

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

Year 25, No: - 40/2018-19/Tue. Time: 2.30 PM Date: 22nd May, 2018

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

Clear weather conditions were observed during the last week. The maximum temperature ranged between 37.0°C and 42.0°C (weekly normal 38.4°C). The minimum temperature ranged between 22.5°C and 26.0°C (weekly normal 24.3°C). Relative humidity at 7.21 AM ranged between 62 and 72 per cent and that at 2.21 PM ranged between 23 and 42 per cent. The average bright sunshine hour during the week was 7.5 hours per day (weekly normal 8.3 hours). The average wind speed recorded was 5.0 km/h (normal 6.1 km/h). Mean evaporation rate during the period was 6.1 mm/day (weekly normal 9.9 mm/day). Wind during morning was calm and 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	23-05-18	24-05-18	25-05-18	26-05-18	27-05-18
Rainfall (mm)	0.0	1.0	0.0	0.0	0.0
Maximum Temperature (°C)	43	42	43	44	44
Minimum Temperature (°C)	26	26	25	26	26
Average Cloud Cover (Okta)	4	4	1	1	1
Maximum RH. (%)	40	45	45	40	40
Minimum RH. (%)	10	15	15	10	10
Average Wind Speed(kmph)	15	10	15	15	10
Predominant Wind direction	WNW	W	WNW	WNW	WNW
Cumulative Rainfall (mm)	1.0 mm				
Special weather	Possibility of dust storm / thunderstorm is likely to occur over Delhi NCR on 24 th May, 2018.				

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

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

1. In view of increasing temperature, light irrigation is advised in all vegetable and standing crops as per the need. Irrigation should be done in the morning hours or evening hours.
2. High temperature is suitable for deep ploughing of fields after harvesting of *Rabi* crops. It helps in destroying the eggs and pupating stages of insects and weed seeds.
3. After harvesting of rabi crops farmers are advised to test their soil from certified agencies and do laser leveling in their field if required.
4. For green manure, sowing of green gram, cluster bean, sanai, gwar etc may be done during this week. Seed rate for sanai is 60-70 kilogram and that of dhaicha is 50-60 kilogram per hectare. For adequate germination proper moisture should be maintained.
5. Sowing of fodder crops (gwar, maize, bajra, cluster bean) may be done during this week. Adequate moisture should be maintained for maximum germination of seeds. Sowing should be done at a depth of 3-4 cm and at row to row spacing of 25-30 cm.

6. Sowing of cotton may be done in this week. Insure sufficient moisture before starting sowing. Farmers are advised to procure good quality seeds from certified source. Recommended varieties: H-777, H-974, H-1098.
7. Field preparation for sowing of pigeonpea may be done in this week. Farmers are advised to procure good quality seeds from certified source. Before sowing pigeon pea seeds should be treated with crop specific Rhizobium culture and Phosphate Solublesing Bacteria. This treatment increases the crop production. Pigeonpea varieties- Pusa 2001, Pusa991, Pusa992, Paras manak, UPAS 120.
8. Keeping in view of high temperature forecast, farmers are advised for harvesting of mature vegetables at morning and evening time.
9. Constant monitoring of the chilli crop against attack of mites is advised. Irrigation should be done in the morning hours or in the evening hours.
10. Optimum moisture level should be maintained in cucurbitaceous crops by light and frequent irrigation as dry conditions may lead to poor pollination and thus drop in yield of the crop.
11. After harvesting of mature okra application of urea @ 5-10 kg/ acre should be done. Constant monitoring of crop against attack of mite is advised. If population is above ETL then, spraying of Ethion @ 1.5-2 ml/litre of water is advised, when sky is clear. Due to prevailing high temperature, light irrigation at short interval is advised.
12. To control shoot and fruit borer in brinjal and tomato crops, infested fruits and shoots should be collected and buried inside the soil. If pest population is high, spraying of Spinosad 48 EC @ 1 ml /4 litres of water is advised when sky is clear.
13. Keeping in view high temperature, farmers are advised to protect banana, citrus, mango and kinoo orchards against hot winds by physical barrier and frequent irrigation.

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

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E-MAILMESSAGE-

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