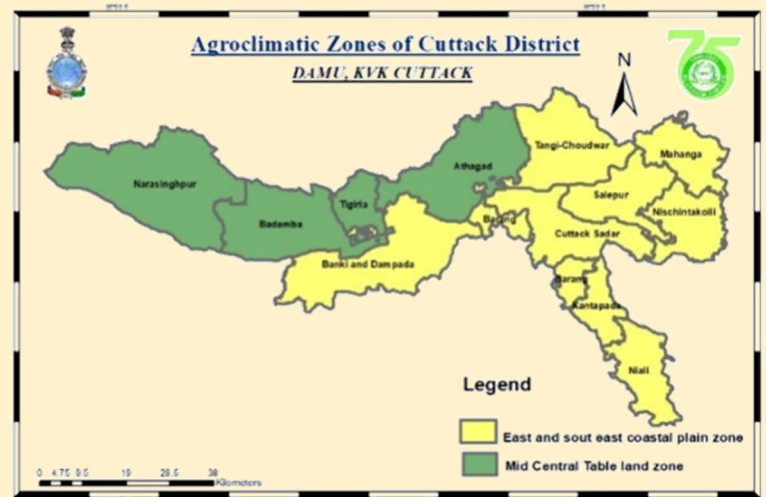




Cuttack District Block Wise Agro-met Advisory Service Bulletin

*Tuesday, 04th March, 2025
 (For the period 04th to 08th March,
 2025)*

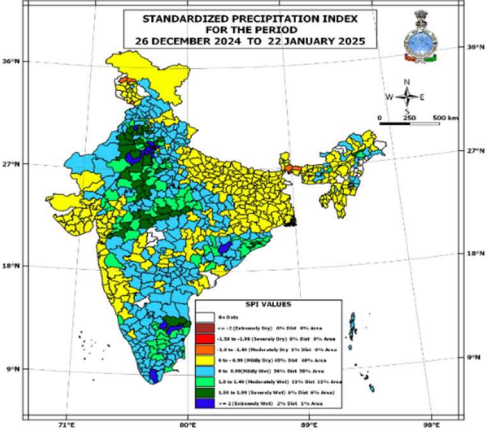



*Issued by
 District Agromet Unit,
 KrishiVigyan Kendra Cuttack*





STANDARD PRECIPITATION INDEX AND NDVI MAP

Standard Precipitation Index (SPI)	Normalized difference vegetation Index (NDVI)
<div style="text-align: center;"> <p>MINISTRY OF EARTH SCIENCES INDIA METEOROLOGICAL DEPARTMENT HYDROMET SECTION, CRS PUNE</p> <p>STANDARDIZED PRECIPITATION INDEX FOR THE PERIOD 26 DECEMBER 2024 TO 22 JANUARY 2025</p>  </div>	<div style="text-align: center;"> <p>NOAA/VIIRS/BLENDED NDVI Composite ending on Week no 8 (19.02.2025 to 25.02.2025) over Agricultural region</p> <p>Odisha</p>  </div> <p style="text-align: center;">Agriculture vigour is good at isolated places of the state.</p>
<p><i>As per SPI value (cumulative 4weeks -26 December, 2024 to 22 January, 2025), moderately wet condition was there in Cuttack district.</i></p>	<p><i>According to NDVI map (19.02.2025 to 25.02.2025) the agriculture vigor was light to moderate over most places of Cuttack district.</i></p>

LEGEND (Medium range block level rainfall forecast)		
	No Rainfall	00 mm
	Very light rainfall	01-05 mm
	Light rainfall	06-10 mm
	Light to moderate rainfall	11-30 mm
	Moderate to heavy rainfall	31-65 mm
	Heavy to very heavy rainfall	66-115 mm
	Extremely heavy rainfall	>116 mm

DrRanjan Kumar Mohanta
 (Nodal officer)

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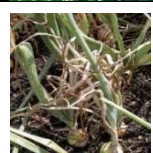


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Bulletin No.-557
Date- 04/03/2025

Weather (Past and Forecasted) based Disease and pest in Major Crops and vegetables

Sl No	Crop	Stage and condition of the crop	Anticipated Disease and pest	
1	Pulses (Green gram and black gram)	Flowering to pod development		Pod borer
				YMV
2	Mustard	Flowering to maturity		Saw Fly
				Leaf webber
3	Rabi Groundnut	Flowering to maturity		Spodotera/Tobacco caterpillar
				Red hairy caterpillar
6	Tomato	Flowering to Fruting		Bacterial Canker
				Sun burn
				Flower drop
				Bacterial wilt
8	Onion	Flowering		Purple blight
				Stemphyllium Blight



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Bulletin No.-557
Date- 04/03/2025

9	Cucurbits	Flowering to Fruiting stage		Whitefly
				Late blight
				Tender fruit drop
10	Mango	Flowering to fruiting		Mango fruit drop
				Thrips
11	Cashew	Flowering to fruiting		Tea mosquito bug



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Bulletin No.-557
Date- 04/03/2025

AGROMET ADVISORY BULLETIN FOR ATHAGAD

District Past week average weather condition and Block past week average Rainfall condition

The block received average 00 mm and district received average 00 mm rainfall during the last week. The mean daily maximum and minimum temperature was 32.66°C (-1.25) and 20.28°C (+0.83), respectively. The mean relative humidity was 57-81%.

Forecasted period: Today(8.30IST) to 09th March (8.30IST)2025

Weather advisory: *Dry weather is forecasted for next 5days in the block.* The day temperature will be 33-35°C and night temperature will be 19-22°C for upcoming 5 days. Maximum and minimum relative humidity will be 45-98% and 05-13% respectively. **There will be clear sky for next 5days.**

Block	Athagad (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	04/03/2025	05/03/2025	06/03/2025	07/03/2025	08/03/2025
Rainfall (mm)	00	00	00	00	00
T-Max (°C)	34	35	33	33	34
T-Min (°C)	22	20	19	20	22
Cloud Cover (octa)	1	0	0	0	0
RH Max (%)	93	45	90	96	98
RH Min (%)	10	13	5	9	13
Wind Speed (kmph)	10	10	7	7	11
Wind Direction (deg)	203	330	338	135	171

Agromet Advisory

General advisory: Looking to the increasing rate of temperature and dry weather farmers are advised to irrigate their crop field as per requirement and farmers should cover the soil with white mulch/polythene to conserve the soil moisture.

Pulses:

November to December sown crop is at pod formation to seed development (nine to twelve week) stage. **Flowering and pod development stage is sensitive to moisture stress; carry out irrigation as per the status of soil moisture.** In case of **YMV infestation** uproots and destroys the infected plant and spray imidacloprid 50ml/acre mixing with 200 lit of water. For **pod borer infestation**, farmers are advised to keep keen watch over the crops and adopt integrated pest management practices like light trap, pheromone trap etc. For initial control. If necessary spray insecticides like Aciphate WP @ 250 g/ha (250 ml/ha) or Polytrin C @ 1 liter/ha.

Rabi-Groundnut: Do not disturb the soil after flower initiation in groundnut. Do irrigation in the field based upon soil moisture. **Increase in temperature** may enhance **red hairy caterpillar and tobacco caterpillar** infestation in groundnut; to control, spray Profenophos 50% EC @ 2 ml/litre of water or Flubendiamide 480 SC @ 0.2 ml/litre of water.

Mustard: Rainfed mustard sown during October is at maturity stage. Harvest the mustard crop as soon as the pods turn yellowish-brown.

present weather may favour the infestation of **saw fly, leaf Webber**. To control saw fly, spray 400ml Endosulphan/acre, to control leaf webber spray 200 ml Ithofenprox or Deltamethrin per acre in 200 liter water.

Vegetables:

Tomato: Transplanted seedlings are at 6-8 week stage in main field. **Due to water stress, deficiency of boron due to hormonal disbalance flower drop occurs.** Control: Apply timely and required amount of irrigation. Spray Boron 20% 2 gram/lit during early flowering and 15 days later. Due to increase in temperature there may be chances of **bacterial canker and Sun burn** disease in tomato at fruiting stage. To control bacterial canker Farmers should spray Copper oxychloride 50% WP @ 3 g + Plantomycin @ 1 g/litre of water. They should use shade net to protect the crop from sun burn. **Bacterial wilt** may be reported in tomato field, to control it drenching with copper oxychloride @ 3g+ plantomycin @1 g/ litre of water.

Potato: The main crop is ready for harvest within 75-85 days of planting depending upon the soil type and variety sown in our climatic condition of odisha. The crop is ready to harvest when majority of the leaves turn yellowish brown. Irrigation should be stopped 15 days before harvesting. Keep the harvested tubers in shed for 24 hours. All damaged and rotten tubers should be removed.

Onion: Do inter culture and hand weeding may be carried out at 45-50 DAT and application of 30-kg of urea and 15-kg of MOP fertilizer should be done at this stage. Onion being a shallow rooted crop, **needs frequent light irrigation to maintain optimum soil moisture for proper growth and bulb development.** There are chances of **purple blotch and Stemphyllium blight** disease incidence in onion crop. To manage purple blotch and Stemphyllium leaf blight disease in onion spray Mancozeb 75% WP @ 600gram/acre or Difenoconazole 25% E.C @ 200ml/acre or Tebuconazole 25.9% E.C @ 100ml/acre by mixing in 200 litre of water at 15 days interval.

Cucurbits: **Tender fruit dropping** (due to fungal attack or borer attack). To control late blight Spray during afternoon hours with Mancozeb 75% WP@ 2.5g per liter of water. For fruit dropping apply DiethaneM45@2.5g/liter of water and Propenophos@1..5ml/liter of water. **White fly:** Spray any of the pesticide 70% Imidacloprid 5 gram or Diafenthiuron 12.5 gram per 15 lit of water. There are chances of infestation of

Fruits: Mango: To prevent **fruit drop and increase fruit size of mango** spray planofix/thaitoazole @ 3ml/15liter of water along with compound micro nutrient @ 45gm/15liter of water. For **thrips** control, spraying of Acephate @1.5 g /litre of water is advocated.

Cashew: Prevailing conditions are suitable for the incidence of Tea mosquito bug. Farmers are advised to go for spraying of Neem oil @ 5ml/L + Monocrotophos @ 1.6ml/L at new blush stage and Chlorpyriqos @ 2ml/L at flowering stage. If inflorescence have flourished stop spraying of any insecticides. Hormones like NAA @ 2 ppm can be sprayed. FYM @25 kg per tree can be applied.

Mushroom: Initiate cultivation of paddy straw mushroom. As hot weather condition is prevailed in Cuttack district, Spray water if the mushrooms are at fruiting stage. Cover the Mushroom unit with water soaked Gunny bags to maintain the inside temperature.

Animal husbandry: As temperature is slightly increasing hence, apply need based minerals along with feed. Provide sufficient clean drinking water to animals and birds. Don't allow them graze during noon hours.



