



GRAMIN KRISHI MAUSAM SEWA
India Meteorological Department
Orissa University of Agriculture and Technology
Regional Research & Technology Transfer Station (RRTTS)
Bhawanipatna, Kalahandi – 766001
(Western Undulating Agroclimatic Zone)



Bulletin No.104/2025 **WEEK NO. 52** **Tuesday/Dt.30.12.2025**

Weather Conditions recorded in last week at AMFU Bhawanipatna:

Cumulative Rainfall (mm) and rainy day (w.e.f. 01.01.2025)	1292.7/79
Weekly Rainfall (mm) and rainy days	00/00
Mean weekly maximum temperature (°C)	27.5
Mean weekly minimum temperature (°C)	9.7

Weather Forecast for Next Five Days:

DISTRICT	Date	Rainfall (mm)	T-MAX (°C)	T-MIN (°C)	Cloud Cover	Rh Max (%)	Rh Min (%)	Wind speed (kmph)	Wind Direction (deg)
KALAHANDI	31-12-2025	0	28	9	3	69	21	4	174
	01-01-2026	0	29	9	2	74	21	5	176
	02-01-2026	0	29	10	2	77	22	5	172
	03-01-2026	0	29	10	1	79	23	4	154
	04-01-2026	0.1	29	10	1	76	27	5	159

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

Weather Summary/Alert for next five days:

According to the above five days forecast received from IMD, dry weather likely to prevail over the district during next five days. Sky is expected to remain mainly clear during the period and wind may blow from Southerly direction with the speed of 04 - 05 km/hr. The maximum and minimum temperature may remain 28 - 29 °C and 09 - 10 °C respectively. Maximum RH is expected to vary between 69 – 79 % and minimum RH between 21 – 27 %.

Warning: Nil (Valid up to IST 0830 hrs of tomorrow)

Agromet – Advisory Bulletin for Kalahandi District

General Advisory:

- Dry weather is likely to prevail over the district during the next five days. So, farmers are advised to undertake agricultural operations as per requirement.
- Maintain field sanitation and remove infested plant parts. Maintain optimum soil moisture through light and frequent irrigation to avoid flower drop.
- Avoid excess irrigation during cold mornings and evenings to prevent cold injury to crops.
- Cover newly transplanted vegetable seedlings with straw or polythene sheets during night hours to protect them from low temperature stress.
- Encourage natural enemies and avoid indiscriminate pesticide application. Chemical control may be adopted only if pest incidence crosses ETL.
- Install yellow sticky traps @ 8 nos./acre for early detection of sucking pests.

SMS Advisory	<ul style="list-style-type: none"> ▪ Apply 44 kg of DAP and 22 kg of MOP per acre as basal dose at the time of final puddling in paddy .
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Crop and Livestock Specific Advisory

Crop (Stage)	Advisory
Field Crops	
Paddy (Sowing)	<p style="color: red; margin: 0;">Direct Seeded Rice:</p> <ul style="list-style-type: none"> ▪ Complete the sowing of pre-germinated treated seeds in puddled soil by broadcasting or drum seeder and maintain a thin film of water for proper establishment and early growth of seedlings. ▪ Nutrient Management: Apply 44 kg of DAP and 22 kg of MOP per acre as basal dose at the time of puddling. ▪ Weed Management: Spray Pyrazosulfuron-ethyl 10%WP (Sathi) @ 80g/acre at 3-5 days after sowing (DAS) in 130 litres of water when there is thin film of soil moisture or broadcast ready mix Bensulfuron methyl + Pretilachlor granular herbicide mixed with 4 kg of sand. <p style="color: red; margin: 0;">Transplanted Rice:</p> <ul style="list-style-type: none"> ▪ Prepare the main field for timely transplanting. Apply DAP 44 kg + MOP 22 kg per acre



