

PROPOSED APPLICATION SCHEDULE FOR BANANA

SR. No.	PRODUCT	PURPOSE	STAGE	METHOD AND DOSAGE OF APPLICATION
1.	BIOPLIN + PHOSFERT + NEMASTIN	<ul style="list-style-type: none"> ➤ Control of nematode infection on root zone ➤ Supplementation of Phosphorous ➤ Vigorous growth 	At the time of plantation or within 30 days from date of plantation	Bioplin 500ml + Phosfert 250ml + 2 kg Nemastin in 400 ltr of water and drench near the root zone or give it thru drip.
2.	TRICHOSHIELD - COMBAT	<ul style="list-style-type: none"> ➤ To prevent fungal infestation on root zone 	At the time of plantation or within 25 days from date of plantation	Mix 2 kg Tricho- shield combat in 400 ltr of water and drench near the root zone or give it thru drip.
3.	BIOPLIN + PHOSFERT	<ul style="list-style-type: none"> ➤ Supplementation of N & P ➤ Vigorous growth 	Within 90 days from date of plantation	Mix 500 ml Bioplin +250 ml Phosfert in 400 ltr of water and drench near the root zone or give it thru dip
<u>If severe infection of Nematodes is found then use Nemastin as per above dosage</u>				
4.	VITORMONE	<ul style="list-style-type: none"> ➤ Increase in fruit length, girth and weight 	After cutting of banana flower	Spray Vitormone @ 2 ml/ per lit on banana and use sticker
5.	QUIK KOMPOST	<ul style="list-style-type: none"> ➤ After harvesting, for decomposition of organic waste of banana in field 	After harvesting	Use 10 kg Quik Kompost per ha and dilute in water and spray over the organic waste for decomposition

PROPOSED APPLICATION SCHEDULE FOR COTTON / B T COTTON

SR. No.	PRODUCT	PURPOSE	STAGE	METHOD AND DOSAGE OF APPLICATION
1.	B:SEEPEL	<ul style="list-style-type: none"> ➤ Healthy and better germination ➤ control over Fusarium wilt and soil borne fungi affecting root zone 	Seed Application	10 g B:seepel for 1.5 kg seed application .
2.	BIOPLIN + PHOSFERT	<ul style="list-style-type: none"> ➤ Supplementation of N & P and vigorous growth 	At the time of sowing or soil preparation	Use 250 ml Bioplin +100 ml Phosfert with 50 ltr of water. Mix with with cow dung manure and spray over the soil as usual.
3.	TABA	<ul style="list-style-type: none"> ➤ Increase in flowering and vigor 	Within 30 to 35 days from the date of sowing	Use 1 ml Taba per liter of water and spray on leaves
4.	TABA + VITORMONE	<ul style="list-style-type: none"> ➤ Increase in flowering and vigor 	Within 60 to 65 days from the date of sowing	1 ml Taba +1 ml Vitormone per liter of water and spray on leaves
5.	TABA + VITORMONE + MILASTIN	<ul style="list-style-type: none"> ➤ Increase in flowering and vigor ➤ Prevention of red rust 	Within 80 to 85 days from the date of sowing	1 ml Taba +1 ml Vitormone +2 ml Milastin per liter of water and spray on leaves

PROPOSED APPLICATION SCHEDULE FOR ONION/GARLIC

SR. No.	PRODUCT	PURPOSE	STAGE	METHOD AND DOSAGE OF APPLICATION
1.	B:SEPEL	<ul style="list-style-type: none"> ➤ Healthy and better germination ➤ Control over Fusarium wilt and soil borne fungi affecting root zone 	Seed Application at the time of sowing	10 g B:seepel for 1.5 kg seed application . Seed dressing
2.	BIOPLIN + PHOSFERT + TRICHOSHIELD COMBAT	<ul style="list-style-type: none"> ➤ Healthy plant stand ➤ Control over Fusarium wilt and soil borne fungi affecting root zone 	At the time of seed plantation	100 ml Bioplin +100 ml Phosfert + 1 kg Tricho shield combat in 50 ltr of water. Dip the seedlings near root zone in solution and sow as usual. Or After plantation within 15 days drench the solution near root zone or give it through drip or by saline method at time of watering the field
3.	TABA	<ul style="list-style-type: none"> ➤ Vigorous growth 	30 Days after plantation	Spray Taba @ 1 ml per liter along with sticker
4.	TABA + BRIGADE V	<ul style="list-style-type: none"> ➤ Vigorous growth and control over sucking pests aphids 	60 Days after plantation	Spray Taba @ 1 ml + 2.5 g Brigade V per liter along with sticker
5.	TABA + MILASTIN	<ul style="list-style-type: none"> ➤ Anti-stress & Prevention and control over fungal infestation 	90 Days after plantation or symptoms of fungal attack	Spray Taba @ 1 ml + 2 ml Milastin per liter along with sticker