DrRanjan Kumar Mohanta
 (Nodal officer)

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Bulletin No.-557
Date- 04/03/2025

AGROMET ADVISORY BULLETIN FOR BADAMBA

District Past week average weather condition and Block past week average Rainfall condition

The block received average 00 mm and district received average 00 mm rainfall during the last week. The mean daily maximum and minimum temperature was 32.66°C (-1.25) and 20.28°C (+0.83), respectively. The mean relative humidity was 57-81%.

Forecasted period: Today(8.30IST) to 09th March (8.30IST)2025

Weather advisory: Dry weather is forecasted for next 5 days in the block. The day temperature will be 33-35°C and night temperature will be 18-21°C for upcoming 5 days. Maximum and minimum relative humidity will be 26-97% and 05-12% respectively. There will be clear sky for next 5 days.

Block	Badamba (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	04/03/2025	05/03/2025	06/03/2025	07/03/2025	08/03/2025
Rainfall(mm)	00	00	00	00	00
T-Max(°C)	34	35	33	34	35
T-Min(°C)	20	19	18	19	21
Cloud Cover(octa)	1	0	0	0	0
RH Max (%)	93	26	85	94	97
RH Min (%)	10	12	5	7	11
Wind Speed (Kmph)	10	10	7	6	10
Wind Direction (deg)	162	315	338	338	171

Agromet Advisory

General advisory: Looking to the increasing rate of temperature and dry weather farmers are advised to irrigate their crop field as per requirement and farmers should cover the soil with white mulch/polythene to conserve the soil moisture.

Pulses:

November to December sown crop is at pod formation to seed development (nine to twelve week) stage. Flowering and pod development stage is sensitive to moisture stress; carry out irrigation as per the status of soil moisture. In case of YMV infestation uproots and destroys the infected plant and spray imidacloprid 50ml/acre mixing with 200 lit of water. For pod borer infestation, farmers are advised to keep keen watch over the crops and adopt integrated pest management practices like light trap, pheromone trap etc. For initial control. If necessary spray insecticides like Aciphate WP @ 250 g/ha (250 ml/ha) or Polytrin C @ 1 liter/ha.

Rabi-Groundnut: Do not disturb the soil after flower initiation in groundnut. Do irrigation in the field based upon soil moisture. Increase in temperature may enhance red hairy caterpillar and tobacco caterpillar infestation in groundnut; to control, spray Profenophos 50% EC @ 2 ml/litre of water or Flubendiamide 480 SC @ 0.2 ml/litre of water.

Mustard: Rainfed mustard sown during October is at maturity stage. Harvest the mustard crop as soon as the pods turn yellowish-brown. present weather may favour the infestation of saw fly, leaf Webber. To control saw fly, spray 400ml Endosulphan/acre, to control leaf webber spray 200 ml Ithofenprox or Deltamethrin per acre in 200 liter water.

Vegetables:

Tomato: Transplanted seedlings are at 6-8 week stage in main field. Due to water stress, deficiency of boron or due to hormonal imbalance flower drop occurs. Control: Apply timely and required amount of irrigation. Spray Boron 20% 2 gram/lit during early flowering and 15 days later. Due to increase in temperature there may be chances of bacterial canker and Sun burn disease in tomato at fruiting stage. To control bacterial canker Farmers should spray Copper oxychloride 50% WP @ 3 g + Plantomycin @ 1 g/litre of water. They should use shade net to protect the crop from sun burn. Bacterial wilt may be reported in tomato field, to control it drenching with copper oxychloride @ 3g+ plantomycin @1 g/ litre of water.

Potato: The main crop is ready for harvest within 75-85 days of planting depending upon the soil type and variety sown in our climatic condition of odisha. The crop is ready to harvest when majority of the leaves turn yellowish brown. Irrigation should be stopped 15 days before harvesting. Keep the harvested tubers in shed for 24 hours. All damaged and rotten tubers should be removed.

Onion: Do inter culture and hand weeding may be carried out at 45-50 DAT and application of 30-kg of urea and 15-kg of MOP fertilizer should be done at this stage. Onion being a shallow rooted crop, needs frequent light irrigation to maintain optimum soil moisture for proper growth and bulb development. There are chances of purple blotch and Stemphyllium blight disease incidence in onion crop. To manage purple blotch and Stemphyllium leaf blight disease in onion spray Mancozeb 75% WP @ 600gram/acre or Difenconazole 25% E.C @ 200ml/acre or Tebuconazole 25.9% E.C @ 100ml/acre by mixing in 200 litre of water at 15 days interval.

Cucutbits: Tender fruit dropping (due to fungal attack or borer attack). To control late blight Spray during afternoon hours with Mancozeb 75% WP@ 2.5g per liter of water. For fruit dropping apply DiethaneM45@2.5g/liter of water and Propenophos@1.5ml/liter of water. **White fly:** Spray any of the pesticide 70% Imidacloprid 5 gram or Diafenthiuron 12.5 gram per 15 lit of water. There are chances of infestation of

Fruits: Mango: To prevent fruit drop and increase fruit size of mango spray planofix/thaitoazole @ 3ml/15liter of water along with compound micro nutrient @ 45gm/15liter of water. For thrips control, spraying of Acephate @1.5 g /litre of water is advocated.

Cashew: Prevailing conditions are suitable for the incidence of Tea mosquito bug. Farmers are advised to go for spraying of Neem oil @ 5ml/L + Monocrotophos @ 1.6ml/L at new blush stage and Chlorpyriqos @ 2ml/L at flowering stage. If inflorescence have flourished stop spraying of any insecticides. Hormones like NAA @ 2 ppm can be sprayed. FYM @25 kg per tree can be applied.

Mushroom: Initiate cultivation of paddy straw mushroom. As hot weather condition is prevailed in Cuttack district, Spray water if the mushrooms are at fruiting stage. Cover the Mushroom unit with water soaked Gunny bags to maintain the inside temperature.

Animal husbandry: As temperature is slightly increasing hence, apply need based minerals along with feed. Provide sufficient clean drinking water to animals and birds. Don't allow them graze during noon hours.



DrRanjan Kumar Mohanta
 (Nodal officer)

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Bulletin No.-557
Date- 04/03/2025

AGROMET ADVISORY BULLETIN FOR BANKI

District Past week average weather condition

The district received average 00 mm rainfall during the last week. The mean daily maximum and minimum temperature was 32.66°C (-1.25) and 20.28°C (+0.83), respectively. The mean relative humidity was 57-81%.

Forecasted period: Today(8.30IST) to 09th March (8.30IST)2025

Weather advisory; Dry weather is forecasted for next 5 days in the block. The day temperature will be 34-36°C and night temperature will be 18-21°C for upcoming 5 days. Maximum and minimum relative humidity will be 44-97% and 05-14% respectively. **There will be clear sky for next 5 days.**

Block	Banki (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	04/03/2025	05/03/2025	06/03/2025	07/03/2025	08/03/2025
Rainfall(mm)	00	00	00	00	00
T-Max(°C)	35	36	34	34	34
T-Min(°C)	21	20	18	20	21
Cloud Cover(octa)	1	0	0	0	0
RH Max (%)	93	44	91	96	97
RH Min (%)	9	12	5	8	14
Wind Speed (Kmph)	10	10	7	7	12
Wind Direction (deg)	162	297	334	169	180

Agromet Advisory

General advisory: Looking to the increasing rate of temperature and dry weather farmers are advised to irrigate their crop field as per requirement and farmers should cover the soil with white mulch/polythene to conserve the soil moisture.

Pulses:

November to December sown crop is at pod formation to seed development (nine to twelve week) stage. **Flowering and pod development stage is sensitive to moisture stress; carry out irrigation as per the status of soil moisture.** In case of **YMV infestation** uproots and destroys the infected plant and spray imidacloprid 50ml/acre mixing with 200 lit of water. For **pod borer infestation**, farmers are advised to keep keen watch over the crops and adopt integrated pest management practices like light trap, pheromone trap etc. For initial control. If necessary spray insecticides like Aciphate WP @ 250 g/ha (250 ml/ha) or Polytrin C @ 1 liter/ha.

Rabi-Groundnut: Do not disturb the soil after flower initiation in groundnut. Do irrigation in the field based upon soil moisture. **Increase in temperature may enhance red hairy caterpillar and tobacco caterpillar infestation in groundnut;** to control, spray Profenophos 50% EC @ 2 ml/litre of water or Flubendiamide 480 SC @ 0.2 ml/litre of water.

Mustard: Rainfed mustard sown during October is at maturity stage. Harvest the mustard crop as soon as the pods turn yellowish-brown. present weather may favour the infestation of **saw fly, leaf Webber.** To control saw fly, spray 400ml Endosulphan/acre, to control leaf webber spray 200 ml Ithofenprox or Deltamethrin per acre in 200 litr water.

Vegetables:

Tomato: Transplanted seedlings are at 6-8 week stage in main field. **Due to water stress, deficiency of boron or due to hormonal disbalance flower drop occurs.** Control: Apply timely and required amount of irrigation. Spray Boron 20% 2 gram/lit during early flowering and 15 days later. Due to increase in temperature there may be chances of **bacterial canker and Sun burn** disease in tomato at fruiting stage. To control bacterial canker Farmers should spray Copper oxychloride 50% WP @ 3 g + Plantomycin @ 1 g/litre of water. They should use shade net to protect the crop from sun burn. **Bacterial wilt** may be reported in tomato field, to control it drenching with copper oxychloride @ 3g+ plantomycin @1 g/ litre of water.

Potato: The main crop is ready for harvest within 75-85 days of planting depending upon the soil type and variety sown in our climatic condition of odisha. The crop is ready to harvest when majority of the leaves turn yellowish brown. Irrigation should be stopped 15 days before harvesting. Keep the harvested tubers in shed for 24 hours. All damaged and rotten tubers should be removed.

Onion: Do inter culture and hand weeding may be carried out at 45-50 DAT and application of 30-kg of urea and 15-kg of MOP fertilizer should be done at this stage. Onion being a shallow rooted crop, **needs frequent light irrigation to maintain optimum soil moisture for proper growth and bulb development.** There are chances of **purple blotch and Stemphyllium blight** disease incidence in onion crop. To manage purple blotch and Stemphyllium leaf blight disease in onion spray Mancozeb 75% WP @ 600gram/acre or Difenoconazole 25% E.C @ 200ml/acre or Tebuconazole 25.9% E.C @ 100ml/acre by mixing in 200 litre of water at 15 days interval.

Cucutbits: Tender fruit dropping (due to fungal attack or borer attack). To control late blight Spray during afternoon hours with Mancozeb 75% WP@ 2.5g per liter of water. For fruit dropping apply DiethaneM45@2.5g/liter of water and Propenophos@1..5ml/liter of water. **White fly:** Spray any of the pesticide 70% Imidacloprid 5 gram or Diapenthiuron 12.5 gram per 15 lit of water. There are chances of infestation of

Fruits: Mango: To prevent **fruit drop and increase fruit size of mango** spray planofix/thaitoazole @ 3ml/15liter of water along with compound micro nutrient @ 45gm/15liter of water. For **thrips** control, spraying of Acephate @1.5 g /litre of water is advocated.