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	<p>as basal dose during final puddling. Transplant 3–4-week-old seedlings in well puddled soil at a spacing of 15 cm × 15 cm with 3-4 seedlings per hill at shallow depth.</p> <ul style="list-style-type: none"> In bacterial blight endemic areas, dip the seedling roots in 0.1% Plantomycin solution before transplanting for 30 minutes.
Greengram/Blackgram (Vegetative)	<p>Weed Management:</p> <ul style="list-style-type: none"> Apply Quizalofop-ethyl 5% EC or Imazethapyr 10 SL @ 300 ml/acre mixed with 200 liters of water at 20-25 DAS. <p>Pest Management:</p> <ul style="list-style-type: none"> Leaf eating caterpillar: The insects usually feed on the tender young leaves. Spray Profenophos 50 EC 400ml per acre mixed with 200 liters of water for its control. Aphid and Whitefly: Prevailing weather condition is favorable for incidence of sucking pest like aphid and white fly. Install yellow sticky traps @ 8nos/acre at vegetative stage to monitor pest population and apply neem oil-based pesticide Azadiractin 0.03% (300 ppm) @ 5ml/ltr of water at initial stage of infestation.
Arhar (Maturity to Harvest)	<ul style="list-style-type: none"> Suitable time for harvesting when 2/3rd to 3/4th of the pods have changed to brown colour. Harvested plant should be left in the field for sun drying for 3-5 days. Threshing may be done either by beating the pods with stick or by using Pullman thresher. The clean seed should be sun dried for 3-4 days to bring the moisture content at 9-10% for safe and longer storage.
Groundnut (Vegetative)	<p>Pest Management: Prevailing weather condition favours the development of sucking pest like aphid, jassids and whitefly. Install yellow sticky trap @ 8nos/acre to monitor the pest population. Apply Neem oil-based pesticide Azadiractin 0.03% (300 ppm) @ 5ml/ltr of water at initial stage of infestation.</p>
Horticulture	
Onion (Vegetative)	<ul style="list-style-type: none"> Irrigate the crop at a regular interval. Undertake hoeing, weeding and 1st top dressing @ 45 kg urea/acre at 4-week stage of the crop followed by irrigation.
Tomato (Vegetative to Flowering)	<p>Nutrient Management:</p> <ul style="list-style-type: none"> Complete hoeing, weeding and apply 27 kg urea at six-week stage followed by irrigation <p>Pest Management:</p> <ul style="list-style-type: none"> Wilting: In view of high humid condition wilting may occur at this stage. Spray Mancozeb 75% WP @ 2g/ltr of water if symptom is noticed. Fruit & Shoot borer: Install pheromone trap @ 8nos/acre to monitor pest population.
Cauliflower & Cabbage (Vegetative to Fruiting)	<p>Nutrient Management:</p> <ul style="list-style-type: none"> At three-week stage, undertake hoeing, weeding and apply Urea @ 55kg/ac followed by irrigation. Go for hoeing, weeding and apply 27 kg urea + 25kg MOP at six-to-seven-week stage followed by irrigation. <p>Pest Management:</p> <ul style="list-style-type: none"> Dimond back moth: Spray Fipronil 5% SC @ 2ml/ltr or Chlorpyrifos 20% EC @ 4ml/ltr of water as control measure. Tobacco leaf eating caterpillar: Spray Cyantraniliprole 10.26% OD @ 6ml/5 ltr of water to control pest population. Cabbage Aphid: Spray Thiamethoxam 25% WG @ 2g/5ltr of water as control measure.
Chilli (Vegetative to Fruiting)	<p>Pest Management:</p> <p>Thrips: Prevailing weather condition is favorable for thrips attack. Install Blue Sticky Trap @ 8nos/acre to control and monitor pest population. Apply neem-based pesticide</p>



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	Azadiractin 1500 ppm @ 3ml/liter of water at initial stage of infestation. To control chemically apply 3 g Acetamiprid 15% SP or 4 ml Imidacloprid 17.8% SL mixed with 15 liters of water.
Livestock	
Cattle & Buffalo	<ul style="list-style-type: none"> ▪ Provide proper shelter to protect animals from chill wind, fog, and low night temperatures. Close open sides of sheds using gunny bags during night hours. ▪ Ensure dry bedding using paddy straw to prevent cold stress and diseases. ▪ Increase energy-rich feed in the ration by supplementing grains, oil cakes, or concentrates to meet higher energy requirements during winter.
Goat & Sheep	<ul style="list-style-type: none"> ▪ Protect young calves and kids with proper bedding and if required, gunny cloth coverings during night. ▪ Regularly deworm animals and monitor for symptoms of respiratory diseases like cough, nasal discharge or fever. ▪ Avoid grazing during early morning and late evening hours when temperature is very low.
Poultry	<ul style="list-style-type: none"> ▪ Protect poultry birds from cold winds by covering sides of poultry sheds with curtains or polythene sheets, ensuring proper ventilation during daytime. ▪ Provide dry litter material and maintain litter thickness to keep birds warm and prevent moisture accumulation. ▪ Ensure adequate brooding temperature for chicks and avoid overcrowding. ▪ Increase feed quantity slightly, as birds require more energy to maintain body temperature during winter.

Nodal Officer
GKMS, RRTTS, Bhawanipatna

N.B.: - Kindly download and use the “MAUSAM” App for location-specific forecast and warning, “Meghdoot” App for Agromet advisory and “Damini” App for Lightning warning. For better agricultural benefits use, **OUAT KALINGA** products (Seedlings, Saplings & QPM, Tissue Culture Plants, Fruits & Vegetables, Value Added Products, Fingerlings/ 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 in English and Odia language. Download: (Android: <https://play.google.com/store/apps/details?id=com.aas.meghdoot>), (iOS: <https://apps.apple.com/in/app/meghdoot/id1474048155>)