from the recommended.

COTTON (Kapas)



INTRODUCTION

Cotton (Gossipium spp.) is one of the most important fibre crops playing a key role in economic and social affairs of the world. The oil content in the cottonseed ranges from 15-25 per cent depending on the varieties. Cotton seed cake after extraction of oil is a good concentrated feed for cattle.

How to use Power plant Grow & Bloom and PPNP & PPFC of Green Planet Bio Products

1. Seed treatment with PPNP 5 g / kg seed and drying under shade for seed and soil born disease resistance, control various pests and improving germination.
2. Soil treatment of Power plant Grow 1 L / acre before sowing and two spray after 20 and 40 days after germination.
3. Spray PPNP 1.5 ml / Liter water to control various pests.
4. Spray PPFC 3 g / Liter water to control various diseases.
5. Four spray of Bloom from flower initiation stage at 15 days interval.
6. Reduce chemical nitrogen and phosphorus by 25% from the recommended.

GROUND NUT (Moongfali, Sing Dana)



INTRODUCTION

Groundnut (*Arachis hypogea*) has the first place among all the oilseed crops in India accounting for more than 40 per cent acreage and 60 per cent production in the country. Groundnut is also known as peanut, earthnut, monkey nut, goober, and Manila nut. Groundnut seed contains about 45 per cent oil. Groundnuts are a good source of all B vitamins except B12.

How to use Power plant Grow & Bloom and PPNP & PPFC of Green Planet Bio Products

1. Seed treatment with PPNP 5 g / kg seed and drying under shade for seed and soil born disease resistance, control various pests and improving germination.
2. Soil treatment of Power plant Grow 1 L. / acre and Bloom 1 L / acre before sowing and two spray of Grow at 20 and 40 days after germination.
3. Spray PPNP 1.5 ml / Liter water to control various pests.
4. Spray PPFC 3 g / Liter water to control various diseases.
5. Two spray of Bloom; one is during flower initiation stage and second is at pegging stage.
6. Reduce chemical nitrogen and phosphorus by 25% from the recommended.

SUGARCANE (Eekh, Ganna)



INTRODUCTION

Sugarcane (*Saccharum officinarum* L.) is the main source of sugar in India and holds a prominent position as a cash crop. India is the largest producer of sugar and sugarcane. The sugar industry is the second largest agro-based industry of India in economic returns, employment potential and poverty alleviation through rural uplift.

How to use Power plant Grow & Bloom and PPNP & PPFC of Green Planet Bio Products

1. Seed treatment with PPNP 0.1 % solution and drying under shade for seed and soil born disease resistance, control various pests and improving germination.
2. Soil treatment of Power plant Grow 1 L / acre and Bloom 1 L / acre before sowing and two sprays of grow at 30 and 60 days after germination.
3. Spray PPNP 1.5 ml / Liter water to control various pests.
4. Spray PPFC 3 g / Liter water to control various diseases.
5. Soil treatment of Bloom 2 L / acre at 150 DAS.
6. Spray Bloom 1.5 ml / Liter water at 210 and 240 DAS.
7. Reduce chemical nitrogen and phosphorus by 25% from the recommended.

DAS - Days after Sowing

SOYBEAN



INTRODUCTION

Soybean (Glycine max) poses a very high nutritional value. It contains about 20 per cent oil and 40 per cent high quality protein. In addition, it contains a good amount of minerals, salts and vitamins (thiamine and riboflavin). Its forage and cake are excellent nutritive foods for livestock and poultry. Soybean being the richest, cheapest and easiest source of best quality proteins and fats and having a vast multiplicity of uses as food and industrial products is sometimes called a wonder crop.

How to use Power plant Grow & Bloom and PPNP & PPFC of Green Planet Bio Products

1. Seed treatment with PPNP 5 g / kg seed and drying under shade for seed and soil born disease resistance, control various pests and improving germination.
2. Soil treatment of Power plant Grow 1 L / acre before sowing and two sprays at 20 and 40 days after germination.
3. Spray PPNP 1.5 ml / Liter water to control various pests.
4. Spray PPFC 3 g / Liter water to control various diseases.
5. Two spray of Bloom, one is during flower initiation stage and second is at pod stage
6. Reduce chemical nitrogen and phosphorus by 25% from the recommended.

MAIZE / CORN



INTRODUCTION

Maize (Zea mays L.) is one of the most important crops in world agricultural economy. It has yield potential far higher than any other cereal and that is why it is referred to the 'Queen of Cereals.' the consumption pattern for maize produced in India at present: Human Consumption 35%, Poultry Feed 25% from the recommended, Cattle Feed 25% from the recommended, and Food processing 15%

How to use Power plant Grow & Bloom and PPNP & PPFC of Green Planet Bio Products

1. Seed treatment with PPNP 5 g / kg seed and drying under shade for seed and soil born disease resistance, control various pests and improving germination.
2. Soil treatment of Power plant Grow 1 L / acre before sowing and two sprays at 20 and 40 days after germination.
3. Spray PPNP 1.5 ml / Liter water to control various pests.
4. Spray PPFC 3 g / Liter water to control various diseases.
5. Two spray of Bloom; one is during Silking initiation stage and second is at grain stage.
6. Reduce chemical nitrogen and phosphorus by 25% from the recommended.

PULSE CROPS



MOONG (Green Gram) / MOTH / URD (Black Gram) / ARHAR (Pigeon pea)

INTRODUCTION

Pulses constitute an important part of human food. Pulses are valued for their high protein content and protein quality and thus, supplement the cereal-based diets. The protein content of most pulses ranges from 17-24 percent, which is almost 2-3 times more than that, found in cereals. . Among Kharif pulses Green Gram (Moong) / Moth / Urd (Black Gram) / Arhar (Pigeon pea), are the most important. The average yield, however, is very low. The important reasons for such low yields are lack of high yielding varieties of wider adaptability and stability, susceptibility to various diseases and pests and lack of management

How to use Power plant Grow & Bloom and PPNP & PPFC of Green Planet Bio Products

1. Seed treatment with PPNP 5 g / kg seed and drying under shade for seed and soil born disease resistance, control various pests and improving germination.
2. Soil treatment of Power plant Grow 1 L / acre before sowing and two sprays at 10 and 20 days after germination.
3. Spray PPNP 1.5 ml / Liter water to control various pests.
4. Spray PPFC 3 g / Liter water to control various diseases.
5. Two spray of Bloom; one is during flower initiation stage and second is at pod stage.
6. Reduce chemical nitrogen and phosphorus by 25% from the recommended.

SUNFLOWER (Surajmukhi)



INTRODUCTION

Sunflower (*Helianthus annuus* L.) Known as `Surajmukhi", is an oilseed crop. Sunflower holds great promise because of its short duration, photo-insensitivity, and wide adaptability and drought tolerance. It can grow at any time of the twice in a year and can serve as an ideal catch crop. Sunflower oil is a rich source (64%) of linoleic acid, which helps in washing out cholesterol deposition in the coronary arteries of the heart and thus is good for heart patients. Oil also used in the manufacture of soaps and cosmetics. The oil cake contains 40-44 per cent high quality protein. It is ideally suited for poultry and livestock rations.

How to use Power plant Grow & Bloom and PPNP & PPFC of Green Planet Bio Products

1. Seed treatment with PPNP 5 g / kg seed and drying under shade for seed and soil born disease resistance, control various pests and improving germination.
2. Soil treatment of Power plant Grow 1 L / acre before sowing and two sprays at 20 and 40 days after germination.
3. Spray PPNP 1.5 ml / Liter water to control various pests.
4. Spray PPFC 3 g / Liter water to control various diseases.
5. Two spray of Bloom; one is during flower initiation stage and second is at grain stage.
6. Reduce chemical nitrogen and phosphorus by 25% from the recommended.

CASTER (Arand)



INTRODUCTION

Castor (*Ricinus communis* L.) is grown for its oil-yielding seeds. The oil contents of the seeds about 47 per cent. Castor finds a place of prestige in the cropping systems of dry-land agriculture in semi-arid zones of India, because of its deep root system, drought hardiness, and quick growth. Castor oil finds a number of uses for domestic, medicinal and industrial purposes. Dehydrated castor oil is in demand for paints and varnishes because of its non-yellowing quality. Castor oil is used as a lubricant.

How to use Power plant Grow & Bloom and PPNP & PPFC of Green Planet Bio Products

1. Seed treatment with PPNP 5 g / kg seed and drying under shade for seed and soil born disease resistance, control various pests and improving germination.
2. Soil treatment of Power plant Grow 1 L / acre before sowing and two sprays at 20 and 40 days after germination.
3. Spray PPNP 1.5 ml / Liter water at flowering stage.
4. Two spray of Bloom, one is during flower initiation stage and second is at capsule stage.
5. Reduce chemical nitrogen and phosphorus by 25% from the recommended.

GUAR (Cluster bean)



INTRODUCTION

The Guar (*Cyamopsis tetragonoloba*) or cluster bean is an annual drought hardy legume and the source of guar gum. The young tender pods can eat as vegetables and the seeds are use as livestock feed. The plants also grow as a green manure or used as fodder. A water-soluble natural resin also obtained from the seeds and used in the food, paper, mining and petroleum.

How to use Power plant Grow & Bloom and PPNP & PPFC of Green Planet Bio Products

1. Seed treatment with PPNP 5 g / kg seed and drying under shade for seed and soil born disease resistance, control various pests and improving germination.
2. Soil treatment of Power plant Grow 1 L / acre before sowing and two sprays at 20 and 40 days after germination.
3. Spray PPNP 1.5 ml / Liter water to control various pests.
4. Two spray of Bloom, one is during flower initiation stage and second is at pod stage.
5. Reduce chemical nitrogen and phosphorus by 25% from the recommended.

JOWAR (Sorghum)



INTRODUCTION

Sorghum (*Sorghum bicolor*) or White Millet popularly known as jowar is the most important extremely drought tolerant food and fodder crop. In India, sorghum grain is grinding it into flour and preparing 'chapattis'. This grain is also fed to cattle, poultry and swine. Sorghum grain contains about 10-12 per cent protein, 3 per cent fat and 70 per cent carbohydrates; therefore, it can satisfactorily replace other grains in the feeding programme for dairy cattle, poultry and swine.

How to use Power plant Grow & Bloom and PPNP & PPFC of Green Planet Bio Products

1. Seed treatment with PPNP 5 g / kg seed and drying under shade for seed and soil born disease resistance, control various pests and improving germination.
2. Soil treatment of Power plant Grow 1 L / acre before sowing and two sprays at 20 and 40 days after germination.
3. Spray PPNP 1.5 ml / Liter water to control various pests.
4. Spray PPFC 3 g / Liter water to control various diseases.
5. Two spray of Bloom; one is during ear initiation stage and second is at grain setting stage.
6. Reduce chemical nitrogen and phosphorus by 25% from the recommended.

