

Cultivation Practices
From

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INDIA**

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Paddy (DHAN)

Primary Step before the crop is sown:

Soil Inoculation with Bio-Fungicide Trichostar 1% W.P:

Before a new crop is sown the entire Field with a history of showing soil borne diseases like damping offs and wilts should be inoculated with a blanket soil spray of Trichostar @ 5gms/Lit water, keeping in mind that there should be adequate soil moisture for the fungi Trichoderma to survive and establish , alternatively you can mix 1 kg Trichostar in 20 Kgs Organic manure or well rotten F.Y.M leave it for 5-6 days ,cover it and keep it in a cool place, the Fungus Trichoderma will multiply in FYM or the Organic manure , this treated FYM can be broadcast over 0.33 acre thoroughly incorporating the manure in the soil, after which an irrigation is a must.

Land Preparation Nursery in paddy:

During soil preparation:

Ormacomin : 2Kg/60 Sqmts area basal dose

Plant Guard: 1Kg/60Sqmts area

Neemazin Granules:500gms/60sqmt area

Paddy Seed Treatment:

Trichostar 5gms/lit water+1/2gm root aid +1gm supermycin/10 lit water

Dip for 25 mts and dry before broadcasting to the nursery

Main Field Preparation before Transplanting:

Ormacomin: 200 Kgs/acre

Quality soil 5 Kgs/Acre

Bioteen Krishi Chun 12 Kgs/Acre

Super Zyme Granules:4 Kgs/Acre

Top Dressing:

Superzyme Granules:4-5 Kgs/Acre

Foliar Treatment:

At 25 Days after Transplanting:2gms Columbia bordo/lit water

At 30 Days after Transplanting: 1ml/lit Trasco-5 Ag Liquid

At 35 Days after Transplanting:5gmsTrichostar/lit water + 1gm supermycin/10lits water

At 45 Days after Transplanting:1ml/lit Paddy Special

At 50 Days after Transplanting:5gmsTrichostar/lit water+1gm supermycin/10lits water

At 55 Days after Transplanting:3gms/lit Folimeal (Repeat again after 15 days)

At 60 Days after Transplanting:1ml/lit Amrit Sanjiban

For Pest Control at every 10 days after transplanting in the main field Use Ultineem 3000ppm @2ml/lit water 6 sprays during the growth period.

For Mite control Use Orgamite-BB@ 3ml/lit of water as required

For Root borers ,nematodes ,and soil borne pests Use Neemazin Granules @6-8Kgs/acre +20 Kgs Sand /acre, in Organic rice production.

*****Very Important Note:**

Recommended dose of Farm Yard Manure (Gobar) and the basal dose of NPK and the top dressing inputs as required has to be provided to the crop as per the recommendation of the State department of Agriculture of your State. Timely control of pests and fungal diseases should be done very promptly or else the crop will not respond to other ancillary applications as illustrated for cultivation.

TOMATO

Primary Step before the crop is sown:

Soil Inoculation with Bio-Fungicide Trichostar 1% W.P:

Before a new crop is sown the entire Field with a history of showing soil borne diseases like damping offs and wilts should be inoculated with a blanket soil spray of Trichostar @ 5gms/Lit water, keeping in mind that there should be adequate soil moisture for the fungi Trichoderma to survive and establish , alternatively you can mix 1 kg Trichostar in 20 Kgs Organic manure or well rotten F.Y.M leave it for 5-6 days ,cover it and keep it in a cool place, the Fungus Trichoderma will multiply in FYM or the Organic manure , this treated FYM can be broadcast over 0.33 acre thoroughly incorporating the manure in the soil, after which an irrigation is a must.

Land Preparation Bed/Nursery:

During soil preparation of bed :

Plant Guard: 2Kg/60Sqmts area

Neemazin Granules:500gms/60sqmt area

Bioteen Krishi Chun:1Kg/60Sq mt area

Tomato Seed Treatment:

Trichostar 5-8gms in 10ml water make paste and treat 1 kg seed.