Cashew: Prevailing conditions are suitable for the incidence of Tea mosquito bug. Farmers are advised to go for spraying of Neem oil @ 5ml/L + Monocrotophos @ 1.6ml/L at new blush stage and Chlorpyriqos @ 2ml/L at flowering stage. If inflorescence have flourished stop spraying of any insecticides. Hormones like NAA @ 2 ppm can be sprayed. FYM @25 kg per tree can be applied.

Mushroom: Initiate cultivation of paddy straw mushroom. As hot weather condition is prevailed in Cuttack district, Spray water if the mushrooms are at fruiting stage. Cover the Mushroom unit with water soaked Gunny bags to maintain the inside temperature.

Animal husbandry: As temperature is slightly increasing hence, apply need based minerals along with feed. Provide sufficient clean drinking water to animals and birds. Don't allow them graze during noon hours.



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Bulletin No.-557
Date- 04/03/2025

AGROMET ADVISORY BULLETIN FOR BANKI-DAMPADA

District Past week average weather condition and Block past week average Rainfall condition

The block received average 00 mm and district received average 00 mm rainfall during the last week. The mean daily maximum and minimum temperature was 32.66°C (-1.25) and 20.28°C (+0.83), respectively. The mean relative humidity was 57-81%.

Forecasted period: Today(8.30IST) to 09th March (8.30IST)2025

Weather Advisory: Dry weather is forecasted for next 5 days in the block. The day temperature will be 34-36°C and night temperature will be 19-21°C for upcoming 5 days. Maximum and minimum relative humidity will be 48-97% and 05-15% respectively. There will be clear sky for next 5 days.

Block	Banki-Dampada (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	04/03/2025	05/03/2025	06/03/2025	07/03/2025	08/03/2025
Rainfall(mm)	00	00	00	00	00
T-Max(°C)	35	36	34	34	34
T-Min(°C)	21	20	19	20	21
Cloud Cover(octa)	1	0	0	0	0
RH Max (%)	94	48	91	96	97
RH Min (%)	9	12	5	8	15
Wind Speed (Kmph)	10	10	7	7	12
Wind Direction (deg)	180	297	334	169	180

Agromet Advisory

General advisory: Looking to the increasing rate of temperature and dry weather farmers are advised to irrigate their crop field as per requirement and farmers should cover the soil with white mulch/polythene to conserve the soil moisture.

Pulses:

November to December sown crop is at pod formation to seed development (nine to twelve week) stage. Flowering and pod development stage is sensitive to moisture stress; carry out irrigation as per the status of soil moisture. In case of YMV infestation uproots and destroys the infected plant and spray imidacloprid 50ml/acre mixing with 200 lit of water. For pod borer infestation, farmers are advised to keep keen watch over the crops and adopt integrated pest management practices like light trap, pheromone trap etc. For initial control. If necessary spray insecticides like Aciphate WP @ 250 g/ha (250 ml/ha) or Polytrin C @ 1 liter/ha.

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Mustard: Rainfed mustard sown during October is at maturity stage. Harvest the mustard crop as soon as the pods turn yellowish-brown. present weather may favour the infestation of saw fly, leaf Webber. To control saw fly, spray 400ml Endosulphan/acre, to control leaf webber spray 200 ml Ithofenprox or Deltamethrin per acre in 200 litr water.

Vegetables:

Tomato: Transplanted seedlings are at 6-8 week stage in main field. Due to water stress, deficiency of boron or due to hormonal disbalance flower drop occurs. Control: Apply timely and required amount of irrigation. Spray Boron 20% 2 gram/lit during early flowering and 15 days later. Due to increase in temperature there may be chances of bacterial canker and Sun burn disease in tomato at fruiting stage. To control bacterial canker Farmers should spray Copper oxychloride 50% WP @ 3 g + Plantomycin @ 1 g/litre of water. They should use shade net to protect the crop from sun burn. Bacterial wilt may be reported in tomato field, to control it drenching with copper oxychloride @ 3g+ plantomycin @1 g/ litre of water.

Potato: The main crop is ready for harvest within 75-85 days of planting depending upon the soil type and variety sown in our climatic condition of odisha. The crop is ready to harvest when majority of the leaves turn yellowish brown. Irrigation should be stopped 15 days before harvesting. Keep the harvested tubers in shed for 24 hours. All damaged and rotten tubers should be removed.

Onion: Do inter culture and hand weeding may be carried out at 45-50 DAT and application of 30-kg of urea and 15-kg of MOP fertilizer should be done at this stage. Onion being a shallow rooted crop, needs frequent light irrigation to maintain optimum soil moisture for proper growth and bulb development. There are chances of purple blotch and Stemphyllium blight disease incidence in onion crop. To manage purple blotch and Stemphyllium leaf blight disease in onion spray Mancozeb 75% WP @ 600gram/acre or Difenconazole 25% E.C @ 200ml/acre or Tebuconazole 25.9% E.C @ 100ml/acre by mixing in 200 litre of water at 15 days interval.

Cucutbits: Tender fruit dropping (due to fungal attack or borer attack). To control late blight Spray during afternoon hours with Mancozeb 75% WP@ 2.5g per liter of water. For fruit dropping apply DiethaneM45@2.5g/liter of water and Propenophos@1..5ml/liter of water. **White fly:** Spray any of the pesticide 70% Imidacloprid 5 gram or Diafenthiuron 12.5 gram per 15 lit of water. There are chances of infestation of

Fruits: **Mango:** To prevent fruit drop and increase fruit size of mango spray planofix/thaitoazole @ 3ml/15liter of water along with compound micro nutrient @ 45gm/15liter of water. For thrips control, spraying of Acephate @1.5 g /litre of water is advocated.

Cashew: Prevailing conditions are suitable for the incidence of Tea mosquito bug. Farmers are advised to go for spraying of Neem oil @ 5ml/L + Monocrotophos @ 1.6ml/L at new blush stage and Chlorpyriqos @ 2ml/L at flowering stage. If inflorescence have flourished stop spraying of any insecticides. Hormones like NAA @ 2 ppm can be sprayed. FYM @25 kg per tree can be applied.

Mushroom: Initiate cultivation of paddy straw mushroom. As hot weather condition is prevailed in Cuttack district, Spray water if the mushrooms are at fruiting stage. Cover the Mushroom unit with water soaked Gunny bags to maintain the inside temperature.

Animal husbandry: As temperature is slightly increasing hence, apply need based minerals along with feed. Provide sufficient clean drinking water to animals and birds. Don't allow them graze during noon hours.



DrRanjan Kumar Mohanta
 (Nodal officer)

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INDIA METEOROLOGICAL DEPARTMENT
DISTRICT AGROMET UNIT
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Bulletin No.-557
Date- 04/03/2025

AGROMET ADVISORY BULLETIN FOR BARANGA

District Past week average weather condition and Block past week average Rainfall condition

The block received average 00 mm and district received average 00 mm rainfall during the last week. The mean daily maximum and minimum temperature was 32.66°C (-1.25) and 20.28°C (+0.83), respectively. The mean relative humidity was 57-81%.

Forecasted period: Today(8.30IST) to 09th March (8.30IST)2025

Weather advisory: Dry weather is forecasted for next 5 days in the block. The day temperature will be 33-35°C and night temperature will be 20-22°C for upcoming 5 days. Maximum and minimum relative humidity will be 83-97% and 07-21% respectively. There will be clear sky for next 5 days.

Block	Baranga (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	04/03/2025	05/03/2025	06/03/2025	07/03/2025	08/03/2025
Rainfall(mm)	00	00	00	00	00
T-Max(°C)	35	35	33	34	33
T-Min(°C)	22	21	20	21	22
Cloud Cover	1	0	0	0	0
RH Max (%)	95	83	93	97	97
RH Min (%)	8	14	7	11	21
Wind Speed (Kmph)	11	10	7	9	14
Wind Direction (deg)	199	300	338	195	193

Agromet Advisory

General advisory: Looking to the increasing rate of temperature and dry weather farmers are advised to irrigate their crop field as per requirement and farmers should cover the soil with white mulch/polythene to conserve the soil moisture.

Pulses:

November to December sown crop is at pod formation to seed development (nine to twelve week) stage. Flowering and pod development stage is sensitive to moisture stress; carry out irrigation as per the status of soil moisture. In case of YMV infestation uproots and destroys the infected plant and spray imidacloprid 50ml/acre mixing with 200 lit of water. For pod borer infestation, farmers are advised to keep keen watch over the crops and adopt integrated pest management practices like light trap, pheromone trap etc. For initial control. If necessary spray insecticides like Aciphate WP @ 250 g/ha (250 ml/ha) or Polytrin C @ 1 liter/ha.

Rabi-Groundnut: Do not disturb the soil after flower initiation in groundnut. Do irrigation in the field based upon soil moisture. Increase in temperature may enhance red hairy caterpillar and tobacco caterpillar infestation in groundnut; to control, spray Profenophos 50% EC @ 2 ml/litre of water or Flubendiamide 480 SC @ 0.2 ml/litre of water.

Mustard: Rained mustard sown during October is at maturity stage. Harvest the mustard crop as soon as the pods turn yellowish-brown. present weather may favour the infestation of saw fly, leaf Webber. To control saw fly, spray 400ml Endosulphan/acre, to control leaf webber spray 200 ml Ithofenprox or Deltamethrin per acre in 200 litr water.

Vegetables:

Tomato: Transplanted seedlings are at 6-8 week stage in main field. Due to water stress, deficiency of boron or due to hormonal disbalance flower drop occurs. Control: Apply timely and required amount of irrigation. Spray Boron 20% 2 gram/lit during early flowering and 15 days later. Due to increase in temperature there may be chances of bacterial canker and Sun burn disease in tomato at fruiting stage. To control bacterial canker Farmers should spray Copper oxychloride 50% WP @ 3 g + Plantomycin @ 1 g/litre of water. They should use shade net to protect the crop from sun burn. Bacterial wilt may be reported in tomato field, to control it drenching with copper oxychloride @ 3g+ plantomycin @1 g/ litre of water.

Potato: The main crop is ready for harvest within 75-85 days of planting depending upon the soil type and variety sown in our climatic condition of odisha. The crop is ready to harvest when majority of the leaves turn yellowish brown. Irrigation should be stopped 15 days before harvesting. Keep the harvested tubers in shed for 24 hours. All damaged and rotten tubers should be removed.

Onion: Do inter culture and hand weeding may be carried out at 45-50 DAT and application of 30-kg of urea and 15-kg of MOP fertilizer should be done at this stage. Onion being a shallow rooted crop, needs frequent light irrigation to maintain optimum soil moisture for proper growth and bulb development. There are chances of purple blotch and Stemphyllium blight disease incidence in onion crop. To manage purple blotch and Stemphyllium leaf blight disease in onion spray Mancozeb 75% WP @ 600gram/acre or Difenoconazole 25% E.C @ 200ml/acre or Tebuconazole 25.9% E.C @ 100ml/acre by mixing in 200 litre of water at 15 days interval.

