



**GRAMIN KRISHI MAUSAM SEWA
INDIA METEOROLOGICAL DEPARTMENT
ODISHA UNIVERSITY OF AGRICULTURE & TECHNOLOGY
Mahisapat, Dhenkanal- 759013**



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Week No.-29

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(FRIDAY)

DISTRICT: DHENKANAL (Mid-central Table Land Zone)

Weather condition during last week (12.07.2025 to 18.07.2025)

Rainfall (mm)	68.0
Maximum Temperature (°C)	27.4-35.2
Minimum Temperature (°C)	24.9-27.6

Forecast (Up to 23.07.2025) given by Met. Centre, IMD, Bhubaneswar

Date	Rainfall (mm)	T-MAX (°C)	T-MIN (°C)	Cloud Cover	RH Max (%)	RH Min (%)	Wind Speed (kmph)	Wind Direction (deg)
19-07-2025	3	33	26	4	90	56	3	166
20-07-2025	5	33	26	4	90	56	2	191
21-07-2025	5	34	26	4	87	57	2	127
22-07-2025	4	34	27	4	86	57	2	108
23-07-2025	5	34	27	5	88	59	4	294

Weather Summary:

According to the IMD forecast, Dhenkanal district is likely to receive light rainfall for the next 5 days. The sky is expected to be partly to generally cloudy. Wind speeds are anticipated to 02-04 km/h. Maximum and minimum temperatures will be between 33-34°C and 26-27°C respectively. Maximum relative humidity is predicted to be between 86% to 90% and minimum relative humidity ranging from 56% to 59% during this period.

YELLOW WARNING:- (BE AWARE)

Thunderstorm with lightning with gusty surface wind speed reaching 30-40 kmph very likely to occur at one or two places over the district of Dhenkanal on 19th -23th July.

EXTENDED RANGE FORECAST FOR THE NEXT 2 WEEKS:

Week 1 (18th July 2025 to 24th July 2025) - Widespread to fairly widespread rain/thundershower is very likely over districts of Odisha with Light to moderate rainfall with isolated heavy to very heavy rainfall is very likely over the state of Odisha.

Week 2 (25th July 2025 to 31st July 2025) - Widespread to fairly widespread rain/thundershower is very likely over districts of Odisha with Light to moderate rainfall with isolated heavy to very heavy rainfall is very likely over the state of Odisha. Also overall rainfall activity likely to be slightly above normal over the districts of Odisha.

Agromet Advisory

General Advisory:

- ❖ Farmers are advised to go for sowing of Groundnut, Sesame, Green gram, Black gram, Cowpea and Finger millet.
- ❖ Keeping in view to light rainfall forecast, farmers are advised to continue agriculture operation accordingly.
- ❖ Go for transplanting of Paddy without any delay as fair amount rainfall is received due to active monsoon.

Crop	Stage	Crop and Livestock specific Advisory
PADDY	Seedling	<ul style="list-style-type: none"> Transplanting of 20-25days old seedlings should be done at a spacing of 20x15 cm, plant 2-3 seedlings per hill for high yielding varieties. To control weed infestation in Paddy field use pre-emergence herbicide

