

Directorate of Horticulture

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Office of the Horticulture Information and Publication Officer Jammu

Public Notice

Important Message for Fruit Growers of Jammu Division.

The fruit growers of Jammu Division are hereby advised to adopt the following cultural and protective measures during the month of **April 2019** for better management of their orchards.

GENERAL:

1. Keep the orchard area clean from all types of unwanted wild growth.
2. Remove off shoots / water sprouts from the young plants as and when they emerge.
3. Whitewash exposed trunks/stems with mixture of Slaked lime & Copper Sulphate against Fungal diseases.
4. Support the young plants for their upright growth.
5. Use insect traps such as light traps, yellow pan sticky traps and pheromones to check insect-pests attack.
6. Use Bio-control agents such as Trichoderma to control soil borne diseases.
7. Use Bio-fertilizers like Azotobactor, Azospyrillum, Phosphobacteria, VAM etc. to enhance soil fertility.
8. Vermicompost should be added in the soil to enrich soil with macro and micro nutrients thereby strengthening and increasing water holding capacity of soil.

MANGO

1. Spray Dimethoate @ 1ml/litre or Carbaryl 50WP @ 2gm/litre of water against Mango Hopper
2. For the control of Mealy Bug:
 - (i) Treat the basins with 2% Methyl Parathion dust @ 250gm/basin.
 - (ii) Use alkathene or sticky greese bands 15-20 cm wide by tying around trunks 0.5 m above the ground level.
 - (iii) Spray Imidacloprid @ 1ml/litre of water.
2. Spray Dinocap @ 0.5ml/litre or Wettable Sulphur @2gm/ litre of water against Powdery Mildew.
3. For control of Mango Anthracnose, Spray Carbendazim @ 0.5gm/litre of water at 15 days interval.

CITRUS

1. Apply half of Urea in April after fruit set if not applied in March.
2. Provide thatches/covers to the young Citrus plants but ensuring free circulation of air.
3. Spray 2,4D @ 10mg/litre of water against Fruit drop.
4. Spray Zinc Sulphate @ 3gm/litre of water if Zinc deficiency symptoms are observed.

GRAPES

1. Remaining half dose of Urea and MOP be applied after fruit set.

2. Spray Carbendazim @ 0.5 gm/ litre of water against Anthracnose in last week of April and repeat at 10-15 days interval.

LITCHI

1. Apply remaining half of Urea during last week of April to improve the fruit quality.
2. Spray Zinc Sulphate @ 1.5gm/litre or Gibberalic acid @ 40mg/ litre of water at weekly intervals against fruit cracking.
3. Spray N.A.A. @ 30-40m.g/litre or Gibberalic acid @ 20-50 mg/litre of water against fruit drop.
4. Spray Methyl Parathion 50 EC @ 1ml/litre of water against Nut Borer.

ANAR

1. For control of Anar Butterfly, spray of Cypermethrin 10EC @ 7 ml / 10 litres of water or 25EC @ 3ml / 10litres of water should be carried out. Repeat spray after 15 days.

APPLE AND PEAR

1. Spray against Scab at Pinkbud stage (Mid April to ending April) with Dodine 65WP @ 60gm/100 litres or Fenarimol 12 EC @ 40 ml/ 100 litres or Bittertanol 25 WP @ 50gms/100 litres of water.
2. Spray Chloropyriphos 20 EC @ 100ml/100 litres of water 3 to 4 days after spray against Scab as a prophylactic measure against Blossom Thrip.

STONE FRUITS (PEACH, PLUM, APRICOT)


1. Spray Copper Fungicide @ 3gm/litre of water at post bloom/fruit set stage during 1st fortnight to 2nd fortnight.
2. Spray Chloropyriphos 20 EC @ 100ml/100 litres of water or Malathion @ 50 ml/ 100 litres of water for control of Aphid/Mite attack, 3 to 4 days after Copper Compound spray.

FRUIT PLANT NURSERIES

1. Removal of off shoots/weeds and hoeing of nursery beds, mother plant basins.
2. Drenching of young nursery stocks of Apple and Pear with Carbendazim @ 1gm/litre of water as prophylactic measures against Damping off/ Root rot.

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