

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

Year 25, No: - 066/2017Fri.

Time: 2.30 PM

Date: 18th August, 2017

Weather during current week (From 12th to 18th August, 2017)

Partially cloudy conditions were observed during the week. The maximum temperature ranged between 33.6°C and 36.2°C (weekly normal 33.5°C). The minimum temperature ranged between 25.1°C and 27.5°C (weekly normal 26.4°C). Relative humidity at 7.21 AM ranged between 85 and 94 percent and that at 2.21 PM ranged between 57 and 76 per cent. The average bright sunshine hour during the week was 5.9 hours per day (weekly normal 6.3 hours). The average wind speed recorded was 9.1 km/h (normal 5.3 km/h). Mean evaporation rate during the period was 4.4 mm/day (weekly normal 6.0 mm/day). Wind during morning and afternoon was from westerly 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	19-08-17	20-08-17	21-08-17	22-08-17	23-08-17
Rainfall (mm)	7.0	5.0	2.0	3.0	5.0
Maximum Temperature (°C)	34	35	35	35	34
Minimum Temperature (°C)	28	27	27	26	26
Average Cloud Cover (Okta)	8	6	5	4	6
Maximum RH. (%)	80	80	75	75	80
Minimum RH. (%)	50	50	45	45	50
Average Wind Speed(<i>kmph</i>)	10	11	07	11	14
Predominant Wind direction	ESE	ESE	ESE	ESE	ESE
Cumulative Rainfall (mm)	22.0 mm				
Special weather	Possibility of light to moderate rain during 19 th to 23 rd August in NCR Delhi				

Weather based Agromet Advisories (for the period ending on 23rd August, 2017)

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

1. Sowing of carrot can be done on 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.
2. In vegetables (brinjal, cauliflower, cabbage, tomato etc), for monitoring of borer insect, farmers are advised to use pheromone trap @ 3-4/acre. 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 remain clear.
3. Transplanting of brinjal, tomato, chilli cauliflower and cabbage are advised on raised bed for those farmers whose seedlings are ready.
4. 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.
5. 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.
6. Farmers are advised for lifting the creepers above the ground on a trellis made of bamboo.
7. 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, if infestation is more than, spraying of Imidacloprid @ 0.3 ml per litre of water is advised for control the vector, when sky remains clear.

8. Constant monitoring of ladyfinger, brinjal and chilli crop against attack of mite and jassid is advised. If population is above ETL than, to control mite, spraying of phosmite @ 2 ml per litre of water is advised while spraying of Dimethoate 30 EC @ 2 ml/liter of water is advised against jassid when sky remain clear.
9. At this time paddy crop is in vegetative stage. Farmers are advised to monitor crop regularly, if population of leaf folder or stem borer is above ETL than broadcast of Cartap 4% granules or Carbofuran 3% G @ 10 kg/acre is recommended. Farmers are advised to install pest specific pheromone traps @ 3-4/acre in the paddy fields for monitoring of stem borer.
10. In present weather condition, constant monitoring for brown plant hopper in paddy field is advised. Farmers are advised to enter into the middle of the crop field and see mosquito like insect at the basal portion of the plant. If insect population is above ETL spray of Fenobucarb 50 EC @ 1 ml/ litre or Buprofezin 25 EC @ 2 ml/ litre or DDVP 76 EC @ 2 ml/ litre of water is recommended when sky remain clear.
11. In maize crop, use of Trichocards @ 4/acre for monitoring of stem borer, if insect population is above ETL than broadcasting of Carbofuran 3% G @ 8 kg/acre is recommended when sky is clear.
12. Farmers are advised to monitor moong, urd crop regularly, if white fly or sucking pest's population is above ETL than spraying of Trizophos 40 EC @ 1.0 ml/lit. of water is recommended when sky remain clear.
13. Due to humid weather conditions, there may be increase in population of insect pests of cotton. Farmers are advised to install pest specific pheromone traps in the fields for monitoring the insect. If sucking pest's population is above ETL than spraying of Trizophos 40 EC @ 1.0 ml/lit. of water and spraying of Spinosad 1.0 ml/ 3 litre of water is advised against all type of borers when sky remains clear.
14. Farmers are advised for sowing of sweet corn (Madhuri, Vin orange) and baby corn (H.M-4) in raised bed.
15. This is suitable time to all crops and vegetables for hoeing & weeding.
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. Farmers who want to establish new orchard gardens are advised for transplanting of plants from recognized sources.

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

Scientist 'D'

E-MAILMESSAGE-

- 1- **DDGM (Agrimet) Pune.**
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