Root dip before Transplanting: Dip roots for 10 seconds in a solution of 5gms Trichostar/lit water before transplanting to main field

Main Field Preparation before Transplanting:

Ormacomin: 200 Kgs/acre

Quality soil 5 Kgs/Acre

Bioteen Krishi Chun 12 Kgs/Acre

Super Zyme Granules: 4 Kgs/Acre

Bioteen soil sulphur: 5 Kgs /acre

Top Dressing:

Superzyme Granules: 4-5 Kgs/Acre

Foliar Treatment:

At 25 Days after Transplanting: 1gm Columbia bordo/lit water

At 30 Days after Transplanting: 1ml/lit Trasco-5 Ag Liquid

At 35 Days after Transplanting: 5gms Trichostar/lit water + 1gm supermycin/10lits water

At 45 Days after Transplanting: 1ml/lit Tomato Special

At 50 Days after Transplanting:5gmsTrichostar/lit water+1gm supermycin/10lits water

At 55 Days after Transplanting:1ml/lit Supreme PGR

At 60 Days after Transplanting:2gms/lit Zinc Fortified

At 65 Days after Transplanting:1ml/lit Amrit Sanjiban

At 70 Days after Transplanting: 5gmsTrichostar/lit water + 1gm supermycin/10lits

For Pest Control at every 10 days after transplanting in the main field Use Ultineem 3000ppm @2ml/lit water 6 sprays during the growth period.

For mite control Use Orgamite-BB@ 3ml/lit of water every 15 days or as required

*****Very Important Note:**

Recommended dose of Farm Yard Manure (Gobar) and the basal dose of NPK and the top dressing inputs as required has to be provided to the crop as per the recommendation of the State department of Agriculture of your State. Timely control of pests and fungal diseases should be done very promptly or else the crop will not respond to other ancillary applications as illustrated for cultivation.

Cucurbitaceous Vegetables

Primary Step before the crop is sown:

Soil Inoculation with Bio-Fungicide Trichostar 1% W.P:

Before a new crop is sown the entire Field with a history of showing soil borne diseases like damping offs and wilts should be inoculated with a blanket soil spray of Trichostar @ 5gms/Lit water, keeping in mind that there should be adequate soil moisture for the fungi Trichoderma to survive and establish , alternatively you can mix 1 kg Trichostar in 20 Kgs Organic manure or well rotten F.Y.M leave it for 5-6 days ,cover it and keep it in a cool place, the Fungus Trichoderma will multiply in FYM or the Organic manure , this treated FYM can be broadcast over 0.33 acre thoroughly incorporating the manure in the soil, after which an irrigation is a must.

Poly tube soil Mixture where the seeds are sown in the polytubes and are transplanted later to the main field:

For every Kg of field Soil mix the following to fill the tubes:

Plant Guard: 10 gms

Trichostar: 3 gms mixed with FYM 50 gms

Bioteen Krishi chun:5 gms

Neemazin Granules: 8gms

Bio-Teen Soil Conditioner:5 gms

Pit treatment at final Land preparation:

During soil preparation of the pit where the plants would be transplanted or

Directly sown in the main field:

Dig adequate size of pit and remove all pebbles and stones etc, after which adequate FYM is added as per recommendation, also add the following materials with the soil in the pit meant for transplanting or direct sowing of the seeds

Ormacomin: 8-10 gms/pit thoroughly mix with soil

Plant Guard: 8 gms/pit

Trichostar:soil drench @5gms/Lit

Neemazin Granules:5gms/pit

Bioteen Krishi Chun:5gm/pit

Cucurbit Seed Treatment:

Trichostar: 5-8gms in 10ml water make paste and treat 1 kg seed before sowing in poly tubes.

20 days after emergence in the poly tubes:drench the poly tubes with 5gms/lit Trichostar + supermycin 1gm/10 lits water

Main Field Preparation before Transplanting:

Ormacomin: 120 Kgs/acre

Quality soil 2 Kgs/Acre

Bioteen Krishi Chun 10 Kgs/Acre

Bioteen soil sulphur: 5 Kgs /acre

20 days after emergence/Transplanting in the main field :Drench the small plants with Trichostar 5gms/lit + Supermycin 1gm/10lits

Top Dressing:

Superzyme Granules:4-5 Kgs/Acre

Foliar Treatment:

At 25 Days after Transplanting/Emergence in main field :1/2gms Columbia bordo/lit water

At 30 Days after Transplanting/ Emergence in main field: 1ml/lit Trasco-5 Ag Liquid

At 35 Days after Transplanting/ Emergence in main field:5gmsTrichostar/lit water+1gm supermycin/10lits water

At 45 Days after Transplanting/ Emergence in main field:1ml/lit Cucurbit Spl Special

At 50 Days after Transplanting/ Emergence in main field:5gmsTrichostar/lit water+1gm supermycin/10lits water

At 55 Days after Transplanting/ Emergence in main field:1ml/lit Supreme PGR

At 65 Days after Transplanting/ Emergence in main field:1ml/lit Amrit Sanjiban

At 70 Days after Transplanting/ Emergence in main field: 5gmsTrichostar/lit water+1gm supermycin/10lits

At 80-90 Days after Transplanting/ Emergence in main field:1ml/lit Amrit Sanjiban

Above 90 Days after Transplanting/ Emergence in main field:1ml/lit Superzyme liquid

For Pest Control at every 10 days after transplanting in the main field Use Ultineem 3000ppm @2ml/lit water 6 sprays during the growth period.