BAJRA (Pearl millet)



INTRODUCTION

Pearl millet (*Pennisetum glaucum*) is the most widely grown type of millet. Pearl millet is well adapted to growing areas characterized by drought, low soil fertility, and high temperature. It performs well in soils with high salinity or low pH. Because of its tolerance to difficult growing conditions, more and more farmers are now focusing at low-cost, risk-free and short cycle crops like bajra.

How to use Power plant Grow & Bloom and PPNP & PPFC of Green Planet Bio Products

1. Seed treatment with PPNP 5 g / kg seed and drying under shade for seed and soil born disease resistance, control various pests and improving germination.
2. Soil treatment of Power plant Grow 1 L / acre before sowing and two sprays at 20 and 40 days after germination.
3. Spray PPNP 1.5 ml / Liter water to control various pests.
4. Spray PPFC 3 g / Liter water to control various diseases.
5. Two spray of Bloom one is during ear initiation stage and second is at grain setting stage.
6. Reduce chemical nitrogen and phosphorus by 25% from the recommended.

TIL (Sesame)



INTRODUCTION

Sesame (*Sesamum indicum* L.), also known as til and gingelly, is an important oil-yielding crop. Its oil content generally varies from 46 to 52 per cent. Its grains may eat fried, mixed with sugar or in the form of sweetmeats. Sesame oil uses as a cooking-oil in southern India. It also used for anointing the body, for manufacturing perfumed oils and for medicinal purposes. Sesame-cake is a rich source of protein, carbohydrates and mineral nutrients, such as calcium and phosphorus.

How to use Power plant Grow & Bloom and PPNP & PPFC of Green Planet Bio Products

1. Seed treatment with PPNP 5 g / kg seed and drying under shade for seed and soil born disease resistance, control various pests and improving germination.
2. Soil treatment of Power plant Grow 1 L / acre before sowing and two sprays at 20 and 40 days after germination.
3. Spray PPNP 1.5 ml / Liter water to control various pests.
4. Spray PPFC 3 g / Liter water to control various diseases.
5. Two spray of Bloom, one is during flower initiation stage and second is at pod stage.
6. Reduce chemical nitrogen and phosphorus by 25% from the recommended.

WHEAT (Gehun)



INTRODUCTION

Wheat (Triticum spp) importance in Indian agriculture is second to only rice. Wheat flour based products, such as the chapati, are part of the staple diet in most parts of India - particularly in northern India. Wheat straw is also use for feeding cattle. The Green Revolution, which was initiate in the country in the late 1960s, has had a very significant effect in increasing the yield of wheat

How to use Power plant Grow & Bloom and PPNP & PPFC of Green Planet Bio Products

1. Seed treatment with PPNP 5 g / kg seed and drying under shade for seed and soil born disease resistance, control various pests and improving germination.
2. Soil treatment of Power plant Grow 1 L / acre before sowing and two sprays at 20 and 40 days after germination.
3. Spray PPNP 1.5 ml / Liter water to control various pests.
4. Spray PPFC 3 g / Liter water to control various diseases.
5. Two spray of Bloom one is during ear initiation stage and second is at grain setting stage.
6. Reduce chemical nitrogen and phosphorus by 25% from the recommended.

BARLEY (Jav)



INTRODUCTION

Barley (Hordium vulgare) is an important Rabi crop. For human consumption, it is largely consumed by the poor classes either as flour for chapati making, pure or mixed with wheat or gram flour, or as parched grains to make sattu. However, almost 60 per cent of the total barley produced in India is consumed as cattle feed. Barley is also used in the manufacture of malt and beer, ayurvedic medicine, cocoa-malt drinks and baby foods. With the coming up of many new breweries, after the liberalized licensing policy, the share of barley in the production of malt for the manufacture of beer is expected to rise.

How to use Power plant Grow & Bloom and PPNP & PPFC of Green Planet Bio Products

1. Seed treatment with PPNP 5 g / kg seed and drying under shade for seed and soil-borne disease resistance, control various pests and improving germination.
2. Soil treatment of Power plant Grow 1 L / acre before sowing and two sprays at 20 and 40 days after germination.
3. Spray PPNP 1.5 ml / Liter water to control various pests.
4. Spray PPFC 3 g / Liter water to control various diseases.
5. Two sprays of Bloom, one is during ear initiation stage and the second is at grain setting stage.
6. Reduce chemical nitrogen and phosphorus by 25% from the recommended.

MUSTARD (Rae, Sarson)



INTRODUCTION

Indian mustard (*Brassica juncea*) is one of the major oilseed crops cultivated in India. Rajasthan ranks first in area, production and productivity of mustard. Mustard-Rapeseed is the second major oilseed in India. It contributes nearly 19.5 and 22.5 per cent to the oilseeds acreage and production respectively. The productivity in India is about 65 per cent of world average. Since, it is a rich source of unsaturated fatty acid with lowest concentration of saturated fatty acid; it is nutritionally superior compared to other oilseeds.

How to use Power plant Grow & Bloom and PPNP & PPFC of Green Planet Bio Products

1. Seed treatment with PPNP 5 g / kg seed and drying under shade for seed and soil born disease resistance, control various pests and improving germination.
2. Soil treatment of Power plant Grow 1 L / acre before sowing and two sprays at 20 and 40 days after germination.
3. Spray PPFC 3 g / Liter water to control various diseases.
4. Spray PPNP 1.5 ml / Liter water to control various pests.
5. Two spray of Bloom, one is during flower initiation stage and second is at pod stage
6. Reduce chemical nitrogen and phosphorus by 25% from the recommended.

GRAM (Chick Pea) Chana



INTRODUCTION

Gram, 'chana', or chickpea (*Cicer arietinum*) is a very important crop of pulses. Dal, besan (flour), crushed or whole gram, boiled or parched, roasted or cooked, salted or unsalted or sweet preparations and green foliage and grain, as vegetables, are the important forms in which the people consume it. Germinated seeds are recommended to cure scurvy. Malic and oxalic acids collected from green leaves are prescribed for intestinal disorders. Soaked grain and husk fed to horses and cattle as concentrate and roughage, respectively.

How to use Power plant Grow & Bloom and PPNP & PPFC of Green Planet Bio Products

1. Seed treatment with PPNP 5 g / kg seed and drying under shade for seed and soil born disease resistance, control various pests and improving germination.
2. Soil treatment of Power plant Grow 1 L / acre before sowing and two sprays at 20 and 40 days after germination.
3. Spray PPFC 3 g / Liter water to control various diseases.
4. Spray PPNP 1.5 ml / Liter water to control various pests.
5. Two spray of Bloom, one is during flower initiation stage and second is at pod stage
6. Reduce chemical nitrogen and phosphorus by 25% from the recommended.

FORAGE CROPS

1. BERSEEM (Trifolium alexandrum)
2. LUCERN (Medicago sativa)
3. OAT (Avena sativa)



How to use Power plant Grow & Bloom and PPNP & PPFC of Green Planet Bio Products

1. Seed treatment with PPNP 5 g / kg seed and drying under shade for seed and soil born disease resistance, control various pests and improving germination.
2. Soil treatment of Power plant Grow 1 L / acre before sowing.
3. Spray of Power plant Grow 1.5ml / L water after each cutting.
4. Spray PPNP 1.5 ml / Liter water to control various pests.
5. Reduce chemical nitrogen and phosphorus by 25% from the recommended.

APPLE (Seb)



INTRODUCTION

Apple (Malus pumila Mill.) is a temperate fruit grown at a height of 7000-9000 feet. In India apple, based industries form the backbone of the economy of the two major producing states of Jammu & Kashmir and Himachal Pradesh. Apples are mostly consumed fresh but a small part of the production is processed into juices, jellies, canned slices and other items.

How to use Power plant Grow & Bloom and PPNP & PPFC of Green Planet Bio Products

1. At the time of planting pits are refilled with topsoil mixed with 5 ml of PPNP and 5 ml of Power plant Grow.
2. After planting up to first fruiting stage treat soil with Grow 1 L / acre / twice in a year at the time of spring season and onset of monsoon.
3. **In fruiting trees-** 3-4 weeks before flowering use grow@40-60 ml per plant, that is 10-15 ml per hole. Make four holes in the North, South, East and West directions that is 3/4th distance away from the stem and put 10 ml Grow in each hole and cover it with soil, no need of water.
4. At Fruit setting stage-Repeat the above method for Bloom application, that is 10-15 ml per hole. Afterwards start foliar application of Bloom at peanut stage @1.5 ml per litre of water at 15-20 days interval upto mid fruit development stage.
5. Disease control- Use PPFC @2.5-3 gms per litre of water.
6. Pest control - Use PPNP@1.0-1.5 ml. per litre of water.
7. After harvesting- Give one more application of Grow to stimulate more spur formation to get more fruit in the next season.
8. Reduce chemical nitrogen and phosphorus by 25% from the recommended.

BANANA (Kela)



INTRODUCTION

Banana (Musa sp.) is the second most important fruit crop in India next to mango. It is twice in a year round availability, affordability, varieties range, taste, nutritive and medicinal value makes it the favorite fruit among all classes of people. It has also good export potential. Hi-tech cultivation of the crop is an economically viable enterprise leading to increase in productivity, improvement in produce quality and early crop maturity with the produce commanding premium price.

How to use Power plant Grow & Bloom and PPNP & PPFC of Green Planet Bio Products

1. At the time of planting soil treatment with 1L Grow and 1 L Bloom.
2. The seedlings planted in the row after treating with PPFC 3 g / L water and soil around is compacted. The field irrigated immediately after planting.
3. After planting up to flowering stage treat soil with Grow 1 L / acre / month.
4. Spray PPFC 3 g / Liter water to control various diseases.
5. Spray PPNP 1.5 ml / Liter water to control various pests.
6. At the time of flowering soil treatment with 2 L Bloom / acre / month for 3 month.
6. Reduce chemical nitrogen and phosphorus by 25% from the recommended.

MANGO (Aam)



INTRODUCTION

Mango (Mangifera indica L.) is the most important commercially grown fruit crop of the country. It is called the king of fruits. India has the richest collection of mango cultivars. India ranks first among world's mango producing countries accounting for about 50% of the world's mango production. It is a rich source of vitamin A and C.

How to use Power plant Grow & Bloom and PPNP & PPFC of Green Planet Bio Products

1. At the time of planting pits are refilled with topsoil mixed with 5 ml of PPNP and 5 ml of Power plant Grow.
2. After planting up to first fruiting stage treat soil with Grow 1 L / acre / twice in a year at the time of spring season and onset of monsoon.
3. **In fruiting trees-** 3-4 weeks before flowering use grow@40-60 ml per plant, that is 10-15ml per hole. Make four holes in the North, South, East and West directions that is 3/4th distance away from the stem and put 10 ml Grow in each hole and cover it with soil, no need of water.
4. At Fruit setting stage-Repeat the above method for Bloom application, that is 10-15 ml per hole. Afterwards start foliar application of Bloom at peanut stage @1.5 ml per litre of water at 15-20 days interval upto mid fruit development stage.
5. Disease control- Use PPFC @2.5-3 gms per litre of water.
6. Pest control- Use PPNP@1.0 -1.5 ml per litre of water.
7. After harvesting- Give one more application of Grow to stimulate more spur formation to get more fruit in the next season.
8. Reduce chemical nitrogen and phosphorus by 25% from the recommended.

