

## Hortiklik™

All the living beings depend on the plants for their own nutrition. Only plants can utilize energy from sunlight and convert it into required ingredients (nutrition). Plants are dependent on soil for supplements like minerals, vitamins, amino acids & water. Hence healthy soil is important for producing a healthy plant. In today's world commercial era, there is a demand for continuous production from the soil and hence these vital supplements in the soil are drastically reduced. Excessive use of strong & expensive inorganic/chemical fertilizers has further affected the micro-flora of the soil. Due to this there are hardly any micro-organisms/earthworms left in the soil to decompose the nutrients from the soil and make it available in the form required by the plant. This in turn reduces the supply of required nutrients and energy to the plant and has adverse effects on the production of the plant in terms of leaves, flower & fruits. The effect of such low quality agricultural produce is obviously observed in animals & human beings by way of various psychological & physical disorders.

To overcome this challenge, we offer you a rather simple, low cost and effective way to make all required nutrients, micro-organisms and energy available to the plant and soil in NANO form for faster, effective and complete absorption by the plant. We have more than 98 ingredients in our solutions which are "BIOLOGICALLY ACTIVATED PRODUCT FROM PLANT EXTRACTS" & are completely natural, organic, having "NO CHEMICALS" in it. We offer liquids to be sprayed on the plant with a soil mixture to be broadcasted for the enhancement of the soil.

India is vast country with diverse geographical aspects like soil and climate comprising several agro-ecological regions provides ample opportunity to grow a variety of horticulture crops.

Horticultural crops play an important role in improving India's economy by generating employment in rural India. Cultivation of these crops is laborious, intensive. Fruits are also rich source of vitamins, minerals, proteins, carbohydrates etc. which are essential in human nutrition. Thus, cultivation of horticultural crops plays a vital role in the prosperity of human beings and is directly linked with the health and happiness of the people.

We at Nanosolutions™ have come out with a unique product known as **Hortiklik™**

### INGREDIENTS

**Minerals: (21 minerals)** Phosphorus, sodium, chloride, silica, selenium, gold, silver, Magnesium, manganese, calcium, potassium, iron, zinc, copper, cobalt, chromium, iodine, Sulphur, Carbon, Nitrogen and boron.

**Amino acids: (20 types)** Valine, Leucine, Isoleucine, Alanine, Arginine, Glutamine, Lysine, Aspartic acid, Glutamate, Proline, Cysteine, Threonine, Methionine, Histidine, Phenylalanine, Tyrosine, Tryptophan, Asparagine, Glycine and Serine.

**Vitamins:** Vitamin C, Vitamin B (Thiamin), Niacin, Riboflavin, Vitamin B<sub>6</sub>, Folic Acid (Folacin), Vitamin B<sub>12</sub> (Cobalamin), Vitamin A, Vitamin D, Vitamin E, Vitamin K, Biotin, Pantothenic Acid, Vitamin B<sub>1</sub>, Vitamin B<sub>2</sub>, Vitamin B<sub>3</sub>, Vitamin B<sub>5</sub>, Vitamin B<sub>7</sub>, Vitamin B<sub>9</sub>, Vitamin D.

## Uniqueness/ Benefits of Hortiklik™

- Based of Nanotechnology
- Natural & Organic Product
- Faster vegetative & reproductive growth of plant.
- Improves the yield & produce of Product
- Improves the Quality & Quantity of Product
- Improves the Taste & Texture of Product
- Increases the resistance power of Plant
- Faster Plant & Fruit Growth, Assured Early Maturity, Hence Early Harvesting
- Reduces incidence of fungal, bacterial and viral growth
- Resists to environmental changes
- Improves soil micro flora upto 1 crore in every 1gm of soil
- Least requirement of inorganic fertilizers, chemical compounds, pesticides, fungicide, bactericide and viral medicines.
- Reduces Production Cost
- Improves Shelf Life
- Helps in getting original Taste, Colour & Flavour.

