



GRAMIN KRISHI MAUSAM SEWA

INDIA METEOROLOGICAL DEPARTMENT  
DISTRICT AGROMET UNIT

KRISHI VIGYAN KENDRA CUTTACK

(A Unit of ICAR-National Rice Research Institute)

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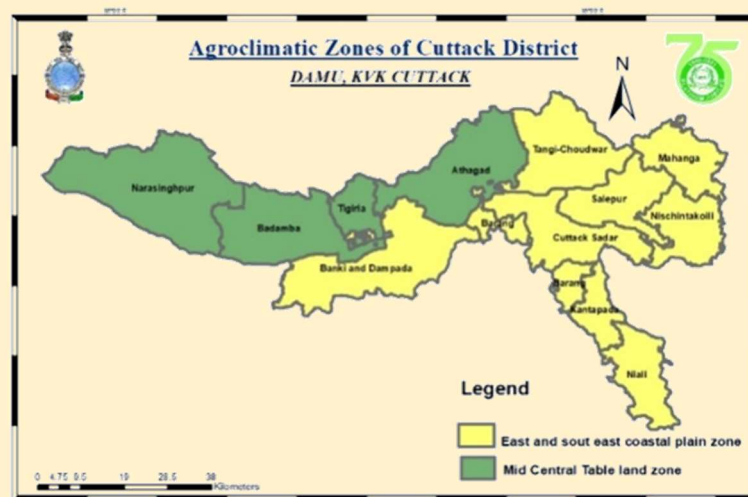


Bulletin No.-567

Date- 17/04/2025

# Cuttack District Block Wise Agro-met Advisory Service Bulletin

*Thursday, 17<sup>th</sup> April, 2025  
(For the period 17<sup>th</sup> to 21<sup>st</sup> April, 2025)*



*Issued by  
District Agromet Unit,  
KrishiVigyan Kendra Cuttack*



DrRanjan Kumar Mohanta  
(Nodal officer)

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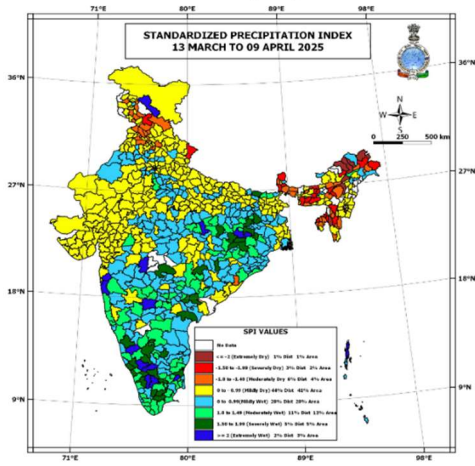
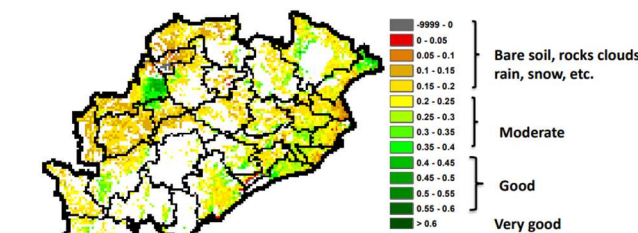


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**STANDARD PRECIPITATION INDEX AND NDVI MAP**

Standard Precipitation Index (SPI)	Normalized difference vegetation Index (NDVI)
<p style="text-align: center;">MINISTRY OF EARTH SCIENCES          INDIA METEOROLOGICAL DEPARTMENT          HYDROMET SECTION, CAUI, CRS PUNE</p> 	<p style="text-align: center;">NOAA/VIIRS/BLENDED NDVI Composite ending on Week no 13          (26.03.2025 to 01.04.2025) over Agricultural region</p> <p style="text-align: center;"><b>Odisha</b></p>  <p style="text-align: center;">Agriculture vigour is good at few places in the district of Bargarh and moderate at isolated places of the state.</p>
<p><b>As per SPI value (cumulative 4weeks -13 March to 09 April, 2025), mildly wet condition was there in Cuttack district.</b></p>	<p><b>According to NDVI map (26.03.2025 to 01.04.2025) the agriculture vigor was light to moderate over most places of Cuttack district.</b></p>

<b>LEGEND (Medium range block level rainfall forecast)</b>		
	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



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**General agro-met advisory for Thunderstorm/Lightening condition in Cuttack district**

- *As maximum early sown Green gram, Black gram, Mustard, Groundnut crops and cucurbits, Brinjal, Tomato, Okra crop are at harvesting stage harvest them before thundershower and store them at safer places.*
- *Stop sowing, fertilizer/Pesticide application and irrigation activities during rainy days.*
- *Start sowing of summer maize and cucurbits after thundershower by utilization of soil moisture.*
- In view of thunderstorm accompanied with gusty winds, provide mechanical support to orchards, staking in vegetables.
- In Banana Drain the excess water as soon as possible. Spray 1% KNO<sub>3</sub> or Urea 2% solution 2-3 times during vegetative to flowering stage. Topdressing of booster dose of 80 g MOP + 100 g Urea per plant in two to three splits at monthly intervals.
- Keep animals away from open water, pond or river.
- Keep animals away from tractors and other metal farm equipment.
- Drain out excess water from standing crops.
- Cover the harvested produce with polythene sheet.
- Don't allow your animals to congregate under trees. Watch your animals closely and try to keep them under your direct control.



