



Gramin Krishi Mousam Sewa (GKMS), Thrissur
Agromet Advisory Bulletin for Ernakulam District
(Valid from 13.11.2021 to 17.11.2021)

*Prepared by the Department of Agricultural Meteorology, Kerala Agricultural University, COA, Vellanikkara
based on the medium range weather forecast of India Meteorological Department (IMD), New Delhi*

**Impact based forecast (IBF) AAS Bulletin No: 46/2021, (92) Friday
dated 12.11.2021 for Ernakulam district based on IMD forecast on 12.11.2021**

A. Medium range weather forecast of IMD for next five days

Weather parameters	13.11.2021	14.11.2021	15.11.2021	16.11.2021	17.11.2021
Rainfall (mm)	20	20	40	40	20
Maximum temperature (°C)	30	30	30	30	30
Minimum temperature (°C)	25	25	25	25	24
Maximum Relative Humidity (%)	96	96	96	96	96
Minimum Relative Humidity (%)	83	83	83	83	83
Wind speed (kmph)	18	14	16	14	8
Wind direction (deg)	250	230	250	290	250
Total cloud cover (octa)	7	7	8	8	8

Weather summary / Alert

14.11.2021	<ul style="list-style-type: none"> Heavy to very heavy rainfall likely to occur at isolated places in the district of Ernakulam Thunderstorm with moderate rainfall and gusty winds speed reaching 40 kmph is likely to occur at isolated places in the district of Ernakulam.
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**Moderate rainfall is expected in the district and heavy rainfall in isolated places
Isolated heavy rainfalls are likely to occur on days -1,2 & 4 and very heavy rainfall on 3 day(14.11.2021)**

B. Agrometeorological Advisories for crop protection & management

General Advisory:As heavy rainfall is expected, postpone the application of fertilizer and plant protection chemicals. Open small drainage channel in the rainfall affected area to drain out impounding water. Strong wind speed is expected. Give strong propping to banana and staking to vegetables.

Crop	Stage	Likely Impact on crop	Crop/ Animal Advisories (RRS Vyttila)
Pokkali rice	harvesting stage	<ul style="list-style-type: none"> Lodging due to water logging; viviparous germination of seeds 	<ul style="list-style-type: none"> Harvest the crop after the current spells of rain and keep the harvested produce at safer place. Maintain proper drainage in the field
Coconut		<ul style="list-style-type: none"> Heavy rainfall leads to flooding of the coconut gardens 	<ul style="list-style-type: none"> Postpone the application of plant protection chemicals in coconut gardens. In the wake of heavy rains expected open the basin of coconut palms to hold more rain water
Vegetables		<ul style="list-style-type: none"> Heavy rainfall leads to water logging in the vegetable garden. Strong winds are detrimental to crop 	<ul style="list-style-type: none"> Proper drainage facilities have to be provided for vegetables since heavy rains expected. Staking if required is recommended for vegetables in pandals. Also make necessary arrangements for proper drainage in the fields
Cattle		Avoiding moisture in places where cattle feeds are being stored reduce the chances of food poison	