Cucutbits: Tender fruit dropping (due to fungal attack or borer attack). To control late blight Spray during afternoon hours with Mancozeb 75% WP@ 2.5g per liter of water. For fruit dropping apply DiethaneM45@2.5g/liter of water and Propenophos@1.5ml/liter of water. **White fly:** Spray any of the pesticide 70% Imidacloprid 5 gram or Diafenthiuron 12.5 gram per 15 lit of water. There are chances of infestation of

Fruits: **Mango:** To prevent fruit drop and increase fruit size of mango spray planofix/thaitozyle @ 3ml/15liter of water along with compound micro nutrient @ 45gm/15liter of water. For thrips control, spraying of Acephate @1.5 g /litre of water is advocated.

Cashew: Prevailing conditions are suitable for the incidence of Tea mosquito bug. Farmers are advised to go for spraying of Neem oil @ 5ml/L + Monocrotophos @ 1.6ml/L at new blush stage and Chlorpyriqos @ 2ml/L at flowering stage. If inflorescence have flourished stop spraying of any insecticides. Hormones like NAA @ 2 ppm can be sprayed. FYM @25 kg per tree can be applied.

Mushroom: Initiate cultivation of paddy straw mushroom. As hot weather condition is prevailed in Cuttack district, Spray water if the mushrooms are at fruiting stage. Cover the Mushroom unit with water soaked Gunny bags to maintain the inside temperature.

Animal husbandry: As temperature is slightly increasing hence, apply need based minerals along with feed. Provide sufficient clean drinking water to animals and birds. Don't allow them graze during noon hours.



DrRanjan Kumar Mohanta
 (Nodal officer)

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Bulletin No.-557
Date- 04/03/2025

AGROMET ADVISORY BULLETIN FOR CUTTACK SADAR

District Past week average weather condition and Block past week average Rainfall condition

The block received average 00 mm and district received average 00 mm rainfall during the last week. The mean daily maximum and minimum temperature was 32.66°C (-1.25) and 20.28°C (+0.83), respectively. The mean relative humidity was 57-81%.

Forecasted period: Today(8.30IST) to 09th March (8.30IST)2025

Weather advisory: Dry weather is forecasted for next 5 days in the block. The day temperature will be 32-35°C and night temperature will be 20-23°C for upcoming 5 days. Maximum and minimum relative humidity will be 72-98% and 07-17% respectively. There will be clear sky for next 5 days.

Block	Cuttack sadar (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	04/03/2025	05/03/2025	06/03/2025	07/03/2025	08/03/2025
Rainfall(mm)	00	00	00	00	00
T-Max(°C)	34	35	32	33	33
T-Min(°C)	22	21	20	21	23
Cloud Cover(octa)	1	0	0	0	0
RH Max (%)	94	72	91	96	98
RH Min (%)	9	13	7	10	17
Wind Speed (Kmph)	10	11	6	8	13
Wind Direction (deg)	203	330	338	180	193

Agromet Advisory

General advisory: Looking to the increasing rate of temperature and dry weather farmers are advised to irrigate their crop field as per requirement and farmers should cover the soil with white mulch/polythene to conserve the soil moisture.

Pulses:

November to December sown crop is at pod formation to seed development (nine to twelve week) stage. Flowering and pod development stage is sensitive to moisture stress; carry out irrigation as per the status of soil moisture. In case of YMV infestation uproots and destroys the infected plant and spray imidacloprid 50ml/acre mixing with 200 lit of water. For pod borer infestation, farmers are advised to keep keen watch over the crops and adopt integrated pest management practices like light trap, pheromone trap etc. For initial control. If necessary spray insecticides like Aciphate WP @ 250 g/ha (250 ml/ha) or Polytrin C @ 1 liter/ha.

Rabi-Groundnut: Do not disturb the soil after flower initiation in groundnut. Do irrigation in the field based upon soil moisture. Increase in temperature may enhance red hairy caterpillar and tobacco caterpillar infestation in groundnut; to control, spray Profenophos 50% EC @ 2 ml/litre of water or Flubendiamide 480 SC @ 0.2 ml/litre of water.

Mustard: Rainfed mustard sown during October is at maturity stage. Harvest the mustard crop as soon as the pods turn yellowish-brown. present weather may favour the infestation of saw fly, leaf Webber. To control saw fly, spray 400ml Endosulphan/acre, to control leaf webber spray 200 ml Ithofenprox or Deltamethrin per acre in 200 litr water.

Vegetables:

Tomato: Transplanted seedlings are at 6-8 week stage in main field. Due to water stress, deficiency of boron or due to hormonal disbalance flower drop occurs. Control: Apply timely and required amount of irrigation. Spray Boron 20% 2 gram/lit during early flowering and 15 days later. Due to increase in temperature there may be chances of bacterial canker and Sun burn disease in tomato at fruiting stage. To control bacterial canker Farmers should spray Copper oxychloride 50% WP @ 3 g + Plantomycin @ 1 g/litre of water. They should use shade net to protect the crop from sun burn. Bacterial wilt may be reported in tomato field, to control it drenching with copper oxychloride @ 3g+ plantomycin @1 g/ litre of water.

Potato: The main crop is ready for harvest within 75-85 days of planting depending upon the soil type and variety sown in our climatic condition of odisha. The crop is ready to harvest when majority of the leaves turn yellowish brown. Irrigation should be stopped 15 days before harvesting. Keep the harvested tubers in shed for 24 hours. All damaged and rotten tubers should be removed.

Onion: Do inter culture and hand weeding may be carried out at 45-50 DAT and application of 30-kg of urea and 15-kg of MOP fertilizer should be done at this stage. Onion being a shallow rooted crop, needs frequent light irrigation to maintain optimum soil moisture for proper growth and bulb development. There are chances of purple blotch and Stemphyllium blight disease incidence in onion crop. To manage purple blotch and Stemphyllium leaf blight disease in onion spray Mancozeb 75% WP @ 600gram/acre or Difenoconazole 25% E.C @ 200ml/acre or Tebuconazole 25.9% E.C @ 100ml/acre by mixing in 200 litre of water at 15 days interval.

Cucutbits: Tender fruit dropping (due to fungal attack or borer attack). To control late blight Spray during afternoon hours with Mancozeb 75% WP@ 2.5g per liter of water. For fruit dropping apply DiethaneM45@2.5g/liter of water and Propenophos@1.5ml/liter of water. **White fly:** Spray any of the pesticide 70% Imidacloprid 5 gram or Diafenthiuron 12.5 gram per 15 lit of water. There are chances of infestation of

Fruits: **Mango:** To prevent fruit drop and increase fruit size of mango spray planofix/thaitozyle @ 3ml/15liter of water along with compound micro nutrient @ 45gm/15liter of water. For thrips control, spraying of Acephate @1.5 g /litre of water is advocated.

Cashew: Prevailing conditions are suitable for the incidence of Tea mosquito bug. Farmers are advised to go for spraying of Neem oil @ 5ml/L + Monocrotophos @ 1.6ml/L at new blush stage and Chlorpyriqos @ 2ml/L at flowering stage. If inflorescence have flourished stop spraying of any insecticides. Hormones like NAA @ 2 ppm can be sprayed. FYM @25 kg per tree can be applied.

Mushroom: Initiate cultivation of paddy straw mushroom. As hot weather condition is prevailed in Cuttack district, Spray water if the mushrooms are at fruiting stage. Cover the Mushroom unit with water soaked Gunny bags to maintain the inside temperature.

Animal husbandry: As temperature is slightly increasing hence, apply need based minerals along with feed. Provide sufficient clean drinking water to animals and birds. Don't allow them graze during noon hours.



DrRanjan Kumar Mohanta
(Nodal officer)

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Bulletin No.-557
Date- 04/03/2025

AGROMET ADVISORY BULLETIN FOR KANTAPADA

District Past week average weather condition and Block past week average Rainfall condition

The block received average 00 mm and district received average 00 mm rainfall during the last week. The mean daily maximum and minimum temperature was 32.66°C (-1.25) and 20.28°C (+0.83), respectively. The mean relative humidity was 57-81%.

Forecasted period: Today(8.30IST) to 09th March (8.30IST)2025

Weather advisory: Dry weather is forecasted for next 5 days in the block. The day temperature will be 32-35°C and night temperature will be 20-23°C for upcoming 5 days. Maximum and minimum relative humidity will be 94-96% and 09-28% respectively. **There will be clear sky for next 5 days.**

Block	Kantapada (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	04/03/2025	05/03/2025	06/03/2025	07/03/2025	08/03/2025
Rainfall(mm)	00	00	00	00	00
T-Max(°C)	35	35	33	33	32
T-Min(°C)	23	21	20	22	23
Cloud Cover(octa)	1	0	0	0	0
RH Max (%)	95	94	95	96	96
RH Min (%)	9	20	12	17	28
Wind Speed (Kmph)	12	12	8	10	14
Wind Direction (deg)	195	203	105	189	193

Agromet Advisory

General advisory: Looking to the increasing rate of temperature and dry weather farmers are advised to irrigate their crop field as per requirement and farmers should cover the soil with white mulch/polythene to conserve the soil moisture.

Pulses:

November to December sown crop is at pod formation to seed development (nine to twelve week) stage. **Flowering and pod development stage is sensitive to moisture stress; carry out irrigation as per the status of soil moisture.** In case of **YMV infestation** uproots and destroys the infected plant and spray imidacloprid 50ml/acre mixing with 200 lit of water. For **pod borer infestation**, farmers are advised to keep keen watch over the crops and adopt integrated pest management practices like light trap, pheromone trap etc. For initial control. If necessary spray insecticides like Aciphate WP @ 250 g/ha (250 ml/ha) or Polytrin C @ 1 liter/ha.

Rabi-Groundnut: Do not disturb the soil after flower initiation in groundnut. Do irrigation in the field based upon soil moisture. **Increase in temperature may enhance red hairy caterpillar and tobacco caterpillar** infestation in groundnut; to control, spray Profenophos 50% EC @ 2 ml/litre of water or Flubendiamide 480 SC @ 0.2 ml/litre of water.

Mustard: Rainfed mustard sown during October is at maturity stage. Harvest the mustard crop as soon as the pods turn yellowish-brown. present weather may favour the infestation of **saw fly, leaf Webber**. To control saw fly, spray 400ml Endosulphan/acre, to control leaf webber spray 200 ml Ithofenprox or Deltamethrin per acre in 200 liter water.

Vegetables:

Tomato: Transplanted seedlings are at 6-8 week stage in main field. **Due to water stress, deficiency of boron due to hormonal imbalance flower drop occurs.** Control: Apply timely and required amount of irrigation. Spray Boron 20% 2 gram/lit during early flowering and 15 days later. Due to increase in temperature there may be chances of **bacterial canker and Sun burn** disease in tomato at fruiting stage. To control bacterial canker farmers should spray Copper oxychloride 50% WP @ 3 g + Plantomycin @ 1 g/litre of water. They should use shade net to protect the crop from sun burn. **Bacterial wilt** may be reported in tomato field, to control it drenching with copper oxychloride @ 3g+ plantomycin @1 g/ litre of water.

