

**GOVERNMENT OF INDIA
INDIA METEOROLOGICAL DEPARTMENT
AGROMETEOROLOGICAL ADVISORY UNIT, RWFC, NEW DELHI-03**

Year 25, No: - 49/2018-19/Fri. Time: 2.30 PM Date: 22nd June, 2018

Weather during current week (From 16th to 22nd June, 2018)

Partially cloudy conditions were observed during the week. The maximum temperature ranged between 36.4°C and 41.6°C (weekly normal 37.3°C). The minimum temperature ranged between 24.8°C and 27.4°C (weekly normal 27.0°C). Relative humidity at 7.21 AM ranged between 57 and 74 per cent and that at 2.21 PM ranged between 27 and 56 per cent. The average bright sunshine hour during the week was 5.1 hours per day (weekly normal 6.8 hours). The average wind speed recorded was 6.6 km/h (normal 7.2 km/h). Mean evaporation rate during the period was 7.2 mm/day (weekly normal 9.2 mm/day). Wind during morning and afternoon mostly it was from westerly 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	23-06-18	24-06-18	25-06-18	26-06-18	27-06-18
Rainfall (mm)	0.0	0.0	0.0	0.0	2.0
Maximum Temperature (°C)	43	42	42	41	40
Minimum Temperature (°C)	29	30	31	30	30
Average Cloud Cover (Okta)	2	3	4	4	6
Maximum RH. (%)	70	70	70	75	80
Minimum RH. (%)	30	35	35	40	45
Average Wind Speed(<i>kmph</i>)	15	15	20	20	15
Predominant Wind direction	NNW	NNW	WNW	WNW	NNW
Cumulative Rainfall (mm)	2.0 mm				
Special weather	Possibility of slightly cloud condition with intense surface wind in Delhi NCR from 23 rd to 25 th June and slight rainfall over Delhi NCR on 27 th June, 2018.				

Weather based Agromet-Advisories (for the period ending on 27th June, 2018)

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

1. Constant monitoring of paddy nurseries against attack of bakanae disease is advised. Spraying of Carbendazim @ 2.0 gram per litre of water is advised.
2. In the paddy nursery, if upper leaves of the paddy seedlings become yellow and lower leaves remain green, it indicates the iron deficiency. Spraying of ferrous sulphate @ 0.5 % with 0.25% lime solution is recommended to overcome this problem.
3. In present weather condition farmers are advised to prepare fields for maize crop. Recommended Hybrids like AH-421, AH-58 or Composites: Pusa composite-3, Pusa composite-4. Procure good quality seeds from certified sources. Seed rate 20 kg/ha. It is also advised to maintain row to row spacing of 60-75 cm. and plant to plant 18-25 cm. Spray of Atrazine 1-1.5 kg a.i/ha. in 800 litre of water is recommended for effective weed control in maize.

4. This is most suitable time to grow fodder sorghum specially Pusa chari-9, Pusa chari-6 or other hybrids. Seed rate should be 40 kg/ha Fodder crop lobia can also be sown in this week.
5. Farmers are advised for preparation of nursery for chilli, brinjal and early cauliflower (maturing in the month of September). It is also advised to use shed nets, which helps in reducing vector borne diseases and produce healthy seedlings. Nursery should be covered by net at the height of 6.5 feet for protection against sunlight.
6. Transplanting of brinjal, chilli and early cauliflower are advised for those farmers whose seedlings are ready.
7. Farmers are advised to start sowing of Cucurbits in rainy season. It is most suitable time to sow recommended hybrids/ varieties. Some popular hybrids are Bottle Gourd- Pusa Naveen, Pusa Samridhi, Bitter Gourd- Pusa Visesh, Pusa-2 mosumi, Pumpkin- Pusa Visvash, Pusa Vikash, Ridge Gourd- Pusa Chikni, Cucumber- Pusa Uday, Pusa Barkha etc.
8. For constant monitoring of cucurbitaceous crops against attack of fruit fly use of 'Methyl Eugenol trap is recommended. After detecting the symptoms, spraying of Rogor @ 2 ml + 10 g sugar or jaggary/litre water at 50 litres/ha. is advised.
9. In present weather conditions, rouging of viral infested crop should be done in chilli. Infected plants should be uprooted and buried in the soil. After rouging, spraying of Imidacloprid @ 0.3 ml per litre of water is advised to control the vector.
10. Farmers who want to establish new orchard gardens are advised for digging pits as per requirement and keep it open, to kill harmful insect- pest and weed seed.

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

Scientist 'D'

E-MAILMESSAGE-

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