

**GOVERNMENT OF INDIA
INDIA METEOROLOGICAL DEPARTMENT
AGROMETEOROLOGICAL**

Year 25, No: - 18/2017-18/Thur.

Time: 2.30 PM

Date: 01st March, 2018

Weather during current week (From 23rd February to 01st March, 2018)

Slight fog was observed at morning during the week. The maximum temperature ranged between 27.0°C and 30.5°C (weekly normal 24.4°C). The minimum temperature ranged between 10.5°C and 16.0°C (weekly normal 10.5°C). Relative humidity at 7.21 AM ranged between 84 and 96 percent and that at 2.21 PM ranged between 49 and 69 percent. The average bright sunshine hour during the week was 6.3 hours per day (weekly normal 8.4 hours). The average wind speed recorded was 4.2 km/h (normal 4.2 km/h). Mean evaporation rate during the period was 4.0 mm/day (weekly normal 4.8 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	02-03-18	03-03-18	04-03-18	05-03-18	06-03-18
Rainfall (mm)	0.0	0.0	0.0	0.0	0.0
Maximum Temperature (°C)	31	30	28	29	29
Minimum Temperature (°C)	16	16	17	15	15
Average Cloud Cover (Okta)	3	1	7	2	1
Maximum RH. (%)	90	93	95	90	90
Minimum RH. (%)	38	38	45	40	35
Average Wind Speed(<i>kmph</i>)	06	08	10	10	10
Predominant Wind direction	NW	NNW	NE	NNW	NW
Cumulative Rainfall (mm)	0.0 mm				

Weather based Agromet Advisories (for the period ending on 06th March, 2018)

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

1. Keeping increasing temperature in view, farmers are advised to start field's preparation for sowing of lady finger. Farmers are advised for arrangement of good quality of seeds cultivars: A-4, Parbani Kranti, Hisar Unat, Punjab Padmani and Arka anamika. Seed rates should be 8-10 kilogram per acre. Uses well decompose FYM before sowing of crop.
2. 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.
3. In present weather conditions, transplanting of young seedlings of tomato, chilli in flat beds and cucurbits crop may be done in Hill channel method in this week.
4. 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 when sky is clear for effective control.
5. 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.
6. 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 when sky is clear.

7. In present weather condition constant monitoring of the wheat crop against brown and black rust are advised. If symptoms of brown or black rust appears spraying of crops with Dithane M- 45 @ 2.5 grams or Carbendazim 1.0 gm or Propiconazole 1.0 gm per litre of water may be given when sky is clear.
8. In present weather condition farmers are advised for constant monitoring of the pod borer in the gram crop. 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 30-40%. “T” shaped bird perches in and around crop field to be installed for controlling insect population.
9. Keeping temperature and humidity in view, farmers are advised for constant monitoring of aphid in vegetable crops. If pest population is above ETL than, spraying of Imidacloprid @ 0.25 to 0.5 ml per litre of water in vegetable crops after harvesting of mature fruits is advised when sky is clear. In vegetable crops a waiting period of one week should be followed after spraying.
10. Farmers are advised to procure quality seeds for green gram and black gram from certified source and start sowing during this week. 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.
11. Farmers are advised for transplanting of marigold seedling in fields and sowing of seeds in nursery for summer crop.
12. Temperature is suitable for sowing of fodder maize (Variety – African Tall) and lobia. Sowing of HM-4, hybrid cultivar of baby corn may also be done.
13. In mango orchard, Start monitoring for mango hopper and destroy infected inflorescence if mango malformation is found.

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

Scientist ‘D’

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