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Agromet Advisory Service Bulletin

(Issued jointly by AMFU Thrissur, India Meteorological Department and Department of Agriculture)



ERNAKULAM DISTRICT

AAS 18/2021, (36)Friday

30.04.2021

CURRENT SYNOPTIC SITUATION: A cyclonic circulation lies over south Tamilnadu & neighborhood and extends up to 1.5 km above mean sea level.

WEATHER FORECAST FOR THE NEXT FIVE DAYS:

| Weather parameters | 01.05.2021 | 02.05.2021 | 03.05.2021 | 04.05.2021 | 05.05.2021 |
|-------------------------------|------------|------------|------------|------------|------------|
| Rainfall (mm) | 4 | 0.5 | 2 | 5 | 5 |
| Maximum temperature(°C) | 33 | 33 | 33 | 33 | 33 |
| Minimum temperature (°C) | 26 | 26 | 26 | 26 | 26 |
| Maximum Relative Humidity (%) | 80 | 80 | 80 | 80 | 80 |
| Minimum Relative Humidity (%) | 65 | 65 | 65 | 65 | 65 |
| Wind speed (kmph) | 14 | 16 | 14 | 8 | 10 |
| Wind direction (deg) | 270 | 320 | 270 | 250 | 290 |
| Total cloud cover (octa) | 6 | 6 | 6 | 6 | 6 |

Light rainfall is forecasted in isolated places of the district by IMD & KAU. Above normal rainfall is expected in Kerala.

AGRO-METEOROLOGICAL ADVISORIES:

| Crop | Pest/ Disease | Advisories |
|--|------------------|--|
| General Advisories: Precaution should be taken during drying of agricultural products and spraying of pesticides. | | |
| Rice | - | Dry sown crop is starting, the land should be prepared well by through ploughing and levelling. Dress the seeds with pseudomonas before sowing. (10 gram of pseudomonas per one kg of paddy seeds.) |
| Coconut | Management | During the beginning of southwest monsoon season, one-kilogram lime can be applied per one matured palm by opening the coconut basin. |
| Banana | Sigatoka disease | There is a chance of sigatoka disease in banana. As a precaution, Spray 20 g Pseudomonas per one liter of water. Ensure drainage facilities in low land banana plantations. |
| Ginger, Turmeric | Planting time | While preparing land for ginger and turmeric cultivations apply 2 to 3 kg lime per cent. As a prophylactic measure against foot rot disease, the ginger and turmeric rhizome should be soaked in the 0.3 percent mancozeb or pseudomonas solution (3 gram per one liter of water) for 30 minutes. Moreover 90 kg FYM mixed with one kg Trichoderma and kept under shade for two weeks with sufficient moisture and can be applied. |
| Animal Husbandry | | Care should be taken to prevent rat breeding in the premises of cattle shed to prevent leptospyrosis. |