PAPAYA (PAPITA)



INTRODUCTION

Papaya (*Carica papaya*) is a tropical fruit having commercial importance because of its high nutritive and medicinal value. Fruit is a rich source of vitamin A and C. It has a high nutritive and medicinal value. Papain prepared from dried latex of its immature fruits is used in meat tenderizing, manufacture of chewing gum, cosmetics, and degumming natural silk and to give shrink resistance to wool. It is also used in pharmaceutical industries, textile and garment cleaning paper and adhesive manufacture, sewage disposal etc.

How to use Power plant Grow & Bloom and PPNP & PPFC of Green Planet Bio Products

1. At the time of planting soil treatment with 1L Grow and 1 L Bloom.
2. The seedlings planted in the row after treating with PPFC 3 g / L water and soil around is compacted. The field irrigated immediately after planting.
3. Spray PPFC 3 g / Liter water to control various diseases.
4. Spray PPNP 1.5 ml / Liter water to control various pests.
5. Spray of Power plant Grow 1.5 ml / L water at 1-month interval up to flowering.
6. At the time of flowering soil treatment with 1L Grow and 1 L Bloom
7. Spray Bloom 1.5 ml / L water from flowering at 1-month interval.
8. Reduce chemical nitrogen and phosphorus by 25% from the recommended.

GRAPE (Angoor)



INTRODUCTION

Grape (*Vitis sp.*) is a commercially important fruit crop of India. It is a temperate crop, which has got adapted to sub-tropical climate. The fruit contains about 20% sugar in easily digestible form besides being rich in calcium and phosphorus. World over it is grown mainly for wine making (82% production), raisin making (10% production) and rest for table purpose (8%).

How to use Power plant Grow & Bloom and PPNP & PPFC of Green Planet Bio Products

1. At the time of planting pits are refilled with topsoil mixed with 5 ml of PPNP and 5 ml of Power plant Grow.
2. After planting up to first fruiting stage treat soil with Grow 1 L / acre / twice in a year at the time of spring season and onset of monsoon.
3. **In fruiting trees-** 3-4 weeks before flowering use grow@40-60 ml per plant, that is 10-15ml per hole. Make four holes in the North, South, East and West directions that is 3/4th distance away from the stem and put 10 ml Grow in each hole and cover it with soil, no need of water.
4. At Fruit setting stage-Repeat the above method for Bloom application, that is 10-15 ml per hole. Afterwards start foliar application of Bloom at peanut stage @1.5 ml per litre of water at 15-20 days interval upto mid fruit development stage.
5. Disease control- Use PPFC @2.5-3 gms per litre of water.
6. Pest control- Use PPNP@1.0-1.5 ml per litre of water.
7. After harvesting- Give one more application of Grow to stimulate more spur formation to get more fruit in the next season.
8. Reduce chemical nitrogen and phosphorus by 25% from the recommended.

GUAVA (Amrood)



INTRODUCTION

Guava (*Psidium guajava*) is one of the important commercial fruits in India. It is the fourth most important fruit after mango, banana and citrus. The fruit is a good source of vitamin C, pectin, calcium and phosphorus. The fruit is used for the preparation of processed products like jams, jellies and nectar.

How to use Power plant Grow & Bloom and PPNP & PPFC of Green Planet Bio Products

1. At the time of planting pits are refilled with topsoil mixed with 5 ml of PPNP and 5 ml of Power plant Grow.
2. After planting up to first fruiting stage treat soil with Grow 1 L / acre / twice in a year at the time of spring season and onset of monsoon.
3. **In fruiting trees-** 3-4 weeks before flowering use grow@40-60 ml per plant, that is 10-15ml per hole. Make four holes in the North, South, East and West directions that is $\frac{3}{4}$ th distance away from the stem and put 10 ml Grow in each hole and cover it with soil, no need of water.
4. At Fruit setting stage-Repeat the above method for Bloom application, that is 10-15 ml per hole. Afterwards start foliar application of Bloom at peanut stage @1.5 ml per litre of water at 15-20 days interval upto mid fruit development stage.
5. Disease control- Use PPFC @2.5-3 gms per litre of water.
6. Pest control- Use PPNP @1.0-1.5 ml per litre of water.
7. After harvesting- Give one more application of Grow to stimulate more spur formation to get more fruit in the next season.
8. Reduce chemical nitrogen and phosphorus by 25% from the recommended.

CITRUS (Lime, Orange, Kinnow, Mausami)



INTRODUCTION

Citrus (Citrus spp) is grown in almost all the states of India. Citrus fruits, consisting of mandarin orange (Citrus reticulata), sweet orange [C. sinensis] and lime [C. aurantifolia] are grown commercially in tropical, subtropical, arid irrigated and mountainous regions in varying soil and weather conditions. Citrus trees are grown in almost all kinds of soil, varying from heavy black soils to shallow open soils.All types of **citrus fruits** are rich in vitamin C

How to use Power plant Grow & Bloom and PPNP & PFC of Green Planet Bio Products

1. At the time of planting pits are refilled with topsoil mixed with 5 ml of PPNP and 5 ml of Power plant Grow.
2. After planting up to first fruiting stage treat soil with Grow 1 L / acre / twice in a year at the time of spring season and onset of monsoon.
3. **In fruiting trees**- 3-4 weeks before flowering use grow@40-60 ml per plant, that is 10-15ml per hole. Make four holes in the North, South, East and West directions that is 3/4th distance away from the stem and put 10 ml Grow in each hole and cover it with soil, no need of water.
4. At Fruit setting stage-Repeat the above method for Bloom application, that is 10-15 ml per hole. Afterwards start foliar application of Bloom at peanut stage @1.5 ml per litre of water at 15-20 days interval upto mid fruit development stage.
5. Disease control- Use PFC @2.5-3 gms per litre of water.
6. Pest control- Use PPNP@1.0-1.5 ml per litre of water.
7. After harvesting- Give one more application of Grow to stimulate more spur formation to get more fruit in the next season.
8. Reduce chemical nitrogen and phosphorus by 25% from the recommended.

LITCHI (Chin fruit)



INTRODUCTION

Litchi (Litchi chinensis) is an important summer fruit crop of India. It is consumed both fresh as well as processed to make jams, jellies and squashes. India's litchi production is concentrated around Muzaffarpur. The main varieties are Shahi, China, Longina, and Madras. At present, India is the second largest producer of litchi in the world after China.

How to use Power plant Grow & Bloom and PPNP & PPFC of Green Planet Bio Products

1. At the time of planting pits are refilled with topsoil mixed with 5 ml of PPNP and 5 ml of Power plant Grow.
2. After planting up to first fruiting stage treat soil with Grow 1 L / acre / twice in a year at the time of spring season and onset of monsoon.
3. **In fruiting trees-** 3-4 weeks before flowering use grow@40-60 ml per plant, that is 10-15ml per hole. Make four holes in the North, South, East and West directions that is $\frac{3}{4}$ th distance away from the stem and put 10 ml Grow in each hole and cover it with soil, no need of water.
4. At Fruit setting stage-Repeat the above method for Bloom application, that is 10-15 ml per hole. Afterwards start foliar application of Bloom at peanut stage @1.5 ml per litre of water at 15-20 days interval upto mid fruit development stage.
5. Disease control- Use PPFC @2.5-3 gms per litre of water.
6. Pest control- Use PPNP@1.0-1.5 ml per litre of water.
7. After harvesting- Give one more application of Grow to stimulate more spur formation to get more fruit in the next season.
8. Reduce chemical nitrogen and phosphorus by 25% from the recommended.

PINEAPPLE (Ananas)



INTRODUCTION

Pineapple [Ananas comosus] is one of the commercially important fruit crops of India. Pineapple is a good source of vitamin A and B and fairly rich in vitamin C and minerals like calcium, magnesium, potassium and iron. It is also a source of bromelin a digestive enzyme. In addition to being eaten fresh, the fruit can also be canned and processed in different forms.

How to use Power plant Grow & Bloom and PPNP & PPFC of Green Planet Bio Products

1. At the time of planting soil treatment with 1L Grow and 1 L Bloom per acre.
2. The seedlings planted in the row after treating with PPFC 3 g / L water and soil around is compacted. The field irrigated immediately after planting.
3. Spray PPFC 3 g / Liter water to control various diseases.
4. Spray PPNP 1.5 ml / Liter water to control various pests.
5. Spray of Power plant Grow 1.5 ml / L water at 1-month interval up to flowering.
6. At the time of flowering soil treatment with 1L Grow and 1 L Bloom
7. Spray Bloom 1.5 ml / L water from flowering at 1-month interval.
8. Reduce chemical nitrogen and phosphorus by 25% from the recommended.

SAPOTA (Chiku)



INTRODUCTION

Sapota (Achras zapota) commonly known as Chiku is mainly cultivated in India for its fruit value, The fruit is a good source of digestible sugar (15-20%) and an appreciable source of protein, fat, fibre and minerals (Ca, P and Fe.) Sapota pulp is used for making sweets and halwas. It is also an ingredient of fruit salads and milk shakes. The milky latex secreted by unripe sapota fruits, known as chuckle forms the base for making chick let and chewing gum.

How to use Power plant Grow & Bloom and PPNP & PPFC of Green Planet Bio Products

1. At the time of planting pits are refilled with topsoil mixed with 5 ml of PPNP and 5 ml of Power plant Grow.
2. After planting up to first fruiting stage treat soil with Grow 1 L / acre / twice in a year at the time of spring season and onset of monsoon.
3. **In fruiting trees-** 3-4 weeks before flowering use grow@40-60 ml per plant, that is 10-15ml per hole. Make four holes in the North, South, East and West directions that is 3/4th distance away from the stem and put 10 ml Grow in each hole and cover it with soil, no need of water.
4. At Fruit setting stage-Repeat the above method for Bloom application, that is 10-15 ml per hole. Afterwards start foliar application of Bloom at peanut stage @1.5 ml per litre of water at 15-20 days interval upto mid fruit development stage.
5. Disease control- Use PPFC @2.5-3 gms per litre of water.
6. Pest control- Use PPNP@1.0-1.5 ml per litre of water.
7. After harvesting- Give one more application of Grow to stimulate more spur formation to get more fruit in the next season.
8. Reduce chemical nitrogen and phosphorus by 25% from the recommended.

