

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

Year 25, No: - 23/2017-18/Tue.

Time: 2.30 PM

Date: 20th March, 2018

Weather during current week (From 14th to 20th March, 2018)

Clear weather was observed during the week. The maximum temperature ranged between 30.0°C and 35.0°C (weekly normal 27.7°C). The minimum temperature ranged between 10.0°C and 14.6°C (weekly normal 13.8°C). Relative humidity at 7.21 AM ranged between 70 and 90 percent and that at 2.21 PM ranged between 17 and 35 percent. The average bright sunshine hour during the week was 8.3 hours per day (weekly normal 7.8 hours). The average wind speed recorded was 4.5 km/h (normal 5.2 km/h). Mean evaporation rate during the period was 4.9 mm/day (weekly normal 5.5 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	21-03-18	22-03-18	23-03-18	24-03-18	25-03-18
Rainfall (mm)	0.0	0.0	0.0	0.0	0.0
Maximum Temperature (°C)	34	32	33	34	35
Minimum Temperature (°C)	18	17	16	17	17
Average Cloud Cover (Okta)	4	1	2	2	2
Maximum RH. (%)	80	75	75	75	75
Minimum RH. (%)	25	25	25	25	25
Average Wind Speed(<i>kmph</i>)	15	10	10	10	12
Predominant Wind direction	WNW	ESE	NNW	NNW	NW
Cumulative Rainfall (mm)	0.0 mm				

Weather based Agromet Advisories (for the period ending on 25th March, 2018)

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

1. In view of increasing temperature farmers are advised to irrigate wheat crop in grain filling stage. Light irrigation should be done in the evening hours.
2. After threshing of mustard crop farmers are advised to destroy the crop residues, this will minimize the attack of painted bug. Before keeping mustard grains in store, it should be properly cleaned and dried to the recommended level (less than 12%) of moisture content.
3. Farmers are advised to start sowing of green gram and black gram. Seed should be procured from certified source. Variety: - Green gram – Pusa Visal, Pusa 9531, PDM-11, SML-668 and Black gram – Pant Urd 19, Pant Urd 30, Pant Urd 35, PDU-1. Seed treatment with crop specific Rhizobium culture as well as phosphorus solubilising bacteria (PSB) is also advised. Insure optimum soil moisture for proper germination.
4. In view of increasing temperature farmers are advised for light irrigation in vegetable crops.
5. In cucurbitaceous crops, if attack of red pumpkin beetle is found than, spraying of Diclorvos 76 EC (DDVP) @ 1 ml /litre of water is advised.
6. In cucurbitaceous crop which are 20-25 days old, application of 10-15 gram urea/hill is advised.
7. Keeping increasing temperature in view, farmers are advised for sowing of lady finger. Cultivars: A-4, Parbani Kranti, Hisar Unat, Punjab Padmani and Arka anamika. Insure optimum soil moisture for proper germination. Seed rates should be 8-10 kg/acre. Use well decomposes FYM before sowing of crop.

8. Sowing of French bean (contender), cluster bean (Pusa Sukomal is advised as present temperature is suitable for germination of seeds. Procurement of seeds should be done from a certified source. Insure optimum soil moisture for proper germination.
9. In present weather conditions, transplanting of young seedlings of bringal, chilli in flat beds and direct sowing of cucurbits may be done in Hill channel method. Irrigation should be done after transplanting.
10. Constant monitoring of timely sown onion crop against attack of thrips should be done. Spraying of Imidacloprid @ 0.5 ml per litre of water with sticky material (Tipol 1.0 gram /litre) is advised for effective control.
11. Installation of bird perches in tomato crop is advised to control fruit borer insect. Hand picking of damaged fruit and burying are advised. Installation of pheromone trap @ 2-3 traps per acre of crop field is advised for monitoring the tomato fruit borer. Change the lure after 15 days.
12. In brinjal crop, to control shoot and fruit borer, collection of infested fruits and shoots and burying these are advised. If pest population is high, spraying of Spinosad 48 EC @ 1 ml. /4 litres of water is advised.
13. Farmers are advised for transplanting of summer marigold seedling in prepared fields. Irrigation should be done after transplanting.
14. Temperature is suitable for sowing of fodder crops (bajra, sorgum maize, lobia). Insure optimum soil moisture before sowing. Sowing of HM-4, hybrid cultivar of baby corn may also be done.
15. In mango orchard, Start monitoring for mango hopper, mango mealy bug and destroy infected inflorescence if mango malformation is found.

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

Scientist 'D'

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