

**GOVERNMENT OF INDIA
INDIA METEOROLOGICAL DEPARTMENT
AGROMETEOROLOGICAL ADVISORY UNIT, RWFC, NEW DELHI**

Year 25, No: - 11/2017-18/Tue.

Time: 2.30 PM

Date: 06th February, 2018

Weather during current week (From 31st January to 06th February, 2018)

Slight fog was observed at morning during the week. The maximum temperature ranged between 21.0°C and 26.0°C (weekly normal 20.6°C). The minimum temperature ranged between 2.6°C and 10.2°C (weekly normal 7.0°C). Relative humidity at 7.21 AM ranged between 80 and 97 percent and that at 2.21 PM ranged between 30 and 46 percent. The average bright sunshine hour during the week was 6.5 hours per day (weekly normal 6.3 hours). The average wind speed recorded was 4.2 km/h (normal 3.9 km/h). Mean evaporation rate during the period was 3.7 mm/day (weekly normal 2.7 mm/day). Wind during morning was mostly calm and during afternoon it was from north-west directions.

Weather Forecast for next five days received from India Meteorological Department, Regional Meteorological Centre, Agromet Advisory Unit, Lodhi Road, New Delhi is given below:

Weather parameter/ Date	07-02-18	08-02-18	09-02-18	10-02-18	11-02-18
Rainfall (mm)	0.0	0.0	0.0	0.0	0.0
Maximum Temperature (°C)	24	24	24	25	25
Minimum Temperature (°C)	08	07	08	08	11
Average Cloud Cover (Okta)	2	5	4	5	5
Maximum RH. (%)	90	90	85	85	80
Minimum RH. (%)	30	30	30	25	25
Average Wind Speed(<i>kmph</i>)	08	10	07	05	11
Predominant Wind direction	NNW	NNW	NNW	NNW	NNW
Cumulative Rainfall (mm)	0.0 mm				

Weather based Agromet Advisories (for the period ending on 11th February, 2018)

Advisory based on advices received from the subject matter specialists of agro-advisory committee:

1. In present weather condition constant monitoring of the wheat crop against rust disease is advised. If symptoms of black, brown or yellow rust appears spraying of crops with Dithane M-45 @ 2.5 grams per litre of water should be done. For yellow rust temperature should be between 10-20°C. Above 25°C the dispersion of yellow rust does not occurs. For brown rust the temperature should be between 15-25°C with humid weather conditions. For black rust temperature should be above 20°C with less humidity.
2. For monitoring of the pod borer in the gram crop, farmers are advised to install Pheromone trap @ 3-4 traps per acre, if flowering has reached 20-25%. "T" shaped bird perches in and around crop field to be installed for controlling insect population.
3. Keeping temperature in view, start field's preparation for sowing of early crop of ladies finger- A-4, Parbani Kranti and Arka anamika cultivars. Seed rates should be 10-15 kilogram per acre.
4. Bees are important source for pollination in vegetable and crops therefore, bee keeping should be promoted. To protect the bees, spraying of pesticides should be done in morning or evening hours during winter.
5. Due to favourable temperature during the week farmers are advised for sowing of cucurbitaceous, chilli, tomato and brinjal crops in the nursery and transplanting of young seedlings of tomato, chilli and cole crop may be done in this week. Arrangement of good quality of seed should be done from certified agency.
6. In present weather condition constant monitoring of potato crop against attack of late blight is advised. If primary symptoms are found, spraying of Captan 2 gram\litre of water is advised.

7. Sowing of one-time-cutting purpose spinach (Jyoti), coriander (Pant Haritma), fenugreek (PEB, AM-1) may be done in present weather conditions. Foliar spray of 20 kg urea in 400 litre of water per acre may be done to maintain foliage health.
8. Farmers are advised to install pheromone traps @ 3-4 traps per acre for monitoring of the pest population for diamond back moth in cole crop, pod borer in pea and fruit borer in tomato.
9. Keeping weather in view, intercultural operations should be done in carrot, radish, turnip and sweet potato crops.
10. Constant monitoring of pea crop against pod borer and tomato crop against fruit borer with installation of pheromone traps @ 3-4 traps per acre is advised. Spraying of *Bt* formulation is advised when pest population reaches ETL.
11. Keeping weather in view, constant monitoring of inflorescence rotting disease in marigold crop is needed. If symptoms is found spraying of Bavistin @ 1 gram\litre or indofil-M 45@ 2 ml\litre water is recommended.
12. In present weather, wrapping of plastic sheets around mango trunk should be done for preventing climbing of young (nymphs) mealy bugs. Apply grease to seal any cracks in the polythene sheets.

**AGROMET ADVISORY SERVICE UNIT DELHI
AND AGRICULTURE DEPTT. DELHI**

Scientist 'D'

E-MAILMESSAGE-

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