For mite control Use Orgamite-BB@ 3ml/lit of water every 15 days or as required

*****Very Important Note:**

Recommended dose of Farm Yard Manure (Gobar) and the basal dose of NPK and the top dressing inputs as required has to be provided to the crop as per the recommendation of the State department of Agriculture of your State. Timely control of pests and fungal diseases should be done very promptly or else the crop will not respond to other ancillary applications as illustrated for cultivation.

Cruciferous crops
Cabbage /Cauliflower/Knol Khol/Broccoli etc

Primary Step before the crop is sown:

Soil Inoculation with Bio-Fungicide Trichostar 1% W.P:

Before a new crop is sown the entire Field with a history of showing soil borne diseases like damping offs and wilts should be inoculated with a blanket soil spray of Trichostar @ 5gms/Lit water, keeping in mind that there should be adequate soil moisture for the fungi Trichoderma to survive and establish , alternatively you can mix 1 kg Trichostar in 20 Kgs Organic manure or well rotten F.Y.M leave it for 5-6 days ,cover it and keep it in a cool place, the Fungus Trichoderma will multiply in FYM or the Organic manure , this treated FYM can be broadcast over 0.33 acre thoroughly incorporating the manure in the soil, after which an irrigation is a must.

Land Preparation Bed/Nursery:

During soil preparation of bed :

Plant Guard: 2Kg/60Sqmts area

Neemazin Granules:500gms/60sqmt area

Bioteen Krishi Chun:1Kg/60Sq mt area

Crucifer Seed Treatment:

Trichostar 5-8gms in 10ml water make paste and treat 1 kg seed

Root dip before Transplanting: Dip roots for 10 seconds in a solution of 5gms

Trichostar/lit water before transplanting to main field

Main Field Preparation before Transplanting:

Ormacomin: 200 Kgs/acre

Quality soil 5 Kgs/Acre

Bioteen Krishi Chun 10 Kgs/Acre

Bioteen soil sulphur: 8 Kgs /acre

Top Dressing:

Superzyme Granules: 4-5 Kgs/Acre

Foliar Treatment:

At 25 Days after Transplanting: 1/2gms Columbia bordo/lit water

At 30 Days after Transplanting: 1ml/lit Trasco-5 Ag Liquid

At 35 Days after Transplanting: 5gms Trichostar/lit water + 1gm supermycin/10lits water

At 45 Days after Transplanting:1ml/lit Cabbage Special

At 50 Days after Transplanting:5gmsTrichostar/lit water + 1gm supermycin/10lits water

At 55 Days after Transplanting:1ml/Superzyme Liquid

At 60 Days after Transplanting:2gms/lit Zinc Fortified

At 65 Days after Transplanting:1ml/lit Amrit Sanjiban

At 70 Days after Transplanting: 5gmsTrichostar/lit water + 1gm supermycin/10lits

For Pest Control at every 10 days after transplanting in the main field Use Ultineem 3000ppm @2ml/lit water 6 sprays during the growth period.

For mite control Use Orgamite-BB@ 3ml/lit of water every 15 days or as required

*****Very Important Note:**

Recommended dose of Farm Yard Manure (Gobar) and the basal dose of NPK and the top dressing inputs as required has to be provided to the crop as per the recommendation of the State department of Agriculture of your State. Timely control of pests and fungal diseases should be done very promptly or else the crop will not respond to other ancillary applications as illustrated for cultivation

Chilly /Capsicum crop

Primary Step before the crop is sown:

Soil Inoculation with Bio-Fungicide Trichostar 1% W.P:

Before a new crop is sown the entire Field with a history of showing soil borne diseases like damping offs and wilts should be inoculated with a blanket soil spray of Trichostar @ 5gms/Lit water, keeping in mind that there should be adequate soil moisture for the fungi Trichoderma to survive and establish , alternatively you can mix 1 kg Trichostar in 20 Kgs Organic manure or well rotten F.Y.M leave it for 5-6 days ,cover it and keep it in a cool place, the Fungus Trichoderma will multiply in FYM or the Organic manure , this treated FYM can be broadcast over 0.33 acre thoroughly incorporating the manure in the soil, after which an irrigation is a must.