PROPOSED APPLICATION SCHEDULE FOR CABBAGE/ CAULIFLOWER

SR. No.	PRODUCT	PURPOSE	STAGE	METHOD AND DOSAGE OF APPLICATION
1.	B:SEEPERL	<ul style="list-style-type: none"> ➤ Healthy and better germination ➤ Control over Fusarium wilt and soil borne fungi affecting root zone 	Seed Application at the time of sowing	10 g B:seepel for 1.5 kg seed application . Seed dressing
2.	BIOPLIN + PHOSFERT + TRICHOSHIELD COMBAT	<ul style="list-style-type: none"> ➤ Healthy plant stand ➤ Control over Fusarium wilt and soil borne fungi affecting root zone ➤ Balanced supply of N & P 	10-15 days after transplanting	250 ml Bioplin +100 ml Phosfert + 1 kg Tricho shield combat in 200 ltr of water. Drench the solution near root zone or give it through drip
3.	TABA+ MILASTIN	<ul style="list-style-type: none"> ➤ Vigorous growth ➤ Prevention of foliar fungal diseases 	21 days after transplanting	Spray 1 ml Taba + 2ml Milastin per liter
4.	VITORMONE	<ul style="list-style-type: none"> ➤ Increase in head/ curd size & density ➤ Prevention of foliar fungal diseases 	40-45 days after transplanting	Spray Vitormone @ 1 ml per liter

PROPOSED APPLICATION SCHEDULE FOR POMEGRANATE

SR. No.	PRODUCT	PURPOSE	STAGE	METHOD AND DOSAGE OF APPLICATION
1.	NEMASTIN + PHOSFERT	<ul style="list-style-type: none"> ➤ Management of Nematodes ➤ Boosts growth of absorptive white roots ➤ Control over wilt and soil borne fungi 	First irrigation after Bahar Treatment	2 Kg Nemastin + 250 ml Phosfert in 200 lit water Drench the solution near root zone or give it through drip
2.	BIOPLIN + TRICHOSHIELD COMBAT	<ul style="list-style-type: none"> ➤ Control over wilt and soil borne fungi ➤ Boosts growth of absorptive white roots 	After 6–8 days or at the time of second irrigation	2 Kg Tricho shield combat + 250 ml Bioplin in 200 ltr of water Drench the solution near root zone or give it through drip
For effective control of wilt the above two doses should be repeated when the fruits attain the size of lemon.				
3.	TABA+ VITORMONE	<ul style="list-style-type: none"> ➤ Uniform flowering ➤ Control over fruit drop 	20 –25 days after transplanting	Spray 1 ml Taba + 2ml Milastin per liter
4.	TABA+ VITORMONE	<ul style="list-style-type: none"> ➤ Improved fruiting ➤ Prevention of foliar fungal diseases 	40–45 days after transplanting	Spray Vitormone @ 1 ml per liter
5.	MILASTIN	<ul style="list-style-type: none"> ➤ Control of fungal diseases on leaves & fruits 	From fruit setting to harvesting	Spray Milastin @ 2 ml per liter each month
6.	BRIGADE- V	<ul style="list-style-type: none"> ➤ Control of mealy bugs, aphids, white fly & other sucking pest 	From fruit setting to harvesting	Spray Brigade- V @2.5 gm per liter

PROPOSED APPLICATION SCHEDULE FOR CITRUS

SR. No.	PRODUCT	PURPOSE	STAGE	METHOD AND DOSAGE OF APPLICATION
1.	NEMASTIN + PHOSFERT	<ul style="list-style-type: none"> ➤ Management of Die-back disease 	First irrigation after Bahar Treatment	2 Kg Nemastin + 250 ml Phosfert in 200 lit water for 1 acre Drench the solution near root zone or apply through drip
2.	BIOPLIN + COMBAT TRICHOSHIELD	<ul style="list-style-type: none"> ➤ Control over soil borne fungal diseases ➤ Boosts growth of absorptive white roots 	4-6 days after the first dose	2 Kg Combat Tricho shield + 250 ml Bioplin in 200 ltr of water Drench the solution near root zone or apply through drip
For effective control of wilt the above two doses should be repeated when the fruits attain the size of lemon.				
3.	TABA+ VITORMONE	<ul style="list-style-type: none"> ➤ Uniform flowering ➤ Control over fruit drop 	20 -25 days after transplanting	Spray 1 ml Taba + 2ml Milastin per liter
4.	TABA+ VITORMONE	<ul style="list-style-type: none"> ➤ Improved fruit ➤ Prevention of foliar fungal diseases 	40-45 days after transplanting	Spray Vitormone @ 1 ml per liter
5.	MILASTIN	<ul style="list-style-type: none"> ➤ Control of fungal diseases on leaves & fruits 	From fruit setting to harvesting	Spray Milastin @ 2 ml per liter each month
6.	BRIGADE- V	<ul style="list-style-type: none"> ➤ Control of mealy bugs, aphids, white fly & other sucking pest 	From fruit setting to harvesting	Spray Brigade- V @2.5 gm per liter

