



Sher-e-Kashmir
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Subject: Occurrence of Shot Hole Borer in some apple orchards exhibiting **Papery Bark** type symptoms

During routine surveillance/diagnostics of apple orchards in Kashmir, it has been observed that some orchards especially those in the vicinity of forest areas exhibit papery bark type symptoms on scaffold branches and twigs which do not get cured if treated for papery bark disease. The affected parts on critical examination exhibit heavy infestation of shot hole borer (*Scolytus nitidus* Schedl) pest. It is therefore necessary that we reach out to the orchardists with appropriate management measures of the pest.

It is in this context that the enclosed advisory is devised for general awareness of the orchardists and its adoption for combating the pest.

Director Extension

Copy to:

- Director Horticulture, Srinagar Kashmir
- Director Doordarshan Kendra Srinagar/Radio Kashmir Srinagar
- Head Division of Entomology (FoH/FoA)/Plant Pathology(FoH/FoA)/Fruit Science (FoH)/ Horticulture (FoA)
- PCs of all KVKs
- Secretary to Vice Chancellor for kind information of Hon'ble Vice Chancellor, SKUAST-K
- PA to Director Extension for kind information of Worthy Director Extension
- I/C ARIS with the request to kindly upload the advisory on the university website

Advisory for management of Shot Hole Borer in Apple trees

1. Maintain tree health and vigour by adhering to mulching, balanced fertilizer application and timely irrigation.
2. Prune the borer-infested branches and, in case of severe infestation, remove the whole infested brood trees or infested branches and ensure their complete destruction by burning.
3. If adults are observed in orchards (especially from May to August), spray with Dimethoate 30 EC or Chlorpyrifos 20 EC @1ml per litre of water.
4. Mud plaster infested tree trunks/branches with Dichlorvos 76 EC or Malathion 5% D or Chlorpyrifos 1.5% D and soil in the ratio of 1:6.