



Day 1(20.11.2021) : Thunderstorm with Heavy rain is likely to occur at isolated places over Tiruvannamalai, Ranipettai, Vellore, Tirupattur, Krishnagiri, Dharmapuri **Salem**, Erode, **Namakkal**, Coimbatore and Tiruppur districts of Tamil Nadu.

Day 2 (21.11.2021): Thunderstorm with Heavy rain is likely to occur at isolated places over, Krishnagiri, Dharmapuri, Tirupattur, Erode, Kallakurichi, **Salem**, Tiruvannamalai, and Cuddalore districts of Tamil Nadu.

**WEATHER ADVISORY BULLETIN: 4 Days, Namakkal****Last week weather summary for Namakkal district**

Maximum and Minimum temperature ranged between 31.0°C (87.8°F) and 22.5°C (72.5°F). Scattered rainfall was recorded in many places of the district during this period.

**Weather summary for Namakkal district**

Past week summary (16.11.2021 to 17.11.2021)		Parameters	Weather for the next four days (20.11.2021 to 23.11.2021)			
Day - 1 16/11	Day - 2 17/11	Date	Day - 1 20/11	Day - 2 21/11	Day - 3 22/11	Day - 4 23/11
6.0	3.6	Rainfall ( mm )	30.0	10.0	10.0	25.0
31.0	30.0	Max. Tem. (°C)	27.0	29.0	30.0	31.0
23.0	22.5	Min. Tem. (°C)	22.0	23.0	23.0	23.0
Generally cloudy	Generally cloudy	Cloud cover (Octa)	Generally cloudy	Generally cloudy	Generally cloudy	Generally cloudy
73 – 82	78 – 92	RH I – II (%)	65 – 95	65 – 90	70 – 90	65 – 90
4	0	Wind (kmph)	6	4	4	4
North east	North east	Wind direction	South west	South	South east	Northeast

**Weather forecast for next four days: 20.11.2021 to 23.11.2021**

For the next four days in Namakkal district, the sky will be generally cloudy with chances of thunderstorm with heavy rains are expected in many places of the district. Day temperature will not go beyond 31.0°C (87.8°F) and night temperature will be at 22.0°C (71.6°F). Wind speed will ranges from 4 – 6 km / hour and mostly blow from south and south west direction. Relative humidity will ranges from 65 to 95 %.

<b>.Expected Rainfall (mm) in different blocks of Namakkal District for the next 4 days</b>															
Date (D-M-Y)	Elacipalayam	Erumapaty	Kabilarmalai	Kolli-hills	Mallasamudram	Mohanur	Namagripet	Namakkal	Pallipalayam	Paramathy	Puduchatram	Rasipuram	Sendamangalam	Tiruchengodu	Vennandur
20.11.2021	0.5	1.1	2.4	1.8	0.0	1.4	0.2	1.1	1.6	2.1	0.3	0.1	1.4	1.3	0.0
21.11.2021	5.3	19.5	8.2	34.4	3.0	10.7	16.0	13.9	5.6	8.1	6.8	10.7	24.1	4.3	6.1
22.11.2021	14.5	23.4	10.8	37.5	21.3	9.7	21.3	15.8	21.5	10.7	11.6	21.0	31.9	21.8	19.0
23.11.2021	14.0	16.8	5.5	31.7	21.6	4.4	20.2	13.5	21.1	6.2	11.4	19.0	28.4	22.6	17.6

## Weather Advisory Bulletin for livestock, poultry and agriculture

Livestock, poultry & Crop	Stage	Weather advisory
Livestock	General	<p style="text-align: center;"><b><u>Feeding management of livestock during rainy days</u></b></p> <ul style="list-style-type: none"> <li>✓ In general, the growth of the forage crops particularly grasses will be fast due to continuous rain leading to attaining maturity quickly. The digestibility of mature grasses due to delayed harvest will be low because of high fibre content. To improve the fibre digestibility, yeast (5 - 10 gm) may be added in the ration. At the same time, grazing of immature tender grasses will lead to low milk fat content. The feedstuffs rich in fibre such as straws/ stovers, cotton seed, bran etc., can be fed during this time.</li> <li>✓ During rainy days, the quantity of sugars, lipids and minerals present in the fodder crops is reduced due to leaching in rain water. To overcome this, the quantity of compounded feed can be increased (250 g /day) or 50 gram mineral mixture may be supplemented.</li> <li>✓ The compounded feed for livestock may be stored for 15 days in a dry place on planks without touching the floor. The feed bags may be stacked by leaving at least one feet space from side walls. High humidity prevailing in the atmosphere during rainy days may lead to increase in moisture content of concentrate feed beyond 11 % leading to formation of mycotoxin particularly Aflatoxin. The bags are to be tied air tight after taking out the compounded feed for daily requirement.</li> </ul>
<b>Poultry Disease Diagnosis and Surveillance Laboratory, Namakkal</b>		
Poultry	Commercial birds	<ul style="list-style-type: none"> <li>✓ Post mortem observations in the birds brought for diagnosis at Poultry Disease Diagnosis and Surveillance Laboratory, VC &amp; RI, Namakkal revealed death of birds due to <b><i>Wing rot infection and Necrotic enteritis</i></b>. Hence, farmers are advised to test feed ingredients for <i>Clostridia</i>, <i>Staphylococcus</i>, and <i>E. coli</i> load and follow appropriate feed management measures.</li> <li>✓ Also, farmers are advised to use toxin binders in feed ingredients and during rainy season rectify the rainwater leakage in the poultry farm and feed mills.</li> </ul>
<b>Agro advisory from Krishi Vigyan Kendra, Namakkal :</b>		
Vegetable , Tapioca and Fruit trees	General	<p>It is expected to receive rainfall in the forthcoming days, so the vegetable and tapioca growers are advised to make drainage facility in the field to drain the excess water. In addition to that the fruit growers are requested to make trenches 4 – 5 feet away from the tree at a depth of 2 feet which facilitates penetration of rainfall thus help to conserve the soil moisture and increase the ground water level.</p>
Crops	General	<ul style="list-style-type: none"> <li>✓ Check the strength of the pandhal system in the vegetable crops to avoid damage during rainy season.</li> <li>✓ Avoid spraying pesticides and fertilizers to the crops and plants during the rainy season in order to prevent leaching.</li> <li>✓ Propping of banana with bamboo or casuarinas pole to avoid pseudo stem breakage due to winds.</li> <li>✓ Strengthen the bunds to prevent soil erosion during rainy season.</li> </ul>

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