Potato: The main crop is ready for harvest within 75-85 days of planting depending upon the soil type and variety sown in our climatic condition of odisha. The crop is ready to harvest when majority of the leaves turn yellowish brown. Irrigation should be stopped 15 days before harvesting. Keep the harvested tubers in shed for 24 hours. All damaged and rotten tubers should be removed.

Onion: Do inter culture and hand weeding may be carried out at 45-50 DAT and application of 30-kg of urea and 15-kg of MOP fertilizer should be done at this stage. Onion being a shallow rooted crop, **needs frequent light irrigation to maintain optimum soil moisture for proper growth and bulb development.** There are chances of **purple blotch and Stemphyllium blight** disease incidence in onion crop. To manage purple blotch and Stemphyllium leaf blight disease in onion spray Mancozeb 75% WP @ 600gram/acre or Difenconazole 25% E.C @ 200ml/acre or Tebuconazole 25.9% E.C @ 100ml/acre by mixing in 200 litre of water at 15 days interval.

Cucurbits: Tender fruit dropping (due to fungal attack or borer attack). To control late blight Spray during afternoon hours with Mancozeb 75% WP@ 2.5g per liter of water. For fruit dropping apply DiethaneM45@2.5g/liter of water and Propenophos@1..5ml/liter of water. **White fly:** Spray any of the pesticide 70% Imidacloprid 5 gram or Diafenthiuron 12.5 gram per 15 lit of water. There are chances of infestation of

Fruits: Mango: To prevent **fruit drop and increase fruit size of mango** spray planofix/thaitoazole @ 3ml/15liter of water along with compound micro nutrient @ 45gm/15liter of water. For **thrips** control, spraying of Acephate @1.5 g /litre of water is advocated.

Cashew: Prevailing conditions are suitable for the incidence of Tea mosquito bug. Farmers are advised to go for spraying of Neem oil @ 5ml/L + Monocrotophos @ 1.6ml/L at new blush stage and Chlorpyriqos @ 2ml/L at flowering stage. If inflorescence have flourished stop spraying of any insecticides. Hormones like NAA @ 2 ppm can be sprayed. FYM @25 kg per tree can be applied.

Mushroom: Initiate cultivation of paddy straw mushroom. As hot weather condition is prevailed in Cuttack district, Spray water if the mushrooms are at fruiting stage. Cover the Mushroom unit with water soaked Gunny bags to maintain the inside temperature.

Animal husbandry: As temperature is slightly increasing hence, apply need based minerals along with feed. Provide sufficient clean drinking water to animals and birds. Don't allow them graze during noon hours.



DrRanjan Kumar Mohanta
 (Nodal officer)

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Bulletin No.-557
Date- 04/03/2025

AGROMET ADVISORY BULLETIN FOR MAHANGA

District Past week average weather condition and Block past week average Rainfall condition

The block received average 00 mm and district received average 00 mm rainfall during the last week. The mean daily maximum and minimum temperature was 32.66°C (-1.25) and 20.28°C (+0.83), respectively. The mean relative humidity was 57-81%.

Forecasted period: Today(8.30IST) to 09th March (8.30IST)2025

Weather advisory: Dry weather is forecasted for next 5 days in the block. The day temperature will be and it will be 32-35°C and night temperature will be 20-22°C for upcoming 5 days. Maximum and minimum relative humidity will be 86-97% and 11-22% respectively. There will be clear sky for next 5 days.

Block	Mahanga (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	04/03/2025	05/03/2025	06/03/2025	07/03/2025	08/03/2025
Rainfall(mm)	00	00	00	00	00
T-Max(°C)	34	35	32	33	33
T-Min(°C)	22	22	20	21	22
Cloud Cover(octal)	1	0	0	0	0
RH Max (%)	95	86	87	94	97
RH Min (%)	11	19	12	14	22
Wind Speed (Kmph)	10	10	7	9	12
Wind Direction (deg)	225	210	15	195	193

Agromet Advisory

General advisory:

Looking to the increasing rate of temperature and dry weather farmers are advised to irrigate their crop field as per requirement and farmers should cover the soil with white mulch/polythene to conserve the soil moisture.

Pulses:

November to December sown crop is at pod formation to seed development (nine to twelve week) stage. **Flowering and pod development stage is sensitive to moisture stress; carry out irrigation as per the status of soil moisture.** In case of **YMV infestation** uproots and destroys the infected plant and spray imidacloprid 50ml/acre mixing with 200 lit of water. For **pod borer infestation**, farmers are advised to keep keen watch over the crops and adopt integrated pest management practices like light trap, pheromone trap etc. For initial control. If necessary spray insecticides like Aciphate WP @ 250 g/ha (250 ml/ha) or Polytrin C @ 1 liter/ha.

Rabi-Groundnut: Do not disturb the soil after flower initiation in groundnut. Do irrigation in the field based upon soil moisture. **Increase in temperature** may enhance **red hairy caterpillar and tobacco caterpillar** infestation in groundnut; to control, spray Profenophos 50% EC @ 2 ml/litre of water or Flubendiamide 480 SC @ 0.2 ml/litre of water.

Mustard: Rainfed mustard sown during October is at maturity stage. Harvest the mustard crop as soon as the pods turn yellowish-brown. present weather may favour the infestation of **saw fly, leaf Webber**. To control saw fly, spray 400ml Endosulphan/acre, to control leaf webber spray 200 ml Ithofenprox or Deltamethrin per acre in 200 litr water.

Vegetables:

Tomato: Transplanted seedlings are at 6-8 week stage in main field. **Due to water stress, deficiency of boron due to hormonal disbalance flower drop occurs.** Control: Apply timely and required amount of irrigation. Spray Boron 20% 2 gram/lit during early flowering and 15 days later. Due to increase in temperature there may be chances of **bacterial canker and Sun burn** disease in tomato at fruiting stage. To control bacterial canker Farmers should spray Copper oxychloride 50% WP @ 3 g + Plantomycin @ 1 g/litre of water. They should use shade net to protect the crop from sun burn. **Bacterial wilt** may be reported in tomato field, to control it drenching with copper oxychloride @ 3g+ plantomycin @1 g/ litre of water.

Potato: The main crop is ready for harvest within 75-85 days of planting depending upon the soil type and variety sown in our climatic condition of odisha. The crop is ready to harvest when majority of the leaves turn yellowish brown. Irrigation should be stopped 15 days before harvesting. Keep the harvested tubers in shed for 24 hours. All damaged and rotten tubers should be removed.

Onion: Do inter culture and hand weeding may be carried out at 45-50 DAT and application of 30-kg of urea and 15-kg of MOP fertilizer should be done at this stage. Onion being a shallow rooted crop, **needs frequent light irrigation to maintain optimum soil moisture for proper growth and bulb development.** There are chances of **purple blotch and Stemphyllium blight** disease incidence in onion crop. To manage purple blotch and Stemphyllium leaf blight disease in onion spray Mancozeb 75% WP @ 600gram/acre or Difenconazole 25% E.C @ 200ml/acre or Tebuconazole 25.9% E.C @ 100ml/acre by mixing in 200 litre of water at 15 days interval.

Cucurbits: Tender fruit dropping (due to fungal attack or borer attack). To control late blight Spray during afternoon hours with Mancozeb 75% WP@ 2.5g per liter of water. For fruit dropping apply DiethaneM45@2.5g/liter of water and Propenophos@1..5ml/liter of water. **White fly:** Spray any of the pesticide 70% Imidacloprid 5 gram or Diafenthiuron 12.5 gram per 15 lit of water. There are chances of infestation of

Fruits: Mango: To prevent **fruit drop and increase fruit size of mango** spray planofix/thaitoazole @ 3ml/15liter of water along with compound micro nutrient @ 45gm/15liter of water. For **thrips** control, spraying of Acephate @1.5 g /litre of water is advocated.

Cashew: Prevailing conditions are suitable for the incidence of Tea mosquito bug. Farmers are advised to go for spraying of Neem oil @ 5ml/L + Monocrotophos @ 1.6ml/L at new blush stage and Chlorpyriqos @ 2ml/L at flowering stage. If inflorescence have flourished stop spraying of any insecticides. Hormones like NAA @ 2 ppm can be sprayed. FYM @25 kg per tree can be applied.

Mushroom: Initiate cultivation of paddy straw mushroom. As hot weather condition is prevailed in Cuttack district, Spray water if the mushrooms are at fruiting stage. Cover the Mushroom unit with water soaked Gunny bags to maintain the inside temperature.

Animal husbandry: As temperature is slightly increasing hence, apply need based minerals along with feed. Provide sufficient clean drinking water to animals and birds. Don't allow them graze during noon hours.



DrRanjan Kumar Mohanta
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Bulletin No.-557
Date- 04/03/2025

AGROMET ADVISORY BULLETIN FOR NARASINGHPUR

District Past week average weather condition and Block past week average Rainfall condition

The block received average 00 mm and district received average 00 mm rainfall during the last week. The mean daily maximum and minimum temperature was 32.66°C (-1.25) and 20.28°C (+0.83), respectively. The mean relative humidity was 57-81%.

Forecasted period: Today(8.30IST) to 09th March (8.30IST)2025

Weatheradvisory: Dry weather is forecasted for next 5days in the block. The day temperature will be 32-36°C and night temperature will be 16-19°C for upcoming 5 days. Maximum and minimum relative humidity will be 23-97% and 06-14% respectively. There will be clear sky for next 5days.

Block	Narasinghpur (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	04/03/2025	05/03/2025	06/03/2025	07/03/2025	08/03/2025
Rainfall(mm)	00	00	00	00	00
T-Max(°C)	34	34	32	33	36
T-Min(°C)	19	18	16	16	19
Cloud Cover(/octa)	1	0	0	0	1
RH Max (%)	87	23	71	84	97
RH Min (%)	10	14	6	6	7
Wind Speed (Kmph)	7	10	6	5	6
Wind Direction (deg)	338	315	338	198	165

Agromet Advisory

General advisory: Looking to the increasing rate of temperature and dry weather farmers are advised to irrigate their crop field as per requirement and farmers should cover the soil with white mulch/polythene to conserve the soil moisture.

Pulses:

November to December sown crop is at pod formation to seed development (nine to twelve week) stage. Flowering and pod development stage is sensitive to moisture stress; carry out irrigation as per the status of soil moisture. In case of YMV infestation uproots and destroys the infected plant and spray imidacloprid 50ml/acre mixing with 200 lit of water. For pod borer infestation, farmers are advised to keep keen watch over the crops and adopt integrated pest management practices like light trap, pheromone trap etc. For initial control. If necessary spray insecticides like Aciphate WP @ 250 g/ha (250 ml/ha) or Polytrin C @ 1 liter/ha.

Rabi-Groundnut: Do not disturb the soil after flower initiation in groundnut. Do irrigation in the field based upon soil moisture. Increase in temperature may enhance red hairy caterpillar and tobacco caterpillar infestation in groundnut; to control, spray Profenophos 50% EC @ 2 ml/litre of water or Flubendiamide 480 SC @ 0.2 ml/litre of water.

