



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.kanniwadi@gmail.com
 Fax: 044 - 22541319

 District :
 Madurai
 Forecast Period :
 10/02/2024
 to
 14/02/2024

Bulletine No: MSSRF/ MDU / 012/ 2024 Release Date : 09/02/2024



Significant past weather	From	06/02/202 4	to	08/02/202 4	
Parameters		Past	Weath	ner	
Rainfall (mm)			0.0		
Maximum Temperature (°C)			34-35		
Minimum Temperature (°C)			21-22		
Sky Condition (Octas)			2		
Relative Humidity (%)			37-87		
Wind Speed (kmph)		7-11			

Ensemble Weather Forecast 08:30Hrs
until 06

		11-02-		13-02-	14-02-
Parameters	10-02-2024	2024	12-02-2024	2024	2024
	Saturday	Sunday	Monday	Tuesday	Wednesday
Rainfall (mm)	0	0	0	0	0
Maximum Temperature (°C)	36	36	36	37	37
Minimum Temperature (°C)	22	22	23	22	23
Sky Condition (Octas)	4	2	0	2	3
Max. Relative Humidity (%)	90	90	90	90	100
Min. Relative Humidity (%)	40	40	40	50	40
Wind Speed (Kmph)	12	14	12	10	12
Wind Direction	NE	NE	NE	NE	NE

SMS Advisory Dry weather will prevail for the next 5 days. Maximum temperature would be in the range of 36°C to 37°C and the minimum temperature would be between 22°C-23°C. Mainly clear sky will appear for the next five days. Wind is expected with the speed of 10-14 Kmph from, Northeast direction.

General Advisory:

Since dry weather is forecasted for the next five days, based on the soil moisture condition of the field, farmers can provide irrigation to their crops.

Mist is likely to prevail during the early morning hours, allow your cattle to graze only 2 hours after sunrise.

Wind with the speed of 10 to 14 kmphis 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.

Extended range Forecast for next week (9th Feb to 22nd February 2024):

Rainfall:

As per extended range predictions, below normal to near normal is likely over one or two places of the district from 9th Feb to 22nd February 2024.

Maximum Temperature:

Maximum temperatures are likely to be normal to slightly above normal and are likely to be in the range of 28°C to 32°C, over the district from 9th Feb to 15th February 2024.

Maximum temperatures are likely to be normal to slightly above normal and are likely to be in the range of 30°C to 34°C, over the district from 16th Feb to 22nd February 2024.

Minimum Temperature:

Minimum temperatures are likely to be slightly above normal and are likely to be in the range 16°C to 22°C over the district from 9th Feb to 15th February 2024.

Minimum temperatures are likely to be slightly above normal and are likely to be in the range 18°C to 22°C over the district from 16th Feb to 22nd February 2024.

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

Jasmine:

The incense of Budworm may be noticed in Jasmine. The budworm caterpillar makes the hole in the flower bud and feeds on the inner content. Petals are eaten by larvae.

Collect and destroy the damaged buds with larvae.

Use a light trap to attract and kill the adult moths.

Spray Neem Seed Kernel Extract (NSKE) @ 5% (ie.,50gm dry seeds powder per litre of water + 2gm detergent soap). Always use freshly prepared NSKE.

Spray the extract in the evening hours (after 3:30 Pm) to get effective results.

The Jasmine bushes should be pruned properly and the fields should be maintained cleanly.

Paddy:

The incidence of Paddy Leaf folder expected in Paddy crop, the symptoms are leaves folding longitudinally and larvae remaining inside. Larvae scrap the green tissue of the leaves and become white and dry. During a severe infestation, the whole field exhibits a scorched appearance.

To control this, tie Trichogramma egg parasitoid cards @ 5cc per acre, thrice at the 37th, 44th, and 51st days after transplanting.

Avoid excessive application of urea.

Install Light trap at 1No. per acre.

Spray NSKE @ 5ml per litre of water or spray Chlorpyrifos 20 EC @ 5ml per litre of water.

Animal Husbandry:

All the veterinary dispensaries in Tamil Nadu are providing regular vaccinations for RDVK for poultry every Saturday.

Farmers are advised to vaccinate and protect their birds from Ranikhet Disease.