



Date: 30/08/2022

Time: 1500 HRS IST

IMPACT BASED FORECAST FOR HEAVY RAINFALL & THUNDERSTORM OVER ERNAKULAM DISTRICT -

Updated 1

Realized weather	Rainfall received in mm during 24hrs ended at 0830 hrs IST of 30/08/2022: Aluva (ALU) 15.0 NAS Kochi (NAS) 71.2 Ernakulam South (ERS) 20.0 C.I.A.L. Kochi (CIAL) 8.2 Piravom (PRV) 51.2 Perumbavur (PBR) 2.0		
Forecast	1) Isolated heavy to very heavy rainfall very likely over Ernakulam district on 30 th August 2022. 2) Thunderstorm accompanied with lightning at isolated places till 3 rd September 2022.		
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 		
	Crop	Stage	Likely Impact on crop
	Vegetables	All stages	<ul style="list-style-type: none"> Fruit fall due to heavy wind Lodging due to heavy wind Heavy rainfall results in the flooding of the cropped field which damages the crop in the maturity stage
	Banana	Planting	Lodging due to heavy wind
	Yams	Vegetative stage	Lodging due to heavy wind
	Lowland Pulses	Harvesting	Unseasonal rains may cause flooding in the lowlands.
	Rice	Grain Filling stage	Lodging due to waterlogging
Advisory & Action Suggested	<ul style="list-style-type: none"> Harvest the ripe fruits , Provide staking for support , Strengthen the pandals Provide proper drainage in the cropped field . Additional support of the pandals recommended 		
General Action Suggested	<ul style="list-style-type: none"> Harvest the crop as early as possible Provide proper drainage in the cropped field if 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