

Directorate of Horticulture

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Office of the Horticulture Information and Publicity Officer Jammu

N O T I C E

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 **MAY 2019** for better management of their orchards.

GENERAL:-

1. Contact Departmental field functionaries for planning Rainy Season Plantation.
2. Keep the orchard area clean from all types of unwanted wild growth.
3. Whitewash exposed trunks/stems with mixture of Slaked lime & Copper Sulphate .
4. Support the young plants for their upright growth and provide irrigation as per need.
5. Use insect traps such as light traps, yellow pan sticky traps and pheromones to check insect-pests attack.
6. 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. For the control of Mango Malformation, remove the affected vegetative and floral part from Mango trees along with 20-25cm healthy portion and then spray Carbendazim @ 1gm/litre of water.
2. Spray Dimethoate @ 1ml/litre of water or Monocrotophos @ 1ml/litre against Hopper, if necessary.
3. Spray Copper Oxychloride @ 3gm/litre or Bordeaux mixture 1:1:100 (copper sulphate : lime : water) against Fruit Rotting fungi, Leaf Blight and Twig Dieback.
4. Spray of Copper Oxychloride @ 3gm/litre should be carried out before stone maturation stage and repeat the spray of Carbendazim @ 1gm/litre after 15 days to control Mango Anthracnose.

CITRUS

1. Spray Dimethoate @ 1ml/litre against Citrus Psylla, Leaf Miner and Lemon Butterfly.
2. To control Citrus Decline, spray Zinc Sulphate (1kg) + Lime (500gm) dissolved in 200 ltrs of water.

LITCHI

1. Spray Zinc Sulphate @ 1.5gm/litre of water at weekly intervals against fruit cracking along with frequent irrigation.
2. Spray N.A.A. @ 30-40mg/litre or Gibberalic acid @ 20-50 mg/litre of water against pre-harvest fruit drop.
3. Spray Methyl Parathion 50 EC @ 1ml/litre of water against Nut Borer.

4. Maintain proper soil moisture to avoid the incidence of cracking

APPLE AND PEAR

1. Second spray against Scab with Hexaconazole 5 EC @ 30ml/100 litres of water or Triadimefon 25 WP @ 50gms/100 litres at the stage when 80% petal fall occurs.
2. After 3-4 days of spray against Scab, ensure second spray of insecticides viz Phosalalone 35 EC @ 140ml/100 litres of water or Dicofol 18.5 EC @ 108ml/100 litres of water.

STONE FRUITS (PEACH, PLUM, APRICOT)

1. Harvest early cultivars of sub-tropical Peach (Floridasun) when fruit has attained proper maturity.
2. Spray Copper Compound @ 3gm/litre of water at pea size/fruit let stage (Plum/Apricot).
3. 7 days after Copper spray, insecticidal spray viz. Chloropyriphos 20 EC @ 3ml/litre of water against Caterpillar and Woolly Aphids should be done.

NURSERY STOCKS

1. 2nd hoeing to be ensured to ensure proper soil aeration, Nitrification and destruction of weeds and irrigate the nursery areas as per need.
2. Budded/Grafted plants which will be ready for sale in Rainy Season must be given light dose of Nitrogen.
3. Removal of off shoots of nursery stocks.
4. Sowing of seeds of leguminous crops in vacant nursery areas for Green manuring.
5. Spray with Dinocap @ 50ml/100 litres of water or Tridimefon 25 WP @ 50gm/100 litres of water to check the infection of Powery Mildew in case of Apple and Pear plants.
6. Where there is shortage of irrigation avoid frequent hoeing as the soil itself act as natural mulch to conserve the moisture.
7. Keep the newly grafted plants under shade net.
8. Maintain proper soil moisture for germinating seedlings as well as for newly grafted plants.


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