POMEGRANATE (Anar)



INTRODUCTION

Pomegranate (*Punica granatum*) is one of the commercially important fruit crops of India. It is native to Iran (Persia). Fruit consumed fresh or in the form of juice, jam, squash and syrup. Among all forms, canned slices and juice are in much demand in India, constituting about 70% of the production.

How to use Power plant Grow & Bloom and PPNP & PPFC of Green Planet Bio Products

1. At the time of planting pits are refilled with topsoil mixed with 5 ml of PPNP and 5 ml of Power plant Grow.
2. After planting up to first fruiting stage treat soil with Grow 1 L / acre / twice in a year at the time of spring season and onset of monsoon.
3. **In fruiting trees-** 3-4 weeks before flowering use grow@40-60 ml per plant, that is 10-15ml per hole. Make four holes in the North, South, East and West directions that is 3/4th distance away from the stem and put 10 ml Grow in each hole and cover it with soil, no need of water.
4. At Fruit setting stage-Repeat the above method for Bloom application, that is 10-15 ml per hole. Afterwards start foliar application of Bloom at peanut stage @1.5 ml per litre of water at 15-20 days interval upto mid fruit development stage.
5. Disease control- Use PPFC @2.5-3 gms per litre of water.
6. Pest control- Use PPNP@1.0-1.5 ml per litre of water.
7. After harvesting- Give one more application of Grow to stimulate more spur formation to get more fruit in the next season. Reduce chemical nitrogen and phosphorus by 25% from the recommended.

PLUM (Alu Bukhara)



INTRODUCTION

Plums (Prunus salicina) are stone fruit trees of the genus Prunes, It comes in a wide array of shapes and sizes and skin Colours. They exist in two contrasting flavors, both sweet and tart. Some varieties among dried to make prunes. Even after drying, they do not loose their sweetness. Plums are rich source of a number of vitamins and minerals. They are an excellent source of potassium, and contain ample amounts of vitamins A, C and E.

How to use Power plant Grow & Bloom and PPNP & PFC of Green Planet Bio Products

1. At the time of planting pits are refilled with topsoil mixed with 5 ml of PPNP and 5 ml of Power plant Grow.
2. After planting up to first fruiting stage treat soil with Grow 1 L / acre / twice in a year at the time of spring season and onset of monsoon.
3. **In fruiting trees**- 3-4 weeks before flowering use grow@40-60 ml per plant, that is 10-15ml per hole. Make four holes in the North, South, East and West directions that is $\frac{3}{4}$ th distance away from the stem and put 10 ml Grow in each hole and cover it with soil, no need of water.
4. At Fruit setting stage-Repeat the above method for Bloom application, that is 10-15 ml per hole. Afterwards start foliar application of Bloom at peanut stage @1.5 ml per litre of water at 15-20 days interval upto mid fruit development stage.
5. Disease control- Use PFC @2.5-3 gms per litre of water.
6. Pest control- Use PPNP@1.0-1.5 ml per litre of water.
7. After harvesting- Give one more application of Grow to stimulate more spur formation to get more fruit in the next season.
8. Reduce chemical nitrogen and phosphorus by 25% from the recommended.

JAMUN – Indian Blackberry



INTRODUCTION

Jamun (*Syzygium cumini*) tree is an evergreen tropical tree .70% of the jamun fruit is edible and glucose and fructose are the major sugars found in the ripe fruit. Sucrose is completely absent from the fruit. The leaves are antibacterial, and used for strengthening the teeth and gums. The fruit and seeds are sweet, acid, sour, tonic, and cooling, used in diabetes, diarrhea and ringworm.

How to use Power plant Grow & Bloom and PPNP & PPFC of Green Planet Bio Products

1. At the time of planting pits are refilled with topsoil mixed with 5 ml of PPNP and 5 ml of Power plant Grow.
2. After planting up to first fruiting stage treat soil with Grow 1 L / acre / twice in a year at the time of spring season and onset of monsoon.
3. **In fruiting trees-** 3-4 weeks before flowering use grow@40-60 ml per plant, that is 10-15ml per hole. Make four holes in the North, South, East and West directions that is 3/4th distance away from the stem and put 10 ml Grow in each hole and cover it with soil, no need of water.
4. At Fruit setting stage-Repeat the above method for Bloom application, that is 10-15 ml per hole. Afterwards start foliar application of Bloom at peanut stage @1.5 ml per litre of water at 15-20 days interval upto mid fruit development stage.
5. Disease control- Use PPFC @2.5-3 gms per litre of water.
6. Pest control- Use PPNP@1.0-1.5 ml per litre of water.
7. After harvesting- Give one more application of Grow to stimulate more spur formation to get more fruit in the next season.
8. Reduce chemical nitrogen and phosphorus by 25% from the recommended.

APRICOT (Khurbani)



INTRODUCTION

Apricot (Prunes armeniaca) is a small bush, which grows to a height of about 8-12 m. The pulp of the fruit has a stone like single seed at the center, having a grainy smooth texture. Apricots not only have culinary uses, but also extensively used by the cosmetic industry. High in Vitamin A, High in Vitamin C, A good source of potassium

How to use Power plant Grow & Bloom and PPNP & PPFC of Green Planet Bio Products

1. At the time of planting pits are refilled with topsoil mixed with 5 ml of PPNP and 5 ml of Power plant Grow.
2. After planting up to first fruiting stage treat soil with Grow 1 L / acre / twice in a year at the time of spring season and onset of monsoon.
3. **In fruiting trees**- 3-4 weeks before flowering use grow@40-60 ml per plant, that is 10-15ml per hole. Make four holes in the North, South, East and West directions that is 3/4th distance away from the stem and put 10 ml Grow in each hole and cover it with soil, no need of water.
4. At Fruit setting stage-Repeat the above method for Bloom application, that is 10-15 ml per hole. Afterwards start foliar application of Bloom at peanut stage @1.5 ml per litre of water at 15-20 days interval upto mid fruit development stage.
5. Disease control- Use PPFC @2.5-3 gms per litre of water.
6. Pest control- Use PPNP@1.0-1.5 ml per litre of water.
7. After harvesting- Give one more application of Grow to stimulate more spur formation to get more fruit in the next season.
8. Reduce chemical nitrogen and phosphorus by 25% from the recommended.

PEACH (Aru)



INTRODUCTION

Peach (Prunus persica) contain Vitamin B1, B2 and A help to maintain the balance of the nervous system, maintain the magnesium levels in the body, help in the synthesis of hemoglobin and strengthen the immune system. Peaches are also good for those who suffer from urinary lithiasis .Peaches are good for the skin- they regenerate skin tissue.

How to use Power plant Grow & Bloom and PPNP & PPFC of Green Planet Bio Products

1. At the time of planting pits are refilled with topsoil mixed with 5 ml of PPNP and 5 ml of Power plant Grow.
2. After planting up to first fruiting stage treat soil with Grow 1 L / acre / twice in a year at the time of spring season and onset of monsoon.
3. **In fruiting trees-** 3-4 weeks before flowering use grow@40-60 ml per plant, that is 10-15ml per hole. Make four holes in the North, South, East and West directions that is 3/4th distance away from the stem and put 10 ml Grow in each hole and cover it with soil, no need of water.
4. At Fruit setting stage-Repeat the above method for Bloom application, that is 10-15 ml per hole. Afterwards start foliar application of Bloom at peanut stage @1.5 ml per litre of water at 15-20 days interval upto mid fruit development stage.
5. Disease control- Use PPFC @2.5-3 gms per litre of water.
6. Pest control- Use PPNP@1.0-1.5 ml per litre of water.
7. After harvesting- Give one more application of Grow to stimulate more spur formation to get more fruit in the next season.
8. Reduce chemical nitrogen and phosphorus by 25% from the recommended.

JACK FRUIT (Kathel)



INTRODUCTION

Jack (Artocarpus heterophyllus) comes up well in humid regions up to an elevation of 1000 m. Soil should be deep and well drained. Any rise in water table or poor aeration of the soil is detrimental to the crop.

How to use Power plant Grow & Bloom and PPNP & PPFC of Green Planet Bio Products

1. At the time of planting pits are refilled with topsoil mixed with 5 ml of PPNP and 5 ml of Power plant Grow.
2. After planting up to first fruiting stage treat soil with Grow 1 L / acre / twice in a year at the time of spring season and onset of monsoon.
3. **In fruiting trees-** 3-4 weeks before flowering use grow@40-60 ml per plant, that is 10-15ml per hole. Make four holes in the North, South, East and West directions that is 3/4th distance away from the stem and put 10 ml Grow in each hole and cover it with soil, no need of water.
4. At Fruit setting stage-Repeat the above method for Bloom application, that is 10-15 ml per hole. Afterwards start foliar application of Bloom at peanut stage @1.5 ml per litre of water at 15-20 days interval upto mid fruit development stage.
5. Disease control- Use PPFC @2.5-3 gms per litre of water.
6. Pest control- Use PPNP@1.0-1.5 ml per litre of water.
7. After harvesting- Give one more application of Grow to stimulate more spur formation to get more fruit in the next season.
8. Reduce chemical nitrogen and phosphorus by 25% from the recommended.

PEAR (Naspati)



INTRODUCTION

Pear (*Pyrus communis*) trees can grow to reach a height of 45 feet. They are longer lived than apple trees and generally have less disease problems; although pear trees bloom earlier in the spring and are more susceptible to frost damage. The skin of the fruit ranges in color from green, yellow, red, brown, pink, or a combination of these colors. Pear flesh is white, juicy and grainy in texture.

How to use Power plant Grow & Bloom and PPNP & PPFC of Green Planet Bio Products

1. At the time of planting pits are refilled with topsoil mixed with 5 ml of PPNP and 5 ml of Power plant Grow.
2. After planting up to first fruiting stage treat soil with Grow 1 L / acre / twice in a year at the time of spring season and onset of monsoon.
3. **In fruiting trees-** 3-4 weeks before flowering use grow@40-60 ml per plant, that is 10-15ml per hole. Make four holes in the North, South, East and West directions that is 3/4th distance away from the stem and put 10 ml Grow in each hole and cover it with soil, no need of water.
4. At Fruit setting stage-Repeat the above method for Bloom application, that is 10-15 ml per hole. Afterwards start foliar application of Bloom at peanut stage @1.5 ml per litre of water at 15-20 days interval upto mid fruit development stage.
5. Disease control- Use PPFC @2.5-3 gms per litre of water.
6. Pest control- Use PPNP@1.0-1.5 ml per litre of water.
7. After harvesting- Give one more application of Grow to stimulate more spur formation to get more fruit in the next season.
8. Reduce chemical nitrogen and phosphorus by 25% from the recommended.

