



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

Year 29, No:-17/2022-23/Fri.

Time: 2.30 PM

Date: 27th May, 2022

Weather during current week (From 21st to 27th May, 2022)

Cloudy weather conditions were observed during the week except a rainfall of 32.4 mm on 23rd May and 20.4 mm on 24th May was recorded at the institute observatory. The maximum temperature ranged between 30.0°C and 45.2°C (weekly normal 39.1°C). Minimum temperature ranged between 16.2°C and 27.2°C (weekly normal 24.7°C). Relative humidity at 7.21 AM ranged between 70 and 92 percent and that at 2.21 PM ranged between 22 and 59 percent. The average bright sunshine hour during the week was 6.6 hours per day (weekly normal 7.7 hours). The average wind speed recorded was 6.2 km/h (normal 6.6 km/h). Mean evaporation rate during the period was 5.7 mm/day (weekly normal 10.0 mm/day). Wind during morning it was from calm and evening it 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 belows

Weather parameter/ Date	28-05-22	29-05-22	30-05-22	31-05-22	01-06-22
Rainfall (mm)	0.0	0.0	0.0	0.0	0.0
Maximum Temperature (°C)	39	40	40	41	41
Minimum Temperature (°C)	27	27	26	26	26
Average Cloud Cover (Okta)	4	3	3	2	2
Maximum RH. (%)	75	75	65	65	65
Minimum RH. (%)	35	35	30	30	30
Average Wind Speed(<i>kmph</i>)	15	15	12	18	20
Predominant Wind direction	W	WNW	WSW	W	W
Cumulative Rainfall (mm)	0.0 mm				

Weather based Agromet-Advisories (for the period ending on 01st June, 2022)

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

- 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.
- Sowing of fodder crops (gwar, maize, bajra) 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.
- 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 (PSB). This treatment increases the crop production. Pigenpea varieties- Pusa 2001, Pusa991, Pusa992, Paras manak, UPAS 120.

- Keeping in view of forecasted high temperature, farmers are advised for harvesting of mature vegetables at morning and evening hours and keep harvested crops in shadow.
- 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. Due to prevailing high temperature, light irrigation at short interval is advised in vegetable crops.
- 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.
- 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.
- After harvesting of rabi crops farmers are advised to test their soil from certified agencies and to do laserleveling in their field if required.

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

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E-MAILMESSAGE-

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