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Agromet Advisory Service Bulletin

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PALAKKAD DISTRICT

AAS 24/2019(47), Friday

14.06.2019

CURRENT SYNOPTIC SITUATION:

Southwest Monsoon has further advanced into some parts of Karnataka, Tamilnadu and parts of northeast India. The Very Severe Cyclonic Storm 'VAYU' (pronounced as VAA'YU) over northeast and adjoining eastcentral Arabian Sea moved westwards and lay centred at 0830 hours IST of today, the 14th June, 2019 near Lat. 21.0°N and Long. 68.3°E over northeast & adjoining eastcentral Arabian Sea, about 150 km west-southwest of Porbandar (Gujarat), 210 km west of Veraval (Gujarat) and 270 km west-northwest of Diu. The system is moving nearly west-northwestwards skirting the Saurashtra coast affecting Porbandar & Devbhoomi Dwarka with wind speed 50-60 kmph gusting to 70 kmph and Gir Somnath and Junagarh with wind speed 30-40 kmph gusting to 50 kmph. The wind speed over these districts is very likely to decrease gradually, as the system is moving away from the coast.

The offshore trough at mean sea level from Karnataka coast to Kerala coast now runs from Goa coast to north Kerala coast.

WEATHER FORECAST FOR THE NEXT FIVE DAYS:

| Weather parameters | 15.06.219 | 16.06.219 | 17.06.2019 | 18.06.2019 | 19.06.2019 |
|-------------------------------|-----------|-----------|------------|------------|------------|
| Rainfall (mm) | 10 | 8 | 12 | 12 | 20 |
| Maximum temperature (°C) | 30 | 30 | 30 | 30 | 30 |
| Minimum temperature (°C) | 25 | 25 | 25 | 25 | 25 |
| Maximum Relative Humidity (%) | 95 | 95 | 95 | 95 | 95 |
| Minimum Relative Humidity (%) | 75 | 75 | 75 | 75 | 75 |
| Wind speed (kmph) | 10 | 10 | 10 | 10 | 10 |
| Wind direction (deg) | 270 | 270 | 270 | 270 | 270 |
| Total cloud cover (octa) | 7 | 7 | 8 | 8 | 8 |

Moderate rainfall is forecasted in the district by IMD & KAU.

AGRO-METEOROLOGICAL ADVISORIES:

| Crop | Pest/ Disease | Advisories |
|------------------|---|--|
| Paddy | Land preparation to transplanting | Transplant seedlings at 4-5 leaf stage. Soak seed for 30 minutes in a solution of <i>Pseudomonas</i> culture @10g/litre per kg of seeds. The above seed treatment can also be used to control sheath blight, sheath rot, leaf spot disease etc. |
| Coconut | Bud rot | There is a chance of bud rot in rainy season. Keep three numbers each of perforated Mancozeb sachets (5 gm) around spindle leaves as a prophylactic measure against bud rot. |
| Pepper | Foot rot | There is a chance of foot rot disease due to high relative humidity. Add 2 kg Trichoderma to a mixture of 90 kg FYM and 10 kg Neemcake and kept for two weeks with sufficient moisture. Add 2.5 kg of this mixture to each matured vine to control foot rot of pepper. |
| Vegetables | Downy mildew | There is a chance of downy mildew attack in vegetables due to the onset of south west monsoon. Application of 2g m,curzate M-8 or Trichoderma 20g/litre under the leaves in 15 days interval is effective. |
| Animal Husbandry | Add disinfectant in the drinking water. (CAADECCS, KVASU, Mannuthy) | |