AMLA (Indian Gooseberry)

INTRODUCTION

Amla (*Embllica officinalis*), the Indian gooseberry, is a deciduous tree. It is known for its edible fruit of the same name. The taste of Indian gooseberry is sour, bitter and astringent, and is quite fibrous. Fruit have shown potential efficacy against disease, such as for inflammation, cancers, and diabetes. a reduction of blood cholesterol , improvement of the liver function Although fruits are reputed to contain high amounts of ascorbic acid (vitamin C), Amla shampoos and hair oil are traditionally believed to nourish the hair and scalp



How to use Power plant Grow & Bloom and PPNP & PPFC of Green Planet Bio Products

1. At the time of planting pits are refilled with topsoil mixed with 5 ml of PPNP and 5 ml of Power plant Grow.
2. After planting up to first fruiting stage treat soil with Grow 1 L / acre / twice in a year at the time of spring season and onset of monsoon.
3. **In fruiting trees-** 3-4 weeks before flowering use grow@40-60 ml per plant, that is 10-15ml per hole. Make four holes in the North, South, East and West directions that is 3/4th distance away from the stem and put 10 ml Grow in each hole and cover it with soil, no need of water.
4. At Fruit setting stage-Repeat the above method for Bloom application, that is 10-15 ml per hole. Afterwards start foliar application of Bloom at peanut stage @1.5 ml per litre of water at 15-20 days interval upto mid fruit development stage.
5. Disease control- Use PPFC @2.5-3 gms per litre of water.
6. Pest control- Use PPNP@1.0-1.5 ml per litre of water.
7. After harvesting- Give one more application of Grow to stimulate more spur formation to get more fruit in the next season.
8. Reduce chemical nitrogen and phosphorus by 25% from the recommended.

DATE (Khajur)



INTRODUCTION

Dates (*Phoenix dactylifera*) ripen in four stages, which are known throughout the world by their Arabic names kimri (unripe), khalal (full-size, crunchy), rutab (ripe, soft), and tamr (ripe, sun-dried). A 100 gm. portion of fresh dates is a premium source of Vitamin C and supplies 230 Kcal of energy. Date palms take about 7 years after planting before they will bear fruit, and produce viable yields for commercial harvest after about 10 years. Mature date palms can produce 80-120 kilograms of dates per harvest season, Date palms having separate male and female plants.

How to use Power plant Grow & Bloom and PPNP & PPFC of Green Planet Bio Products

1. At the time of planting pits are refilled with topsoil mixed with 5 ml of PPNP and 5 ml of Power plant Grow.
2. After planting up to first fruiting stage treat soil with Grow 1 L / acre / twice in a year at the time of spring season and onset of monsoon.
3. **In fruiting trees**- 3-4 weeks before flowering use grow@40-60 ml per plant, that is 10-15ml per hole. Make four holes in the North, South, East and West directions that is 3/4th distance away from the stem and put 10 ml Grow in each hole and cover it with soil, no need of water.
4. At Fruit setting stage-Repeat the above method for Bloom application, that is 10-15 ml per hole. Afterwards start foliar application of Bloom at peanut stage @1.5 ml per litre of water at 15-20 days interval upto mid fruit development stage.
5. Disease control- Use PPFC @2.5-3 gms per litre of water.
6. Pest control- Use PPNP@1.0-1.5 ml per litre of water.
7. After harvesting- Give one more application of Grow to stimulate more spur formation to get more fruit in the next season.
8. Reduce chemical nitrogen and phosphorus by 25% from the recommended.

CHILLY, CAPSICUM



INTRODUCTION

Chilly (Capsicum annum), also called red pepper', is an important cash crop in India and is grown for its pungent fruits. The pungency is due to the active principle 'capsicin' contained in the skin and the septa of the fruit. The world consumption of chillies and paprika is going up due to the increasing popularity of ethnic foods. The increased availability of oleoresins and spice oils of chilli has also enhanced its consumption in various food preparations. India is the largest producer of chillies in the world.

How to use Power plant Grow & Bloom and PPNP & PPFC of Green Planet Bio Products

Nursery:

1. If seed is not treat with any chemical fungicide/ insecticide. It should treat with PPNP 5 g / kg seed treatment
2. Spray Power plant Grow 1. ml / Liter water after emergence.

Field:

1. Dip roots of seedling in PPFC 3 g / Liter solution during Transplanting.
2. At the time of planting soil treatment with 1L Grow and 1 L Bloom per acre.
3. Spray Power plant Grow 1.5 ml / Liter water at 20-day interval.
4. Spray PPNP 1.5 ml / Liter water to control various pests.
5. Spray PPFC 3 g / Liter water to control various diseases.
6. Spray Bloom 1.5 ml / Liter water after flowering at 10-day interval.
7. Reduce chemical nitrogen and phosphorus by 25% from the recommended.

TOMATO



INTRODUCTION

The tomato (*Lycopersicon esculentum*) has prominent place in human food. Tomatoes are eating freely throughout the world, and their consumption believed to benefit the heart among other things. Lycopene, one of nature's most powerful antioxidant, is present in tomatoes, and, especially when tomatoes are cooked, has been found beneficial in preventing prostate cancer. The tomato has an acidic property that is used to bring out other flavors. This same acidity makes tomatoes especially easy to preserve in home canning as tomato sauce or paste.

How to use Power plant Grow & Bloom and PPNP & PPFC of Green Planet Bio Products

Nursery:

1. If seed is not treat with any chemical fungicide/ insecticide. It should treat with PPFC 5 g / kg seed before PPNP 5 g / kg seed treatment
2. Spray Power plant Grow 1. ml / Liter water after emergence.

Field:

1. Dip roots of seedling in PPFC 3 g / Liter solution during Transplanting.
2. At the time of planting soil treatment with 1L Grow and 1 L Bloom per acre.
3. Spray Power plant Grow 1.5 ml / Liter water at 20-day interval.
4. Spray PPNP 1.5 ml / Liter water to control various pests.
5. Spray PPFC 3 g / Liter water to control various diseases.
6. Spray Bloom 1.5 ml / Liter water after flowering at 10-day interval.
7. Reduce chemical nitrogen and phosphorus by 25% from the recommended.

BRINJAL (Bangon)



INTRODUCTION

Brinjal (*Solanum melongena*) is egg shaped which is why the name "Eggplants". Colours vary from white, yellow to green as well as reddish-purple, dark purple, black etc. There is a variety, which is green brinjal with white striping. It is a good source of dietary fiber and minerals like manganese, copper and potassium. It is also a good source of Vitamin B1 (thiamin), Vitamin B6, folate, magnesium and niacin. Brinjal contains phytonutrient that include phenolic compounds. These compounds act as antioxidants.

How to use Power plant Grow & Bloom and PPNP & PPFC of Green Planet Bio Products

Nursery:

1. If seed is not treat with any chemical fungicide/ insecticide. It should treated with PPFC 5 g / kg seed before PPNP 5 g / kg seed treatment
2. Spray Power plant Grow 1. ml / Liter water after emergence.

Field:

1. Dip roots of seedling in PPFC 3 g / Liter solution during Transplanting.
2. At the time of planting soil treatment with 1L Grow and 1 L Bloom per acre.
3. Spray Power plant Grow 1.5 ml / Liter water at 20-day interval.
4. Spray PPNP 1.5 ml / Liter water to control various pests.
5. Spray PPFC 3 g / Liter water to control various diseases.
6. Spray Bloom 1.5 ml / Liter water after flowering at 10-day interval.
7. Reduce chemical nitrogen and phosphorus by 25% from the recommended.

CABBAGE (Patta Gobhi)



INTRODUCTION

The cabbage (*Brassica oleracea* var. capitata) is a green, leafy plant. The leafy portion of the cabbage cluster is generally the only portion of the plant that eaten raw cooked or preserved. Cabbage is rich in Vitamin A B C K. Cabbage extracts have proven to kill certain viruses and bacteria. Cabbage boosts the immune system's ability to produce more antibodies. Cabbage provides high levels of iron and sulphur, minerals that work in part as cleansing agents for the digestive system.

How to use Power plant Grow & Bloom and PPNP & PPFC of Green Planet Bio Products

Nursery:

1. If seed is not treated with any chemical fungicide/ insecticide. It should treat with PPNP 5 g / kg seed treatment
2. Spray Power plant Grow 1. ml / Liter water after emergence.

Field:

1. Dip roots of seedling in PPFC 3 g / Liter solution during Transplanting.
2. At the time of planting soil treatment with 1L Grow and 1 L Bloom per acre.
3. Spray Power plant Grow 1.5 ml / Liter water at 20-day interval.
4. Spray PPNP 1.5 ml / Liter water to control various pests.
5. Spray PPFC 3 g / Liter water to control various diseases.
6. Spray Bloom 1.5 ml / Liter water after 50 DAS and at 10-day interval.
7. Reduce chemical nitrogen and phosphorus by 25% from the recommended.

CAULIFLOWER (Phool Gobhi)



INTRODUCTION

Cauliflower (Brassica oleracea var. botrytis) is a vegetable can had in raw, cooked or pickled form. The allicin in cauliflower is known to promote a healthy heart and reduce the risk of strokes. It contains selenium and Vitamin C both strengthens the immune system. It helps in maintaining healthy cholesterol level. The high amount of fibre improves colon health and helps prevent cancer. Cauliflower even acts as a blood and liver detoxifier. People suffering from ailments like arthritis, asthma, constipation, high blood pressure and kidney bladder disorders can benefit from the consumption of cauliflower. Cauliflower contains 'indole3-carbinol', which can prevent breast and other female cancers. Being rich in nutrient folate, helps in improving cell growth.

How to use Power plant Grow & Bloom and PPNP & PPFC of Green Planet Bio Products

Nursery:

1. If seed is not treat with any chemical fungicide/ insecticide. It should treated with PPNP 5 g / kg seed treatment
2. Spray Power plant Grow 1. ml / Liter water after emergence.

Field:

1. Dip roots of seedling in PPFC 3 g / Liter solution during Transplanting.
2. At the time of planting soil treatment with 1L Grow and 1 L Bloom per acre.
3. Spray Power plant Grow 1.5 ml / Liter water at 20-day interval.
4. Spray PPNP 1.5 ml / Liter water to control various pests.
5. Spray PPFC 3 g / Liter water to control various diseases.
6. Spray Bloom 1.5 ml / Liter water after 50 DAS and at 10-day interval.
7. Reduce chemical nitrogen and phosphorus by 25% from the recommended.

BHINDI (LADIES FINGER, OKRA)



INTRODUCTION

Ladies Finger, Okra, Bhindi (*Abelmoschus esculentus*) is an annual that that give rise to the familiar okra pods so common in India as a fried vegetable. It is a tropical direct sown vegetable with duration of 90-100 days. When cut okra releases a sticky substance with thickening properties, often used in soups and stews. Okra is enriched with amino acids, with the likes of tryptophan, cystine and other sulfur amino acids. Along with containing high amounts of fiber, okra also contains high amounts of vitamins A, C, and B6. Large amounts of calcium, zinc, riboflavin, folic acid, and iron are also present in this vegetable.