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**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		Cercospera Leaf spot
				Leaf blight
				Rust
				Wilting
2	Maize	Vegetative		Maize stalk rot
				Red hairy cattrpillar
3	Brinjal	Fructing		Fruit and shoot borer
				Phomopsis Blight
				Epilachna Beetle/Hadda beetle
				Cercospera leaf spot
				Helicoverpa catterpillar



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4	Tomato	Fruting		Bacterial wilt
5	Okra	Vegetative to fruiting		Yellow vein mosaiv(YMV)
6	Cucurbits	Flowering to Fruiting stage		Red Pumpkin bettle
				Leaf spot
				Late blight
				Stem Rot
				Downy Mildew
				Fruit rot
7	Banana			Banana leaf spot/sigatoka
				Pseudo stem weevil
8	Mango	Fruiting stage		Fruit borer
				Fruit drop
				Bacterial Canker



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**Bulletin No.-567**  
**Date- 17/04/2025**

**AGROMET ADVISORY BULLETIN FOR ATHAGAD**

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

**The block received average 06 mm and district received average 05 mm rainfall during the last week. The mean daily maximum and minimum temperature was 35.08°C (-2.3) and 22.54°C (-1.56), respectively. The mean relative humidity was 65-84%.**

**Forecasted period: Today(8.30IST) to 22<sup>nd</sup> April (8.30IST)2025**

**Weather advisory: Light to moderate rainfall/Thundershower with gusty wind speed reaching 30-40 kmph is forecasted in between today and tomorrow and dry weather is forecasted for other 3days in the block.** The day temperature will be 36-38°C and night temperature will be 26-28°C for upcoming 5 days. Maximum and minimum relative humidity will be 79-84% and 22-37% respectively. There will be partly cloudy to overcast sky for next 5days.

Block	Athagad(VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	17/04/2025	18/04/2025	19/04/2025	20/04/2025	21/04/2025
Rainfall (mm)	12	07	00	00	00
T-Max (°C)	36	36	38	38	37
T-Min (°C)	28	26	27	28	27
Cloud Cover (octa)	2	2	1	2	2
RH Max (%)	83	83	84	84	79
RH Min (%)	32	25	22	32	37
Wind Speed (kmph)	21	21	22	23	23
Wind Direction (deg)	198	201	191	180	198

**Agromet Advisory**

**General advisory:** After completion of harvesting of rabi crops and before attending ploughing operation, farmers are advised to collect the soil sample from the field & send the sample to nearest soil testing laboratory for nutrient analysis. Soil testing should be done once in three years in rainfed situation and every three cropping season in irrigated situation.

**Pulses:** Harvest matured pulses before rainy day. Bacterial leaf blight are likely to increase in present situation in pulses due to realized rainfall; if observe, spray Streptomycin or Plantomycin @ 2 g/litre of water as foliar treatment. Rust infestation likely to occur in pulses, if observe spray Mancozeb 35.0%SC 3gram/ltr of water. Present weather is congenial for Cercospora leaf spot infestation in black gram crop. On occurrence, immediately spray Agrimycin or Streptomycin 2 g/litre, at an interval of 12-15 days, to effectively reduce pest population.

**Summer Maize:**

If there was infestation of Stem rot at vegetative stage as rainfall was realized in past, farmers may drench the crop root with Mancozeb 35.0%SC 3gram/ltr of water or validamycin 2ml/litre of water and there may increase the infestation of Red hairy caterpillar in maize after rainfall, to minimize the infestation farmers may spray Neem oil 5ml/ltr of water or Chlorpyrifos 20 % EC @ 2ml/litre of water.

**Vegetables:**

**Okra:** To control Yellow Vain Mosaic Virus (YVMV) in Okra apply Neem oil (10000 ppm) @ 20 ml/ 10 liter at dawn or use yellow sticky trap to control this disease.

**Brinjal:** There are chances of infestation of Epilachna Beetle/Haddabeetle in Brinjal and cucurbits crop; to manage Epilachna Beetle in cucurbits, spray neem-based pesticide (Azadirachtin) 1500 PPM @ 3ml/litre of water at early stage of infestation; to manage Epilachna Beetle chemically, spray Chlorpyrifos 20 % EC @ 2ml/litre of water or Profenophos 50 % EC @ 2ml/litre of water.

