
 <b>MSSRF</b> <small>Science for Sustainable Development</small>	<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>Theni</b>	Forecast Period :	<b>08/05/2024</b> to <b>12/05/2024</b>	
	Bulletine No :	<b>MSSRF/ THN/ 037/ 2024</b>	Release Date :	<b>07/05/2024</b>	

<b>Significant past weather</b>	From <b>03/05/2024</b> to <b>06/05/2024</b>
	4 to 4
<b>Parameters</b>	<b>Past Weather</b>
Rainfall (mm)	8.5
Maximum Temperature (°C)	40-42
Minimum Temperature (°C)	29
Sky Condition (Octas)	3-6
Relative Humidity (%)	38-77
Wind Speed (kmph)	7-13

**Ensemble Weather Forecast** 08:30Hrs of **12-05-2024**  
until

Parameters	08-05-2024	09-05-2024	10-05-2024	11-05-2024	12-05-2024
	Wednesday	Thursday	Friday	Saturday	Sunday
Rainfall (mm)	5	29	32	2	8
Maximum Temperature (°C)	35	34	33	33	32
Minimum Temperature (°C)	26	25	23	22	22
Sky Condition (Octas)	3	8	8	5	5
Max. Relative Humidity (%)	80	70	80	80	80
Min. Relative Humidity (%)	30	30	30	30	40
Wind Speed (Kmph)	6	6	4	6	4
Wind Direction	NW	E	NE	S	S

<b>SMS Advisory</b>	Chances of light rain on 8, 11 May & Moderate rain during 9, 10, 12 May. Maximum temperature would be in the range of 32°C to 35°C and the minimum temperature would be between 22°C - 26°C. Generally cloudy sky will appear for the next five days. Wind is expected with the speed of 4-6 Kmph from, Northwest, East, Northeast & South directions.
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**General Advisory:**

Heavy rain is likely to occur at isolated places over the district on 8 & 9 May 2024. Farmers are advised to act swiftly to repair the water channels, farm ponds and other water bodies to harvest the rain water. During these days farmers are advised to avoid irrigation, inter-cultural operations and application of plant protection measures to the standing crops, provide adequate drainage facilities in the fields to avoid water stagnation due to heavy rainfall, do not allow the animals to graze outside, standing near the trees or electric poles & provide safe shelter.

Thunderstorms & lightning with light to Moderate rain are likely to occur at one or two places over the Tamilnadu on 08 to 09 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.

### **Agriculture:**

Due to hot and humid conditions, discomfort weather is likely at isolated pockets over the district during next two days (08.05.2024 & 09.05.2024). Hence farmers are advised to plan their field activities during morning and evening hours and avoid working in the field during 12 noon to 4 Pm. Stay safe and take care. Drink adequate water.

### **Weather Based Agro-Advisories: (Crossandra, Coconut & Animal Husbandry)**

#### **Crossandra:**

The incense of nematode was noticed in Crossandra floral crop. The symptoms are stunted parches in the field, yellowing with puckering, internodal length reduced to give a rosette appearance, and lesions on the secondary and tertiary roots.

To control, apply Paecilomyces Lilacinus W.P @ 2kg/acre, apply FYM @ 12.5 tonne/ha and apply neem cake @ 500 kg/ha.

Using the chemical method, mix Cartap Hydrochloride granules @ 7Kg per acre, with farmyard manure and apply.

#### **Coconut:**

The incidence of Red Palm Weevil is noticed in Coconut. The symptom of damage appears on the trunk. Holes can be seen on the trunk with chewed-up fibre protruding out. Many times, reddish brown liquid can be seen oozing out from the hole.

Sometimes the gnawing sound produced by the feeding grubs inside will also be audible. In the advanced stage of infestation yellowing of the inner whorl of leaves occurs. The crowns fall or dry up later when the palm is dead.

To control this, set up a pheromone trap by using a 5-litre bucket filled with 2 kg Castor cake + 3litre of water + 2 well rotten Banana + 2 pieces of Pine Apple + 100 gm Jaggery per hectare or Root feed with Profenophos @10 ml with 100ml water per tree.

#### **Animal Husbandry:**

Some amount of rainfall has been received during the recent days. This situation is favourable for the development of Aflatoxin infection in the Corn kernels and Paddy Straw, which may affect the health of your cattle.

To avoid this infection, check carefully and dry the Corn kernels and Paddy Straw before feeding.