PROPOSED APPLICATION SCHEDULE FOR GRAPES

APRIL PRUNING

SR. No.	PRODUCT	PURPOSE	STAGE	METHOD AND DOSAGE OF APPLICATION
1.	BIOPLIN + PHOSFERT + TRICHOSHIELD COMBAT	<ul style="list-style-type: none">➤ Supplementation of N & P➤ Increase in white hair roots➤ Prevention of fungal infestation from soil borne fungi	Within 8 to 10 days after pruning	Bioplin 500ml + Phosfert 250ml + 2 kg Trichoshield Combat Mix in 200 lit of water and drench near the root zone or give it through drip.
2.	TABA + VITORMONE	<ul style="list-style-type: none">➤ Antistress➤ Spontaneous PGPS secretion of bacteria on leaves	80 to 90 days after pruning	Spray Taba 1 ml / lit + Vitormone 1 ml / lit
3.	MILASTIN	<ul style="list-style-type: none">➤ Prevent fungal infestation by inducing SAR *	*First spray between 110 to 120 days from pruning *Second spray between 140 to 150 days from pruning	Mix activator properly with solution in bottle and then dilute in water @ 2 ml /per lit and spray
4.	TRICHOSHIELD COMBAT	<ul style="list-style-type: none">➤ Prevent fungal infestation on leaves and stems	First week of July/August/September	Spray @2.5g per lit on the soil and foliage
5.	BRIGADE	<ul style="list-style-type: none">➤ Prevent from mealy bug and sucking pest attack	Second week of July/August/September	Spray @2.5g per lit on the soil and foliage

6.	MILASTIN	➤ Prevent fungal infestation by inducing SAR *	Monthly spray in December, January & February and 15 days before harvest	2 ml Milastin per liter of water & spray on the leaves and shoot surface
7.	BRIGADE - V	➤ Prevent mealy bug and sucking pest attack	Early symptoms of pest attack	2.5g Brigade V per liter of water & spray on the leaves

Important Note:-

- ✓ **Do not mix the products with any chemicals**
- ✓ **Keep minimum interval of 4 days between sprays of these biological products and other chemical products. Always spray biological products after spraying chemicals**
- ✓ **Do not spray any Bactericide or fungicides after spraying Milastin or Vitormone.**
- ✓ **Do not use Brigade if the humidity levels are less than 50% and the day temperatures are above 35°C**
- ✓ **This schedule is in addition to the normal package of IPM and INM practices**

PROPOSED APPLICATION SCHEDULE FOR GRAPES

OCTOBER PRUNING

SR. No.	PRODUCT	PURPOSE	STAGE	METHOD AND DOSAGE OF APPLICATION
1.	BIOPLIN + PHOSFERT + TRICHOSHIELD COMBAT	<ul style="list-style-type: none">➤ Supplementation of N & P➤ Increase in white hair roots➤ Prevention of fungal infestation from soil borne fungi	Within 8 to 10 days after pruning	Bioplin 500ml + Phosfert 250ml + 2 kg Trichoshield combat Mix in 200 lit of water and drench near the root zone or give it thru drip.
2.	TABA + VITORMONE	<ul style="list-style-type: none">➤ Antistress➤ Spontaneous PGPS secretion of bacteria on leaves➤ Healthy bud sprout	11 to 12 days after pruning	Spray Taba 1 ml / lit + Vitormone 1 to 2 ml / lit
3.	TABA + VITORMONE	<ul style="list-style-type: none">➤ Increase in vegetative growth➤ Healthy flowering	40 to 45 days after pruning	Spray Taba 1 ml / lit + Vitormone 1 to 2 ml / lit
4.	TABA + BRIGADE V	<ul style="list-style-type: none">➤ Vigorous growth and control over sucking pests aphids	60 Days after plantation	Spray Taba @ 1 ml + 2.5 g Brigade V per liter along with sticker
5.	PHOSFERT	<ul style="list-style-type: none">➤ Increase in white hair roots➤ Increase in berry size and girth	75 to 80 days after pruning	Mix Phosfert 250 ml in 200 lit of water and drench near the root zone or give it through drip.

PROPOSED APPLICATION SCHEDULE FOR FLORICULTURE CROPS

Applicable to Flower Crops- Chrysanthemum, Marigold, Jasmine, Gladiolus, etc.