		<p>Pretilachlor 37 % EW @ 600ml/acre or Oxadiargyl 80%W. P @ 50g/acre or Pyrazosulfuron Ethyl 10% W.P @ 80g/acre at 1-3 DAT.</p> <ul style="list-style-type: none"> • Spray the herbicide by mixing it in 200 litres of water per acre or mix the herbicide with 20 kg of sand and broadcast it uniformly.
SUGARCA NE	Formative stage	<ul style="list-style-type: none"> • In medium and long duration sugarcane varieties, wrapping and propping should be done in 4-5 months old crop to keep the cane erect. • Remove the borer affected tillers and late formed tillers, tie the cane shoot with two or three together with partially dried lower leaves.
FINGER MILLET	Nursery	<ul style="list-style-type: none"> • Before sowing of finger millet, apply 2 tonne of well decomposed FYM per acre during final land preparation. • For unirrigated land apply 17 kg DAP, 14 kg UREA, 13 kg MOP per acre and for irrigated land apply 26 kg DAP, 21 kg Urea, 15 kg MOP per acre at the time of sowing or transplanting.
SESAME	Sowing	<ul style="list-style-type: none"> • Now the weather is optimum for sowing of Sesame. Use 1 to 1.2 kg seeds /acre. • Before sowing treat the seeds with 3 g Ceresan/kg seeds. • Apply 6:8:8 kg NPK/acre during final land preparation. Sow the seeds in lines at 30 cm apart with 10 cm between plants.
GROUNDNUT	Sowing	<ul style="list-style-type: none"> • To prevent White grub pest apply Chlorpyriphos dust @12-10 kg/acre at last ploughing or apply this dust above seeds after sowing and then cover it by soil. • Instead of this farmers can also go for seed treatment with Chlorpyriphos @ 12 ml/kg of seed or Imidacloprid @ 2 ml/kg of seed. • Collect and kill the adults by inserting light trap @ 4-5/acre during evening 7 to 10. Adults can be collected from nearest host plant like ber,neem,jamun. • FYM pit should not be dug near the field.
PAPAYA	Planting	<ul style="list-style-type: none"> • Now the weather is optimum for planting of Papaya. • HYV for papaya are Honeydew, Coorg honey dew, CO-1, CO-2, Pusa delicious, Pusa majesty and Pusa giant. • Plant the seedling at 2.5 x 2.5 meter distance and 0.5 x 0.5 x 0.5 meter pit. Disease resistance and Tissue culture seedling should be use.
MANGO	Planting	<ul style="list-style-type: none"> • July and August is the optimum for mango planting. • Grow Baiganpalli, Totapuri, Bombay green, Suvarnarekha, Neelam, Himsagar,, Langra, Dusheri, Amrapalli, Mallika, Ratna, Ramkella, Rummani, Sindhu, Alphanso and Keshar, etc. Use healthy unbranched grafted seedlings. • Plant the seedlings in 1x1x1 m pit at 10x10 m distance. Before planting apply 80:100:60 g of NPK and two baskets of compost/pit.
BRINJAL	Nursery stage	<ul style="list-style-type: none"> • After cessation of rain, to control damping off disease of Brinjal seedlings in the nursery, there should be proper drainage system. • Seed treatment should be done with Trichodermaasperellum @ 4 gm per kg of seeds or Pseudomonas fluorescens @ 10 gm / kg of seed 24 hours before sowing of seeds. • Drench the bed soil with solution of 20 gm Metalaxyl and Mancozeb in 10-litre water.
SWEET POTATO	Planting	<ul style="list-style-type: none"> • Now it is best time for planting of Sweet potato. For Odisha condition, some improved varieties are Gouri, Bhuban Sankha, Pusa safed, Samrat. • Plant 100-150 gram healthy seed at 60cm x 25cm distance.
LIVESTOCK		<ul style="list-style-type: none"> • Keep the cattle shed clean during rainy season to prevent ectoparasites like ticks and lice. • Provide adequate drainage to prevent waterlogging and spread of diseases. • Regular monitor for signs of common rainy season diseases like foot rot, diarrhea and

	respiratory problems.
POULTRY	<ul style="list-style-type: none"> • During rainy season provide proper drainage around the poultry house to prevent waterlogging and mosquito breeding. • Regular monitor poultry birds for signs of illness and common rainy season diseases like coccidiosis.
GOAT	<ul style="list-style-type: none"> • Deworming is to be done after onset, in middle and at the end of rainy season. • Vaccinate the goat against Pestidespetits Ruminants (PPR) disease and after 1 month, vaccinate against Enterotoxaemia (ET) disease. • Goats are suffered hoof problem during rainy season. Cleaning the hooves with lime twice a week can reduce the problem of hoof ulcers.

Approved by ADR cum Nodal Officer

GKMS-AMFU, RRTTS

Mahisapat, Dhenkanal

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