



NATIONAL CENTRE FOR MEDIUM RANGE WEATHER FORECASTING
Integrated Agromet Advisory Service, North Eastern Coastal Plain Zone
Regional Research & Technology Transfer Station, Ranital, Bhadrak, ODISHA – 756 111
(Orissa University of Agriculture & Technology)
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AGRO ADVISORY BULLETIN

Tuesday/11.06.2019

Weather Condition During Last Week at Ranital (05.06.2019 –11.06.2019)

Rainfall (mm)	22.4 mm
Maximum temperature (⁰ C)	30.5-38.0
Minimum temperature (⁰ C)	22.5-29.0
Cloud cover	Partly cloudy sky on Thursday & Friday but mainly clear on other days

BHADRAK

Forecasting (Upto 16.06.2019): According to IMD, Bhubaneswar, the sky will remain partly cloudy. Light rainfall is expected after Tuesday. Wind will blow from Southwest at a speed of 12 to 22 Km/hr. The maximum temperature will rise to 40⁰C on Wednesday but gradually decline to 37⁰C afterwards. The minimum temperature will vary between 26⁰C to 28⁰C. The maximum relative humidity will gradually decline from 62% to 46% while the minimum will range from 19% to 31% during this period.

Agromet advisory

Blockwise rainfall (05.06.2019 to 11.06.2019)

Block	CWR
Bhadrak	26.8
Bhandaripokhari	18.0
Basudevpur	5.0
Bonth	27.0
Chandbali	3.2
Dhamnagar	33.0
Tihidi	5.0

- ❖ The extended range forecast for the period from 31.05.2019 to 13.06.2019 reveals below normal rainfall in Odisha state.
- ❖ The arrival of monsoon is being delayed in Odisha. The cumulative weekly rainfall (CWR) recorded in each block is insufficient and there is forecast of light rain till Sunday, the farmers are advised not to go for dry sowing of direct seeded paddy now and wait for pre monsoon showers of rain. When the cumulative rainfall of pre monsoon rain is 80mm, go for sowing of direct seeded paddy.

Green manuring	<ul style="list-style-type: none">❖ In medium and low land, Dhaincha seeds @25kg/ha should be broadcasted as a pre <i>kharif</i> green manuring crop.❖ In uplands, sow Cowpea@25kg/ha or Guar@40kg/ha.❖ Apply all phosphatic fertilizers of <i>Kharif</i> rice to these green manuring crops in advance.
Kharif rice	Collection of seeds : The suitable varieties of different maturity are: a. Early varieties - Jogesh, Siddant, Hazaridhan, Mandakini, Jyotirmayee, Virendra, Sahabthagidhan b. Medium varieties - Bina 11, Pratibha, Pratikshya, CR 1075, Manaswini, Hiranmayee, Tapaswini, Konark, Surendra, Kharavela, Naveen, Lalat, Abhisek, MTU 1001, Nua Acharmati c. Late varieties - Varshadhan, Ranidhan, Swarna sub 1, CR Dhan 801, Pooja, Mrunalini, Tanmayee, RGL-2837, Moti, Ketakijoha, Padmini, Kanchana, Mahanadi, Jagabandhu, Hanseswari, Upahar

	<p>d. Hybrid varieties (Medium duration): CR Dhan 701, NK 5251, JKRH 401, Ajay,Rajalaxmi, Arize 6444G</p> <p>Swarna sub-1 (145 days), CR 1009 sub-1 (155 days) and Bina 11 (120 days) suitable for flash flood areas.</p> <p>Variety tolerant to both submergence & drought: CR Dhan 801</p>
Sugarcane	<ul style="list-style-type: none"> • Due to ensuing heat wave condition, provide trash mulching to reduce moisture loss due to evaporation • To minimize infestation of top shoot borer, spray Lamba cyhalothrin @2ml/litre of water
Jute	Early vegetative stage
	<ul style="list-style-type: none"> • Recent rain & forecasted rain will aggravate weed problem in early sown crop. To control grass weeds, apply Quizalofop-p-ethyl@2ml/litre of water at 2-3 leaf stage of weeds.
Vegetables	<p>➤ Fruit and shoot borer in Brinjal- Spray Neem based pesticide 1500ppm@600ml/acre at initial stages. Later on go for alternate spray of Spinosad 45%SC@70ml/acre and Thiodicarb@300g/acre at 15 days interval</p>
Coconut	<p>➤ As rain is expected with onset of monsoon, 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.</p>
Pisciculture	<ul style="list-style-type: none"> • Harvest all the cultured fish from the pond and drain out water from it for complete drying. In perennial ponds where water draining is impossible, apply Mahua Oil Cake 1.0 t/acre to kill all the predatory and weed fishes. • Strengthen the embankments of the ponds.

Sd/-

Nodal Officer & Assoc. Director of Research