
 MSSRF Science for Sustainable Development	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 :	Pudukkottai	Forecast Period :	26/06/2024	to	
	Bulletin No:	MSSRF/ PDK /051/ 2024	Release Date :	25/06/2024		

Significant past weather	From 21/06/2024 to 24/06/2024
	4 to 4
Parameters	Past Weather
Rainfall (mm)	5.1
Maximum Temperature (°C)	35-36
Minimum Temperature (°C)	26-27
Sky Condition (Octas)	6
Relative Humidity (%)	51-89
Wind Speed (kmph)	13-30

Ensemble Weather Forecast
until **08:30Hrs of 30-06-2024**

Parameters	26-06-2024	27-06-2024	28-06-2024	29-06-2024	30-06-2024
	Wednesday	Thursday	Friday	Saturday	Sunday
Rainfall (mm)	1	0	0	0	0
Maximum Temperature (°C)	36	35	35	36	36
Minimum Temperature (°C)	26	25	25	26	26
Sky Condition (Octa)	8	8	6	6	5
Max. Relative Humidity (%)	70	70	70	70	70
Min. Relative Humidity (%)	60	50	50	40	30
Wind Speed (Kmph)	10	10	8	12	16
Wind Direction	SW	SW	SW	SW	SW

SMS Advisory	Chances of very light rain on 26 Jun. Maximum temperature would be in the range of 35°C to 36°C and the minimum temperature would be between 25°C - 26°C. Generally cloudy sky will appear for the next five days. Wind is expected with the speed of 8-19 Kmph from, Southwest direction.
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General Advisory:

Extended range Forecast for next week (28th June to 04th July 2024):

Rainfall:

As per extended range predictions, there is possibility of generally normal to slightly above normal rainfall likely over the district during 28th Jun to 04th July 2024.

Maximum Temperature:

Maximum temperatures are likely to be near normal to slightly above normal and are likely to be in the range 36°C to 36°C over the plains of the district during next week. 28th Jun to 04th July 2024.

Minimum Temperature:

Minimum temperatures are likely to be near normal to slightly above normal and are likely to be in the range 24°C to 28°C over the district during next week 28th Jun to 04th July 2024.

Wind with the speed of 8 to 16 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.

Agriculture:

As the temperature is expected to increase in the forthcoming days, sucking pest infestation may be prevalent in vegetables, pulses and groundnut crops. Hence, 5% Neem seed kernel extract may be sprayed to control the pest incidence.

Weather Based Agro-Advisories: (Groundnu, Moringa & Animal Husbandry)

Groundnut:

The application of Gypsum is important for the Groundnut crop. Apply gypsum @ 400 kg/ha by the side of the plants on the 40th to 45th day of sowing for irrigated crops and on the 40th to 75th day of sowing for rain-fed crops.

Apply gypsum, hoe and incorporate in the soil and then earth up.

Gypsum is effective in calcium and Sulphur-deficient soils.

Moringa:

At this growth stage, weed management and aftercare are important in the Annual Moringa crop.

Up to 2 months after planting, it is necessary to follow weed management practices and clean the Moringa field without weeds.

Pinch the terminal bud on the central leader stem when it attains a height of 1 to 2 metres. This will promote the growth of many lateral branches leading to more flowering and fruits. Also, the harvesting will be made easy as the tender pods and leaves will be in comfortable reach.

Animal Husbandry:

Hemorrhagic Septicemia disease, which affects cattle, is most prevalent during the rainy season. Milch animals, especially buffaloes and crossbred cows, are more susceptible to this disease.

Infected animals develop severe fever, dysentery, and swelling in the lower mandible, head, neck, throat, and chest.

Germes of this disease survive longer in humid and waterlogged conditions.

As a precautionary measure to avoid this, it is necessary to consult a nearby veterinary doctor before the rainy season and vaccinate the cows.