



Agromet Advisory Bulletin for the District, Kannur

(Valid from 13.10.2021 to 17.10.2021)

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



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Date: 12/10/2021

A. Weather Summary of preceding five days




| Rainfall, mm | Max. temp., °C | Min. temp., °C | R. H., % | Wind speed, Km/h |
|--------------|----------------|----------------|-------------|------------------|
| 275.9 | 31.0 – 33.0 | 23.5 – 25.2 | 79.1 – 98.2 | 00 – 12 |

B. Weather forecast for next five days

| Parameters | 13-10-2021 | 14-10-2021 | 15-10-2021 | 16-10-2021 | 17-10-2021 |
|---------------------------|------------|------------|------------|------------|------------|
| Rainfall, mm | 40 | 40 | 40 | 20 | 20 |
| Max. Temp, °C | 31 | 31 | 31 | 31 | 31 |
| Min. Temp, °C | 24 | 25 | 25 | 25 | 25 |
| Max. Relative Humidity, % | 94 | 94 | 94 | 94 | 94 |
| Min. Relative Humidity, % | 78 | 78 | 78 | 78 | 78 |
| Wind speed, km/h | 10 | 8 | 16 | 12 | 12 |
| Wind direction, degrees | 270 | 200 | 160 | 140 | 290 |
| Total cloud cover, octa | 8 | 8 | 8 | 8 | 7 |

C. Agrometeorological Advisories

| Crop | Stages | Problems | Agro-meteorological advisories |
|---------------------------|--------|----------|--|
| <u>General conditions</u> | | | Heavy to very heavy rainfalls |
| | | | <p>Isolated Thunder storm and Heavy (7- 11 cm in 24 hours) to very heavy rainfalls (12-20cm in 24 hours) are very likely to occur on day-1, day-2 and day 3.</p> <p>Isolated Thunder storm and Heavy (7- 11 cm in 24 hours) rainfalls are very likely to occur on day- 4 and day - 5</p> <p>The sky will be totally cloudy. Low night temperature and high day temperature will be experienced. Hence there will be large difference between day time temperature and night temperature. The atmospheric humidity also will be very high. Rhizome rot in banana, ginger and turmeric and foot rot in pepper can be expected.</p> |

| | | | |
|----------------------------------|-------------------------|---|--|
| <u>General conditions</u> | | <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 sheltered under strong roofs</p> <p>The fertilizer applications to crops may be postponed till weakening of the rainfalls and water stagnation is subsided.</p> <p>Open the apertures of the drainage channels in the paddy fields and cropped lands. As far as possible do not permit water stagnation in cropped uplands.</p> | |
| Black pepper | All stages | <p>Foot rot</p>  | <p>As prophylactic measure, apply 150 gram of Trichoderma enriched neem cake - cow dung mixture in the basins of the vines and incorporate thoroughly with the soil.</p> <p>If disease already appeared, drench soil in the plant basins with Redomil 0.2% (2g/litre of water). Spray the same on the leaves also.</p> |
| Cashew | Newly planted seedlings | <p>Tea mosquito attack and associated fungal diseases</p>  | <p>Prophylactic spray of combination Bordeaux mixture (1% strength) + quinalphos (2ml/litre of the Bordeaux mixture)</p> |
| Ginger and Turmeric | All stages | <p>Rhizome rot</p>  | <p>Drain the field. Drench the field with 1% Bordeaux mixture.</p> |
| Live stock | Above 4 months old | <p>Foot and Mouth diseases</p> | <p>Adopt vaccination for the animals, having age above 4months, from the nearest Veterinary hospital</p> |