SR. No.	PRODUCT	PURPOSE	STAGE	METHOD AND DOSAGE OF APPLICATION
1.	B:SEEPPEL	<ul style="list-style-type: none"> ➤ Healthy and better germination ➤ Bio-management of soil borne fungi affecting root zone 	Seed Application at the time of sowing	10 g B:seepel for 1.5 to 2 kg seed application . Seed dressing
2.	PHOSFERT + NEMASTIN	<ul style="list-style-type: none"> ➤ Boosts growth of absorptive white roots ➤ Management of Nematodes ➤ Sustainable supply of P 	At the time of transplanting	250 ml Phosfert + 2 Kg Nemastin in 200 ltr of water. Drench the solution near root zone or apply through drip
3.	BIOPLIN + TRICHOSHIELD COMBAT	<ul style="list-style-type: none"> ➤ Sustainable supply of N ➤ Bio-management of soil borne fungi affecting roots 	At the time of transplanting	250 ml Bioplin + 2 kg Tricho shield combat in 200 ltr of water. Drench the solution near root zone or apply through drip
4.	VITORMONE	<ul style="list-style-type: none"> ➤ For healthy & vigorous growth 	30 days after transplanting	Foliar spray of Vitormone @ 1 ml / lit
5.	TABA + BRIGADE V	<ul style="list-style-type: none"> ➤ Vigorous growth ➤ Bio-management of sucking pests ➤ Reduces flower drop 	45-60 days after transplanting	Foliar spray of Taba @ 1 ml + 2.5 g Brigade V per liter

P.S. This application schedule is in addition to the standard INM & IPM Package of Practices.

Applicable to Flower Crops- Chrysanthemum, Marigold, Jasmine, Gladiolus, etc.

PROPOSED APPLICATION SCHEDULE FOR TEA

SR. No.	PRODUCT	PURPOSE	STAGE	METHOD AND DOSAGE OF APPLICATION (per hectare)
SOIL APPLICATION				
SR. No.	PRODUCT	PURPOSE	STAGE	METHOD AND DOSAGE OF APPLICATION
1.	B:SEEPEL	<ul style="list-style-type: none"> ➤ Management of Nematodes ➤ Healthy and better germination ➤ Increased nutrient uptake 	requirement. Seed Application at the time of sowing	Drench the solution near root zone 10 g B:seepel for 1.5 to 2 kg seed application .
2.	BIOPLIN + TRICHOSHIELD COMBAT	<ul style="list-style-type: none"> ➤ Bio-management of soil borne fungi affecting root zone ➤ Bio-management of soil borne fungi affecting roots 	8-10 days after	500 ml Bioplin + 2 kg Tricho shield combat in 200 ltr of water. Drench the solution near root zone
2.	BIOPLIN + TRICHOSHIELD COMBAT	<ul style="list-style-type: none"> ➤ Sustainable supply of N ➤ For healthy & vigorous growth ➤ Bio-management of soil borne fungi affecting roots 	15 days after	100 ml Bioplin + 500 gm Tricho shield combat in 100 ltr of water.
3.	TABA DRIP	<ul style="list-style-type: none"> ➤ Bio-management of soil borne fungi affecting roots 	After each pruning cycle	Apply Taba Drip @ 1000 ml/ha through drip Drench the solution near root zone
4.	SUDO	<ul style="list-style-type: none"> ➤ Bio-management of soil borne fungal diseases ➤ Boosts growth of absorptive white roots 	At the time of replanting	Use Sudo @ 10-15 gms / lit 100 ml Phosfert + 1 Kg Nemastin in 100 ltr of water. Drench the solution near root zone
3.	PHOSFERT + NEMASTIN	<ul style="list-style-type: none"> ➤ Management of Nematodes ➤ Sustainable supply of P 	21 days after replanting in affected areas & also in between heavy rains	Drench the solution near root zone or apply through drip
4.	TABA	<ul style="list-style-type: none"> ➤ Increased flowering & fruit set 	22/23 days after transplanting	Foliar spray of Taba @ 1 ml/ lit
5.	VITORMONE + MILASTIN	<ul style="list-style-type: none"> ➤ Bio-management of fungal diseases ➤ Reduces flower drop 	30 days after transplanting	Foliar spray of Vitormone @ 1 ml/lit + 2 ml Milastin per liter
6.	TABA	<ul style="list-style-type: none"> ➤ Reduces fruit drop ➤ Increases fruit quality 	40 days after transplanting	Foliar spray of Taba @ 1 ml/ lit

PROPOSED APPLICATION SCHEDULE FOR WATERMELON/ MUSKMELON

In case of incidence of diseases like downy mildew, powdery mildew, botrytis foliar spray of Milastin @2ml/lit is recommended.