



# Agromet Advisory Bulletin for the District, Kannur

(Valid from 12.08.2020 to 20.08.2020)

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



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## A. Weather Summary of preceding five days

| Rainfall, mm | Max. temp., °C | Min. temp., °C | R. H., % | Wind speed, Km/h |
|--------------|----------------|----------------|----------|------------------|
| 428.6        | 25.6 – 29.6    | 22.6 – 24.2    | 93– 98   | 00 -12           |

## B. Weather forecast for next five days

| Parameters                 | 12.08.2020 | 13.08.2020 | 14.08.2020 | 15.08.2020 | 16.08.2020 |
|----------------------------|------------|------------|------------|------------|------------|
| Rainfall, mm               | 20         | 18         | 10         | 8          | 12         |
| Max. Temp, °C              | 29         | 30         | 30         | 30         | 30         |
| Min. Temp, °C              | 23         | 24         | 24         | 24         | 24         |
| Max. Relative Humidity , % | 95         | 95         | 95         | 95         | 95         |
| Min. Relative Humidity, %  | 88         | 88         | 88         | 88         | 88         |
| Wind speed, km/h           | 14         | 12         | 12         | 8          | 10         |
| Wind direction, degrees    | 270        | 270        | 290        | 270        | 250        |
| Total cloud cover, octa    | 8          | 8          | 7          | 8          | 8          |

## C. Agrometeorological Advisories

| Crop               | Stages                   | Problems                                                                                                                                | Agro-meteorological advisories                                                                                                                                                                                                                                                                      |
|--------------------|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| General conditions |                          | <p>There will be rainfalls on coming days.</p> <p>Application of fertilizers may be postponed. Ensure good drainage in crop fields.</p> |                                                                                                                                                                                                                                                                                                     |
| Paddy              | Flowering to milky stage | <p>Leaf folder</p>                                   | <p>If leaf folder attack is seen, unfold the leaves by rolling thorny wires/twigs over the canopy. Attack will be more in shaded conditions. Avoid excessive Nitrogenous fertilizers.</p> <p>If the attack is severe spot spraying of Coragen<sup>®</sup> @3ml/10 ltr of water is also advised.</p> |
|                    |                          | <p>Rice bug</p>                                      | <p>Strict vigilance is necessary at milky stage. Keep the field and bunds free of weeds and grasses.</p> <p>If attack is seen apply fish amino acid @ 20 ml/litre.</p>                                                                                                                              |

|                     |                    |                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|---------------------|--------------------|----------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Coconut             | All stages         | <p>Bud rot</p>          | <p>As a preventive measure, small perforated sachets containing 2 g of mancozeb may be tied to the top leaf axil. When rains, a small quantity of the fungicide is released from the sachets to the leaf base and thus protecting the palm.</p> <p>Spray 1% Bordeaux mixture on the crown of palms.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Black pepper        | All stages         | <p>Wilt disease</p>     | <p>Spray Redomil (@2g/litre of water) or copper oxy chloride (@3g/litre of water)</p> <p>Drench the soil in the basins with the same preparation (@ 5 litre per vine) as mentioned above.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Areca nut           | All stages         | <p>Mahali disease</p>  | <p>Apply Bordeaux mixture (1%) to the bunch and leaves.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Ginger and Termeric | Early growth stage | <p>Stem borer</p>     | <p>Spray neem based insecticide (@4ml/litre of water)</p> <p>Or</p> <p>Spray Flubendiamide ( Fame® - @ 2 ml per 10 litres of water ) 2-3 times at weekly interval.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Cow                 | Milking            | <p>Mastitis</p>       | <p>The disease is common on cows which are sheltered in unhygienic conditions.</p> <p><b>Symptoms:-</b> The symptoms are change in composition of milk and turning the milk into an yellow watery liquid , severe fever, lack of appetite, abortions etc. If not treated the cow may lose its milk yielding capacity permanently. Also the cow may lose mobility and gradually death may occur.</p> <p><b>Prevention:-</b> Ensure hygienic conditions for the individual animals as well as their shelter and its surroundings The milking machines should be cleaned properly after every use. Boost the immunity of cattle by supplementing feeds with vitamins and minerals containing health tonics.</p> <p>If disease appears, give medication under the supervision of a Veterinary doctor immediately.</p> |