

आजादी
का
अमृत महोत्सव



Agromet Advisory Bulletin
Kannur District
(Valid from 03.08.2022 to 07.08.2022)



Agromet Advisory Bulletin for the District, Kannur

(03.08.2022 to 07.08.2022)

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



Bulletin Number: Pilicode/Knr-61/2022

Date: 02/08/2022

A. Weather Summary of preceding five days

| Rainfall, mm | Max. temp., °C | Min. temp., °C | R. H., % | Wind speed, Km/h |
|--------------|----------------|----------------|----------|------------------|
| 28 | 29.2 – 32.9 | 23.5 – 25.9 | 76 - 95 | 04 - 12 |

B. Weather forecast for next five days

| Parameters | 03-08-2022 | 04-08-2022 | 05-08-2022 | 06-08-2022 | 07-08-2022 |
|---------------------------|------------|------------|------------|------------|------------|
| Rainfall, mm | 70 | 140 | 140 | 70 | 40 |
| Max. Temp, °C | 29 | 28 | 30 | 30 | 32 |
| Min. Temp, °C | 23 | 23 | 25 | 25 | 25 |
| Max. Relative Humidity, % | 97 | 97 | 97 | 97 | 97 |
| Min. Relative Humidity, % | 92 | 92 | 92 | 92 | 92 |
| Wind speed, km/h | 14 | 20 | 20 | 18 | 10 |
| Wind direction, degrees | 340 | 340 | 320 | 250 | 320 |
| Total cloud cover, octa | 8 | 8 | 8 | 8 | 8 |

C. Agrometeorological Advisories

| Crop | Stages | Problems | Agro-meteorological advisories |
|--------------------------------|--------|----------|--|
| | | | Extremely heavy rain falls** |
| General conditions | | | Isolated Extremely heavy rainfall (more than 20cm in 24 hours) is very likely to occur on 3rd and 4th August 2022. Isolated Heavy to very heavy rainfall (7 – 20 cm in 24 hours) is very likely to occur on 5th August 2022. Isolated Heavy (7 – 11 cm in 24 hours) rainfall is very likely to occur on 6th and 7th August, 2022. Thunderstorm with lightning is very likely to occur at isolated places from 3rd August 2022 to 7th August 2022. |
| General Recommendations | | | <p>Keep all drainage channels opened.</p> <p>Transport perishable produces like rubber, copra, pulses, vegetables, seeds, etc. and animal feeds and fertilizers from open places to store houses. Collect and store sufficient feeds for the livestock. Keep the seeds fertilizers and cattle feeds on moisture free and elevated plant forms.</p> <p>Beware of heavy wind and lightning. Avoid working when there is lightning. Don't rest under the trees and in weak shelters.</p> <p>Give strong propping to banana, vegetables and other soft stemmed crop plants.</p> <p>Neither keep the livestock in open places, nor allow them for grazing. They should be</p> |

| | | |
|----------------------------------|--|--|
| | <p>sheltered under strong roofs.</p> <p>Postpone activities like fertilizer application, sowing etc till climatic conditions become favourable.</p> <p>Beware of landslides in vulnerable hilly areas.</p> <p>Closely follow the directions of disaster management authorities</p> | |
| Coconut | Various stages | Protect the newly planted seedlings from water accumulation in the pits by forming raised bunds around the banks of the pit. Raking of soil should be done immediately after the withdrawal of heavy rainfalls. Apply lime also in the soil at the time of raking. |
| Paddy | All stages | Keep the fields drained. Open all the drainage channels. Immediately after the withdrawal of heavy rainfalls keep porcelain bags filled with bleaching powders at the face of water entry into the fields. |
| Crops cultivated in Rain shadows | All stages | Provide good wind breaks surrounding the structures. |
| Banana | Various stages of growth | Ensure very good drainage. Provide strong propping to the crops. |
| Animal Husbandry | All animals | Do not keep them under open conditions any time on these days. Shelter them under moist free strong structures. Ensure buffer stock of food materials for them. |

**** Warning colour codes of rainfall (for disaster management)**

| | | | |
|-------------------------------|----------------------------|---------------------------|--------------------------------|
| Warning (Take actions) | Alert (Be prepared) | Watch (Be updated) | No warning (No actions) |
|-------------------------------|----------------------------|---------------------------|--------------------------------|

Sd/-
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