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Nodal Officer

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

| Past Week Weather in Kendrapara (08/10/2025 to 14/10/2025) |                          |               |
|--|--------------------------|---------------|
| Maximum Temperature (°C)                                   | Minimum Temperature (°C) | Rainfall (mm) |
| 31.3   | 23.6                     | 37            |

**Crop Condition:**

- Early duration kharif rice is in flowering stage. Medium and late duration paddy is at tillering to PI stage.
- Top dressing of fertilizer in paddy is going on. Harvesting of maize crop has started. Sugarcane is at grand growth stage. Overall crop condition is Normal.

**Weather Forecast for Kendrapara from 15-10-2025 to 19-10-2025 (Given by Met. Centre, IMD, Bhubaneswar)**

| Weather Parameters                     | Day-1                             | Day-2                             | Day-3                             | Day-4                                 | Day-5                                  |
|--|-----------------------------------|-----------------------------------|-----------------------------------|---------------------------------------|--|
| <b>Rainfall &amp; Sky Condition</b>    |                                   |                                   |                                   |                                       |  |
|  | Light rain with Partly cloudy sky | Light rain with Partly cloudy sky | Light rain with Partly cloudy sky | Very light rain with mainly clear sky | Very light rain with Partly cloudy sky |
| <b>Maximum Temperature (°C)</b>        | 32                                | 32                                | 32                                | 31                                    | 31                                     |
| <b>Minimum Temperature (°C)</b>        | 23                                | 23                                | 23                                | 23                                    | 22                                     |
| <b>Morning Relative Humidity (%)</b>   | 82                                | 85                                | 88                                | 87                                    | 86                                     |
| <b>Afternoon Relative Humidity (%)</b> | 55                                | 54                                | 64                                | 67                                    | 67                                     |
| <b>Wind Speed (Km/h)</b>               | 8                                 | 7                                 | 6                                 | 6                                     | 4                                      |
| <b>Wind Direction</b>                  | 90                                | 353                               | 351                               | 347                                   | 340                                    |

As per the forecast received from IMD, the district of Kendrapara may likely to receive verylight to light rainfall for the next five days. The sky condition may remain mainly clear to partly cloudy until Sunday. In the next five days, the wind may blow at 04-08 km/h. The daily maximum and minimum temperatures will likely remain 31-32°C and 22-23°C, respectively.

**Agromet Advisory**

- ❖ As per the district level weather forecast issued by IMD, the district of Kendrapara may likely to receive very light to light rainfall for the next five days.
- ❖ Keep your crop field free from weed to minimize the incidence of diseases and pests.
- ❖ Maintain about 5-10cm standing water during panicle initiation to flowering stage.
- ❖ Install yellow sticky trap @ 8nos./acre to monitor sucking pests like aphid, jassids, whitefly and mealy bug.
- ❖ Do proper field surveillance for pests and diseases regularly and take appropriate plant protection measures accordingly.
- ❖ If the Poultry bird is 3-4 weeks old then go for Vaccination against Ranikhet disease.
- ❖ There are chances of incidence of both fungal and bacterial diseases like leaf blight, wilt, and rot in different standing crops. To manage these diseases, spray (Metalaxy1+ Mancozeb) 2-gram/litre of water or (Carbendazim+ Mancozeb) 2-gram/litre of water along with Plantomycin @ 1-gram/ litre of water in clear weather.

