

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

Year 25, No: - 31/2018-19/Fri. Time: 2.30 PM

Date: 20<sup>th</sup> April, 2018

**Weather during current week (From 14<sup>th</sup> to 20<sup>th</sup> April, 2018)**

Clear weather conditions were observed during the last week. The maximum temperature ranged between 35.2°C and 39.4°C (weekly normal 36.1°C). The minimum temperature ranged between 14.9°C and 25.2°C (weekly normal 19.7°C). Relative humidity at 7.21 AM ranged between 48 and 61 per cent and that at 2.21 PM ranged between 16 and 23 per cent. The average bright sunshine hour during the week was 8.0 hours per day (weekly normal 9.1 hours). The average wind speed recorded was 5.0 km/h (normal 4.6 km/h). Mean evaporation rate during the period was 6.4 mm/day (weekly normal 8.8 mm/day). Wind during morning and afternoon 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	21-04-18	22-04-18	23-04-18	24-04-18	25-04-18
Rainfall (mm)	0.0	0.0	2.0	0.0	0.0
Maximum Temperature (°C)	37	38	39	40	42
Minimum Temperature (°C)	21	21	21	21	22
Average Cloud Cover (Okta)	0	0	0	0	2
Maximum RH. (%)	60	60	50	50	50
Minimum RH. (%)	20	20	15	15	15
Average Wind Speed( <i>kmph</i> )	20	20	25	20	10
Predominant Wind direction	SSE	WSW	NNW	NNW	WSW
Cumulative Rainfall (mm)	0.0 mm				
Special weather	Temperature may increase up to 42°C in next five day i.e. 25 <sup>th</sup> April, 2018.				

**Weather based Agro-Advisories (for the period ending on 25<sup>th</sup> April, 2018)**

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

1. Due to the forecast of dry weather for the next five days farmers are advised for light irrigation in all vegetable and standing crops. Irrigation should be done in the morning hours or in the 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 to do laser leveling in their field if required.
4. Before storage, grains should be properly cleaned and it should be dried to the recommended level of moisture content. Godowns should be properly cleaned by removing all the grains and other storage matter of previous crop. Cracks and crevices of the walls should be cleaned and repaired and whitewashing should be done. Those who can afford are advised to spray 0.5 % malathion solution and keep the chamber closed for 7-8 days. The gunny bags should

be dried in the sun so that eggs and pupating stages of insects as well as inoculum of diseases get destroyed.

5. 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.
6. 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.
7. Field preparation should be done for sowing of pigeonpea and cotton in this week. Farmers are advised to procure good quality seeds from certified source.
8. Keeping in view of forecasted high temperature, farmers are advised for harvesting of mature vegetables at morning and evening.
9. 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.
10. 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. Due to prevailing high temperature, light irrigation at short interval is advised.
11. 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.
12. Farmers are advised to give light irrigation in the mature onion and garlic crops one week before digging.

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

**Scientist 'D'**

**E-MAILMESSAGE-**

- 1- **DDGM (Agrimet) Pune.**
- 2- **All Indian Radio Room No 610.Fax No. 23710106  
KrishiDarshan, Mandi House Room No 801.Fax No. 23097571**