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|  | AgroMet Advisory Bulletin (AAB) Jointly released by Regional Meteorology Centre, Chennai – India Meteorology Department, Reddiarchathram Seed Growers Association & M. S. Swaminathan Research Foundation, Kannivadi Phone no.: 044 - 22541229 E mail: amfu.kannivadi@gmail.com Fax: 044 – 22541319 | | | |  | |
| | District : | Dindigul | Forecast Period : | 13/09/2023 | | to |
| | Bulletin No: | MSSRF/ DGL /073/ 2023 | Release Date : | 12/09/2023 | | |

| Significant past weather | | From | 08/09/2023 | to | 11/09/2023 |
|--------------------------|--------------|------|------------|----|------------|
| Parameters | Past Weather | | | | |
| Rainfall (mm) | 2.6 | | | | |
| Maximum Temperature (°C) | 34-39 | | | | |
| Minimum Temperature (°C) | 25-27 | | | | |
| Sky Condition (Octas) | 4-7 | | | | |
| Relative Humidity (%) | 46-71 | | | | |
| Wind Speed (kmph) | 8-15 | | | | |

Ensemble Weather Forecast until 08:30Hrs of **17-09-2024**

| Parameters | 13-09-2023 | 14-09-2023 | 15-09-2023 | 16-09-2023 | 17-09-2023 |
|----------------------------|------------|------------|------------|------------|------------|
| | Wednesday | Thursday | Friday | Saturday | Sunday |
| Rainfall (mm) | 8 | 3 | 3 | 5 | 10 |
| Maximum Temperature (°C) | 37 | 36 | 36 | 35 | 35 |
| Minimum Temperature (°C) | 26 | 25 | 25 | 24 | 24 |
| Sky Condition (Octa) | 7 | 7 | 6 | 8 | 8 |
| Max. Relative Humidity (%) | 70 | 70 | 70 | 70 | 70 |
| Min. Relative Humidity (%) | 50 | 40 | 40 | 50 | 40 |
| Wind Speed (Kmph) | 12 | 10 | 12 | 10 | 10 |
| Wind Direction | W | W | W | W | W |

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| SMS Advisory | Chances of Moderate rain on 13, 17 Sep & light rain during 14, 15, 16 Sep. Maximum temperature would be in the range of 35°C to 37°C and the minimum temperature would be between 24°C - 26°C. Generally cloudy sky will appear for the next five days. Wind expected with the speed of 10-12 Kmph from, West direction. |
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General Advisory:

Since some amount of rainfall is received recently, and rainfall is expected for the coming days, farmers can plan for ploughing and land preparation activities. Farmers are advised to postpone the spraying activities for a short while and to take necessary steps for rain water harvesting.

Wind with the speed of 10 to 12 kmph is expected for the next five days. Hence farmers are advised to provide propping in sugarcane and to provide adequate support for crops like Banana, Papaya, Guava and Moringa, to prevent from lodging. For Gourds check the structures /pandhals for damages in the strings and poles and provide adequate support. Postpone the spraying activity.

Light to Moderate rain with thunderstorm & lightning is likely to occur at one or two places over district on 13th & 14th September 2023. Farmers are advised to take precautionary measures while grazing/herding the sheep, goat, cow on agriculture land for manuring purpose. Do not allow the animals to graze outside, standing near the trees or electric poles. Provide safe shelter for your

livestock. . To safeguard your animals from lightning and thunderstorm, remove the metal bells tied to the necks of animals.

Weather Based Agro-Advisories: (Sugarcane, Cotton & Animal Husbandry).

Sugarcane:

Farmers can plan for the fertilizer application process for the Sugarcane Crop.

Apply 225 kg of nitrogen and 112 ½kg of K₂O/ha in three equal splits at 30, 60 and 90 days.

Mix 12 packets (2400g/ha) of Azospirillum with 25kg of FYM and 25kg soil and apply near the clumps on the 30th day of planting. Repeat the same on the 60th day with another 12 packets (2400gm).

Cotton:

Farmers are advised to start the weeding operation in cotton.

Apply Fluchloralin @ 2 litres/ha., three days after sowing, using a hand-operated sprayer fitted with deflecting or fan-type nozzle, it will control the weed up to the 25th day.

The second weeding should be done with hoe and hand weed between the 30th to 40th day after sowing.

Animal Husbandry:

The (livestock) calf may be affected by tiredness, hence, the cattle rearers are advised to feed their calf with 30gms of mineral mixture per day.

Also, de-worm your calf on a regular schedule with the support of a nearby veterinarian.