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अमृत महोत्सव

## Agromet Advisory Bulletin for the District, Kozhikode

(Valid from 13.11.2021 to 17.11.2021)

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



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### A. Weather Summary of preceding five days



Rainfall, mm	Max. temp., °C	Min. temp., °C	R. H., %	Wind speed, Km/h
28.3	30.4 – 32.0	22.5 – 25.0	73 – 93	00 - 04

### B. Weather forecast for next five days

Parameters	13-11-2021	14-11-2021	15-11-2021	16-11-2021	17-11-2021
Rainfall, mm	20	20	40	40	20
Max. Temp, °C	31	31	31	31	31
Min. Temp, °C	25	25	25	25	25
Max. Relative Humidity, %	95	95	95	95	95
Min. Relative Humidity, %	75	75	75	75	75
Wind speed, km/h	8	6	6	4	4
Wind direction, degrees	250	230	270	250	230
Total cloud cover, octa	8	7	8	8	8

### C. Agrometeorological Advisories

Crop	Stages	Problems	Agro-meteorological advisories
			Isolated heavy rainfalls are very likely to occur
			Isolated heavy rainfalls (70-110 mm in 24 hours) are very likely to occur on next five days
			The sky will be cloudy. Low night temperature and high day temperature will be experienced. Hence there will be large difference between day time temperature and night temperature. The atmospheric humidity also will be high.
			<b>As per extended range forecast, cumulative normal rainfall is likely in the next two weeks.</b>
	General conditions		Keep all the drainage channels in fields open.
			Do not keep harvested produces like rice, rubber, copra, pulses, vegetables, seeds, etc. and fertilizers at open places.
			Beware of heavy wind and lightning. Avoid working when there is lightning. Don't rest under the trees and in weak shelters.
			Give strong propping to banana, vegetables and other soft stemmed crop plants.
			Neither keep the livestock in open places, nor allow them for grazing. They should be sheltered under strong roofs. During non-rainy days, rake the soil in the basins of the crops for aerating the root zone.

Coconut/ Arecanut/Fruit crops	Seedling stages	<b>Provide strong bunds around the pits to prevent the entry of runoff water into the basins. Do not allow water stagnation in the basins.</b>  If any water stagnation, drain/remove the water wherever possible and rake the basins periodically for aerating the roots	
Vegetables	Transplanting/ sowing	<b>Plant only on raised beds/ridges/mounds. Ensure moderately deep drainage channels in between lines of planting. Provide strong supports to crops like tomato and pandals of guards</b>	
Paddy (Second crop: Mundakan)	Maximum tillering/Panicl e initiation	<b>Postpone the application of fertilizers for few days. Drop bleaching powder filled small porcelain bags in the water channels; at the place of entry of water to the fields. This may prevent decaying of the culms.</b>	
Tapioca / root crops	Different stages	<b>Harvest all the matured crops as quickly as possible, before the arrival of rain, and transport immediately to a safe places. During rain/lightning, never attempt for the harvest. Provide adequate drainage in the fields.</b>	
Black pepper	Different stages	<b>Provide good drainage. Intermittently watch the basal portions to see basal rot if any. If basal rot/wilt appears drench Redomil® (@2g/l) on rain free day.</b>	
Cashew	Flushing stage	Tea mosquito bug 	Prophylactic measures:  1) The fungal biological control agent, <i>Beauveria bassiana</i> can be sprayed @ 20g/L  <b>Or</b>  2) Spray quinalphos (2ml/litre) or Thiamethoxam (0.2g/L)
Cashew	Flushing stage	Root and stem borer 	Swabbing (above five years old trees only) with mud slurry and coal tar kerosene mixture at 1:2 proportion is recommended as a prophylactic measure. This combination can be externally applied on the stem to a height of 1.5m from the soil as well as on the exposed roots.

Sd/-  
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