

**GRAMIN KRISHI MAUSAM SEWA****INDIAN METEOROLOGICAL DEPARTMENT**

Regional Research &amp; Technology Transfer Station, Ranital, Bhadrak, ODISHA – 756 111

(Orissa University of Agriculture &amp; Technology)

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**AGRO ADVISORY BULLETIN**

Tuesday/28.07.2020

**JAJPUR**

**Forecasting (Upto 31.07.2020):** According to IMD, Bhubaneswar, the sky will remain mostly cloudy on Wednesday and Sunday then partly cloudy for the whole week. Moderate rain is expected on Wednesday and Sunday and Light rain for Thursday and Saturday, No rain for Friday. Wind will blow from South-West on Friday and Southerly for rest of the days at a speed of 6 to 10 km/h. The maximum temperature will gradually decrease to 34<sup>0</sup>C from 36<sup>0</sup>C and the minimum temperature will gradually increase to 27<sup>0</sup>C till Saturday and then will drop to 26<sup>0</sup>C on Sunday. The maximum relative humidity will range from 87% to 74% while the minimum from 42% to 53% during this period.

**Agromet advisory**

<b>Kharif rice</b>	<ul style="list-style-type: none"><li>❖ As rainfall deficit situation persists in some blocks of the district, go for life saving irrigation to save rice nurseries.</li><li>❖ Do apply fertilizer in rice nurseries now.</li><li>❖ Wait for normal rain to continue further field operations in direct seeded rice rice.</li><li>❖ Prevailing high temperature condition may led to infestation of rice thrips in rice nursery. Apply Fipronil 5SC@2ml/l of water or Thiomethoxam@0.4g/litre of water.</li><li>❖ In direct seeded rice and rice nurseries, due to erratic rain weed infestation is now a major problem. To control the weeds at two to three leaf stage, spray Bispyribac sodium@20g a.i. ha<sup>-1</sup> in 500 litres of water.</li><li>❖ Granular insecticide like Cartap hydrochloride (4G) may be applied @ 1000 grams/10 decimal nursery area or Carbofuran 1200 gram or Fipronil@800gram, seven days before uprooting of seedlings. Otherwise seedling root dip with 10% Chloropyriphos solution is to be done before transplanting to check insect attack.</li><li>❖ If infestation of seedling blast is noticed, apply 120gm Tricyclozol 75% W.P. and for Bacterial Blight apply 500g Copper Oxichloride 50% W. P. with 200g Plantomycin in 200 liter of water per acre.</li></ul>
<b>Sugarcane</b>	<ul style="list-style-type: none"><li>• Wrapping and propping should be done when the crop becomes 4-5 months old in medium and late duration varieties.</li><li>• To minimize infestation of top shoot borer, spray Fipronil 5Sc@2ml/l or Lamba cyhalothrin 4.9CS @1ml/litre of water</li></ul>
<b>Vegetables</b>	<ul style="list-style-type: none"><li>❖ To prevent epilachna beetle in Brinjal, Cucumber, Bitter guard apply 400 ml Profenophous in 200 liter water per acre.</li><li>❖ In recent rain deficit condition make necessary irrigation to Brinjal, Chilly, Ridge Goard, Snake Goard, Long Beans crops.</li></ul>
<b>Coconut</b>	<ul style="list-style-type: none"><li>❖ Utilizing recent rain, it is the right time for weeding and cleaning of the base of plants now. Apply 1 kg Urea, 2 kg SSP and 2 kg MOP alongwith 5 kg Neem cake per plant by making a ring around the plant.</li></ul>
<b>Mango</b>	<ul style="list-style-type: none"><li>• July and August are ideal time of planting.</li><li>• Suitable varieties are Amrapalli, Dusseheri, Chousa, Baganpalli, Totapuri,</li></ul>

	<p>Bombay green, Suvarnarekha, Himsagar, etc.</p> <ul style="list-style-type: none"><li>• Seedling should be planted in pits at a distance of 10m X 10m. The pit size is 1m X 1m X 1m.</li><li>• One year old healthy grafted plant should be preferred. At the time of planting two basket compost, 80 g N, 100 g P<sub>2</sub>O<sub>5</sub> and 60 g K<sub>2</sub>O fertilizer should be applied..</li></ul>
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**Due to Covid-19 pandemic situation, farmers while conducting agricultural operations, should use mask or handkerchief to cover their mouth & nose and maintain social distancing.**

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Nodal Officer & Assoc. Director of Research**