



**Sher-e-Kashmir**  
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No: AU/DEx/2018/2679-94

Date: 11/09/2018

**Advisory for Orchardists of the Valley**

1. Need based pre-harvest spray (For long term storage) 25 days before harvest, spray the following fungicides (per 100 lit. of water) :
  - Mancozeb 75 WP (300 g) or
  - Zineb 75 WP (300 g) or
  - Ziram 80 WP (200 g) or
  - Captan 50 WP (300g)
2. To improve storability of fruits, spray calcium chloride @ 5g per lit. of water 30 days before harvest or dip the fruit in 4% calcium chloride solution for 5 minutes before packing.
3. For management of Woolly apple aphid and other aphids, remove the infested twigs and spray Dimethoate 30 EC @ 100ml per 100 lit. of water.
4. For management of Root rot in apple trees:
  - Drench tree basin of affected tree with Carbendazim 50 WP @ 100g or Carbendazim 12% + Mancozeb 63% 75WP @ 500g in 100 lit. of water. Apply fungicide suspension in 15-20 cm deep holes at a distance of 30cm throughout the tree basin.
5. For management of Collar rot in apple trees:
  - Scrap the diseased portion from collar region of the plant and apply Chaubatia or Bordeaux paste on the scrapped portion.
  - Drench the soil under tree canopy with Metalaxyl MZ 72 WP (500 g) or Mancozeb 75WP (600 g) or Copper oxychloride 50 WP (600 g) in 100 lit. of water. Repeat drenching after 15-20 days of the first drenching.
6. For management of Sunburn in apple trees:
  - White wash with a mixture of  $\text{CuSO}_4$  (60 g) + Hydrated lime (1.5 kg) + Glue (250 g) dissolve in 20 lit. of water.

*Sd/-*

Associate Director Extension (Agri.)

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- I/C ARIS with the request to kindly upload the advisory on the university website