

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

Year 25, No: - 91/2018-19/Fri. Time: 2.30 PM Date: 16th November, 2018

Weather during current week (From 10th to 16th November, 2018)

Clear weather conditions were observed during the week. The maximum temperature ranged between 26.0°C and 30.0°C (weekly normal 29.3°C). The minimum temperature ranged between 9.2°C and 17.2°C (weekly normal 13.8°C). Relative humidity at 7.21 AM ranged between 83 and 98 per cent and that at 2.21 PM ranged between 46 and 67 per cent. The average bright sunshine hour during the week was 3.3 hours per day (weekly normal 8.8 hours). The average wind speed recorded was 1.9 km/h (normal 4.1 km/h). Mean evaporation rate during the period was 3.2 mm/day (weekly normal 5.5 mm/day). Wind during morning was mostly calm and during evening was from different 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	17-11-18	18-11-18	19-11-18	20-11-18	21-11-18
Rainfall (mm)	0.0	0.0	0.0	0.0	0.0
Maximum Temperature (°C)	28	29	29	30	29
Minimum Temperature (°C)	13	12	13	13	14
Average Cloud Cover (Okta)	1	1	1	1	4
Maximum RH. (%)	90	90	90	90	90
Minimum RH. (%)	45	45	50	50	50
Average Wind Speed(<i>kmph</i>)	20	10	15	15	15
Predominant Wind direction	W	NNW	E	WNW	WNW
Cumulative Rainfall (mm)	0.0 mm				
Special weather					

Weather based Agromet-Advisories (for the period ending on 21st November, 2018)

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

1. Farmers are advised not to burn the residue of *kharif* crops in the fields because it not only pollute the environment but also causes the severe health problems. The smog formed due to burning of residue reduces the solar radiations received to the crops and also decrease the evapotranspiration, which affect the quality and quantity of all crops.
2. Farmers are advised to procure good quality seeds of wheat. Seed rate:- 100 kg seed per ha
Recommended cultivars: - H.D. 2687, H.D. 2851, H.D. 2894, H.D. 2967, D.B.W.-17. In the fields having perennial problem of termite infestation, application of Chlorpyrifos (20 EC) @ 5 litres per hectare with pre-irrigation water is recommended before sowing. Before sowing seeds should be treated with Bavistin or Thiram @ 2.5 g per kilogram of seed. Recommended dose of fertilizer for N: P: K: Zn is 120, 50, 40 and 20 kg / ha.
3. Keeping in view of temperature trend sowing of oat and barseem for fodder purpose can be done. Cultivars for Oat:- J.H.O-822, O.L.-9, Pusa Oat-5 and for barseem– Vardan, Buland Barseem-1, Masakavi, J.B-3. Seed rate: - Oat 80-100 kilogram per hectare and barseem - 25-30 kilogram per hectare.
4. Keeping weather in view, sowing of pea should be done as earliest. Recommended cultivars:-AP-3, Linkan and Bournville. Seed should be treated with fungicides, Captan or Thiram @ 2.0 gm/ kg and after that with crop-specific *Rhizobium* culture. A solution of jaggary and water after boiling should be allowed to cool down and then seeds along with *Rhizobium* should be thoroughly mixed. The

mixture should be allowed to dry in a shade. It is highly recommended that the treated seeds should be sown after 24 hours treatment.

5. If potato crop has attained a height of 15-22 cm, farmers are advised to start earthing-up. If required, the practice may be repeated after 15 days.
6. Sowing of European group of carrot:- Nantes, Pusa yamadamini, European group of radish:- Hill queen, Japanese White and Pusa Himani, Crimson Globe cultivar of beetroot and PTWG cultivars of turnip can be done in this week.
7. This is suitable time for sowing of Leafy vegetables like-Sarson Saag- Pusa Saag-1; Bathua- Pusa Bathua-1; Spinach- All Green, Pusa Bharti; Fenugreek- Pusa Kasuri; Coriander- Pant Haritama and other Hybrids varieties.
8. Weather is suitable for sowing of *rabi* onion. Seed rate- 10 kg/ha. Before sowing seeds should be treated with Captan @ 2.5 g/ kg of seeds.
9. Keeping weather in view, transplanting of mature seedlings of cauliflower, cabbage, broccoli may be done in this week. Recommended spacing should be maintained. Nursery preparation should be started for late crop which mature in January.
10. Intercultural operations in vegetables are advised to remove the weeds. Application of remaining doses of fertilizer should be done in 15-25 days old crop.
11. Thinning and weeding is recommended in timely sown mustard crop.
12. Before storing of rice grains in storage, grains should be dried properly to bring down moisture level below 12 %. Godowns should be thoroughly cleaned to destroy any insect-pests hiding in the cracks and crevices and dried before storing grains.
13. Transplanting of late marigold should be done in this week.

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

Scientist 'E'

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