## Precautions to taken while using Hortiklik™

- Read the document carefully before using the product.
- Not for Human & Animal consumption.
- Keep away from children.
- Bottle once opened should be used as per the requirement and the remaining should be kept tightly closed until the next use.
- Do not mix the liquid with hand, wooden stick or any other object.
- Should be kept in cool, dark dry place.
- Strictly do not mix the solution with any other compound.
- Do not use any organic / inorganic product like chemical fertilizers, pesticides, fungicide, bactericide or viral medicine while using this solution as they are itself present in this solution in nano form.
- If felt the use of using organic / inorganic material if any, then keep a gap of 3 days before or after the use of this solution.
- Use as per indicated.
- Do not use more than required amount.
- Results may vary as per using technique from farm to farm & from Human to Human handling.
- Do not use less water than that indicated.
- Solution once prepared should be used immediately within 30mins.
- Do not make more than required amount of solution.

## Way to Use Hortiklik™

### For Various Horticultural Plants:

- 0 month–1 year plant use 0.5ml/ plant in 5 litres of water & spray with a gap of 15 days.
- 1 year–2 year plant use 0.5ml/ plant in 10 litres of water & spray with a gap of 15 days.
- 2 year–5 year tree use 1ml/ plant in 10 litres of water & spray with a gap of 15 days.
- 5 year–8 year tree use 1ml/ plant in 15 litres of water & spray with a gap of 15 days.
- 8 years & above tree use 1.5ml/ plant in 20 litre of water & spray with a gap of 15 days.

### For Grapes:

1 ml in 10 litre of water for 4 plants & spray with a gap of 15 days. Put 5 gms of Soilklik that each drip point once a month. (Mix 1kg of Soilklik with 25kg of wormy compost/ Cow dung/ organic compost properly).

### For Coconut & Beetle Nut:

2 ml in 15 litres water & drench it at the base with a gap of 15 days. Put 50 Gms of Soilklik at the base of the plant once a month. (Mix 50 Gms of Soilklik with 500gms of wormy compost/ cow dung/ organic compost properly & divide them into two equal parts & put them in East & West pots made along the circumference of the tree.)

### For Watermelon, Sweet Melons & Other creepers:

5ml in 15 litres of pump i.e. around 10 pumps per acre of land & spray with a gap of 15 days. Mix 2kg of Soilklik with around 40-45kg of soil from same farmyard / wormy compost / compost / cow dung and prepare a mixture for 1 acre of land. Use this mixture at the time of sowing the seeds. Then again after a gap of 30 days, put remaining 2kg of Soilklik with around 40-45kg of soil from same farmyard/wormy compost/compost/cow dung and use the prepared mixture. If the harvesting period is less than 40 days put remaining 2kg of Soilklik after a gap of 20 days.

### For Banana:

- 0 month–1month plant use 1ml/ 20 plants in 10 litres of water & spray with a gap of 15 days.
- 1 month–2month plant use 1ml/ 15 plants in 10 litres of water & spray with a gap of 15 days.
- 2 month–5month plant use 1ml/ 10 plants in 10 litres of water & spray with a gap of 15 days.
- 5 month–8month plant use 1ml/ 5 plants in 15 litres of water & spray with a gap of 15 days.
- 8 month & above use 1ml/ plant in 10 litres of water & spray with a gap of 15 days.

## Way to use Soilklik with Hortiklik™

From 0 month – 1 year plant use 25 Gms / month (Mix 25 gms. of Soilklik with 100 Gms of wormy compost / cowdung / organic compost properly & divide them into two equal parts & put them in East & West pots made along the circumference of the tree.)

From 1 year – 5 year tree use 35 Gms / month (Mix 35 gms. of Soilklik with 150 Gms of wormy compost / cowdung / organic compost properly & divide them into two equal parts & put them in East & West pots made along the circumference of the tree.)

From 5 years & above tree & above 50 Gms / month (Mix 50 gms. of Soilklik with 250 kg of wormy compost / cow dung / organic compost properly & divide them into two equal parts & put them in East & West pots made along the circumference of the tree .)

### **Important Note:**

Keep watering the plant on regular basis.

Wash the plant thoroughly from inside & outside with sufficient amount of water with Hortiklik & let the remaining water fall down on the ground.

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