



GRAMIN KRISHI MAUSAM SEWA
INDIA METEOROLOGICAL DEPARTMENT
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Week No.-42

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(FRIDAY)

DISTRICT: DHENKANAL (Mid-central Table Land Zone)

Weather condition during last week (11.10.2025 to 17.10.2025)

Rainfall (mm)	4.8
Maximum Temperature (°C)	32.1-33.8
Minimum Temperature (°C)	21.6-24.3

Forecast (Up to 22.10.2025) 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)
18-10-2025	0	31	23	2	87	47	3	330
19-10-2025	1	31	23	2	93	56	3	326
20-10-2025	3	31	23	4	95	57	2	334
21-10-2025	5	31	22	5	95	58	3	326
22-10-2025	1	30	22	2	94	53	3	337

Weather Summary:

According to the IMD forecast, Dhenkanal district is likely to receive no rainfall for Tomorrow and then very light to light rainfall for the next 4days. The sky is expected to be mainly clear to generally cloudy. Wind speeds are anticipated to 02-03 km/h. Maximum and minimum temperatures will be between 30-31°C and 22-23°C respectively. Maximum relative humidity is predicted to be between 87% to 95% and minimum relative humidity ranging from 47% to 58% during this period.

WARNING:- Nil

Agromet Advisory

General Advisory:

- ❖ Now the weather is optimum for nursery sowing of Cauliflower, Cabbage, Knolkhol, Carrot and Radish.
- ❖ After harvesting Arhar, Groundnut and Sesame dry the seeds until the optimum moisture content is attained. Clean the entire surface where the storage is to be done.
- ❖ Continue sowing, intercultural operation and application of fertilizer, pesticides.
- ❖ Grow short duration pre-rabi crops like Amaranthus, Ragi, Horse gram, Green gram, Black gram, Cowpea, Sweet potato and Sesame in upland/medium lands utilizing the available soil moisture in the field.

Crop	Stage	Crop and Livestock specific Advisory
PADDY	Flowering stage	<ul style="list-style-type: none"> • Prevailing dry weather may lead to Stem Borer infestation in Paddy. To manage this pest, Install solar light trap @ 2/ acre. Release <i>Trichogramma japonicum</i> card @ 2/acre at weekly interval from 30 DAP upto 6 weeks or broadcast granular insecticide Chlorantraniliprole 0.4 % GR @ 4-kg/acre or Cartap hydrochloride 4G @ 8-kg acre by mixing it with sand at 1:1 ratio or spray Chlorantraniliprole 18.5 % SC @ 60-ml/acre or Indoxacarb 15.8% EC @ 400 ml/acre.
SUGARCANE	Grand growth stage	<ul style="list-style-type: none"> • Present dry weather may favour Pyrilla and Mealy Bug infestation in sugarcane crop. To control this pest, spray Imidacloprid 17.8 % SL @ 60-ml/acre or Thiamethoxam 25 % WG @ 40-gram/acre or Profenophos 50 % EC @ 400-ml/acre by mixing it in 200 litre of water.

SESAME	Capsule formation stage	<ul style="list-style-type: none"> To control Hawk moth or Dead head moth in Sesame, first manually collect and destroy the caterpillars. Then spray Profenophos 50% EC @ 400ml/acre with 200 litre of water.
GROUNTNUT	Harvesting stage	<ul style="list-style-type: none"> Harvest the groundnut crop without delay at maturity. At the time of harvest, the moisture content of seeds is 40 to 50 percent. Therefore, after drying for a few days, the moisture content is kept at 10 percent. Avoid heaping the product in the field itself. Store pods in air tight plastic bags to protect them from insect attack. In case of gunny bags, go for spraying of gunny bags with Deltamethrin 2.5% SC @ 7.5 ml or Spinosad 45% SC @ 5 ml per 15 liters of water. Farmers can also keep Aluminium phosphide tablet pouch in the warehouse where necessary. You can also add dry neem leaves, begonia leaves or edible oil to the groundnut bag.
TOMATO	Nursery/ Seedling stage	<ul style="list-style-type: none"> The Tomato seedlings become ready for transplanting after 25-30 days of sowing. In the evening of one day before uprooting seedlings for transplanting, drench the nursery bed soil with a solution made of 20-gram Carbendazim and 1-gram Streptocycline dissolved in 10-litre of water. In case of farmers buying seedlings directly Seedling root treatment should be done by dipping the root zone for 30-minutes in the solution made of Copper Oxychloride 50% WP @ 2 gram and Plantomycin@ 1-gram mixed in 1-litre of water. By adopting this method, the risk of wilt is minimized in the newly transplanted seedlings in the initial period of growth as it confers resistance against the wilt disease.
BRINJAL	Fruiting stage	<ul style="list-style-type: none"> Deficit rainfall may cause Epilachna beetle infestation in Brinjal. To manage these pests at early stage, spray 2-3 times neem-based pesticide (Neem Oil 1500 PPM @600 ml/200 litre of water at an interval of 7days.To manage chemically, spray Chlorantraniliprole 18.5%SC @ 120ml/acre or Thiachloprid21.7% SC @ 130 ml/acre with 200 litre of water.
PAPAYA	Fruiting stage	<ul style="list-style-type: none"> Present dry weather may increase infestation of Mealy bug in Papaya. To manage at early stage of infestation spray neem-based pesticide (Neem Oil 1500 PPM @30- ml/10-litre of water or insecticidal soap. In case of severe infestation spray Profenophos 50 % EC @ 20-ml/10-litre of water or Thiamethoxam 25 % WG @ 3-gram/10-litre of water.
COLE CROPS	Nursery stage	<ul style="list-style-type: none"> To prevent damping off disease in nursery, treat 1-kg of seeds with 2-gram Carbendazim 50% WP or 3g Carboxin 37.5%+ Thiram 37.5% D.S before sowing. After sowing drench, the bed soil with 2 g Carbendazim mixed in litre of water.
COW & BUFFALO		<ul style="list-style-type: none"> To prevent FMD in Cattles, primary vaccination should be given to cattle and buffalo calves when they are 4–5 months old and repeat the same in every six month. Deworming should be advised. Mouth and feet of the affected animals should be washed with 1% potassium permanganate (KMnO4) antiseptic mouth wash3-4 times a day. Glycerin may be applied over the lesions. Isolate the affected animals from healthy animals. Antibiotic treatment and consultation should be made with qualified veterinary Doctor.

Approved by ADR cum Nodal Officer
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