

Directorate of Horticulture

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Office of the Horticulture Information and Publication Officer

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

GENERAL:-

- (1) Complete digging & refilling of pits for rainy season plantation.
- (2) Remove water sprouts / off shoots from young plants.
- (3) Provide regular irrigation to the young plants.
- (4) Whitewash exposed trunks/stems with mixture of Slaked lime & Copper Sulphate .
- (5) Use insect traps such as light traps, yellow pan sticky traps and pheromones to check insect-pests attack.
- (6) Follow Integrated Nutrient Management / Integrated Pest Management practices especially in bearing orchards.
- (7) Protect the young plants from hot winds by covering with shadenet or thatching material.

MANGO

- (1) Spray Dimethoate @ 1ml/litre of water against Hopper, if necessary.
- (2) For the control of Mango Malformation, remove the vegetative and floral mals from Mango trees alongwith 20-25 cm healthy portion and then spray Carbendazim @ 1gm/litre of water.
- (3) Spray Borax @ 6gm/litre of water against Black tip of Mango if problem is observed.

CITRUS

- (1) Spray Dimethoate @ 1ml/litre against Citrus Psylla, Leaf Miner and Lemon Butterfly.
- (2) To control Citrus Decline:-
 - (a) Spray Copper Oxychloride @ 3gm/litre of water at 15 days interval.
 - (b) For Control of insects like Aphids and Psylla, spray Dimethoate @ 1ml/litre of water as they spread the diseases associated with Citrus Decline.
- (3) To check fruit drop in Kinnow:-
 - (a) Drench the plants with Copper Oxychloride @ 3gm per litre of water, repeat after 15 days.
 - (b) Thinning of fruits to maintain optimum number of fruits per tree i.e. 200-250 nos for (13-15 yrs) old plants.

GUAVA

- (1) Spray the plants with Zinc Sulphate (300g) + Unslaked Lime (150g) in 100 litres of water against Zinc deficiency at fortnight interval.

ANAR

- (1) Destroy fruits infested with with Anar butterfly
- (2) Give spray of Dimethoate @1ml/litre of water against anar butterfly.

LITCHI

- (1) Spray Methyl Parathion 50 EC @ 1ml/litre of water against Nut Borer.
- (2) Spray Zinc Sulphate @ 3gm/litre of water and provide frequent irrigations to avoid fruit cracking.
- (3) Harvest mature Litchi fruits in bunched along with portion of stalk

APPLE/PEAR

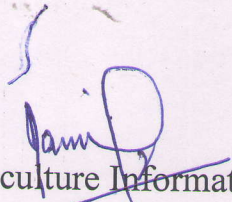
- (1) Spray against Scab with Mencozeb 75 WP @ 300gms/100 ltrs of water or Ziram 80WP @ 200gms/100 litres of water at Peanut stage of fruit development.
- (2) After 3-4 days of spray against Scab, spray Dicofol 18.5 EC @ 108ml in 100 litres of water or Methyl Dimeton 25EC @ 80ml/100 litres of water or Chloropyrifos 20 EC @ 100ml/100 litres of water against Mite, Leaf Miner, Aphids, Orchips.
- (3) Spray against Powdery Mildew with Dinocap @ 50ml/100 litres of water or Triadimefon @ 50gms/ 100 litres of water after 7 days of insecticidal spray.

STONE FRUITS (PEACH, PLUM, APRICOT)

- (1) Staking of fruit ladden branches to avoid limb cracking due to heavy weight of the fruit .
- (2) Harvesting of stone fruits viz. Apricots.
- (3) Post harvest spray of Copper Compound @ 300gms/100 litres of water to be ensured.

FRUIT PLANT NURSERY

- (1) Removal of tied material in case of grafted plants.
- (2) Stone extraction of wild Apricot and Peach to preserve it for seed sowing.
- (3) Weeds should be removed from nursery beds.
- (4) Budding of Stone fruits should be started from last week of the month.
- (5) Procure the layering material like moss gross root promoting chemicals and alkathene
- (6) Keep the grafted plants fit for sale under shade net
- (7) Apply mulch made from fallen dried leaves to maintain soil moisture
- (8) Avoid hoeing during the summer months


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