Land Preparation Bed/Nursery:

During soil preparation of bed :

Plant Guard: 3Kg/60Sqmts area

Neemazin Granules:500gms/60sqmt area

Bioteen Krishi Chun:1Kg/60Sq mt area

Chilly/Capsicum Seed Treatment:

Trichostar 5-8gms in 10ml water make paste and treat 1 kg seed

Root dip before Transplanting: Dip roots for 10 seconds in a solution of 5gms Trichostar/lit water + 1gm Supermycin/10 lit water before transplanting to main field

Main Field Preparation before Transplanting:

Ormacomin: 200 Kgs/acre

Quality soil 3 Kgs/Acre

Bioteen Krishi Chun 10 Kgs/Acre

Bioteen soil sulphur: 8 Kgs /acre

Top Dressing:

Superzyme Granules:4-5 Kgs/Acre

Foliar Treatment:

At 25 Days after Transplanting:1/2gm Columbia bordo/lit water

At 30 Days after Transplanting: 1ml/lit Trasco-5 Ag Liquid

At 35 Days after Transplanting:5gmsTrichostar/lit water+1gm supermycin/10lits water

At 45 Days after Transplanting:1ml/lit Chilly Special

At 50 Days after Transplanting:5gmsTrichostar/lit water + 1gm supermycin/10lits water through drenching is required.

At 55 Days after Transplanting:1ml/ lit Supreme PGR

At 60 Days after Transplanting:2gms/lit Zinc Fortified

At 65 Days after Transplanting:1ml/lit Amrit Sanjiban

At 70 Days after Transplanting: 5gmsTrichostar/lit water + 1gm supermycin/10lits through drenching is required.

For Pest Control at every 10 days after transplanting in the main field Use Ultineem 3000ppm @2ml/lit water 6 sprays during the growth period.

For mite control Use Orgamite-BB@ 3ml/lit of water every 15 days or as required

*****Very Important Note:**

Recommended dose of Farm Yard Manure (Gobar) and the basal dose of NPK and the top dressing inputs as required has to be provided to the crop as per the recommendation of the State department of Agriculture of your State. Timely control of pests and fungal diseases should be done very promptly or else the crop will not respond to other ancillary applications as illustrated for cultivation

Potato

Primary Step before the crop is sown:

Soil Inoculation with Bio-Fungicide Trichostar 1% W.P:

Before a new crop is sown the entire Field with a history of showing soil borne diseases like damping offs and wilts should be inoculated with a blanket soil spray of Trichostar @ 5gms/Lit water, keeping in mind that there should be adequate soil moisture for the fungi Trichoderma to survive and establish , alternatively you can mix 1 kg Trichostar in 20 Kgs Organic manure or well rotten F.Y.M leave it for 5-6 days ,cover it and keep it in a cool place, the Fungus Trichoderma will multiply in FYM or the Organic manure , this treated FYM can be broadcast over 0.33 acre thoroughly incorporating the manure in the soil, after which an irrigation is a must.

Potato Seed Treatment:

**Trichostar 5gms/lit water + Root aid $\frac{1}{2}$ gm/lit + Supermycin 1gm/10 lit water
Dip for 10 mts before planting the potato in the furrows**

Main Field Preparation before sowing the tubers:

Ormacomin :200Kgs/Acre

Bioteen Krishi Chun 12 Kgs/Acre
Bioteen Soil Conditioner 6 Kgs /Acre

Furrow Mixture to be made and applied where the tubers are to be planted:

**Superzyme granules:8Kgs/Acre + Soil Sulphur 2 Kgs/Acre + Ormacomin:
120Kgs/acre + Quality soil 5 Kgs/Acre all the above should be mixed with adequate
soil and placed in the furrows where the tubers are to be placed.**

Top Dressing:

Superzyme Granules:4-5 Kgs/Acre

Foliar Treatment:

At 25 Days after Emergence in the main field :1/2 gms Columbia bordo/lit water

At 30 Days after Emergence in the main field: 1ml/lit Trasco-5 Ag Liquid

**At 35 Days after Emergence in the main field:5gmsTrichostar/lit water + 1gm
supermycin/10lits water**

At 45 Days after Emergence in the main field:1ml/lit Potato Special liquid

At 50 Days after Emergence in the main field:5gmsTrichostar/lit water + 1gm supermycin/10lits water thorough drenching is required.

At 60 Days after Emergence in the main field:2gms/lit Zinc Fortified

At 65 Days after Emergence in the main field:1ml/lit Amrit Sanjiban

At 70 Days after Emergence in the main field: 5gmsTrichostar/lit water + 1gm supermycin/10lits thorough drenching is required

For Pest Control at every 10 days after transplanting in the main field Use Ultineem 3000ppm @2ml/lit water 6 sprays during the growth period.

