

## FIRST ADVISORY 2023 for the management of apple diseases

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**Advisory based on the inputs from virtual “Bayer Disease Prediction System” and collaborative research project of Department of Plant Pathology on ‘Validation of Prediction System for Apple Foliar Diseases’ funded by Bayer Crop Science Limited.**

On the basis of virtual data received through “Bayer Disease Prediction System” and periodical field surveys conducted by the scientists of the Department of Plant Pathology and representatives of Bayer Crop Science Limited, no visible symptoms of foliar diseases viz., apple scab, powdery mildew, etc. are observed. Keeping in view these observations, following advisory is issued to the farmers:

- As there are intermittent rains and cooler climate, the epidemiological conditions for occurrence of apple scab will become congenial especially at higher elevations of apple growing areas (amsl 1800). The orchards where the disease was prevailing last season should spray either of these fungicides at green tip: captan (600gm / 200L water) or ziram (600gm or ml/200L water or dodine (200gm / 200L water)
- If there are dry conditions, the epidemiological conditions for occurrence of powdery mildew will become congenial especially at lower elevations of apple growing areas. The first spray of fluxapyroxad 75g/l + difenoconazole 50 g/l SC (60ml / 200L of water for managing powdery mildew should be given at green tip stage.

Hence, farmers are advised to take precautions in this regard and decide the frequency of sprays on the basis of disease symptoms and severity specifically in their orchards.

  
24-03-2023  
**Professor & Head**