



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

Year 30, No: -97/2023-24/Tue.

Time: 2.30 PM

Date: 05th March, 2024

Weather during current week (From 28th February, to 05th March, 2024)

Cloudy weather conditions were observed during the week. Except a rainfall of 11.2 mm on 03rd March were recorded at the institute observatory. Maximum temperature ranged between 23.0°C and 28.0°C (weekly normal 26.0°C). Minimum temperature ranged between 9.0°C and 17.0°C (weekly normal 11.1°C). Relative humidity at 7.21 AM ranged between 62 and 90 percent and that at 2.21 PM ranged between 37 and 68 percent. The average bright sunshine hour during the week was 6.8 hours per day (weekly normal 6.6 hours). The average wind speed recorded was 4.8 km/h (normal 4.0 km/h). Mean evaporation rate during the period was 3.0 mm/day (weekly normal 3.6 mm/day). Wind during morning was Calm and 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	06-03-24	07-03-24	08-03-24	09-03-24	10-03-24
Rainfall (mm)	0.0	0.0	0.0	0.0	0.0
Maximum Temperature (°C)	26	28	28	28	29
Minimum Temperature (°C)	11	10	11	11	12
Average Cloud Cover (Okta)	2	2	2	2	6
Maximum RH. (%)	80	80	80	80	80
Minimum RH. (%)	40	40	40	40	40
Average Wind Speed(kmph)	4	4	4	6	4
Predominant Wind direction	NW	NW	NW	NW	NW
Cumulative Rainfall (mm)	0.0 mm				

Weather based Agromet-Advisories (for the period ending on 10th March, 2024)

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

- Keeping past day rainfall in view, farmers are advised to stop irrigation for next few days in all field crops.
- Farmers are advised for harvesting of the matured mustard as earliest. 75-80 percent of the pods (Siliqua) turn parchment brown in colour is the right time for harvest. Farmers are advised not to allow the crop to over mature, which cause loss of grains due to scattering. Immediate threshing after drying is advised. Attack of painted bug will be more if crop is kept in the field for long time after harvest.

- Farmers are advised to start sowing of green gram. Variety: - Pusa Visal, Pusa Ratna, Pusa 5931, Pusa Baisakhi, PDM-11, SML-32, SML-668, Samrat. Seed treatment with crop specific Rhizobium culture as well as phosphorus solubilising bacteria is also advised. Farmers are advised to ensure proper moisture before sowing for optimum germination.
- Installation of bird perches in tomato, pea, brinjal and gram crops is advised to control fruit borer insect. Hand picking of damaged fruit and burying are advised. Installation of pheromone trap @ 2-3 traps per acre of crop field is advised for monitoring the fruit borer. If pest population is high, spraying of Bt. 1.0 gram/litre of water is advised. After 15 days if pest population is more than ETL, farmers are advised to spray Spinosad 48 EC @ 1 ml. /4 litres of water.
- Monitoring of vegetable crops against attack of aphid is advised. In present temperature conditions, aphid population will gradually diminish. Control measures should be initiated if pest population is high. Spraying of Imidacloprid @ 0.25 ml per litre of water in vegetable crops after harvesting of mature fruits should be done. In vegetable crops a waiting period of one week should be followed after spraying.
- Present temperature is suitable for incidences of powdery mildew disease in cucurbitaceous crops and late pea. If symptoms found than, spraying of Carbendazim @ 1.0 gram per litre is advised. In cucurbitaceous crop which are 20-25 days old, application of 10-15 gram urea/plant is advised.
- Present temperature is suitable for germination of french bean (Pusa parvati, Contender), vegetable lobia (Pusa komal, Pusa sukomal), amaranthus (Pusa kiran, Pusa lal chaulai), lady's finger (A-4, Parbani Kranti and Arka Anamika), bottle gourd (Pusa naveen, Pusa sandesh), cucumber (Pusa uday), ridge gourd, sponge gourd (Pusa sneha) and summer radish (Pusa chetki). Procurement of seeds should be done from a certified source. Farmers are advised to ensure proper moisture before sowing for optimum germination.
- In present weather condition constant monitoring of timely sown seed onion crop against attack of thrips should be done. Monitoring of seed onion crop against infection of purple blotch should also be done. If population is more than spraying of Dithane M -45 @ 2 grams per litre of water with sticky material (Tipol 1.0 gram /litre) are advised as per requirement.
- Temperature is suitable for sowing of fodder maize (Variety – African Tall) and lobia. Sowing of HM-4, hybrid cultivar of baby corn may also be done in this week.
- In mango and citrus, during flowering irrigation should be avoided for good fruit setting. Constant monitoring of mango mealy bug and leaf hopper are advised.

AGROMET ADVISORY SERVICE UNIT DELHI Scientist 'E'

AND. DELHI

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