



Date: 17/07/2024

Time: 1400 HRS IST

IMPACT BASED FORECAST FOR HEAVY RAINFALL & THUNDERSTORM OVER ERNAKULAM DISTRICT

Forecast	1) Heavy to very heavy rainfall is very likely to occur at isolated places over Ernakulam district on 17th & 18th July 2024.			
	2) Heavy rainfall is very likely to occur at isolated places over Ernakulam district on 19th July 2024.			
Impact Expected	<ul style="list-style-type: none"> • Unseasonal rains may cause flooding in the lowlands. • Heavy rainfall results in the flooding of the cropped field which damages the crop in the maturity stage • High winds cause lodging of the banana plants • Those vegetables in pandals will be damaged due to high winds 			
	Advisory prepared by the Dept. of Agri. Meteorology, Kerala Agricultural University, COA, Vellanikkara			
	Rice (Virippu)	Seedling stage	Lodging due to waterlogging.	Transplanting can be postponed for 2 to 3 days
	Banana	All stages	Lodging due to heavy wind	Since there is a chance of lodging due to heavy wind, provide staking for support. Propping of the banana plants were recommended.
	Vegetables	All stages	Heavy rainfall results in the flooding of the cropped field which damages the cropped in the maturity stage	Since there is a chance of lodging and fruit fall due to wind. Provide staking for support strengthens the pandals. Heavy rainfall results in the flooding of the cropped field which damages the crop in the maturity stage. 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"> • Harvest the crop as early as possible • Provide proper drainage in the cropped field as heavy rainfall is expected • Propping of the banana plants recommended • Additional support of the pandals recommended • Keep away from open fields to avoid lightning stroke to livestock and farmers in the afternoon 			
COLOR CODES				
Very Low			No action	
Low			Be updated	
Medium			Be prepared	
High			Take Action	

For Head
State Agriculture Meteorological Centre,
Thiruvananthapuram