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Agromet Advisory Service Bulletin

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PALAKKAD DISTRICT

AAS 12/2020, (24)Friday

20.03.2020

CURRENT SYNOPTIC SITUATION: A cyclonic circulation lies over west Vidarbha and neighbourhood extending upto 1.5 km above mean sea level. A wind discontinuity runs from north Interior Karnataka to south Tamil Nadu across south Interior Karnataka at 0.9 km above mean sea level. A cyclonic circulation lies over Comorin area and neighbourhood extending upto 0.9 km above mean sea level.

WEATHER FORECAST FOR THE NEXT FIVE DAYS:

| Weather parameters | 21.03.2020 | 22.03.2020 | 23.03.2020 | 24.03.2020 | 25.03.2020 |
|-------------------------------|------------|------------|------------|------------|------------|
| Rainfall (mm) | 2 | 5 | 0 | 0 | 0.5 |
| Maximum temperature(°C) | 39 | 38 | 38 | 38 | 38 |
| Minimum temperature (°C) | 27 | 26 | 26 | 26 | 26 |
| Maximum Relative Humidity (%) | 80 | 80 | 80 | 80 | 80 |
| Minimum Relative Humidity (%) | 30 | 30 | 30 | 30 | 30 |
| Wind speed (kmph) | 2 | 4 | 4 | 10 | 8 |
| Wind direction (deg) | 340 | 340 | 250 | 340 | 90 |
| Total cloud cover (octa) | 7 | 7 | 2 | 2 | 5 |

Light rainfall is forecasted in isolated places of the district by IMD & KAU. Irrigation can be given if necessary.

AGRO-METEOROLOGICAL ADVISORIES:

| Crop | Pest/ Disease | Advisories |
|--|---------------|---|
| General Advisories: As a precaution, use bio-pesticides to control the crop pests and diseases. | | |
| Banana | Mites | There is a chance of mites on the leaves of Banana. Spray 3 gram wettable sulphur per one litre of water on lower sides of the leaves. |
| Coconut | White fly | There is a chance of whitefly attack on coconut leaves during dry spell and they are controlled by beneficiary insects available in nature. If the whitefly attack is severe, spray 2% neem oil emulsion on the leaves. |
| | Sooty mould | There is a chance of sooty mould in coconut leaves during dry spell. Apply starch solution to control them. |
| Chilli | White fly | There is a chance of white fly attack in chilli. Apply 2% neem oil garlic emulsion or spray 20g Lecanicillium lecanii per one litre of water in ten days intervals. |
| Animal Husbandry | | Give 30g sodium bicarbonate with one tea spoon yeast mixed in feed to avoid indigestion and acidity. (CAADECCS, KVASU, Mannuthy) |