## General Advisory

| Crop                             | Stage                                     | Advisory  |
|----------------------------------|---|---|
| <b>PADDY</b>                     | Panicle Initiation / flowering            | <ul style="list-style-type: none"> <li>❖ <b><u>Gundi Bug Management</u></b><br/>To manage Gundi Bug spray Chlorpyrifos 20% EC @ 400- ml/ acre or Malathion 50 % EC @ 400- ml/ acre by mixing in 200-litre of water. Dusting of Chlorpyrifos 1.5 % D @ 10-kg/acre or Malathion 5 % D.P @ 10 kg/acre should be done uniformly during morning hours, when there is no or minimum wind.</li> <li>❖ <b><u>Sheath rot Management</u></b><br/>To manage this disease spray Carbendazim 50% WP @ 400- gram/acre or Propiconazole 25% EC @ 200-ml/acre or Iprodione 25% + Carbendazim 25% WP @ 500-gram/acre by mixing in 200-litre of water.</li> </ul> |
| <b>BLACK GRAM AND GREEN GRAM</b> | Reproductive stage - Pod initiation stage | <ul style="list-style-type: none"> <li>❖ <b><u>Powdery mildew disease management</u></b><br/>Small patches of white powder coating initially develop on both surfaces of older leaves. The diseased areas turn brown and dry leading to premature defoliation and death. Treat the seeds with Carbendazim @ 2 gram/ kg of seeds. For biological control spray Trichoderma viridae 5 % L @ 1 ml/lit of water. After receding of rain for chemical control spray Triadimefon 25% WP @ 200 g or Sulphur 80% powder @ 800-1000 gram or Penconazole 10% EC @100ml by mixing with 200 liters of water for 1 acre area.</li> </ul>                     |
| <b>SUGARCANE</b>                 | Grand growth stage                        | <ul style="list-style-type: none"> <li>❖ <b><u>Internode borer management</u></b><br/>To manage the pest biological use Trichogramma chilonis card @ 1/acre at weekly interval for 6 times by splitting each card into 12 pieces at the given perforations. To manage the pest chemically, spray Fipronil @ 600-ml /acre or Profenophos @ 400-ml/acre or Chlorantraniliprole 18.5% S.C @ 80-ml/acre or Chlorantraniliprole 0.4 GR @ 4 kg/acre by mixing in 200-litre of water. Instead of this you can also apply Chlorantraniliprole 0.4 GR @ 4kg/acre by mixing with 8 kg of sand.</li> </ul>   |
| <b>COLE CROPS</b>                | Nursery                                   | <ul style="list-style-type: none"> <li>❖ <b><u>Damping off</u></b><br/>After receding of rain to prevent damping off disease in nursery, treat 1-kg of seeds with 2-gram Carbendazim 50% WP or 3-gram Carboxin 37.5%+ Thiram 37.5% D.S before sowing. After sowing drench, the bed soil with 2-gram Carbendazim mixed in 1- litre of water.</li> </ul>  |
| <b>OKRA</b>                      | Fruiting                                  | <ul style="list-style-type: none"> <li>❖ <b><u>Yellow vein mosaic disease</u></b><br/>To manage the vectors of <b>Yellow vein mosaic disease</b> in Okra, install 8-10 Nos of Yellow sticky traps starting from 10-12 DAS. Spray neem-based pesticide (Neem Oil 1500 PPM @600-ml/acre by mixing it in 200-litre of water starting from 15-DAS. In case of severe infestation spray Thiamethoxam 25 % WG @ 40-gram/acre or Acetamiprid 20 % SP @ 50-gram/acre by mixing it in 200-litre of water.</li> </ul>   |
| <b>PAPAYA</b>                    | Fruiting                                  | <ul style="list-style-type: none"> <li>❖ Present weather may increase infestation of <b>Mealy bug</b> 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.</li> </ul>   |
| <b>BANANA</b>                    | Vegetative - Fruiting                     | <ul style="list-style-type: none"> <li>❖ <b><u>Sigatoka leaf spot:</u></b><br/>To manage Sigatoka leaf spot and Cigar end rot or Tip rot spray Mancozeb 75% WP @ 3g/liter of water.</li> </ul>  |
| <b>MARIGOLD &amp; ROSE</b>       | Flowering stage                           | <ul style="list-style-type: none"> <li>❖ To manage Red Spider Mites in flower like Marigold and rose spray wettable sulphur 80 % WP (Sulfex/Balwan/Sulfadex) @ 2-gram/litre of water or Propargite 57 % EC (Omite/Mitekill/Super Dynamite) @ 2-ml/litre of water or Fenpyroximate 5 % EC (Seagate/Mitigate/Formite) @ 2-ml/litre of water.</li> </ul>   |
| <b>ANIMAL HUSBANDRY</b>          |   | <ul style="list-style-type: none"> <li>❖ <b><u>Manage infestation in Goats</u></b><br/>Mange is a contagious skin disease of goats which is caused by five types of mites. Scabs from the infected animals is the source of infestation of this disease. To get rid of this disease, it is necessary to kill all the mites from the body. For this, 1% Assuntol or Malathion is sprayed all over the body. Isolation of infected animals from healthy animals can minimize the spreading of infection.</li> </ul>   |
| <b>PISCICULTURE</b>              |   | <ul style="list-style-type: none"> <li>❖ <b><u>Fish lice treatment</u></b><br/>Some fish become infected with lice. In this disease, small lices are attached to the fish body. The fishes show erratic swimming, and some wounds are appeared. If the wound lasts longer it leads to ulceration and it affect the growth of fish. For treatment Biogulus can be given in feed @5ml/kg feed for one week and 500ml/week in pond water.</li> </ul>   |

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