

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

Year 25, No: - 06/2017-18/Fri.

Time: 2.30 PM

Date: 19th January, 2018

Weather during current week (From 13th to 19th January, 2018)

Slight fog was observed at morning during the week. The maximum temperature ranged between 21.8°C and 25.0°C (weekly normal 18.2°C). The minimum temperature ranged between 1.7°C and 4.9°C (weekly normal 5.9°C). Relative humidity at 7.21 AM ranged between 78 and 97 percent and that at 2.21 PM ranged between 30 and 48 percent. The average bright sunshine hour during the week was 6.0 hours per day (weekly normal 5.3 hours). The average wind speed recorded was 3.7 km/h (normal 3.4 km/h). Mean evaporation rate during the period was 2.6 mm/day (weekly normal 2.2 mm/day). Wind during morning was mostly calm and afternoon 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 below:

Weather parameter/ Date	20-01-18	21-01-18	22-01-18	23-01-18	24-01-18
Rainfall (mm)	0.0	0.0	0.0	3.0	0.0
Maximum Temperature (°C)	25	25	25	22	23
Minimum Temperature (°C)	08	07	08	11	08
Average Cloud Cover (Okta)	0	0	0	6	4
Maximum RH. (%)	95	95	95	95	90
Minimum RH. (%)	45	40	45	40	40
Average Wind Speed(<i>kmph</i>)	10	05	10	15	05
Predominant Wind direction	WNW	WNW	SE	ESE	WNW
Cumulative Rainfall (mm)	3.0 mm				

Weather based Agromet Advisories (for the period ending on 24th January, 2018)

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

1. Keeping weather in view, Nursery preparation should be done for chili, tomato and brinjal crops in poly house. Prepare seedling of early cucurbitaceous crops in small polythene bags in poly houses.
2. Farmers are advised for second irrigation in timely sown wheat crop, which is at tillering stage.
3. In wheat crop if symptoms of termite appear than application of Chlorpyrifos 20 EC @ 2.0 litre should be done with irrigation.
4. In present weather condition farmers are advised to do constant monitoring of aphid in mustard crop. In early stage cut and destroy the infested part of the plant, if insect population is above ETL than spraying of Rogar or Quinalphos @ 2.0 ml\litre water is recommended.
5. For monitoring of the pod borer in the gram crop, farmers are advised to install Pheromone trap @ 3-4 traps per acre, if flowering has reached 10-15%. "T" shaped bird perches in and around crop field to be installed for controlling insect population.
6. Weather is suitable for growing of carrot seed crop in this week. For carrot seed production, if carrot crop raised from high quality and good varieties carrot seeds is 90-105 days old at the time of harvesting of crop in the first fortnight of January than farmers should select good lengthy and vigorous carrot having less numbers of leaves. In these selected carrot farmers should cut the leafs after leaving 4 inch and also cut the lower portion of the carrot root after leaving the top upper 4 inch and transplant at 45cm row to row distance and 6 inch plant to plant distance. After that irrigation should be done.
7. Keeping in view of optimum weather conditions, Farmers are advised for transplantation of onion seedling in this week. Seedling should not be older than six weeks. Transplanting should be done in small beds. Deep transplanting should be avoided. Apply 20 ton well decomposed FYM, 10-15 day before

transplanting with 20 kg nitrogen, 60-70 kg phosphorus and 80-100 kg potash at the time of last ploughing. With a spacing of 15 cm (row–row) x 10 cm (plant-plant). Onion crop requires light and frequent irrigation at an interval of 10-12 days as per requirement.

8. Farmers are advised to do constant monitoring of timely sown onion crop against attack of thrips. If symptom appears than spraying of Imidacloprid @ 0.5 ml per litre of water with sticky material (Tipol 1.0 gram /litre) should be done.
9. Farmers are advised to install pheromone traps @ 3-4 traps per acre for monitoring of the pest population for diamond back moth in cole crop, pod borer in pea and fruit borer in tomato.

**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
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