



Date: 16/05/2024

Time: 1430 HRS IST

IMPACT BASED FORECAST FOR HEAVY RAINFALL & THUNDERSTORM OVER ERNAKULAM DISTRICT

Forecast	1) Heavy to very heavy rainfall very likely to occur at isolated places over Ernakulam district on 20 <sup>th</sup> May 2024.		
	3) Heavy rainfall very likely to occur at isolated places over Ernakulam district on 17 <sup>th</sup> & 19 <sup>th</sup> May 2024. 4) Thunderstorm with lightning accompanied by gusty winds, speed reaching 40-50 Kmph, is very likely to occur at one or two places from 16th to 18th May 2024. Thunderstorm with lightning accompanied by gusty winds, speed reaching 30-40 Kmph, is very likely to occur at one or two places on 19th & 20th May 2024.		
Impact Expected	<ul style="list-style-type: none"> <li>Unseasonal rains may cause flooding in the lowlands.</li> <li>Heavy rainfall results in the flooding of the cropped field which damages the crop in the maturity stage</li> <li>High winds cause lodging of the banana plants</li> <li>Those vegetables in pandals will be damaged due to high winds</li> </ul>		
	<ul style="list-style-type: none"> <li>Advisory prepared by the Dept. of Agrl. Meteorology, Kerala Agricultural University, COA, Vellanikkara</li> </ul>		
	Rice (Puncha)	Land preparation	Waterlogging. Provide proper drainage.
	Banana	All stages	Lodging due to heavy Rain Provide proper drainage in the banana field.
	Vegetables	All stages	Heavy rainfall results in the flooding of the cropped field Provide proper drainage in the cropped field.
Animal Husbandry	Avoid water logging near the cattle shed. Ensure proper ventilation in the cattle shed. The poultry shed should be kept free from moisture. Stir the litter occasionally and add fresh litter if required.		
General Action Suggested	<ul style="list-style-type: none"> <li>Harvest the crop as early as possible</li> <li>Provide proper drainage in the cropped field if heavy rainfall is expected</li> <li>Propping of the banana plants recommended</li> <li>Additional support of the pandals recommended</li> <li>Keep away from open fields to avoid lightning stroke to livestock and farmers in the afternoon</li> </ul>		
<b>COLOR CODES</b>			
Very Low		No action	
Low		Be updated	
Medium		Be prepared	
High		Take Action	

For Head  
State Agriculture Meteorological Centre,  
Thiruvananthapuram