For mite control Use Orgamite-BB@ 3ml/lit of water every 15 days or as required

*****Very Important Note:**

Recommended dose of Farm Yard Manure (Gobar) and the basal dose of NPK and the top dressing inputs as required has to be provided to the crop as per the recommendation of the State department of Agriculture of your State. Timely control of pests and fungal diseases should be done very promptly or else the crop will not respond to other ancillary applications as illustrated for cultivation.

Maize

Primary Step before the crop is sown:

Soil Inoculation with Bio-Fungicide Trichostar 1% W.P:

Before a new crop is sown the entire Field with a history of showing soil borne diseases like damping offs and wilts should be inoculated with a blanket soil spray of Trichostar @ 5gms/Lit water, keeping in mind that there should be adequate soil moisture for the fungi Trichoderma to survive and establish , alternatively you can mix 1 kg Trichostar in 20 Kgs Organic manure or well rotten F.Y.M leave it for 5-6 days ,cover it and keep it in a cool place, the Fungus Trichoderma will multiply in FYM or the Organic manure , this treated FYM can be broadcast over 0.33 acre thoroughly incorporating the manure in the soil, after which an irrigation is a must.

Maize Seed Treatment:

Trichostar 5-8 gms/10ml water treat the seeds thoroughly

Main Field Preparation before sowing the seeds:

Ormacomin:200 Kgs/Acre
Bioteen Krishi Chun 8 Kgs/Acre
Bioteen Soil Conditioner 5 Kgs /Acre
Quality Soil: 8 Kgs/Acre (Must be applied)

Top Dressing:
Superzyme Granules:4-5 Kgs/Acre

Foliar Treatment:

At 25 Days after Emergence in the main field :1/2 gms Columbia bordo/lit water

At 30 Days after Emergence in the main field: 1ml/lit Trasco-5 Ag Liquid

At 35 Days after Emergence in the main field:5gmsTrichostar/lit water + 1gm supermycin/10 lits water

At 45 Days after Emergence in the main field:1ml/lit Maize Special liquid

At 50 Days after Emergence in the main field:5gmsTrichostar/lit water + 1gm supermycin/10lits water thorough drenching is required.

At 60 Days after Emergence in the main field:3gms/lit Zinc Fortified

At 65 Days after Emergence in the main field:1ml/lit Amrit Sanjiban

At 70 Days after Emergence in the main field: 5gmsTrichostar/lit water + 1gm supermycin/10lits thorough drenching is required.

At 77-80 Days after Emergence in the main field:1ml/lit Superzyme liquid

For Pest Control at every 10 days after transplanting in the main field Use Ultineem 3000ppm @2ml/lit or Ultineem 10000ppm @ 1.5 ml/lit water 6 sprays during the growth period, depending upon the severity of the pest.

**For mite control Use Orgamite-BB@ 3ml/lit of water every 15 days or as required
For control of soil borne pests like borers :Start using Neemazin granules @ 8 gms/Plant right from 35 days age after every 20 days interval.**

*****Very Important Note:**

Recommended dose of Farm Yard Manure (Gobar) and the basal dose of NPK and the top dressing inputs as required has to be provided to the crop as per the recommendation of the State department of Agriculture of your State. Timely control of pests and fungal diseases should be done very promptly or else the crop will not respond to other ancillary applications as illustrated for cultivation.

Sugarcane

Primary Step before the crop is sown:

Soil Inoculation with Bio-Fungicide Trichostar 1% W.P:

Before a new crop is sown the entire Field with a history of showing soil borne diseases like damping offs and wilts should be inoculated with a blanket soil spray of Trichostar @ 5gms/Lit water, keeping in mind that there should be adequate soil moisture for the fungi Trichoderma to survive and establish , alternatively you can mix 1 kg Trichostar in 20 Kgs Organic manure or well rotten F.Y.M leave it for 5-6 days ,cover it and keep it in a cool place, the Fungus Trichoderma will multiply in FYM or the Organic manure , this treated FYM can be broadcast over 0.33 acre thoroughly incorporating the manure in the soil, after which an irrigation is a must.

Sugarcane sett treatment Treatment:

Trichostar 5 gms/lit of water treat +Superzyme liquid 1ml/lit water +Supermycin 1gm/10 lit water + Ultineem 3000ppm 1.5 ml/lit water dip the setts for 20 mts before sowing in the field.