Mustard: Rainfed mustard sown during October is at maturity stage. Harvest the mustard crop as soon as the pods turn yellowish-brown. present weather may favour the infestation of saw fly, leaf Webber. To control saw fly, spray 400ml Endosulphan/acre, to control leaf webber spray 200 ml Ithofenprox or Deltamethrin per acre in 200 litr water.

Vegetables:

Tomato: Transplanted seedlings are at 6-8 week stage in main field. Due to water stress, deficiency of boron or due to hormonal disbalance flower drop occurs. Control: Apply timely and required amount of irrigation. Spray Boron 20% 2 gram/lit during early flowering and 15 days later. Due to increase in temperature there may be chances of bacterial canker and Sun burn disease in tomato at fruiting stage. To control bacterial canker Farmers should spray Copper oxychloride 50% WP @ 3 g + Plantomycin @ 1 g/litre of water. They should use shade net to protect the crop from sun burn. Bacterial wilt may be reported in tomato field, to control it drenching with copper oxychloride @ 3g+ plantomycin @1 g/ litre of water.

Potato: The main crop is ready for harvest within 75-85 days of planting depending upon the soil type and variety sown in our climatic condition of odisha. The crop is ready to harvest when majority of the leaves turn yellowish brown. Irrigation should be stopped 15 days before harvesting. Keep the harvested tubers in shed for 24 hours. All damaged and rotten tubers should be removed.

Onion: Do inter culture and hand weeding may be carried out at 45-50 DAT and application of 30-kg of urea and 15-kg of MOP fertilizer should be done at this stage. Onion being a shallow rooted crop, needs frequent light irrigation to maintain optimum soil moisture for proper growth and bulb development. There are chances of purple blotch and Stemphyllium blight disease incidence in onion crop. To manage purple blotch and Stemphyllium leaf blight disease in onion spray Mancozeb 75% WP @ 600gram/acre or Difenconazole 25% E.C @ 200ml/acre or Tebuconazole 25.9% E.C @ 100ml/acre by mixing in 200 litre of water at 15 days interval.

Cucutbits: Tender fruit dropping (due to fungal attack or borer attack). To control late blight Spray during afternoon hours with Mancozeb 75% WP@ 2.5g per liter of water. For fruit dropping apply DiethaneM45@2.5g/liter of water and Propenophos@1.5ml/liter of water. **White fly:** Spray any of the pesticide 70% Imidacloprid 5 gram or Diafenthiuron 12.5 gram per 15 lit of water. There are chances of infestation of

Fruits: **Mango:** To prevent fruit drop and increase fruit size of mango spray planofix/thaitoazole @ 3ml/15liter of water along with compound micro nutrient @ 45gm/15liter of water. For thrips control, spraying of Acephate @1.5 g /litre of water is advocated.

Cashew: Prevailing conditions are suitable for the incidence of Tea mosquito bug. Farmers are advised to go for spraying of Neem oil @ 5ml/L + Monocrotophos @ 1.6ml/L at new blush stage and Chlorpyriqos @ 2ml/L at flowering stage. If inflorescence have flourished stop spraying of any insecticides. Hormones like NAA @ 2 ppm can be sprayed. FYM @25 kg per tree can be applied.

Mushroom: Initiate cultivation of paddy straw mushroom. As hot weather condition is prevailed in Cuttack district, Spray water if the mushrooms are at fruiting stage. Cover the Mushroom unit with water soaked Gunny bags to maintain the inside temperature.

Animal husbandry: As temperature is slightly increasing hence, apply need based minerals along with feed. Provide sufficient clean drinking water to animals and birds. Don't allow them graze during noon hours.



DrRanjan Kumar Mohanta
 (Nodal officer)

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Bulletin No.-557
Date- 04/03/2025

AGROMET ADVISORY BULLETIN FOR NIALI

District Past week average weather condition and Block past week average Rainfall condition

The block received average 00 mm and district received average 00 mm rainfall during the last week. The mean daily maximum and minimum temperature was 32.66°C (-1.25) and 20.28°C (+0.83), respectively. The mean relative humidity was 57-81%.

Forecasted period: Today(8.30IST) to 09th March (8.30IST)2025

Weather advisory: Dry weather is forecasted for next 5 days in the block. The day temperature will be 32-36°C and night temperature will be 20-23°C for upcoming 5 days. Maximum and minimum relative humidity will be 94-96% and 14-36% respectively. **There will be clear sky for next 5 days.**

Block	Niali (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	04/03/2025	05/03/2025	06/03/2025	07/03/2025	08/03/2025
Rainfall(mm)	00	00	00	00	00
T-Max(°C)	36	34	33	33	32
T-Min(°C)	23	21	20	22	23
Cloud Cover(octa)	1	0	0	0	0
RH Max (%)	94	95	96	95	94
RH Min (%)	14	25	16	24	36
Wind Speed(Kmph)	13	13	9	11	15
Wind Direction(deg)	199	205	105	191	198

Agromet Advisory

General advisory:

Looking to the increasing rate of temperature and dry weather farmers are advised to irrigate their crop field as per requirement and farmers should cover the soil with white mulch/polythene to conserve the soil moisture.

Pulses:

November to December sown crop is at pod formation to seed development (nine to twelve week) stage. **Flowering and pod development stage is sensitive to moisture stress; carry out irrigation as per the status of soil moisture.** In case of **YMV infestation** uproots and destroys the infected plant and spray imidacloprid 50ml/acre mixing with 200 lit of water. For **pod borer infestation**, farmers are advised to keep keen watch over the crops and adopt integrated pest management practices like light trap, pheromone trap etc. For initial control. If necessary spray insecticides like Aciphate WP @ 250 g/ha (250 ml/ha) or Polytrin C @ 1 liter/ha.

Rabi-Groundnut: Do not disturb the soil after flower initiation in groundnut. Do irrigation in the field based upon soil moisture. **Increase in temperature may enhance red hairy caterpillar and tobacco caterpillar infestation in groundnut;** to control, spray Profenophos 50% EC @ 2 ml/litre of water or Flubendiamide 480 SC @ 0.2 ml/litre of water.

Mustard: Rainfed mustard sown during October is at maturity stage. Harvest the mustard crop as soon as the pods turn yellowish-brown. present weather may favour the infestation of **saw fly, leaf Webber.** To control saw fly, spray 400ml Endosulphan/acre, to control leaf webber spray 200 ml Ithofenprox or Deltamethrin per acre in 200 litre water.

Vegetables:

Tomato: Transplanted seedlings are at 6-8 week stage in main field. **Due to water stress, deficiency of boron due to hormonal disbalance flower drop occurs.** Control: Apply timely and required amount of irrigation. Spray Boron 20% 2 gram/lit during early flowering and 15 days later. Due to increase in temperature there may be chances of **bacterial canker and Sun burn** disease in tomato at fruiting stage. To control bacterial canker Farmers should spray Copper oxychloride 50% WP @ 3 g + Plantomycin @ 1 g/litre of water. They should use shade net to protect the crop from sun burn. **Bacterial wilt** may be reported in tomato field, to control it drenching with copper oxychloride @ 3g+ plantomycin @1 g/ litre of water.

Potato: The main crop is ready for harvest within 75-85 days of planting depending upon the soil type and variety sown in our climatic condition of odisha. The crop is ready to harvest when majority of the leaves turn yellowish brown. Irrigation should be stopped 15 days before harvesting. Keep the harvested tubers in shed for 24 hours. All damaged and rotten tubers should be removed.

Onion: Do inter culture and hand weeding may be carried out at 45-50 DAT and application of 30-kg of urea and 15-kg of MOP fertilizer should be done at this stage. Onion being a shallow rooted crop, **needs frequent light irrigation to maintain optimum soil moisture for proper growth and bulb development.** There are chances of **purple blotch and Stemphyllium blight** disease incidence in onion crop. To manage purple blotch and Stemphyllium leaf blight disease in onion spray Mancozeb 75% WP @ 600gram/acre or Difenoconazole 25% E.C @ 200ml/acre or Tebuconazole 25.9% E.C @ 100ml/acre by mixing in 200 litre of water at 15 days interval.

Cucutbits: Tender fruit dropping (due to fungal attack or borer attack). To control late blight Spray during afternoon hours with Mancozeb 75% WP@ 2.5g per liter of water. For fruit dropping apply DiethaneM45@2.5g/liter of water and Propenophos@1.5ml/liter of water. **White fly:** Spray any of the pesticide 70% Imidacloprid 5 gram or Diafenthuron 12.5 gram per 15 lit of water. There are chances of infestation of

Fruits: Mango: To prevent **fruit drop and increase fruit size of mango** spray planofix/thaitozyle @ 3ml/15liter of water along with compound micro nutrient @ 45gm/15liter of water. For **thrips** control, spraying of Acephate @1.5 g /litre of water is advocated.

Cashew: Prevailing conditions are suitable for the incidence of Tea mosquito bug. Farmers are advised to go for spraying of Neem oil @ 5ml/L + Monocrotophos @ 1.6ml/L at new blush stage and Chlorpyriqos @ 2ml/L at flowering stage. If inflorescence have flourished stop spraying of any insecticides. Hormones like NAA @ 2 ppm can be sprayed. FYM @25 kg per tree can be applied.

Mushroom: Initiate cultivation of paddy straw mushroom. As hot weather condition is prevailed in Cuttack district, Spray water if the mushrooms are at fruiting stage. Cover the Mushroom unit with water soaked Gunny bags to maintain the inside temperature.

Animal husbandry: As temperature is slightly increasing hence, apply need based minerals along with feed. Provide sufficient clean drinking water to animals and birds. Don't allow them graze during noon hours.



DrRanjan Kumar Mohanta
 (Nodal officer)

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Bulletin No.-557
Date- 04/03/2025

AGROMET ADVISORY BULLETIN FOR NISCHINTAKOILI
District Past week average weather condition and Block past week average Rainfall condition

The block received average 00 mm and district received average 00 mm rainfall during the last week. The mean daily maximum and minimum temperature was 32.66°C (-1.25) and 20.28°C (+0.83), respectively. The mean relative humidity was 57-81%.

Forecasted period: Today(8.30IST) to 09th March (8.30IST)2025

Weather advisory: Dry weather is forecasted for next 5 days in the block. The day temperature will be 32-35°C and night temperature will be 20-22°C for upcoming 5 days. Maximum and minimum relative humidity will be 91-97% and 11-24% respectively. **There will be clear sky for next 5 days.**

Block	Nischintakoili (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	04/03/2025	05/03/2025	06/03/2025	07/03/2025	08/03/2025
Rainfall(mm)	00	00	00	00	00
T-Max(°C)	34	35	32	33	33
T-Min(°C)	22	22	20	21	22
Cloud Cover(octa)	1	0	0	0	0
RH Max (%)	96	91	91	94	97
RH Min (%)	11	20	12	15	24
Wind Speed (Kmph)	11	11	8	9	13
Wind Direction (deg)	203	203	300	198	193

Agromet Advisory

General advisory: Looking to the increasing rate of temperature and dry weather farmers are advised to irrigate their crop field as per requirement and farmers should cover the soil with white mulch/polythene to conserve the soil moisture.