How to use Power plant Grow & Bloom and PPNP & PPFC of Green Planet Bio Products

1. Seed treatment with PPNP 5 g / kg seed and drying under shade for seed and soil born disease resistance, control various pests and improving germination.
2. Soil treatment with 1L Grow and 1 L Bloom per acre.
3. Spray PPNP 1.5 ml / Liter water to control various pests.
4. Spray PPFC 3 g / Liter water to control various diseases.
5. Spray Power plant Grow 1.5 ml / Liter water at 20-day interval.
6. Spray Bloom 1.5 ml / Liter water at flowering emergence and at 10-day interval.
7. Reduce chemical nitrogen and phosphorus by 25% from the recommended.

CUCARBITS (Kaddu)

INTRODUCTION



1. Bottle gourd (Lagenaria siceraria) Lauki
2. Pumpkin (Cucurbita moschata) Petha
3. Snake gourd (Trichosanthes cucumerina) Chinchida
4. Ribbed gourd (Luffa acutangula) Tori
5. Bitter gourd (Momordica charantia.) Krela
6. Ash gourd (Benincasa hispida.) White Petha
7. Cucumber (Cucumis sativus.) khira
8. Gherkin (Cucumis sativus var. angaria)
9. Watermelon (Citrullus lanatus) Tarbooz
10. Tinda (Citrullus vulgaris)

How to use Power plant Grow & Bloom and PPNP & PPFC of Green Planet Bio Products

1. Seed treatment with PPNP 5 g / kg seed and drying under shade for seed and soil born disease resistance, control various pests and improving germination.
2. Soil treatment of Power plant Grow 1 L and Bloom per acre before sowing.
3. Spray PPNP 1.5 ml / Liter water to control various pests.
4. Spray PPFC 3 g / Liter water to control various diseases.
5. Spray Power plant Grow 1.5 ml / Liter water at 20-day interval.
6. Spray Bloom 1.5 ml / Liter water after flowering at 10-day interval.
7. Reduce chemical nitrogen and phosphorus by 25% from the recommended.

COLOCASIA (Arvi)



INTRODUCTION

Colocasia (Colocasia esculenta) plants are of multiple varieties. Usually plant grown in shady gardens or found planted between Banana plants. Colocasia esculenta, taro is a herbaceous plant from old world tropics, with thick tuber (underground stem) containing much starch; cultivated for food for many centuries. Taro must cook to destroy the acrid crystals of calcium oxalate found in all parts of the plant.

How to use Power plant Grow & Bloom and PPNP & PPFC of Green Planet Bio Products

1. Seed treatment with PPNP 1.5 ml / L water and drying under shade for seed and soil born disease resistance, control various pests and improving germination.
2. Soil treatment of Power plant Grow 1 L and Bloom 1L per acre before sowing
3. Spray PPNP 1.5 ml / Liter water to control various pests.
4. Spray PPFC 3 g / Liter water to control various diseases.
5. Spray Power plant Grow 1.5 ml / Liter water at 20-day interval.
6. Spray Bloom 1.5 ml / Liter water after 50 DAS and at 10-day interval.
7. Reduce chemical nitrogen and phosphorus by 25% from the recommended.

PEA (Matar)



INTRODUCTION

A Pea (*Pisum sativum*) although treated as a vegetable in cooking, is botanically a fruit; Pea is an annual plant, with a lifecycle of one twice in a year. It is a cool season crop grown in many parts of the world. All cultivated types of peas are herbaceous plants. Peas are high in fiber, protein, vitamins, minerals, and lutein.

How to use Power plant Grow & Bloom and PPNP & PPFC of Green Planet Bio Products

1. Seed treatment with PPNP 5 g / kg seed and drying under shade for seed and soil born disease resistance, control various pests and improving germination.
2. Soil treatment of Power plant Grow 1 L and Bloom 1L per acre before sowing
3. Spray PPNP 1.5 ml / Liter water to control various pests.
4. Spray PPFC 3 g / Liter water to control various diseases.
5. Spray Power plant Grow 1.5 ml / Liter water at 20-day interval.
6. Spray Bloom 1.5 ml / Liter water after flowering at 10-day interval.
7. Reduce chemical nitrogen and phosphorus by 25% from the recommended.

CARROT (Gajar)



INTRODUCTION

Carrot (*Daucus carotas*) is a root vegetable. The most commonly eaten part of a carrot is a taproot, although the greens are edible as well. The carrot gets its characteristic and bright orange colour from carotene, which is metabolize into vitamin A. Carrots are rich in dietary fibre, antioxidants, and minerals. Medically the roots used to treat digestive problems, intestinal parasites, and tonsillitis.

How to use Power plant Grow & Bloom and PPNP & PPFC of Green Planet Bio Products

1. Seed treatment with PPNP 5 g / kg seed and drying under shade for seed and soil born disease resistance, control various pests and improving germination.
2. Soil treatment of Power plant Grow 1 L and Bloom 1 L per acre before sowing
3. Spray PPNP 1.5 ml / Liter water to control various pests.
4. Spray PPFC 3 g / Liter water to control various diseases.
5. Alternate spray of Power plant Grow and Bloom 1.5 ml / L water at 10 day interval
6. Reduce chemical nitrogen and phosphorus by 25% from the recommended.

RADISH (Mooli)



INTRODUCTION

Radish (Raphanus sativus) is an edible root. There are some radishes that grown for their seeds; oilseed radishes are grown, as the name implies, for oil production. Radishes are rich in ascorbic acid, folic acid, and potassium. They are a good source of vitamin B6, riboflavin, magnesium, copper, and calcium.

How to use Power plant Grow & Bloom and PPNP & PPFC of Green Planet Bio Products

1. Seed treatment with PPNP 5 g / kg seed and drying under shade for seed and soil born disease resistance, control various pests and improving germination.
2. Soil treatment of Power plant Grow 1 L and Bloom 1 L per acre before sowing
3. Spray PPNP 1.5 ml / Liter water to control various pests.
4. Spray PPFC 3 g / Liter water to control various diseases.
5. Alternate spray of Power plant Grow and Bloom 1.5 ml / L water at 10 day interval
6. Reduce chemical nitrogen and phosphorus by 25% from the recommended.

POTATO (Aalu)



INTRODUCTION

Potato (*Solanum tuberosum*) is a starchy, tuberous crop. It is the world's fourth-largest food crop, following rice, wheat, and maize. The potato contains vitamins and minerals, as well as an assortment of phytochemicals, such as carotenoids and natural phenols. potato provides vitamin C, potassium, vitamin B₆ and thiamin, riboflavin, folate, niacin, magnesium, phosphorus, iron, and zinc.

How to use Power plant Grow & Bloom and PPNP & PPFC of Green Planet Bio Products

1. Seed treatment with PPNP 1.5 ml / L water and drying under shade for seed and soil born disease resistance, control various pests and improving germination.
2. Soil treatment of Power plant Grow 1 L and Bloom 1 L per acre before sowing
3. Spray PPNP 1.5 ml / Liter water to control various pests.
4. Spray PPFC 3 g / Liter water to control various diseases.
5. Alternate spray of Power plant Grow and Bloom 1.5 ml / L water at 10 day interval
6. Reduce chemical nitrogen and phosphorus by 25% from the recommended.

Bulb, Tuber, Root Crops (Underground part of a plant)



INTRODUCTION

1. Garlic- Lahsun (Allium sativum).
2. Ginger- Adrak (Zingiber officinale)k
3. knolkol – Gathgobi (Brassica olerasia)
4. Sweet Potato - Shakarkand / Ratalu (Ipomoea batatas)
5. Turnip – Shalgam (Brassica spp)
6. Beet – Chukunder (Beta vulgaris).
7. Turmeric - Haldi (Curcuma longa)
8. Ginseng (Panax ginseng)
9. Cassava (Manihot esculenta)
10. Onion- Pyaz (Allium cepa)

How to use Power plant Grow & Bloom and PPNP & PPFC of Green Planet Bio Products

1. Seed treatment with PPNP 1.5 ml / L water and drying under shade for seed and soil born disease resistance, control various pests and improving germination.
2. Soil treatment of Power plant Grow 1 L and Bloom 1 L per acre before sowing
3. Spray PPNP 1.5 ml / Liter water to control various pests.
4. Spray PPFC 3 g / Liter water to control various diseases.
5. Alternate spray of Power plant Grow and Bloom 1.5 ml / L water at 10 day interval
6. Reduce chemical nitrogen and phosphorus by 25% from the recommended.

LEAFY VEGETABLE



INTRODUCTION

1. Coriander (Coriandrum sativum) Dhania
2. Fenugreek (Trigonella foenum-graecum) Methi
3. Spinach (Spinacia oleracea) Palak



How to use Power plant Grow & Bloom and PPNP & PPFC of Green Planet Bio Products

1. Seed treatment with PPNP 5 g / kg seed and drying under shade for seed and soil born disease resistance, control various pests and improving germination.
2. Soil treatment of Power plant Grow 1 L and Bloom 1 L per acre before sowing
3. Spray of Power plant Grow 1 ml / L water after each cutting.
4. Spray PPNP 1.5 ml / Liter water to control various pests.
5. Reduce chemical nitrogen and phosphorus by 25% from the recommended.

CUMIN (jeera)



INTRODUCTION

Cumin (*Cuminum cyminum*) is the second most popular spice in the world after black pepper. Cumin seeds use as a spice for their distinctive aroma. It helps to add an earthy and warming feeling to cooking; cumin seeds contain a relatively large percentage of iron. Cumin is stomachic, diuretic, carminative, stimulant, astringent and antispasmodic. It is valuable in dyspepsia diarrhea and may relieve flatulence and colic. Cumin stimulates the appetite.

How to use Power plant Grow & Bloom and PPNP & PPFC of Green Planet Bio Products

1. Seed treatment with PPNP 5 g / kg seed and drying under shade for seed and soil born disease resistance, control various pests and improving germination.
2. Soil treatment of Power plant Grow 1 L and Bloom 1 L per acre before sowing
3. Spray PPNP 1.5 ml / Liter water to control various pests.
4. Spray PPFC 3 g / Liter water to control various diseases.
5. Spray Power plant Grow 1 ml / Liter water after 10 day.
6. Spray Bloom 1 ml / Liter water after flowering.
7. Reduce chemical nitrogen and phosphorus by 25% from the recommended.

CORIANDER (Dhania)



INTRODUCTION

Coriander (Coriandrum sativum) all parts of the plant are edible, but the fresh leaves and the dried seeds are the parts most commonly used in cooking. Coriander contains antioxidants antibacterial medicine for the relief of anxiety. It used as a carminative and as a digestive aid, treatment for diabetes, breakdown of cholesterol into other compounds.

