
 MSSRF <i>Science for Sustainable Development</i>	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 :	Sivagangai	Forecast Period :	10/03/2024 to 14/02/2024	
	Bulletine No :	MSSRF/SVG / 012/ 2024	Release Date :	09/02/2024	

Significant past weather		From	06/02/202 4	to	08/02/202 4
Parameters		Past Weather			
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 of **14-02-2024**

Parameters	10-02-2024	11-02-2024	12-02-2024	13-02-2024	14-02-2024
	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)	14	16	18	14	14
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 14-18 Kmph from, Northeast direction.
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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 14 to 18 kmphs 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: (Important Crops: Cashew, Brinjal & Animal Husbandry)

Cashew:

The Stem borer incense is noticed in the cashew crop. The symptoms are small holes with seeps appearing in the base of the tree.

To control this, keep the groove clean without weeds.

Collect and destroy the affected shoots.

Swabbing the bark of exposed roots and shoots with Fibronil @ 45ml/10 litre of water.

Brinjal:

Due to the current weather, the incidence of spotted beetles is noticed in the Brinjal crop. The symptoms of damage are found in leaves. The beetles are scrapping of chlorophyll.

It leads to skeletonization and drying of leaves.

To control collect the damaged leaves with grubs, and egg masses and destroy them.

Spray Cartap hydrochloride @ 35gm per tank.

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.