

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

Year 25, No: - 64/2018-19/Tue. Time: 2.30 PM Date: 14th August, 2018

Weather during current week (From 08th to 14th August, 2018)

Partially cloudy conditions were observed during the week except a rainfall of 24.0 mm on 8th August, 5.2 mm on 9th August, 5.6 mm on 11th August and 5.8 mm on 13th August were recorded at the institute observatory. The maximum temperature ranged between 32.0°C and 35.5°C (weekly normal 34.1°C). The minimum temperature ranged between 22.9°C and 25.6°C (weekly normal 26.9°C). Relative humidity at 7.21 AM ranged between 81 and 92 per cent and that at 2.21 PM ranged between 61 and 77 per cent. The average bright sunshine hour during the week was 3.3 hours per day (weekly normal 6.7 hours). The average wind speed recorded was 4.5 km/h (normal 5.5 km/h). Mean evaporation rate during the period was 3.9 mm/day (weekly normal 6.5 mm/day). Wind 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	15-08-18	16-08-18	17-08-18	18-08-18	19-08-18
Rainfall (mm)	15.0	12.0	4.0	2.0	1.0
Maximum Temperature (°C)	34	33	35	35	36
Minimum Temperature (°C)	27	26	27	27	28
Average Cloud Cover (Okta)	8	8	7	5	4
Maximum RH. (%)	95	95	85	85	75
0	70	65	60	55	55
Average Wind Speed(<i>kmph</i>)	10	10	10	00	00
Predominant Wind direction	N	E	ESE	N	N
Cumulative Rainfall (mm)	34.0 mm				
Special weather	There is a possibility of light rainfall along with shower on 15-16 th August, 2018 in Delhi NCR.				

Weather based Agromet-Advisories (for the period ending on 19th August, 2018)

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

1. Farmers are advised to do hoeing & weeding in all crops and vegetables, after that second split dose of nitrogen should be broadcast for optimum growth.
2. In this weather conditions, farmers are advised to monitor their fields regularly. In standing crop spraying of Imidacloprid 17.8 % SC @ 1.0 ml / 3 lit. of water is recommended against white flies (sucking pests) when sky is clear.
3. In this weather conditions, farmers are advised to monitor paddy crop regularly, if in paddy crop population of leaf folder or stem borer is above ETL than broadcast of Cartap 4% granules @ 10 kg/acre for effective control is recommended. Farmers are advised to install pest specific pheromone traps in the paddy fields for monitoring of stem borer.
4. In this weather conditions, farmers are advised to do constant monitoring of stem borer in maize crop, if insect population is above ETL than spraying of carbrayl @ 2.0 gm/ lit. of water is recommended when sky is clear.
5. In this weather conditions, farmers are advised for sowing of sweet corn (Madhuri, Vin orange) and baby corn (H.M-4) in raised bed.
6. In this weather conditions, farmers are advised to monitor pulses crop (moong urd.) regularly, if white flies or sucking pest's population is high than spraying of Imidacloprid 17.8 % SC @ 1.0 ml / 3 lit. of water is recommended when sky is clear.

7. In this weather conditions, sowing of carrot can be done in raised bed. Recommended cultivars: - Pusa Vrishti. Seed rate-4.0-6.0 kg/ acre. Application of FYM and phosphorus fertilizer is recommended. Seed treatment with Captan @ 2 gm per kg is advised.
8. In vegetables (brinjal, cauliflower, cabbage, tomato etc), farmers are advised to use pheromone trap @ 3-4/acre for monitoring of crops against insect, if insect population is above ETL than, spraying of Spinosad 1.0 ml/4 litre of water is advised against fruit borer, diamond back moth when sky is clear.
9. In this weather conditions, transplanting of brinjal, tomato, chilli cauliflower and cabbage are advised on raised bed for those farmers whose seedlings are ready.
10. It is suitable time for preparation of nurseries of cauliflower for mid season (Nov.-Dec.). Varieties: Pusa sharad, Pusa hybrid-2, Pant shubra. Farmers are advised to transplant onion seedling in the prepared fields.
11. This is suitable time for sowing of sarson saag- Pusa saag-1; Radish- Versa kee rani, summer long, long chetaki; Spinach- All green; Coriander- pant Haritama, hybrids.
12. Farmers are advised for lifting the creepers above the ground on a trellis made of bamboo.
13. Bees are important source for pollination in vegetable crops therefore, bee keeping should be promoted. Constant monitoring of the crops should be done for insect-pest and disease regularly. Farmers should take advice from the experts for use of insecticides and other information regarding the crops. Fruit flies infected fruits should be picked and buried in the soil. Protection of cucurbitaceous crops against fruit fly by use of bait trap (mixing juggary 10 % with Malathion 0.1 % and putting at different corners of the field) is advised. If the symptom is more, spraying of Imidacloprid 30.5 @ 0.25 ml /litre water is advised, when sky remains clear.
14. In present weather conditions, rouging of viral infested crop should be done in chilli. Infected plants should be uprooted and buried in the soil. After rouging, spraying of Imidacloprid @ 0.3 ml per litre of water is advised for control the vector, when sky remains clear.
15. In this weather conditions, farmers are advised to do constant monitoring of ladyfinger, brinjal and chilli crop against attack of mite and jassid. To control mite, spraying of phosmite @ 2 ml per litre of water is advised and spraying of Dimethoate 30 EC @ 2 ml/liter of water is advised against jassid when sky remain clear.
16. Farmers are advised to use light trap to keep a check on pest population. This causes less damage to useful insects. For making a light trap, a bulb should be fixed above a tumbler (either plastic or tin) having a mixture of water and few drops of Rogor or kerosene oil. The insects get attracted towards the light, fall in the solution and die.
17. In this weather conditions, farmers who want to establish new orchard gardens (Mango, citrus, guava etc.) are advised for transplanting of plants from recognized sources.
18. In this weather conditions, farmers are advised to prepare marigold nursery (Pusa narngi) in net house. Proper drainage should be done in the fields.

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

Scientist 'E'

E-MAILMESSAGE-

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