

THIRD ADVISORY 2023 for the management of apple diseases


Department of Plant Pathology

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On the basis of periodical field surveys conducted by the scientists of the Department of Plant Pathology, visible symptoms of foliar diseases viz. Apple Scab, Alternaria leaf blight and Marssonina leaf blotch has been recorded in the districts of Himachal Pradesh. Keeping in view these observations, following advisory is issued to the farmers:

- As there was wide spread rains during this period, the epidemiological conditions were congenial for occurrence and spread of apple scab and the symptoms were observed in the some orchards of the state. The orchards where the disease was prevailing spray of fungicides were recommended as per spray schedule given by the Directorate of Horticulture and Dr. YS Parmar University of Horticulture and Forestry, Nauni Solan HP. The spray of hexaconazole 4 % + zineb 68 % WP (500 gm/ 200 L of water) or propineb (600 gm/ 200 L of water) or captan (600 gm/ 200 L of water) is recommended.
- Due to the congenial epidemiological conditions for occurrence of Marssonina leaf blotch, farmers should continuously monitor the status of this disease and need based application of metiram 55 % + pyraclostrobin 5 % WG (200 gm/ 200 L of water) or tebuconazole 8 % + captan 32 % SC (500 ml/ 200 L of water) or fluopyram 17.7 % w/w + tebuconazole 17.7 % w/w SC (126 ml/ 200 L of water) or dodine 40% SC (150 ml/ 200 L of water) or fluxapyroxad 250g/l + pyraclostrobin 250g/l 500SC (20ml/200L of water) is recommended.
- The severe incidence of Alternaria leaf blight is also prevalent in different locations of the state, need based spray of metiram 55 % + pyraclostrobin 5 % WG (200 gm/ 200L of water) or tebuconazole 8 % + captan 32 % SC (500 ml/ 200 L of water) or fluopyram 17.7 % w/w + tebuconazole 17.7 % w/w SC (126 ml/ 200 L of water) or dodine 40% SC (150 ml/ 200 L of water) or fluxapyroxad 250g/l + pyraclostrobin 250g/l 500SC (20ml/200L of water) is recommended.

Overall, focus should be directed on the management of apple scab, Marssonina leaf blotch and Alternaria leaf blight, and the need-based applications of fungicides as mentioned in the spray schedule should be done.


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