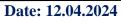


Gramin Krishi Mausam Sewa India Meteorological Department Orissa University of Agriculture and Technology RRTTS, Chiplima, Sambalpur

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West Central Table Land Zone

Jharsuguda

According to medium range weather forecast of IMD, MC, Bhubaneswar, there is very less chance of occurrence of rainfall in upcoming days but very light rain in one or two places may be occurred at first day of upcoming week. Mainly clear to generally cloudy sky is during that period. The maximum and minimum temperature is likely to be ranges between 31-42°C and 22-25°C respectively during this week. The maximum and minimum relative humidity may vary between 33-50% and 18-25% respectively. The SW/SE wind with a speed of 7-10 km/hr is predicted during upcoming days.

Date	13-04-2024	14-04-2024	15-04-2024	16-04-2024	17-04-2024
Rainfall (mm)	2	0	0	0	0
Max Temperature (° C)	31	35	38	40	42
Min Temperature (°C)	22	22	23	23	25
Total cloud cover (okta)	6	3	2	1	1
Max Relative Humidity (%)	50	46	39	33	35
Min Relative Humidity (%)	25	23	22	21	18
Wind speed (km/h)	9	10	8	7	7
Wind direction (deg)	202	252	245	165	120

For further information, contact the IMD, Bhubaneswar, Tel. # 0674-2596116

General Advisory

- There is a chance of increase in temperature after one day, so farmer should take precaution accordingly.
- Apply light and frequent irrigation to the standing crops, increase the frequency of irrigation at critical growth stages, irrigate only during the evening or early morning and use sprinkler irrigation if possible.
- Mulching should be done with crop residue, straw / polythene to conserve soil moisture as well as maintain soil temperature.
- Avoid grazing of animal during noon hours in open place because there is a chance of increase in maximum temperature in upcoming days.
- Past weather condition is favourable for increasing the population of various insects and diseases in both field as well as vegetable crops so its regular monitoring should be advised.

Cropand livestock Specific Agromet Advisory					
Name of the crop	Crop Stage	Agromet Advisories			
Rice	Panicle initiation / 50% flowering	 Farmers are advised to maintain adequate moisture in paddy field at this stage and apply final top dressing of nitrogen fertilizer after draining out excess water from field. To control yellow stem borer, spraying of Chlorantraniliprole 18.5% SC @ 0.3ml or Fipronil 5% @ 2.5ml per liter of water should be advised under clear sky. For BLB control, farmer should spray Plantomycin @ 1g/liter of water using 200 liters of water per acre or Streptocycline (150 mg) + Copper oxychloride 1g/liter of water twice at an interval of 8 days. 			
Green Gram (Summer)	flowering / Pod formation stage	 Looking to the previous rainfall condition, farmers are advised to drain out excess water from crop field. To control aphids attack in pulse crop, spraying of imidacloroprid @ 0.3 ml or Thiamethoxam @ 0.3 g per liter of water should be advised under clear weather. 			

	Ms. Jubuli Sahı	u	Dr. Sanjukta Mohapatra
Cow/Buffalo	from heat, farm water to the a mixture and sal animals in shac roof with stray extreme heat c	mers should mak nimal along with It because temper de and don't mak w, paint it white	temperature in upcoming week so to protect the animative provision to provide fresh clean and cold drinkin h green grass, protein-fat bypass supplement, minerative is expected to be increased after some days. Keeke them work between 11 am to 4 pm. Cover the sheete or plaster with dung-mud to reduce temperature. I water and take the animal to a water body to cool off hours.
Vegetable crops	stages • • • • • • • • • • • • • • • • • • •	0.4 g/L) and for (2 g/ L) should Spraying of Pl. Mango with per Farmers should should be at lea Water logged of proper drainage Looking to the drain out excer condition whice To control leaf in Tomato , B 0.4 g per liter of Spraying of Te water should be and in case of Thiamethoxam	L) or Chloropyriphos (0.5 ml/L) or Thiomethoxam (0.3 or powdery mildew disease, spraying of soluble sulphu d be advised under clear weather condition. lanofix @ 1ml /4.5 liters of water should be advised a ea size fruit stage to reduce fruit drops. dn't apply hormone and insecticide at same time. Ther east one week gap between their applications. condition should be avoided in Mango orchard, for thi ge of excess water from field should be recommended. ne previous rainfall condition, farmers are advised to ess water from vegetable field to avoid water logge ch may leads to root rot and fruit rot diseases. f eating caterpillar and fruit borer / shoot and fruit bore brinjal and Okra spraying of Emamectin Benzoate @ of water should be advised under clear weather. ebuconazole 50% + Trifloxystrobin 25% @ 0.4g per lite be advised to control purple blotch disease in Onion f thrips attack, spraying of imidacloroprid @ 0.3 ml on m @ 0.3 g per liter of water or Acetamiprid 20% SP @ of water should be advised.
Groundnut Mango	stage Peak flowering/ Peg and Pod formation Fruiting •	Profenophos 5 Benzoate @ 0.4 Application of flowering stag occurrence of calcium is pick To control mar	em borer in Maize field, spraying of Fipronil 5% SC o 50% EC @ 2ml and for fall army worm, Emamectic 4 g per liter of water should be advised. If Gypsum @ 200 kg per acre should be advised a ge on soil surface near to the base of the plant after f rainfall under adequate moisture condition so that ked up by the peg and the developing pods ungo hopper in Mango tree, spraying of insecticides lik
Maize	• Vegetative/ Tasseling	0.3ml or Eman liter of water sh Farmers should soil moisture co	r attack, spraying of Chlorantraniliprole 18.5% SC @ amectin Benzoate @ 0.4 g or Prophenofos @ 2ml pe should be advised when sky is clear. Id apply top dressing of nitrogen fertilizer under prope condition at this stage.

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GKMS, RRTTS, Chiplima

Dr. Sanjukta Mohapatra ADR cum Nodal Officer RRTTS, Chiplima For better agricultural benefits, use OUAT KALINGA products (Seedling, Sapling & QPM, Tissue Culture Plants, Fruits and Vegetables, Value Added Products, Fingerling/Yearlings, Poultry chicks, Breeds, Mushroom & Spawn, Bio-Fertilizer, Bio-Pesticides, Vermi & Vermicompost and Farm Implements.)

IMD Weather forecast and Agro-meteorological advisory of Odisha location is now available on **MEGHDOOT mobile app** (<u>https://play.gooogle.com/store/apps/details?id=com.aas.meghdoot</u>) in both English and Odia languages and farmers can also use **DAMINI mobile app** (<u>https://play.google.com/store/apps/details?id=com.lightening.live.damini</u>) for thunderstorm and lightning information.