Pulses:

November to December sown crop is at pod formation to seed development (nine to twelve week) stage. **Flowering and pod development stage is sensitive to moisture stress; carry out irrigation as per the status of soil moisture.** In case of **YMV infestation** uproots and destroys the infected plant and spray imidacloprid 50ml/acre mixing with 200 lit of water. For **pod borer infestation**, farmers are advised to keep keen watch over the crops and adopt integrated pest management practices like light trap, pheromone trap etc. For initial control. If necessary spray insecticides like Aciphate WP @ 250 g/ha (250 ml/ha) or Polytrin C @ 1 liter/ha.

Rabi-Groundnut: Do not disturb the soil after flower initiation in groundnut. Do irrigation in the field based upon soil moisture. **Increase in temperature may enhance red hairy caterpillar and tobacco caterpillar infestation in groundnut;** to control, spray Profenophos 50% EC @ 2 ml/litre of water or Flubendiamide 480 SC @ 0.2 ml/litre of water.

Mustard: Rainfed mustard sown during October is at maturity stage. Harvest the mustard crop as soon as the pods turn yellowish-brown. present weather may favour the infestation of **saw fly, leaf Webber.** To control saw fly, spray 400ml Endosulphan/acre, to control leaf webber spray 200 ml Ithofenprox or Deltamethrin per acre in 200 litr water.

Vegetables:

Tomato: Transplanted seedlings are at 6-8 week stage in main field. **Due to water stress, deficiency of boron or due to hormonal disbalance flower drop occurs.** Control: Apply timely and required amount of irrigation. Spray Boron 20% 2 gram/lit during early flowering and 15 days later. Due to increase in temperature there may be chances of **bacterial canker and Sun burn** disease in tomato at fruiting stage. To control bacterial canker Farmers should spray Copper oxychloride 50% WP @ 3 g + Plantomycin @ 1 g/litre of water. They should use shade net to protect the crop from sun burn. **Bacterial wilt** may be reported in tomato field, to control it drenching with copper oxychloride @ 3g+ plantomycin @1 g/ litre of water.

Potato: The main crop is ready for harvest within 75-85 days of planting depending upon the soil type and variety sown in our climatic condition of odisha. The crop is ready to harvest when majority of the leaves turn yellowish brown. Irrigation should be stopped 15 days before harvesting. Keep the harvested tubers in shed for 24 hours. All damaged and rotten tubers should be removed.

Onion: Do inter culture and hand weeding may be carried out at 45-50 DAT and application of 30-kg of urea and 15-kg of MOP fertilizer should be done at this stage. Onion being a shallow rooted crop, **needs frequent light irrigation to maintain optimum soil moisture for proper growth and bulb development.** There are chances of **purple blotch and Stemphyllium blight** disease incidence in onion crop. To manage purple blotch and Stemphyllium leaf blight disease in onion spray Mancozeb 75% WP @ 600gram/acre or Difenoconazole 25% E.C @ 200ml/acre or Tebuconazole 25.9% E.C @ 100ml/acre by mixing in 200 litre of water at 15 days interval.

Cucutbits: Tender fruit dropping (due to fungal attack or borer attack). To control late blight Spray during afternoon hours with Mancozeb 75% WP@ 2.5g per liter of water. For fruit dropping apply DiethaneM45@2.5g/liter of water and Propenophos@1.5ml/liter of water. **White fly:** Spray any of the pesticide 70% Imidacloprid 5 gram or Diapenthiuron 12.5 gram per 15 lit of water. There are chances of infestation of

Fruits: Mango: To prevent **fruit drop and increase fruit size of mango** spray planofix/thaitoazole @ 3ml/15liter of water along with compound micro nutrient @ 45gm/15liter of water. For **thrips** control, spraying of Acephate @1.5 g /litre of water is advocated.

Cashew: Prevailing conditions are suitable for the incidence of Tea mosquito bug. Farmers are advised to go for spraying of Neem oil @ 5ml/L + Monocrotophos @ 1.6ml/L at new blush stage and Chlorpyriqos @ 2ml/L at flowering stage. If inflorescence have flourished stop spraying of any insecticides. Hormones like NAA @ 2 ppm can be sprayed. FYM @25 kg per tree can be applied.

Mushroom: Initiate cultivation of paddy straw mushroom. As hot weather condition is prevailed in Cuttack district, Spray water if the mushrooms are at fruiting stage. Cover the Mushroom unit with water soaked Gunny bags to maintain the inside temperature.

Animal husbandry: As temperature is slightly increasing hence, apply need based minerals along with feed. Provide sufficient clean drinking water to animals and birds. Don't allow them graze during noon hours.



DrRanjan Kumar Mohanta
 (Nodal officer)

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**Bulletin No.-557
Date- 04/03/2025**

AGROMET ADVISORY BULLETIN FOR SALEPUR

District Past week average weather condition and Block past week average Rainfall condition

The block received average 00 mm and district received average 00 mm rainfall during the last week. The mean daily maximum and minimum temperature was 32.66°C (-1.25) and 20.28°C (+0.83), respectively. The mean relative humidity was 57-81%.

Forecasted period: Today(8.30IST) to 09th March (8.30IST)2025

Weather advisory: Dry weather is forecasted for next 5days in the block. The day temperature will be 32-35°C and night temperature will be 20-22°C for upcoming 5 days. Maximum and minimum relative humidity will be 90-97% and 10-23% respectively. There will be clear sky for next 5days.

Block	Salepur (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	04/03/2025	05/03/2025	06/03/2025	07/03/2025	08/03/2025
Rainfall(mm)	00	00	00	00	00
T-Max(°C)	34	35	32	33	33
T-Min(°C)	22	22	20	21	22
Cloud Cover(octa)	1	0	0	0	0
RH Max (%)	95	90	91	95	97
RH Min (%)	10	18	11	14	23
Wind Speed (Kmph)	10	10	7	9	13
Wind Direction (deg)	203	293	15	195	193

Agromet Advisory

General advisory:

Looking to the increasing rate of temperature and dry weather farmers are advised to irrigate their crop field as per requirement and farmers should cover the soil with white mulch/polythene to conserve the soil moisture.

Pulses:

November to December sown crop is at pod formation to seed development (nine to twelve week) stage. Flowering and pod development stage is sensitive to moisture stress; carry out irrigation as per the status of soil moisture. In case of YMV infestation uproots and destroys the infected plant and spray imidacloprid 50ml/acre mixing with 200 lit of water. For pod borer infestation, farmers are advised to keep keen watch over the crops and adopt integrated pest management practices like light trap, pheromone trap etc. For initial control. If necessary spray insecticides like Aciphate WP @ 250 g/ha (250 ml/ha) or Polytrin C @ 1 liter/ha.

Rabi-Groundnut: Do not disturb the soil after flower initiation in groundnut. Do irrigation in the field based upon soil moisture. Increase in temperature may enhance red hairy caterpillar and tobacco caterpillar infestation in groundnut; to control, spray Profenophos 50% EC @ 2 ml/litre of water or Flubendiamide 480 SC @ 0.2 ml/litre of water.

Mustard: Rainfed mustard sown during October is at maturity stage. Harvest the mustard crop as soon as the pods turn yellowish-brown. present weather may favour the infestation of saw fly, leaf Webber. To control saw fly, spray 400ml Endosulphan/acre, to control leaf webber spray 200 ml Ithofenprox or Deltamethrin per acre in 200 litr water.

Vegetables:

Tomato: Transplanted seedlings are at 6-8 week stage in main field. Due to water stress, deficiency of boron due to hormonal disbalance flower drop occurs. Control: Apply timely and required amount of irrigation. Spray Boron 20% 2 gram/lit during early flowering and 15 days later. Due to increase in temperature there may be chances of bacterial canker and Sun burn disease in tomato at fruiting stage. To control bacterial canker Farmers should spray Copper oxychloride 50% WP @ 3 g + Plantomycin @ 1 g/litre of water. They should use shade net to protect the crop from sun burn. Bacterial wilt may be reported in tomato field, to control it drenching with copper oxychloride @ 3g+ plantomycin @1 g/ litre of water.

Potato: The main crop is ready for harvest within 75-85 days of planting depending upon the soil type and variety sown in our climatic condition of odisha. The crop is ready to harvest when majority of the leaves turn yellowish brown. Irrigation should be stopped 15 days before harvesting. Keep the harvested tubers in shed for 24 hours. All damaged and rotten tubers should be removed.

Onion: Do inter culture and hand weeding may be carried out at 45-50 DAT and application of 30-kg of urea and 15-kg of MOP fertilizer should be done at this stage. Onion being a shallow rooted crop, needs frequent light irrigation to maintain optimum soil moisture for proper growth and bulb development. There are chances of purple blotch and Stemphyllium blight disease incidence in onion crop. To manage purple blotch and Stemphyllium leaf blight disease in onion spray Mancozeb 75% WP @ 600gram/acre or Difenconazole 25% E.C @ 200ml/acre or Tebuconazole 25.9% E.C @ 100ml/acre by mixing in 200 litre of water at 15 days interval.

Cucurbits: Tender fruit dropping (due to fungal attack or borer attack). To control late blight Spray during afternoon hours with Mancozeb 75% WP@ 2.5g per liter of water. For fruit dropping apply DiethaneM45@2.5g/liter of water and Propenophos@1..5ml/liter of water. **White fly:** Spray any of the pesticide 70% Imidacloprid 5 gram or Diafenthuron 12.5 gram per 15 lit of water. There are chances of infestation of

Fruits: Mango: To prevent fruit drop and increase fruit size of mango spray planofix/thaitoazole @ 3ml/15liter of water along with compound micro nutrient @ 45gm/15liter of water. For thrips control, spraying of Acephate @1.5 g /litre of water is advocated.

Cashew: Prevailing conditions are suitable for the incidence of Tea mosquito bug. Farmers are advised to go for spraying of Neem oil @ 5ml/L + Monocrotophos @ 1.6ml/L at new blush stage and Chlorpyriqos @ 2ml/L at flowering stage. If inflorescence have flourished stop spraying of any insecticides. Hormones like NAA @ 2 ppm can be sprayed. FYM @25 kg per tree can be applied.

Mushroom: Initiate cultivation of paddy straw mushroom. As hot weather condition is prevailed in Cuttack district, Spray water if the mushrooms are at fruiting stage. Cover the Mushroom unit with water soaked Gunny bags to maintain the inside temperature.

Animal husbandry: As temperature is slightly increasing hence, apply need based minerals along with feed. Provide sufficient clean drinking water to animals and birds. Don't allow them graze during noon hours.



**DrRanjan Kumar Mohanta
(Nodal officer)**

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APP for Lightning alert in your area**





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Bulletin No.-557
Date- 04/03/2025

AGROMET ADVISORY BULLETIN FOR TANGI-CHOUDWAR

District Past week average weather condition and Block past week average Rainfall condition

The block received average 00 mm and district received average 00 mm rainfall during the last week. The mean daily maximum and minimum temperature was 32.66°C (-1.25) and 20.28°C (+0.83), respectively. The mean relative humidity was 57-81%.