Main Field Preparation before sowing the setts:

Ormacomin:200Kgs/Acre

Bioteen Krishi Chun 10 Kgs/Acre

Bioteen Soil Conditioner 3Kgs /Acre

Quality Soil: 8 Kgs/Acre (Must be applied) or Zinc Active 21 % 4 Kgs/Acre

Top Dressing:

Superzyme Granules:4-5 Kgs/Acre +1 Kg Zinc active /Acre

Foliar Treatment:

At 25 Days after Emergence in the main field :1 gm Columbia bordo/lit water

At 30 Days after Emergence in the main field: 1gm/lit Zinc active + 1ml/lit Supreme PGR

At 35 Days after Emergence in the main field:5gmsTrichostar/lit water + 1gm supermycin/10 lits water

At 45 Days after Emergence in the main field:1ml/lit Superzyme liquid

At 50 Days after Emergence in the main field:5gmsTrichostar/lit water + 1gm Supermycin/10lits water thorough drenching is required.

At 60 Days after Emergence in the main field:2gms/lit Zinc Fortified

At 90 Days after Emergence in the main field:1ml/lit Amrit Sanjiban + 3gms/lit Folimeal

At 120 Days after Emergence in the main field: 5gmsTrichostar/lit water + 1gm supermycin/10lits thorough drenching is required.

At 160-180 Days after Emergence in the main field:40 ml Plantofix/200lits water +3gms/lit Folimeal

At 220 Days after Emergence in the main field:1ml/lit water Miraculous(0.5% n-Triacontanol liquid)

For Pest Control at every 10 days after transplanting in the main field Use Ultineem 3000ppm @2ml/lit or Ultineem 10000ppm @ 1.5 ml/lit water 10 sprays during the growth period, depending upon the severity of the pest.

**For mite control Use Orgamite-BB@ 3ml/lit of water every 15 days or as required
For control of soil borne pests like borers :Start using Neemazin granules @ 5 gms/Plant right from 35 days age after every 20 days interval.**

*****Very Important Note:**

Recommended dose of Farm Yard Manure (Gobar) and the basal dose of NPK and the top dressing inputs as required has to be provided to the crop as per the recommendation of the State department of Agriculture of your State. Timely control of pests and fungal diseases should be done very promptly or else the crop will not respond to other ancillary applications as illustrated for cultivation

Ginger

Primary Step before the crop is sown:

Soil Inoculation with Bio-Fungicide Trichostar 1% W.P:

Before a new crop is sown the entire Field with a history of showing soil borne diseases like damping offs and wilts should be inoculated with a blanket soil spray of Trichostar @ 5gms/Lit water, keeping in mind that there should be adequate soil moisture for the fungi Trichoderma to survive and establish , alternatively you can mix 1 kg Trichostar in 20 Kgs Organic manure or well rotten F.Y.M leave it for 5-6 days ,cover it and keep it in a cool place, the Fungus Trichoderma will multiply in FYM or the Organic manure , this treated FYM can be broadcast over 0.33 acre thoroughly incorporating the manure in the soil, after which an irrigation is a must.

Ginger Rhizome Treatment:

Trichostar 5gms/lit water + Root aid $\frac{1}{2}$ gm/lit + Supermycin 1gm/10 lit water

Dip for 10 mts before planting the Ginger rhizome in the furrows/Beds

Mulch for moisture conservation.

Main Field Preparation before sowing the tubers:

Ormacomin :120Kgs/Acre

Bioteen Krishi Chun 12 Kgs/Acre

Bioteen Soil Conditioner 6 Kgs /Acre

Top Dressing:

Superzyme Granules:4-5 Kgs/Acre +Plant Guard 1Kg +Trichostar 200gms/Acre

Foliar Treatment:

At 25 Days after Emergence in the main field :1/2 gms Columbia bordo/lit water

At 30 Days after Emergence in the main field: 1ml/lit Trasco-5 Ag Liquid

At 35 Days after Emergence in the main field:5gmsTrichostar/lit water + 1gm supermycin/10 lits water

At 45 Days after Emergence in the main field:1ml/lit Adrak Special liquid

At 50 Days after Emergence in the main field:5gmsTrichostar/lit water + 1gm supermycin/10lits water thorough drenching is required.

At 60 Days after Emergence in the main field:1ml/lit Superzyme liquid

At 65 Days after Emergence in the main field:1ml/lit Amrit Sanjiban

At 70 Days after Emergence in the main field: 5gms Trichostar/lit water + 1gm supermycin/10 lits thorough drenching is required

For Pest Control at every 10 days after transplanting in the main field Use Ultineem 3000ppm @2ml/lit water 6 sprays during the growth period.

