



GRAMIN KRISHI MAUSAM SEWA

INDIAN METEOROLOGICAL DEPARTMENT

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

(Orissa University of Agriculture & Technology)

Letter No. 61(3) /RRTTSR Dt.28.07.2020

Bulletin No.61/20

AGRO ADVISORY BULLETIN

Tuesday/28.07.2020

Weather Condition During Last Week at Ranital (22.07.2020 –28.07.2020)

Rainfall (mm)	21.3 mm
Maximum temperature (⁰ C)	31.0-36.0
Minimum temperature (⁰ C)	22.0-25.0
Cloud cover	Overcast sky on Friday Partly cloudy on Wednesday and Thursday Clear on Tuesday but Mainly cloudy on other days.

BHADRAK

Forecasting (Upto 31.07.2020): According to IMD, Bhubaneswar, the sky will remain Mostly cloudy on Wednesday Partly Cloudy for the rest of the week. Moderate rain is expected for Wednesday, Light rain for Thursday & Very Light for Sunday, and Friday and Saturday will be the dry day. Wind will blow from South on Wednesday, Thursday & Sunday and from South-West on Friday and Saturday at a speed of 08 to 13 Km/hr. The maximum temperature will decline to 34⁰C on Sunday. The minimum temperature will gradually increase from 25⁰C to 27⁰C. The maximum relative humidity will range from 73% to 85% while the minimum from 43% to 52% during this period.

Agromet advisory

Kharif rice	<ul style="list-style-type: none"> ❖ As rainfall deficit situation persists in most of the blocks of the district, go for life saving irrigation to save rice nurseries. ❖ Do apply fertilizer in rice nurseries now. ❖ Wait for normal rain to continue further field operations in direct seeded rice rice. ❖ 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. ❖ 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⁻¹ in 500 litres of water. ❖ 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. ❖ If infestation of seedling blast is noticed, apply 120gm Tricyclozol 75% W.P. and for Bacterial Blight apply 500g Cupper Oxichloride 50% W. P. with 200g Plantomycin in 200 liter of water per acre.
Sugarcane	<ul style="list-style-type: none"> • Wrapping and propping should be done when the crop becomes 4-5 months old in medium and late duration varieties. • To minimize infestation of top shoot borer, spray Fipronil 5Sc@2ml/l or Lamba cyhalothrin 4.9CS @1ml/litre of water
Jute	<p>Early vegetative stage</p> <ul style="list-style-type: none"> • Current rainy weather is favorable for attack of Bihari hair caterpillar and

	other foliage feeders. To control these insects, spray Lambda cyhalothrin 4.9CS @1ml/litre of water
Vegetables	<ul style="list-style-type: none"> ❖ To prevent epilachna beetle in Brinjal, Cucumber, Bitter guard apply 400 ml Profenophous in 200 liter water per acre. ❖ In recent rain deficit condition aake necessary irrigation to Brinjal, Chilly, Ridge Goard, Snake Goard, Long Beans crops.
Coconut	<ul style="list-style-type: none"> ❖ 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.
Mango	<ul style="list-style-type: none"> • July and August are ideal time of planting. • Suitable varieties are Amrapalli, Dusseheri, Chousa, Baganpalli, Totapuri, Bombay green, Suvarnarekha, Himsagar, etc. • Seedling should be planted in pits at a distance of 10m X 10m. The pit size is 1m X 1m X 1m. • One year old healthy grafted plant should be preferred. At the time of planting two basket compost, 80 g N, 100 g P₂O₅ and 60 g K₂O fertilizer should be applied..

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.

Sd/-

Nodal Officer & Assoc. Director of Research