Forecasted period: Today(8.30IST) to 09th March (8.30IST)2025

Weather advisory: Dry weather is forecasted for next 5 days in the block. The day temperature will be 33-35°C and night temperature will be 22-24°C for upcoming 5 days. Maximum and minimum relative humidity will be 86-96% and 24-49% respectively. **There will be clear sky for next 5 days.**

Block	Tangi-Choudwar (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	04/03/2025	05/03/2025	06/03/2025	07/03/2025	08/03/2025
Rainfall(mm)	00	00	00	00	00
T-Max(°C)	35	34	33	33	33
T-Min(°C)	24	23	22	23	24
Cloud Cover(octa)	1	0	0	0	0
RH Max (%)	94	94	96	86	88
RH Min (%)	35	44	24	36	49
Wind Speed (Kmph)	14	17	13	13	16
Wind Direction (deg)	203	203	90	171	198

Agromet Advisory

General advisory:

Looking to the increasing rate of temperature and dry weather farmers are advised to irrigate their crop field as per requirement and farmers should cover the soil with white mulch/polythene to conserve the soil moisture.

Pulses:

November to December sown crop is at pod formation to seed development (nine to twelve week) stage. **Flowering and pod development stage is sensitive to moisture stress; carry out irrigation as per the status of soil moisture.** In case of **YMV infestation** uproots and destroys the infected plant and spray imidacloprid 50ml/acre mixing with 200 lit of water. For **pod borer infestation**, farmers are advised to keep keen watch over the crops and adopt integrated pest management practices like light trap, pheromone trap etc. For initial control. If necessary spray insecticides like Aciphate WP @ 250 g/ha (250 ml/ha) or Polytrin C @ 1 liter/ha.

Rabi-Groundnut: Do not disturb the soil after flower initiation in groundnut. Do irrigation in the field based upon soil moisture. **Increase in temperature may enhance red hairy caterpillar and tobacco caterpillar** infestation in groundnut; to control, spray Profenophos 50% EC @ 2 ml/litre of water or Flubendiamide 480 SC @ 0.2 ml/litre of water.

Mustard: Rainfed mustard sown during October is at maturity stage. Harvest the mustard crop as soon as the pods turn yellowish-brown. present weather may favour the infestation of **saw fly, leaf Webber**. To control saw fly, spray 400ml Endosulphan/acre, to control leaf webber spray 200 ml Ithofenprox or Deltamethrin per acre in 200 litr water.

Vegetables:

Tomato: Transplanted seedlings are at 6-8 week stage in main field. **Due to water stress, deficiency of boron due to hormonal disbalance flower drop occurs.** Control: Apply timely and required amount of irrigation. Spray Boron 20% 2 gram/lit during early flowering and 15 days later. Due to increase in temperature there may be chances of **bacterial canker and Sun burn** disease in tomato at fruiting stage. To control bacterial canker Farmers should spray Copper oxychloride 50% WP @ 3 g + Plantomycin @ 1 g/litre of water. They should use shade net to protect the crop from sun burn. **Bacterial wilt** may be reported in tomato field, to control it drenching with copper oxychloride @ 3g+ plantomycin @1 g/ litre of water.

Potato: The main crop is ready for harvest within 75-85 days of planting depending upon the soil type and variety sown in our climatic condition of odisha. The crop is ready to harvest when majority of the leaves turn yellowish brown. Irrigation should be stopped 15 days before harvesting. Keep the harvested tubers in shed for 24 hours. All damaged and rotten tubers should be removed.

Onion: Do inter culture and hand weeding may be carried out at 45-50 DAT and application of 30-kg of urea and 15-kg of MOP fertilizer should be done at this stage. Onion being a shallow rooted crop, **needs frequent light irrigation to maintain optimum soil moisture for proper growth and bulb development.** There are chances of **purple blotch and Stemphyllium blight** disease incidence in onion crop. To manage purple blotch and Stemphyllium leaf blight disease in onion spray Mancozeb 75% WP @ 600gram/acre or Difenconazole 25% E.C @ 200ml/acre or Tebuconazole 25.9% E.C @ 100ml/acre by mixing in 200 litre of water at 15 days interval.

Cucurbits: Tender fruit dropping (due to fungal attack or borer attack). To control late blight Spray during afternoon hours with Mancozeb 75% WP@ 2.5g per liter of water. For fruit dropping apply DiethaneM45@2.5g/liter of water and Propenophos@1..5ml/liter of water. **White fly:** Spray any of the pesticide 70% Imidacloprid 5 gram or Diafenthiuron 12.5 gram per 15 lit of water. There are chances of infestation of

Fruits: Mango: To prevent **fruit drop and increase fruit size of mango** spray planofix/thaitoazole @ 3ml/15liter of water along with compound micro nutrient @ 45gm/15liter of water. For **thrips** control, spraying of Acephate @1.5 g /litre of water is advocated.

Cashew: Prevailing conditions are suitable for the incidence of Tea mosquito bug. Farmers are advised to go for spraying of Neem oil @ 5ml/L + Monocrotophos @ 1.6ml/L at new blush stage and Chlorpyriqos @ 2ml/L at flowering stage. If inflorescence have flourished stop spraying of any insecticides. Hormones like NAA @ 2 ppm can be sprayed. FYM @25 kg per tree can be applied.

Mushroom: Initiate cultivation of paddy straw mushroom. As hot weather condition is prevailed in Cuttack district, Spray water if the mushrooms are at fruiting stage. Cover the Mushroom unit with water soaked Gunny bags to maintain the inside temperature.

Animal husbandry: As temperature is slightly increasing hence, apply need based minerals along with feed. Provide sufficient clean drinking water to animals and birds. Don't allow them graze during noon hours.



DrRanjan Kumar Mohanta
 (Nodal officer)

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Bulletin No.-557
Date- 04/03/2025

AGROMET ADVISORY BULLETIN FOR TIGIRIA

District Past week average weather condition and Block past week average Rainfall condition

The block received average 00 mm and district received average 00 mm rainfall during the last week. The mean daily maximum and minimum temperature was 32.66°C (-1.25) and 20.28°C (+0.83), respectively. The mean relative humidity was 57-81%.

Forecasted period: Today(8.30IST) to 09th March (8.30IST)2025

Weather advisory: Dry weather is forecasted for next 5 days in the block. The day temperature will be 33-35°C and night temperature will be 18-21°C for upcoming 5 days. Maximum and minimum relative humidity will be 31-98% and 05-13% respectively. There will be clear sky for next 5 days.

Block	Tigiria (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	04/03/2025	05/03/2025	06/03/2025	07/03/2025	08/03/2025
Rainfall(mm)	00	00	00	00	00
T-Max(°C)	35	35	33	33	34
T-Min(°C)	21	19	18	19	21
Cloud Cover(octa)	1	0	0	0	0
RH Max (%)	93	31	88	96	98
RH Min (%)	10	13	5	8	12
Wind Speed (Kmph)	10	10	8	7	10
Wind Direction (deg)	162	332	338	162	180

Agro met Advisory

General advisory: Looking to the increasing rate of temperature and dry weather farmers are advised to irrigate their crop field as per requirement and farmers should cover the soil with white mulch/polythene to conserve the soil moisture.

Pulses:

November to December sown crop is at pod formation to seed development (nine to twelve week) stage. Flowering and pod development stage is sensitive to moisture stress; carry out irrigation as per the status of soil moisture. In case of YMV infestation uproots and destroys the infected plant and spray imidacloprid 50ml/acre mixing with 200 lit of water. For pod borer infestation, farmers are advised to keep keen watch over the crops and adopt integrated pest management practices like light trap, pheromone trap etc. For initial control. If necessary spray insecticides like Aciphate WP @ 250 g/ha (250 ml/ha) or Polytrin C @ 1 liter/ha.

Rabi-Groundnut: Do not disturb the soil after flower initiation in groundnut. Do irrigation in the field based upon soil moisture. Increase in temperature may enhance red hairy caterpillar and tobacco caterpillar infestation in groundnut; to control, spray Profenophos 50% EC @ 2 ml/litre of water or Flubendiamide 480 SC @ 0.2 ml/litre of water.

Mustard: Rainfed mustard sown during October is at maturity stage. Harvest the mustard crop as soon as the pods turn yellowish-brown. present weather may favour the infestation of saw fly, leaf Webber. To control saw fly, spray 400ml Endosulphan/acre, to control leaf webber spray 200 ml Ithofenprox or Deltamethrin per acre in 200 litr water.

Vegetables:

Tomato: Transplanted seedlings are at 6-8 week stage in main field. Due to water stress, deficiency of boron or due to hormonal disbalance flower drop occurs. Control: Apply timely and required amount of irrigation. Spray Boron 20% 2 gram/lit during early flowering and 15 days later. Due to increase in temperature there may be chances of bacterial canker and Sun burn disease in tomato at fruiting stage. To control bacterial canker Farmers should spray Copper oxychloride 50% WP @ 3 g + Plantomycin @ 1 g/litre of water. They should use shade net to protect the crop from sun burn. Bacterial wilt may be reported in tomato field, to control it drenching with copper oxychloride @ 3g+ plantomycin @1 g/ litre of water.

Potato: The main crop is ready for harvest within 75-85 days of planting depending upon the soil type and variety sown in our climatic condition of odisha. The crop is ready to harvest when majority of the leaves turn yellowish brown. Irrigation should be stopped 15 days before harvesting. Keep the harvested tubers in shed for 24 hours. All damaged and rotten tubers should be removed.

Onion: Do inter culture and hand weeding may be carried out at 45-50 DAT and application of 30-kg of urea and 15-kg of MOP fertilizer should be done at this stage. Onion being a shallow rooted crop, needs frequent light irrigation to maintain optimum soil moisture for proper growth and bulb development. There are chances of purple blotch and Stemphyllium blight disease incidence in onion crop. To manage purple blotch and Stemphyllium leaf blight disease in onion spray Mancozeb 75% WP @ 600gram/acre or Difenoconazole 25% E.C @ 200ml/acre or Tebuconazole 25.9% E.C @ 100ml/acre by mixing in 200 litre of water at 15 days interval.

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- Kindly install and use **“Meghdoot mobile App”** for Cuttack district weather forecast, warnings and weather based agromet advisory services.
<https://play.google.com/store/apps/details?id=com.aas.meghdoot>
- Kindly install and use **“Damini mobile App”** for location specific for lightening forecast and warnings.
<https://play.google.com/store/apps/details?id=com.lightening.live.damini>
- Follow the **block specific whats app groups** and join in your block wise groups for getting weather based agromet advisory services twice in a week (Tuesday and Friday) and other weather warning based farm management advisories.
- Follow the **Official Website links** to get the weather based agromet advisory service bulletins (**English & Odia**) twice in a week (Tuesday and Friday).

1	ICAR-NRRI, Cuttack, Odisha	https://icar-nrri.in/agromate/	
2	Agrimet division, IMD, Pune	https://imdagrmet.gov.in/imdproject/AGIndex.php	



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