For mite control Use Orgamite-BB@ 3ml/lit of water every 15 days or as required

*****Very Important Note:**

Recommended dose of Farm Yard Manure (Gobar) and the basal dose of NPK and the top dressing inputs as required has to be provided to the crop as per the recommendation of the State department of Agriculture of your State. Timely control of pests and fungal diseases should be done very promptly or else the crop will not respond to other ancillary applications as illustrated for cultivation.

Wheat

Primary Step before the crop is sown:

Soil Inoculation with Bio-Fungicide Trichostar 1% W.P:

Before a new crop is sown the entire Field with a history of showing soil borne diseases like damping offs and wilts should be inoculated with a blanket soil spray of Trichostar @ 5gms/Lit water, keeping in mind that there should be adequate soil moisture for the fungi Trichoderma to survive and establish , alternatively you can mix 1 kg Trichostar in 20 Kgs Organic manure or well rotten F.Y.M leave it for 5-6 days ,cover it and keep it in a cool place, the Fungus Trichoderma will multiply in FYM or the Organic manure , this treated FYM can be broadcast over 0.33 acre thoroughly incorporating the manure in the soil, after which an irrigation is a must.

Wheat Seed Treatment:

Trichostar 5-8gms/10ml water make paste and mix with one Kg of seed.

Main Field Preparation before Transplanting:

Ormacomin: 200 Kgs/acre

Quality soil 5 Kgs/Acre

Bioteen Krishi Chun 12 Kgs/Acre

Super Zyme Granules:4 Kgs/Acre

Bioteen Soil Conditioner: 5 Kg/Acre

Top Dressing:

Superzyme Granules:4-5 Kgs/Acre

Foliar Treatment:

At 25 Days after Emergence in main field:1/2gms Columbia bordo/lit water

At 30 Days after Emergence in main field: 1ml/lit Trasco-5 Ag Liquid

At 35 Days after Emergence in main field:5gmsTrichostar/lit water + 1gm supermycin/10 lits water

At 45 Days after Emergence in main field:1ml/lit Supreme PGR + 2gms/lit Zinc Fortified

At 50 Days after Emergence in main field:5gmsTrichostar/lit water + 1gm supermycin/10 lits water

At 55 Days after Emergence in main field:3gms/lit Folimeal (Repeat again after 15 days)

At 60 Days after Emergence in main field:1ml/lit Amrit Sanjiban

For Pest Control at every 10 days after emergence in the main field Use Ultineem 3000ppm @2ml/lit water 6 sprays during the growth period.

For Mite control Use Orgamite-BB@ 3ml/lit of water as required

For Root borers ,nematodes Use Neemazin Granules @6-8Kgs/acre + 20 Kgs Sand /acre, in Organic wheat production.

*****Very Important Note:**

Recommended dose of Farm Yard Manure (Gobar) and the basal dose of NPK and the top dressing inputs as required has to be provided to the crop as per the recommendation of the State department of Agriculture of your State. Timely control of pests and fungal diseases should be done very promptly or else the crop will not respond to other ancillary applications as illustrated for cultivation.

Temperate fruit Cultivation in the hilly regions with Trasco Brand Of Products

(Apple,Pear,Peach,Plum,Apricot)

Primary Step before the Fruit Plant is Planted in the field:

Soil Inoculation with Bio-Fungicide Trichostar 1% W.P:

Before a new Fruit Plant is sown the entire Field with a history of showing soil borne diseases like damping offs and wilts should be inoculated with a blanket soil spray of Trichostar @ 5gms/Lit water, keeping in mind that there should be adequate soil moisture for the fungi Trichoderma to survive and establish , alternatively you can mix 1 kg Trichostar in 20 Kgs Organic manure or well rotten F.Y.M leave it for 5-6 days ,cover it and keep it in a cool place, the Fungus Trichoderma will multiply in FYM or the Organic manure , this treated FYM can be

broadcast over 0.33 acre thoroughly incorporating the manure in the soil, after which an irrigation is a must.

Fruit Nursery young plant Pre -Planting Treatment:

**At a stage when the young Plants have thrown up at least 10-15 leaves
Foliar Spray of: Zinc Fortified@ 1gms/lit water + Trichostar 5gms/lit
water+Supermycin 1gm/10 Lit water**

Before Transplanting Fruit plants to main field: Spray the plant with Columbia bordo@ 2gms/Lit water

Pit Preparation for fruit plants just before planting:

The following pit mixture has to be made and mixed with 1 Kgs of Forest virgin soil +3 Kg rotten FYM before planting the plants:

- 1. Ormacomin 100 gms + Bioteen Krishi chun 20 gms +Trichostar 5gms + Superzyme granules 100gms + Plant Guard 50 gms + 5 gms Quality Soil +3 Kg FYM +1 Kg good forest Soil**
- 2. When the plants are 3 months old: 100 Gms Ormacomin to be applied 4” away from collar at 3”-4” depth mixed with 500gms good forest soil.**

3. Foliar treatment at 3 months age on the field: Folimeal 2gms/lit +Liquid Sulphur 2ml/Lit + Trasco-5 Ag Liquid 1ml/lit of water + Ultineem 3000ppm@2ml/lit water 2 sprays at 15 days interval.