How to use Power plant Grow & Bloom and PPNP & PPFC of Green Planet Bio Products

1. Seed treatment with PPNP 5 g / kg seed and drying under shade for seed and soil born disease resistance, control various pests and improving germination.
2. Soil treatment of Power plant Grow 1 L / acre before sowing and two sprays at 20 and 40 days after germination.
3. Spray PPNP 1 ml / Liter water to control various pests.
4. Spray PPFC 3 g / Liter water to control various diseases.
5. Spray Bloom 1 ml / Liter water after flowering and repeat after 10 days.
6. Reduce chemical nitrogen and phosphorus by 25% from the recommended.

CARDIMOM (Elaichi)



INTRODUCTION

Cardimom (Elettaria cardamom) having capsular fruits with aromatic seeds used as a spice or condiment. A very aromatic seed grow on a plant originally from India. Malabar cardamom is the most sought after of all the varieties and the most digestive, appetitive, carminative and stimulating. Chewing the seeds gives fresher breath.

How to use Power plant Grow & Bloom and PPNP & PPFC of Green Planet Bio Products

1. At the time of planting pits are refilled with topsoil mixed with 5 ml of PPNP and 5 ml of Power plant Grow.
2. After planting up to first fruiting stage treat soil with Grow 1 L / acre / twice in a year at the time of spring season and onset of monsoon.
3. In fruiting trees- 3-4 weeks before flowering use grow@40-60 ml per plant, that is 10-15ml per hole. Make four holes in the North, South, East and West directions that is 3/4th distance away from the stem and put 10 ml Grow in each hole and cover it with soil, no need of water.
4. At Fruit setting stage-Repeat the above method for Bloom application, that is 10-15 ml per hole. Afterwards start foliar application of Bloom at peanut stage @1.5 ml per litre of water at 15-20 days interval upto mid fruit development stage.
5. Disease control- Use PPFC @2.5-3 gms per litre of water.
6. Pest control- Use PPNP @1.0-1.5 ml per litre of water.
7. After harvesting- Give one more application of Grow to stimulate more spur formation to get more fruit in the next season.
8. Reduce chemical nitrogen and phosphorus by 25% from the recommended.

Sonf (fennel) Ani seed



INTRODUCTION

Fennel (*Foeniculum vulgare*) grows as a culinary herb, this biennial or short-lived perennial occurs naturally. It is up to 2m tall and can spread rapidly. Fennel can be made into a syrup to treat babies with colic (formerly thought to be due to digestive upset), For adults, fennel seeds or tea can relax the intestines and reduce bloating caused by digestive disorders. In the Indian subcontinent, fennel seeds are also eaten raw, sometimes with some sweetener, as they are said to improve eyesight. Fennel may be an effective diuretic and a potential drug for treatment of hypertension.

How to use Power plant Grow & Bloom and PPNP & PPFC of Green Planet Bio Products

1. Seed treatment with PPNP 5 g / kg seed and drying under shade for seed and soil born disease resistance, control various pests and improving germination.
2. Soil treatment of Power plant Grow 1 L / acre before sowing and two sprays at 20 and 40 days after germination.
3. Spray PPNP 1.5 ml / Liter water to control various pests.
4. Spray PPFC 3 g / Liter water to control various diseases.
5. Spray Bloom 1 ml / Liter water after flowering and repeat after 20 days.
6. Reduce chemical nitrogen and phosphorus by 25% from the recommended.

BLACK PEPPER (Kali mirch)



INTRODUCTION

Black Pepper (*Piper nigrum*) the king of all spices is considered as the oldest and best-known spice in the world. It has medicinal properties for fighting colds, flu and infections, to energize, increase circulation, to warm and relieve muscle aches etc. Pepper corns are very strong in odor and taste, used in canned foods as a flavouring agent. It is used commonly in all dishes as a very popular spice.

How to use Power plant Grow & Bloom and PPNP & PPFC of Green Planet Bio Products

1. At the time of planting pits are refilled with topsoil mixed with 5 ml of PPNP and 5 ml of Power plant Grow.
2. After planting up to first fruiting stage treat soil with Grow 1 L / acre / twice in a year at the time of spring season and onset of monsoon.
3. In fruiting trees- 3-4 weeks before flowering use grow@40-60 ml per plant, that is 10-15ml per hole. Make four holes in the North, South, East and West directions that is 3/4th distance away from the stem and put 10 ml Grow in each hole and cover it with soil, no need of water.
4. At Fruit setting stage-Repeat the above method for Bloom application, that is 10-15 ml per hole. Afterwards start foliar application of Bloom at peanut stage @1.5 ml per litre of water at 15-20 days interval upto mid fruit development stage.
5. Disease control- Use PPFC @2.5-3 gms per litre of water.
6. Pest control- Use PPNP @1.0-1.5 ml per litre of water.
7. After harvesting- Give one more application of Grow to stimulate more spur formation to get more fruit in the next season.
8. Reduce chemical nitrogen and phosphorus by 25% from the recommended.

MINT (Pudina)



INTRODUCTION

Mint (*Mentha spp*) is the erect plant with dark green leaves with pleasant flavour. The main species are peppermint, spearmint, apple mint and corn mint. Peppermint, which is first in popularity among all mints, is mainly used in medicines and for making mint tea. Mint oil and menthol are used as flavouring agents in mouthwashes, toothpastes and chewing gums. A few dishes prepared with mint leaves are mint-coriander chutney, sambar, meat, fish, poultry items and biryanis. Being a carminative, mint is often used in dishes made with peas, dals and other foodstuffs, which are difficult to digest. Both fresh and dried leaves of mint are used.

How to use Power plant Grow & Bloom and PPNP & PPFC of Green Planet Bio Products

1. Cutting treat with PPNP 1.0 ml / L water for soil born disease resistance, control various pests.
2. Soil treatment of Power plant Grow 1 L. / acre before sowing.
3. Spray of Power plant Grow 1.5 ml / Liter water after each cutting
4. Spray PPNP 1.5 ml / Liter water to control various pests.
5. Reduce chemical nitrogen and phosphorus by 25% from the recommended.

CASHEW (Kaju)



INTRODUCTION

Cashew (*Anacardium occidentale*) kernels are used in confectionery and dessert. The shells contain high quality oil known as cashew nut shell liquid (CNSL) which has wide industrial uses. Cashew apple is eaten fresh or mixed in fruit salads and a drink is prepared from the juice. Cashew can be distilled to produce alcoholic drink (Fenny).

How to use Power plant Grow & Bloom and

PPNP & PPFC of Green Planet Bio Products

1. At the time of planting pits are refilled with topsoil mixed with 5 ml of PPNP and 5 ml of Power plant Grow.
2. After planting up to first fruiting stage treat soil with Grow 1 L / acre / twice in a year at the time of spring season and onset of monsoon.
3. In fruiting trees- 3-4 weeks before flowering use grow@40-60 ml per plant, that is 10-15ml per hole. Make four holes in the North, South, East and West directions that is 3/4th distance away from the stem and put 10 ml Grow in each hole and cover it with soil, no need of water.
4. At Fruit setting stage-Repeat the above method for Bloom application, that is 10-15 ml per hole. Afterwards start foliar application of Bloom at peanut stage @1.5 ml per litre of water at 15-20 days interval upto mid fruit development stage.
5. Disease control- Use PPFC @2.5-3 gms per litre of water.
6. Pest control- Use PPNP@1.0-1.5 ml / litre of water.
7. After harvesting- Give one more application of Grow to stimulate more spur formation to get more fruit in the next season.
8. Reduce chemical nitrogen and phosphorus by 25% from the recommended.

WAL NUT (Akhrot)



INTRODUCTION

A walnut (Juglans regia) is edible seed of Persian walnut, Compared to certain other nuts, walnuts (especially in their raw form) contain the highest level of antioxidants widely grown in temperate zones. Interpolating walnut plantations with nitrogen fixing plant *E. umbellata*, results in a 30% increase in tree height and girth. The wood is also of very high quality and is used to make furniture and rifle stocks. Commercial nut harvest begins around age 20 Harvest trees by clear-cutting at ages 60 to 75, whether grown for timber only or for nuts and timber.

How to use Power plant Grow & Bloom and PPNP & PPFC of Green Planet Bio Products

1. At the time of planting pits are refilled with topsoil mixed with 5 ml of PPNP and 5 ml of Power plant Grow.
2. After planting up to first fruiting stage treat soil with Grow 1 L / acre / twice in a year at the time of spring season and onset of monsoon.
3. In fruiting trees- 3-4 weeks before flowering use grow@40-60 ml per plant, that is 10-15ml per hole. Make four holes in the North, South, East and West directions that is $\frac{3}{4}$ th distance away from the stem and put 10 ml Grow in each hole and cover it with soil, no need of water.
4. At Fruit setting stage-Repeat the above method for Bloom application, that is 10-15 ml per hole. Afterwards start foliar application of Bloom at peanut stage @1.5 ml per litre of water at 15-20 days interval upto mid fruit development stage.
5. Disease control- Use PPFC @2.5-3 gms per litre of water.
6. Pest control- Use PPNP@1.0-1.5 ml per litre of water.
7. After harvesting- Give one more application of Grow to stimulate more spur formation to get more fruit in the next season.
8. Reduce chemical nitrogen and phosphorus by 25% from the recommended.

ALMONDS (Badam)



INTRODUCTION

The Almond (Prunus dulcis) begins bearing an economic crop in the third year after planting. Trees reach full bearing after five to six years after planting. The fruit is mature in the autumn, 7–8 months after flowering. Almonds are a rich source of vitamin E. They are also rich in dietary fiber, vitamins, essential minerals and monounsaturated fat which potentially may lower LDL cholesterol. Typical of nuts and seeds, almonds also contain phytosterols, associated with cholesterol-lowering properties.

How to use Power plant Grow & Bloom and PPNP & PPFC of Green Planet Bio Products

1. At the time of planting pits are refilled with topsoil mixed with 5 ml of PPNP and 5 ml of Power plant Grow.
2. After planting up to first fruiting stage treat soil with Grow 1 L / acre / twice in a year at the time of spring season and onset of monsoon.
3. In fruiting trees- 3-4 weeks before flowering use grow@40-60 ml per plant, that is 10-15ml per hole. Make four holes in the North, South, East and West directions that is 3/4th distance away from the stem and put 10 ml Grow in each hole and cover it with soil, no need of water.
4. At Fruit setting stage-Repeat the above method for Bloom application, that is 10-15 ml per hole. Afterwards start foliar application of Bloom at peanut stage @1.5 ml per litre of water at 15-20 days interval upto mid fruit development stage.
5. Disease control- Use PPFC @2.5-3 gms per litre of water.
6. Pest control- Use PPNP @1.0-1.5 ml per litre of water.
7. After harvesting- Give one more application of Grow to stimulate more spur formation to get more fruit in the next season.
8. Reduce chemical nitrogen and phosphorus by 25% from the recommended.

