UNIVERSITY OF AGRICULTURAL SCIENCE, BENGALURU
GRAMIN KRISHI MAUSAM SEWA(GKMS)

AGROMET ADVISORY BULLETIN

Date: 02.02.2016

Issued jointly by, UAS, Bengaluru & Indian Meteorological Department

The forecast is valid for Kolar district

Weather forecast (Valid from 03rd to 07th February 2016)

Forecast summary:

No rain forecasted during next 5 days. The Maximum temperature ranges from 31.0-32.0°C and Minimum of 17.0-18.0°C. Relative humidity 64-69 % during morning hrs 45-51 % during noon is expected. Wind speed is expected to 2 km/hr.

Weather Based Agro Advisories

Crop information and Crop Stages of the major Kharif/Rabi crops

<table>
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<th>District</th>
<th>Kharif crops</th>
<th>Horticulture crops</th>
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<tbody>
<tr>
<td>Bangalore (U)</td>
<td>Groundnut</td>
<td>Redgram</td>
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Agromet Advisory:

Crop | Stage/ Condition | Pest and Disease | Agro advisories
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Redgram and Ragi | Advised for harvested crops winnowing, cleaning, drying and storage in dry gunny bag. Provide protective irrigation on rabi crops.

Mango

- Dry spell situation exists since one month, it is favorable for higher flowering and this weather also favorable for Powdery mildew diseases.
- Leaf hopper and Powdery mildew disease incidence is more during before flowering and immediately after fruit formation to manage spraying of Carbaryl, 50WP @4g/litre of water or Imidachlorprid @ 0.3ml/litre of water for management of leaf hopper.
- Spray Lambda Cyhalothrin 5EC@ 0.5 ml/litre of water or sulphur dust (SULTAF) 80 W @3g/litre of water against the Powdery mildew diseases.
- Incidence of Leaf hopper severe to spray Azadirachtin (10,000 PPM) @ 7.0 ml/litre of water.
- If Phaneroganic plants are growing on the mango tree to cut/prune out completely and apply Bordeaux paste or Copper oxy chloride that portion.
- Remove the weeds such as lantana which are growing under the mango tree.
- The shoots/branches touching ground may be thinned and ground clearance of the canopy main field to prevent the incidence of pests and disease.
- Destroy the termite mount and termite by drenching Chlorophyriphos @ 5-10 ml/
litre of water or Place 2 Aluminum phosphate /termite mount which has one meter circumstances and close all the holes with wet clay soil to avoid air entering into the mount.

Animal Husbandry

- Maintain the optimum room temperature in Sericulture, Poultry and Dairy unit.
- For milch animals regularly follow schedule of 1 kg feed + 50 g mineral mixture per 2 litres of milk yield. Feed animals with a mixture of green grass + hay + minerals + dry feed like a khichri.
- FMD Vaccination (CLOVAX or Raksha OVAC) in January.
- Before any vaccination deworming should be compulsory to get better results

Station Nodal Officer
Bengaluru