At 6 months age in the field soil application : Ormacomin 150 gms + Quality soil 10 gms /Plant+ Root aid 1gm /plant + Neemazin granules 30 Gms/plant + 10 gms Bioteen Krishi Chun

At 1 year age : 3 Soil application with the following:

In March : Soil Application with Ormacomin @ 200gms +Quality soil 10gms+Neemazin granules 20 gms + Superzyme granules 50 grams +20 gms Bioteen Krishi Chun

In June : Soil Application with Ormacomin @ 250gms+Neemazin granules 20 gms

In Sept : Soil Application with Ormacomin @ 250gms+Bioteen soil Sulphur 20 gms

From 2nd year onward till 4th year Yearly 2 Applications, pre and post monsoon

In April : Ormacomin 250 gms+Superzyme granules 60gms +Quality soil 20 gms + 30 gms Bioteen Krishi Chun

In June end : Ormacomin 250 gms+Superzyme 60gms +Quality soil 20 gms

From 5th Year onwards 3 yearly soil treatments:

In First week of April : Ormacomin 400 gms+Superzyme 60gms +Quality soil 20 gms +
50 gms Bioteen Krishi Chun

In First week June : Ormacomin 450 gms+Superzyme 40gms +Quality soil 10 gms

In September : Ormacomin 400 gms only

Foliar treatment schedule of fruit plants :

Foliar For 1 year plants : 4 Sprays yearly

1st Spray in March : 1ml/lit Amrit Sanjiban+Magnesium ½ gm/lit+Chela active 1gm/lit

2nd Spray in May : 1mlTrasco-5 Ag Liquid +Trichostar 5gms/lit+1gm

Supermycin/10lits water

3rd Spray in June 1st week : 3gms/lit Folimeal +2 gms Zinc fortified/lit water +2ml/lit

water Ultineem 3000ppm

4th Spray in July last week: Duet 3gms/Lit +Magnesium 2 gms/lit +1ml Superzyme/lit water

Foliar For 2nd year to 4th plants : 4 Sprays yearly

1st Spray in March : 1ml/lit Amrit Sanjiban+Magnesium ½ gm/lit+Chela active 1gm/lit + 2gms/lit Columbia bordo

2nd Spray in May : 1ml Superzyme Liquid +Trichostar 5gms/lit+1gm Supermycin/10lits water

3rd Spray in June 1st week : 3gms/lit Folimeal +2 gms Zinc fortified/lit water +2ml/lit water Ultineem 3000ppm +1ml/lit Trasco-5 Ag.liquid

4th Spray in July last week: Duet 3gms/Lit +Magnesium 2 gms/lit +1ml Superzyme/lit water

Foliar Spray For 5th year onwards plants : 4 Sprays yearly

1st Spray in March : 1ml/lit Amrit Sanjiban+Magnesium 2 gm/lit+Chela active 1gm/lit +Liquid Sulphur 2ml/lit water + 2gms/lit Columbia bordo

2nd Spray in May : 1ml Superzyme Liquid +Trichostar 5gms/lit+1gm Supermycin/10lits water

3rd Spray in June 1st week : 3gms/lit Folimeal +2 gms Zinc fortified/lit water +2ml/lit water Ultineem 3000ppm +1ml/lit Supreme PGR

4th Spray in july last week: Duet 3gms/Lit +Magnesium 2 gms/lit + 5gms/lit Trichostar + 1gm/10lit Supermycin. + 1ml Superzyme/lit water

For Pest Control at every 20 days after transplanting in the main field Use Ultineem 3000ppm @2ml/lit water.

For mite control Use Orgamite-BB@ 3ml/lit of water every 15 days or as required

*****Very Important Note:**

Recommended dose of Farm Yard Manure (Gobar) and the basal dose of NPK and the top dressing inputs as required has to be provided to the crop as per the recommendation of the State department of Agriculture of your State. Timely control of pests and fungal diseases should be done very promptly or else the crop will not respond to other ancillary applications as illustrated for cultivation.