PISTACHIA (Pista)



INTRODUCTION

Pistachio (Pistacia vera) is a desert plant, and is highly tolerant of saline soil. Long hot summers are required for proper ripening of the fruit .When the fruit ripens the shell changes from green to an autumnal yellow/red and abruptly splits part way open. Each pistachio tree averages around 50 kg of seeds, or around 50,000, every two years. The trees are planted in orchards and take approximately seven to ten years to reach significant production. Pistachio nuts are rich in heart-healthy oil, low in saturated fat, and are high in dietary fiber, vitamin B6, thiamine, phosphorus and copper.

How to use Power plant Grow & Bloom and PPNP & PPFC of Green Planet Bio Products

1. At the time of planting pits are refilled with topsoil mixed with 5 ml of PPNP and 5 ml of Power plant Grow.
2. After planting up to first fruiting stage treat soil with Grow 1 L / acre / twice in a year at the time of spring season and onset of monsoon.
3. In fruiting trees- 3-4 weeks before flowering use grow@40-60 ml per plant, that is 10-15ml per hole. Make four holes in the North, South, East and West directions that is 3/4th distance away from the stem and put 10 ml Grow in each hole and cover it with soil, no need of water.
4. At Fruit setting stage-Repeat the above method for Bloom application, that is 10-15 ml per hole. Afterwards start foliar application of Bloom at peanut stage @1.5 ml per litre of water at 15-20 days interval upto mid fruit development stage.
5. Disease control- Use PPFC @2.5-3 gms per litre of water.
6. Pest control- Use PPNP@1.0-1.5 ml per litre of water.
7. After harvesting- Give one more application of Grow to stimulate more spur formation to get more fruit in the next season.
8. Reduce chemical nitrogen and phosphorus by 25% from the recommended.

ROSE (Gulab)



INTRODUCTION

Rose (*Rosa* spp) includes white rose, pink rose, maroon rose, red rose, yellow rose and orange rose. It has thorn on its stems. The cane has leaves and bud eyes. A leaf consists of stipule, petiole, and leaflets. Gulkand made by the mixture of Rose petals and white sugar in equal proportion acts as the tonic and laxative. Hips, the fruit of roses are the good source of Vitamin C. Rose petals are used to make skin healthy and glowing. The rose scent has been used in pill making for centuries. Its herbal tea is used in the treatment of cold and cough. Dried Rose petals are used for preparing cool drinks, rose water and rose vinegar.

How to use Power plant Grow & Bloom and PPNP & PPFC of Green Planet Bio Products

1. PPNP and Power plant Grow 10 ml each are mixed with top soil with 5 kg FYM. Irrigation is provided immediately after planting.
2. Cutting treat with PPNP 1.0 ml / L water for soil born disease resistance, control various pests.
3. Spray PPNP 1.5 ml / Liter water to control various pests.
4. Spray PPFC 3 g / Liter water to control various diseases
5. Drenching (in soil around the plant in 6" deep hole) and spray of Power plant Grow 1.5 ml / L water at 1-month interval during growth.
6. Spray Bloom 1.5 ml / L water during flowering at 10 days Interval.
7. Reduce chemical nitrogen and phosphorus by 25% from the recommended

MERIGOLD (Gainda)



INTRODUCTION

Marigolds are one of the most important decorative plants. In several states, they are grown commercially in fields where they are claimed by some to be more profitable than any other crop. Marigold is even helping to play a vital role as a cash crop to poor farmers in the north of India. Marigolds are widely used in India for religious decorations and offerings. Extracts of marigold flowers may be used in some nutritional supplements as a source of carotenoid compounds. Because marigold flowers contain the yellow carotenoid pigments, they may also be used to add colour to some food products.

How to use Power plant Grow & Bloom and PPNP & PPFC of Green Planet Bio Products

Nursery:

1. If seed is not treated with any chemical fungicide/ insecticide. It should be treated with PPFC 5 g / kg seed before PPNP 5 g / kg seed treatment
2. Spray Power plant Grow 1.5 ml / Liter water after emergence.

Field:

1. Soil treatment of Power plant Grow 1 L / acre before sowing
2. Dip roots of seedling in PPFC 3 g / Liter solution during Transplanting.
3. Spray Power plant Grow 1.5 ml / Liter water during growth at 10-day interval.
4. Spray PPNP 1.5 ml / Liter water to control various pests.
5. Spray PPFC 3 g / Liter water to control various diseases.
6. Spray Bloom 1.5 ml / Liter water during flowering at 10-day interval.
7. Reduce chemical nitrogen and phosphorus by 25% from the recommended.

GLADIOLUS



INTRODUCTION

The name "Gladiolus" (Gladiolus spp) is derived from the Latin word "gladius", meaning "sword", for the shape of its leaves. The gladiolus flower is the birth flower for August they are widely grown in India. Gladiolus are easy to grow, and are the favourite flowers in India for bouquets, hence their popularity. Blossoms come in a wide range of colors and bicolors, including blue. The blossoms will open from the bottom first. Harvest spikes of Gladiolus just before the top blossoms open. The top blossoms will open indoors.

How to use Power plant Grow & Bloom and PPNP & PPFC of Green Planet Bio Products

1. Soil treatment of Power plant Grow 1 L / acre before sowing
2. Dip roots of corms in PPFC 3 g / Liter solution during Transplanting.
3. Spray Power plant Grow 1.5 ml / Liter water during growth at 10-day interval.
4. Spray PPNP 1.5 ml / Liter water to control various pests.
5. Spray PPFC 3 g / Liter water to control various diseases.
6. Spray Bloom 1.5 ml / Liter water during flowering at 10-day interval.
7. Reduce chemical nitrogen and phosphorus by 25% from the recommended.

CHRYSANTHEMUM



INTRODUCTION

Chrysanthemum(Chrysanthemum indicum)are herbaceous perennial plants growing to 50-150 cm tall, with deeply lobed leaves and large flower heads, white, yellow or pink in the wild species. Their flowers come in every color except blue. Their blooms come in a huge variety of shapes and sizes. The duration is 6 - 8 months for plant crop and 4 months for ratoon crops. Harvesting of the flowers starts from 3rd month onwards at 4 days intervals

How to use Power plant Grow & Bloom and PPNP & PPFC of Green Planet Bio Products

1. Soil treatment of Power plant Grow 1 L / acre before sowing
2. Dip roots of seedlings in PPFC 3 g / Liter solution during Transplanting.
3. Spray Power plant Grow 1.5 ml / Liter water during growth at 10-day interval.
4. Spray PPNP 1.5 ml / Liter water to control various pests.
5. Spray PPFC 3 g / Liter water to control various diseases.
6. Spray Bloom 1.5 ml / Liter water during flowering at 10-day interval.
7. Reduce chemical nitrogen and phosphorus by 25% from the recommended.

TUBEROSE

INTRODUCTION



Tuberose (Polianthes tuberosa) is a tropical plant and grows well round the twice in a year under moderate climatic conditions like in Bangalore. However, it is well adapted to our sub-tropical conditions (north Indian plains) and grows profusely from April to November. It becomes dormant with the advent of winter season, as evident by the cessation of vegetative growth. High (40 degree centigrade) as well 10 degree centigrade temperature reduce the length of spike, weight and quality of flowers. Crop duration extends up to 2 years. Flowers are picked daily.

How to use Power plant Grow & Bloom and PPNP & PPFC of Green Planet Bio Products

1. Soil treatment of Power plant Grow 1 L / acre before sowing
2. Dip roots of corms in PPFC 3 g / Liter solution during Transplanting.
3. Spray Power plant Grow 1.5 ml / Liter water during growth at 10-day interval.
4. Spray PPNP 1.5 ml / Liter water to control various pests.
5. Spray PPFC 3 g / Liter water to control various diseases.
6. Spray Bloom 1.5 ml / Liter water during flowering at 10-day interval.
7. Reduce chemical nitrogen and phosphorus by 25% from the recommended.

TULIP



INTRODUCTION

Tulips (*Tulip spp*) are spectacular late spring-flowering bulbs, with large, beautifully formed bell shaped flowers in a variety of dazzling shades. The leaves are 15–30cm long and the petals can be up to 12cm in length. Tulips perform best in cool climates. Tulip bulb production is currently the number 1 horticultural crop in the southern regions of New Zealand. There is stillroom for significant expansion.

How to use Power plant Grow & Bloom and PPNP & PPFC of Green Planet Bio Products

1. Soil treatment of Power plant Grow 1 L / acre before sowing
2. Dip bulbs in PPFC 3 g / Liter solution during Transplanting.
3. Spray Power plant Grow 1.5 ml / Liter water during growth at 10-day interval.
4. Spray PPNP 1.5 ml / Liter water to control various pests.
5. Spray PPFC 3 g / Liter water to control various diseases.
6. Spray Bloom 1.5 ml / Liter water during flowering at 10-day interval.
7. Reduce chemical nitrogen and phosphorus by 25% from the recommended.

CARNATION



INTRODUCTION

Carnations will grow from 2" to 3 feet high, most garden varieties grow 10 to 20 inches tall. The plants have grayish-green foliage and fragrant, semi-double rosy, purple or white flowers. They bloom mainly during cool times of the year, especially early winter. They are great plants to grow in gardens and can be used as cut flowers. Propagation can be done by seeds, cuttings, layering or division. Cuttings can be taken off any carnation, but the best shoot come from cuttings off a year-old plant after it has bloomed.

How to use Power plant Grow & Bloom and PPNP & PPFC of Green Planet Bio Products

1. Soil treatment of Power plant Grow 1 L / acre before sowing
2. Dip bulbs in PPFC 3 g / Liter solution during Transplanting.
3. Spray Power plant Grow 1.5 ml / Liter water during growth at 10-day interval.
4. Spray PPNP 1.5 ml / Liter water to control various pests.
5. Spray PPFC 3 g / Liter water to control various diseases.
6. Spray Bloom 1.5 ml / Liter water during flowering at 10-day interval.
7. Reduce chemical nitrogen and phosphorus by 25% from the recommended.

GERBERA



INTRODUCTION

Gerbera (*Gerbera jamesonii*) ornamental plants from the sunflower family (Asteraceae). It was named in honor of the German botanist and naturalist Traugott Gerber who was a friend of Linnaeus. Gerbera species bear a large capitulum's with striking, two-lipped ray florets in yellow, orange, white, pink or red Colours. Gerbera is also important commercially. It is the fifth most used cut flower in the world (after rose, carnation, chrysanthemum, and tulip).

How to use Power plant Grow & Bloom and PPNP & PPFC of Green Planet Bio Products

1. Soil treatment of Power plant Grow 1 L / acre before sowing
2. Dip sapling / cutting in PPFC 3 g / Liter solution during Transplanting.
3. Spray Power plant Grow 1.5 ml / Liter water during growth at 10-day interval.
4. Spray PPNP 1.5 ml / Liter water to control various pests.
5. Spray PPFC 3 g / Liter water to control various diseases.
6. Spray Bloom 1.5 ml / Liter water during flowering at 10-day interval.
7. Reduce chemical nitrogen and phosphorus by 25% from the recommended.