

**Office of the Horticulture Information and Publication Officer Jammu**

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**Advisory for fruit growers of Jammu Division**

The fruit growers of Jammu Division are hereby advised to adopt the following cultural and preventive measures during the month of **March 2022** for better management of their orchards.

1. Continue Spring Plantation in irrigated areas during the month of March.
2. Remove water sprouts /offshoots from the plants.
3. Whitewash exposed trunks/stems with mixture of slaked lime, copper sulphate & water in the ratio of 1:1:100 against sunburn/fungal diseases.
4. Provide staking to 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, strengthen and increase water holding capacity of soil.
9. Due to scarcity and limited sources of water, micro- irrigation system like Drip and sprinkler system should be installed in the orchards.
10. Apply half dose of urea if not applied in previous months to all the fruit plants such Mango, Citrus, Guava etc. as per their age.
11. Spray Dimethoate 30EC @ 1ml / litre of water against mango hopper at panicle emergence stage, mealybugs, mango scales, shoot borer, citrus psylla & leaf miner. Remove affected grafts or seedlings
12. Spray Carbendazim @ 0.5-1.0 gm / litre of water against mango malformation & anthracnose.
13. Spray Copper Oxychloride @ 3gm / litre of water against anthracnose, canker in citrus.
14. To avoid rainy season crop in guava, spray Urea @ 10gm / litre of water at full bloom stage.
15. Prune dried/diseased branches and drench with Carbendazim @ 1gm / litre of water against Guava Wilt.
16. Harvest the mature fruits of ber and maintain sanitation of orchards by destroying the infested ones. Spray Dimethoate 30 EC @ 1 ml / litre against ber fruit fly but stop spraying at least 15 days before harvesting.
17. For control of Anar butterfly, spray Cypermethrin 10 EC @ 7ml / 10 litres of water when flowering starts i.e end of March to 1<sup>st</sup> week of April depending upon the location.
18. Dormant spray of TSO (Tree Spray oil) be completed by 1<sup>st</sup> week of March, if not done earlier in the ratio of 1:30.
19. Spray Dinocap @ 0.5ml / litre of water or Carbendazim @ 0.5gm/litre of water or Triadimefon 25wp @ 0.5gm / litre of water against powdery mildew.
20. Complete top working of inferior cultivars of Apple and Pear, if existing in the Orchard. Pruning be completed at higher altitudes. Prepare basins up to canopy of the tree during last fortnight of March.
21. Second spray of copper fungicide @ 3gm or carbendazim @ 0.5-1.0 gm / litre of water against leaf curl/blight be sprayed against Peach and Plum when 80% petal fall occurs (15<sup>th</sup> March to end of March).
22. Treat the plants against gummosis by scraping the diseased portion along with some healthy part with knife and then washing with mercuric chloride (1 gm / litre of water) and then apply Bordeaux paste.
23. Complete grafting of Apple and Pear and head back last seasons budded plants, if not done earlier. Care should be taken that it should be done in 1<sup>st</sup> week of this month.

  
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