



**Gramin Krishi Mausam Sewa**  
**India Meteorological Department**  
**Odisha University of Agriculture and Technology**  
**Bhubaneswar -751 003**

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Nodal Officer

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**District – Nayagarh (East and South-Eastern Coastal Plain Agroclimatic Zone)**

The mean maximum daily temperature was 32.7°C and mean minimum daily temperature was 20.3°C of the Nayagarh district during the last week. The district received 36.4 mm rainfall during the last seven days. Transplanting of summer paddy is almost completed. Sowing of summer pulses, oilseed and vegetables are also under progress. Harvesting of rabi crops like Mustard, Groundnut, Mung, Biri and Kulthi are nearly completed. Crop coverage till date is 98 % of the total programme area. Overall crop condition is Normal.

Forecast (Up to 31.03.2024)

Given by Met. Centre, IMD, Bhubaneswar

**DISTRICT: NAYAGARH** – As per the forecast received from IMD, dry weather may prevail over the district of Nayagarh for the next five days except very light rainfall on Sunday. The sky condition may remain clear to generally cloudy for the next five days. In the next 5 days, the wind speed will remain within 08-09 km/h. The daily maximum and minimum temperature are likely to remain 38-39°C and 23-24°C respectively for next five days.

DISTRICT	NAYAGARH				
Date	27/03/2024	28/03/2024	29/03/2024	30/03/2024	31/03/2024
Rainfall (mm)	0	0	0	0	2
T-MAX (C )	38	38	39	39	39
T-MIN (C )	23	23	24	24	24
Cloud Cover	0	0	0	0	6
Rh Max (%)	60	64	60	65	60
Rh Min (%)	22	18	16	19	23
Wind speed (kmph)	8	9	9	9	9
Wind Direction (deg)	198	198	198	180	207

For further information, contact the Met. Centre, Aerodrom Area, IMD, Bhubaneswar, Tel. # 0674-2596116.

**Agromet Advisory**

- ❖ In case of brown spot incidence in the paddy field, apply Carbendazim 12% + Mancozeb 63% WP @ 300g/acre in 200 litres of water or Propiconazole @ 200 ml/ acre in 200 litres of water.
- ❖ Pointed gourd is at flowering and fruiting stage. Don't go for weeding. Grasses and weeds will help in maintaining the humidity and it is safe for creeping of the vines and does not allow the fruit to come in contact with soil and avoid fruit rot.
- ❖ After harvesting of onion, cut the tops leaving 2.0-2.5 cm above bulb. The harvested bulb should be dried in well ventilated concrete floored room. Well dried bulbs can be stored for longer period.
- ❖ For long term storage of chilli, first pick the ripened chilli fruits from plants and shade dry for 3 to 4 days. In this process we can get uniform colour fruits. Again, sundry the fruits for 3 to 4 days and reduce 10% of moisture content from it. Store it in a gunny bag without any contact to wall and floor.
- ❖ Summer sunflower crop is at pre -flowering stage. Spray 2-3 g Borax per litre water.
- ❖ Monitor the emergence of Tobacco Caterpillar adult moths by setting up Pheromone traps having Spodolure @ 6-8 nos/acre in green gram and black gram.
- ❖ To prevent whitefly infestation in okra seeds should be treated with Imidacloprid @ 7-gram/kg of seeds before sowing. Install 8-10 nos of yellow sticky traps starting from 2-3 leaf stage of the crop.

**PADDY (Summer): Yellow stem borer management**- Due to rise in temperature there are chances of increase in stem borer infestation in paddy crop. To manage Yellow Stem Borer in paddy spray Fipronil 5%SC @ 400ml/acre or Flubendiamide 20% WG @ 50g/acre or Chlorantraniliprole 18.5% SC @ 60ml /acre or Chromafenozide 80%WP @ 50g/acre.

**Blast Disease Management** - To manage blast disease spray Hexaconazole 5 % SC @ 400-ml/acre or Azoxystrobin 18.2% + Difenoconazole 11.4 % S.C @ 200-ml/acre or Tebuconazole 50%+ Trifloxystrobin 25 % WG @ 80-gram/acre.

**BLACK GRAM & GREEN GRAM: Tobacco Caterpillar Management** -Check the migration of caterpillars by dusting with Chlorpyrifos 1.5 % D @ 10 kg around the field. For chemical control spray Novaluron 5.25 % + Indoxacarb 4.25 % @ 400-ml/acre or Lambda Cyhalothrin 4.9 CS @ 300 ml or Flubendiamide 20 % WG @ 120 gram. For spraying of insecticides 200 litre of water per acre is required.

**SUGARCANE: Early Shoot Borer** -In case of severe infestation spray Fipronil 5 % SC @ 600ml/acre or Profenophos 50% EC @ 400ml/acre or Chlorantraniliprole 18.5 % SC @ 150-ml/acre by mixing it in 200-litre of water.

**BRINJAL: Brinjal shoot and fruit borer** -To manage this insect, install 20 nos. of pheromone trap having Leucin Lure per acre. During primary stage of pest infestation spray neem-based pesticide (Azadirachtin) 1500 PPM @ 600-ml/acre by mixing in 200-litre of water. Go for chemical control if there is 4% withering of terminal shoot or 14% fruits infested with borers. For chemical control spray Spinosad 45 % SC @ 75-ml/acre or Emamectin Benzoate 5% SG @ 80-gram/ acre or Chlorantraniliprole 18.5 % SC @80-ml/acre or Spinetoram 11.7 % SC @ 200-ml /acre. Do not repeat the same insecticide. Use any of the above insecticides alternately at 15-days interval.

**OKRA: Yellow mosaic viral disease (YMV)** - To manage this disease whitefly management should be done. Diseased plants should be rogued out to prevent further spread of the disease. To manage whitefly infestation at early stage of crop spray Neem based pesticide 1500 PPM @ 600-ml/acre by mixing in 200-litre of water. If the infestation is severe than go for chemical pesticide like Thiamethoxam @ 40- gram/acre or Acetamiprid @ 50-gram/acre by mixing in 200-litre of water.

**MANGO: Mango hopper** -To control mango hoppers spray Imidacloprid 17.8% SL @ 5 ml/15 litre of water or Thiamethoxam 25% W.G @ 3ml/15litre of water or Acetamiprid 20% S.P. @ 4g /15litre of water. Application of smoke below the plants can also help in reducing the pest population.

**PRINCIPAL NODAL OFFICER**

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