
	<b>AgroMet Advisory Bulletin (AAB)</b> 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: <a href="mailto:amfu.kanniwadi@gmail.com">amfu.kanniwadi@gmail.com</a> Fax: 044 – 22541319				
	District :	<b>Madurai</b>	Forecast Period :	<b>04/05/2024</b> to <b>08/05/2024</b>	
	Bulletine No :	<b>MSSRF/ MDU / 036/ 2024</b>	Release Date :	<b>03/05/2024</b>	

<b>Significant past weather</b> From <b>30/04/2024</b> to <b>02/05/2024</b> <b>4</b>	
<b>Parameters</b>	<b>Past Weather</b>
Rainfall (mm)	0.4
Maximum Temperature (°C)	40-41
Minimum Temperature (°C)	27-29
Sky Condition (Octas)	3-4
Relative Humidity (%)	34-64
Wind Speed (kmph)	7-8

**Ensemble Weather Forecast 08:30Hrs**  
**until of 08-05-2024**

Parameters	04-05-2024	05-05-2024	06-05-2024	07-05-2024	08-05-2024
	Saturday	Sunday	Monday	Tuesday	Wednesday
Rainfall (mm)	1	1	1	1	3
Maximum Temperature (°C)	42	41	39	39	38
Minimum Temperature (°C)	29	28	27	27	27
Sky Condition (Octas)	8	8	6	4	8
Max. Relative Humidity (%)	70	60	60	70	70
Min. Relative Humidity (%)	20	30	30	30	30
Wind Speed (Kmph)	8	8	8	10	8
Wind Direction	SE	SE	SE	E	SE

<b>SMS Advisory</b>	Chances of light rain on 8 May. Maximum temperature would be in the range of 38°C to 42°C and the minimum temperature would be between 27°C - 29°C. Cloudy sky will appear for the next five days. Wind is expected with the speed of 8-10 Kmph from, Southeast & East directions.
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### General Advisory:

Thunderstorms & lightning with light to Moderate rain are likely to occur at one or two places over the Tamilnadu during 04 to 08 May 2024. Gusty Wind with a speed of 30 to 40 kmph is expected for the same 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. Do not allow the animals to graze outside, standing near the trees, and don't tie the animals to electric poles. Provide safe shelter.

### Weather Based Agro-Advisories: (Jasmine, Mango & Animal Husbandry).

#### Jasmine:

Nutrient (Manganese) deficiency is widely seen in Jasmine. The symptoms are leaves show a yellowish-green background with fine nature of green veins and leaves become thicker.

To rectify this, soil application of 10gm of MnSO<sub>4</sub> per plant or Foliar spray of 0.5% MnSO<sub>4</sub> at fortnightly intervals is recommended.

#### **Mango:**

The incense of fruit flies in Mango. Maggot bore into semi-ripen fruits with decayed spots and dropping of fruits. Oozing of fluid, brownish rotten patches on fruits.

Collect fallen-infested fruits and dispose of them by dumping them in a pit.  
Provide summer ploughing to expose the pupa.

To control, install Fruit fly traps @ 8Nos. per hectare and replace the lure every 45 days.

Using the chemical method, spray Dimethoate 30 EC @ 1ml/litre with Jaggery @ 10gm per litre.

#### **Animal Husbandry:**

Accommodation for laying hens in summer should be increased to 2 1/2 feet.

Give cold clean water 5 to 6 times.

The fodder tray should be kept clean.

Chickens should be provided with roaming accommodation without crisis.

If the top layer of the egg is found to be thin due to heat, vitamin D should be added to the feed.

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