**Virus-G**treatment has recently been reported to inhibit replication of *tobacco mosaic*

❖ Increase Flowering: Virus-G increase flowers in flowering stage and help to stop flower dropping.
❖ Increased in Fruit set: treatment with VIRUS-G helps in the fruit set.
❖ Increased Growth: treatment with VIRUS-G increase the rate of growth by stimulating constant Growth during season.
❖ Frost Protection: Spraying fruit trees at full-blossom or when the blossoms begin to wither can offset the detrimental effects of frost.

**Virus-G** treatment has recently been reported to inhibit replication of tobacco mosaic virus (TMV). Furthermore, resistance is induced via a novel defensive signal transduction pathway sensitive to inhibition by salicylic acid.

**Virus-G** induces a range of defense genes, most notably those encoding the pathogenesis-related proteins, several of which have been shown to possess antiviral, antifungal and antibacterial properties.

**Virus-G** mediates resistance to viruses it was shown recently that treatment with Salicylic acid caused the accumulation of TMV RNA to be reduced.

Although symptoms of cucumber mosaic virus (CMV) infection were delayed in Salicylic acid treated tobacco plants, this was not due to inhibition of replication but rather to inhibition of systemic movement of the virus.

VIRUS-G is recommended on broad classes of plant viruses such as**Potato Virus, Cauliflower Mosaic Virus, Leaf Curl Virus, Yellow Mosaic Virus**and bacterial disease such as **Bacterial Leaf Blight, Citrus Cancer, Stem Rot and Tuber Rot of Potato Etc.**

It works effectively on all type of fungul diseases like nthracnose, leaf spot, rust, wilt, blight, coils, scab, gall, canker, damping-off, root rot, mildew, and dieback.

Its effectiveness depends on application at the right concentration and right times.

|  |  |
| --- | --- |
| **Total Nitrogen** | 19.0% |
| **Nitrate Nitrogen** | 4.0% |
| **Ammonical Nitrogen** | 4.5% |
| **Urea Nitrogen** | 10.5% |
| **Water Soluble Phosphate (P2O5)** | 19.0% |
| **Water Soluble Potassium (K2O)** | 19.0% |
| **Specific Gravity** | 1.4 ± 0.1 |
| **Ph Of 1% Solution** | 6.5 ± 0.1 |

|  |  |
| --- | --- |
| **Total Nitrogen** | 18.0 % |
| **Ammonical Nitrogen** | 9 % |
| **Urea Nitrogen** | 9 % |
| **Water Soluble Phosphate (P2O5)** | 46.0 % |
| **Specific Gravity** | 1.4 ± 0.1 |
| **Ph Of 1% Solution** | 5.5 ± 0.1 |

|  |  |
| --- | --- |
| **Total Nitrogen** | 18.0 % |
| **Ammonical Nitrogen** | 9 % |
| **Urea Nitrogen** | 9 % |
| **Water Soluble Phosphate (P2O5)** | 46.0 % |
| **Specific Gravity** | 1.4 ± 0.1 |
| **Ph Of 1% Solution** | 5.5 ± 0.1 |

|  |  |
| --- | --- |
| **Total Nitrogen** | 13.0 % |
| **Nitrate Nitrogen** | 9 % |
| **Urea Nitrogen** | 4 % |
| **Water Soluble Potassium (K2O)** | 45.0 % |
| **Specific Gravity** | 1.5 ± 0.1 |
| **Ph Of 1% Solution** | 6.5 ± 0.1 |

|  |  |
| --- | --- |
| **Total nitrogen percent by volume** | **10.0%** |
| **Nitrate nitrogen percent by volume** | **2.0 %** |
| **Ammonical nitrogen percent by volume** | **1.2 %** |
| **Urea nitrogen percent by volume** | **7.3 %** |
| **Water soluble phosphate (as P2O5) percent by volume** | **10.0 %** |
| **Water soluble potassium (as K2O) percent by volume** | **10.0 %** |
| **Zinc as Zn Percentage By Volume From Zn-EDTA** | **1 %** |
| **Manganese as Mn Percentage By Volume From Mn-EDTA** | **1 %** |
| **Magnesium as Mg Percentage By Volume From Mg-EDTA** | **1 %** |
| **Specific Gravity** | **1.4 ± 0.1** |
| **Ph Of 1%** | **5.5 ± 0.1** |

|  |  |
| --- | --- |
| **Total nitrogen percent by volume** | **10.0%** |
| **Nitrate nitrogen percent by volume** | **2.0 %** |
| **Ammonical nitrogen percent by volume** | **1.2 %** |
| **Urea nitrogen percent by volume** | **7.3 %** |
| **Water soluble phosphate (as P2O5) percent by volume** | **10.0 %** |
| **Water soluble potassium (as K2O) percent by volume** | **10.0 %** |
| **Zinc as Zn Percentage By Volume From Zn-EDTA** | **1 %** |
| **Manganese as Mn Percentage By Volume From Mn-EDTA** | **1 %** |
| **Magnesium as Mg Percentage By Volume From Mg-EDTA** | **1 %** |
| **Specific Gravity** | **1.4 ± 0.1** |
| **Ph Of 1%** | **5.5 ± 0.1** |

It stops the fungal growth &amp; induces systemic resistance in plants against fungal diseases.

For over ground diseases Fungus-g is applied as foliar spray.

Easily absorbed by the plant both through the roots and the leaves.

Absorbed and taken up across the membranes of plant foliage, roots in both their nutritive and plant protective role

Activates defense mechanism of plant

Photoalexin is produced which attacks the disease directly

Complements the action and mobility of other nutrients such as manganese and iron

Encourages the production of polysaccharides which strengthen the cell walls, giving additional protection.

It is more environmentally safer and more target friendly than applying as a foliar spray

Increases crop yield remarkably

**TARGET CROPS:** Fungus-G is used in all crops like Cereals, Millets, Pulses, Oilseeds, Fibre Crops,SugarCrops, Forage Crops, Plantation crops, egetables, Fruits, Spices, Flowers, Medicinal crops,AromaticCrops, Orchards and Ornamentalsto control fungal diseases in any stage of crop development likegermination stage, nursery stage, establishment stage, vegetative growth stage, flowering stage, fruiting and harvesting stage

**TARGET DISEASES:** Fungus-G works against several plant pathogenic fungus. It prevents the crop from several fungal diseases such as-Cercospora Leaf Blight, Early Blight, Late Blight, Pod, and Stem Blight, Downy Mildew, Powdery Mildew, Sclerotinia stem Rot, Brown stem Rot, and Botrytis(gray Mould).

Fungus-G is a biotechnologically developed plant pathogenic bacteria based fungus controlling powder. Which control all types of fungus like leaf spot, early blight, late blight, die back, anthracnose, powdery mildew, downy mildew, etc. it controls all fungus by systemic actions. Act effectively against all fungal