



## Agromet Advisory Bulletin for the District, Kozhikode

(Valid from 31.03.2021 to 04.04.2021)

(Issued jointly by Kerala Agricultural University Regional Agricultural Research Station Pilicode & India Meteorological Department)



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Date: 30/03/2021

### A. Weather Summary of preceding four days



Rainfall, mm	Max. temp., °C	Min. temp., °C	R. H., %	Wind speed, Km/h
20.4	34.1 – 35.8	24.8 – 27.7	69 - 87	00 -08

### B. Weather forecast for next five days

Parameters	31-03-21	01-04-21	02-04-21	03-04-21	04-04-21
Rainfall, mm	0.2	3	0	0	0
Max. Temp, °C	35	36	36	36	36
Min. Temp, °C	25	26	26	26	26
Max. Relative Humidity, %	85	85	85	85	85
Min. Relative Humidity, %	65	65	65	65	65
Wind speed, km/h	4	4	6	8	8
Wind direction, degrees	290	270	270	270	290
Total cloud cover, octa	7	7	4	4	4

### C. Agrometeorological Advisories

Crop	Stages	Problems	Agro-meteorological advisories
General conditions			<p><b>Thunderstorm with lightning accompanied with gusty winds is likely at one or two places</b></p> <p>According to extended range rainfall forecast, there are chances to get fairly good rainfalls during the fortnight starting with April 9 ..</p> <p>Summer rains have prime role in coping up drought. Hence maximum water harvesting should be ensured in the fields. Clean the rain pits. Cover the soil with dried leaves, especially the basins of crops. The opened tree basins which are partially filled after fertilizer application, can act as very good water harvesting structures. Divert the runoff water to such tree basins by drawing furrows.</p>
Paddy (Late sown Mundakan crop)	Harvesting		<p>Harvest all the ripened fields quickly. Do not heap the harvested products in the field itself. Take care while drying the harvested rice directly under the sun, especially during the afternoon periods.</p> <p>In rice fallows where transplanting is practiced during the first crop, organic manure seeds (Daincha, sunhemp, cowpea etc) can be sown during this time. These can be harvested at its 45 days of growth, just before flowering. This will not only help in fixing nitrogen into the soil, but also control the weeds growth in the fields. If there is sufficient soil moisture at the time of harvest, incorporate them into the soil through deep ploughing. Other wise use it for preparation of composts.</p>

Paddy (Viruppu: First crop season)	Land preparation for broadcasting	As fairly good summer showers are predicted during the second and third weeks of April preparations can be started in places where broadcasting is preferred.	
Cucurbit-aceous vegetables	Flowering and fruit setting stage	<p style="text-align: center;">Pumpkin beetle</p> 	If beetle population is found high, spraying of malathion 50 EC or Dimethoate 30 EC @ 500 ml / ha
**Mammalian livestock	Various stages of growth	<p style="text-align: center;">Tick parasites</p>  <p>Ticks are the vectors of many severely damaging disease causing organisms like protozoa. Also tick infestation may cause anemia, bloody urine, jaundice etc.</p>	<p>Usually after feeding the ticks fall on the ground and live in small holes in the ground as well as on the walls of the cattle shed. Hence controlled flaming (with dried leaves), the floor and walls of the cattle shed and also the ground where cattle lie outside the shed is advised. At the time of flaming the cattle should be kept temporarily away from the location.</p> <p>Soak cotton clothes in dilute Cypermethrin (1ml per 2 litres of water) solution and wipe the whole body of the cattle once in a week.</p> <p>Spray Cypermethrin (diluted @ 1ml per litre of water) on the ground and walls of the cattle shed, and also wherever the cattle is sheltered during day time.</p>

Sd/-  
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