**FRUIT AND SHOOT BORER IN BRINJAL:** Spray Neem based pesticide 1500ppm@600ml/acre at initial stages. Later on go for alternate spray of Spinosad 45%SC@70ml/acre and Thiodicarb@250g/acre at 15 days interval. If phomopsis blight will occur in brinjal, then spray zineb75%WP 2gram/litre of water. Cercospora leaf spot may be found after rainfall, if observe, then spray Carbendazim or zineb75%WP 2gram/litre of water. If helicoverpa infestation will be found, spray Flunendiamide or indoxacarb 2ml/litre of water.

**Cucurbits:** To manage Red Pumpkin Beetle in Cucurbit crops spray Cyantraniliprole 10.26% OD @ 400-ml/acre or Imidacloprid 17.8% SL @ 60-ml/acre or Chlorpyrifos 20% EC @ 400-ml/acre. Late Blight may happen due to rising day temperature. There are chances of infestation of Downy Mildew in cucurbit vegetables. To manage this disease in cucurbits spray Copper Hydroxide 77 % WP 12 @ 3-gram/litre or Carbendazim 12 % + Mancozeb 63 % WP @ 2-gram/litre.

**Pointed gourd** is at flowering and fruiting stage. Don't go for weeding. The grasses and weeds will help in maintaining the humidity and it is safe for creeping of the vines and does not allow the fruit to come in contact with soil and avoid fruit rot. High temperature leads to fungal wilting in pointed gourd, spray 1.5 ml Carbendazim in 1 litre water. Present weather may aggravate fruit and vine rot (symptoms: leaf spot, leaf blight, stem rot, fruit rot) of pointed gourd. If observe remove damaged fruit and vines from the field and should not be kept in and around the field. Spray alternately Copper Oxichloride 50% WP @ 3 g/litre of water and Metalaxyl 8% + Mancozeb 64% @ 2.5 g/litre of water in clear and dry weather.

**Fruit:**

**Banana:** For leaf spot/sigatoka as a precautionary measure spray carbendazim + mancozeb @ 2.0 g / litre of water followed by (15 days after) chlorothalnil @ 2.0 g/ litre of water. For pseudo stem weevil Suggested to give stem injection with 5 ml Chlorpyrifos or Dimethoate or spray 2.5 ml of Chlorpyrifos per litre of water.

**Mango:** To control fruit drop, spray Borax @2gm per lit. of water and apply Planofix @2ml per 5 lit. of water. For control of mango fruit borer spray Neem oil 3ml + chlorpyrifos 1 ml per litre of water along with stickers at marble stage of the fruit. The spraying should be preferably carried out during evening hours. To control bacterial canker, three sprays of streptomycin (100 ppm) or Agrimycin-100 (100 ppm) after first visual symptom at 10- days intervals is recommended.

**Animal husbandry:** Make necessary arrangement for clean and sufficient drinking water for the animals.



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**(Nodal officer)**

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**Date- 17/04/2025**

**AGROMET ADVISORY BULLETIN FOR BADAMBA**

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

The block received average 01 mm and district received average 05 mm rainfall during the last week. The mean daily maximum and minimum temperature was 35.08°C (-2.3) and 22.54°C (-1.56), respectively. The mean relative humidity was 65-84%.

**Forecasted period: Today(8.30IST) to 22<sup>nd</sup> April (8.30IST)2025**

**Weather advisory:** Light to moderate rainfall/Thundershower with gusty wind speed reaching 30-40 kmph is forecasted in between today and tomorrow and dry weather is forecasted for other 3 days in the block. The day temperature will be 36-40°C and night temperature will be 25-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 78-86% and 20-34% respectively. There will be partly cloudy to overcast sky for next 5 days.

Block	Badamba (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	17/04/2025	18/04/2025	19/04/2025	20/04/2025	21/04/2025
Rainfall(mm)	12	06	00	00	00
T-Max(°C)	36	37	39	40	39
T-Min(°C)	26	25	25	27	26
Cloud Cover(octa)	1	1	1	1	3
RH Max (%)	80	83	86	83	78
RH Min (%)	31	24	20	29	34
Wind Speed (Kmph)	17	17	18	20	19
Wind Direction (deg)	193	191	163	167	180

**Agromet Advisory**

**General advisory:** After completion of harvesting of rabi crops and before attending ploughing operation, farmers are advised to collect the soil sample from the field & send the sample to nearest soil testing laboratory for nutrient analysis. Soil testing should be done once in three years in rainfed situation and every three cropping season in irrigated situation.

**Pulses:** Harvest matured pulses before rainy day. Bacterial leaf blight are likely to increase in present situation in pulses due to realized rainfall; if observe, spray Streptomycin or Plantomycin @ 2 g/litre of water as foliar treatment. Rust infestation likely to occur in pulses, if observe spray Mancozeb 35.0%SC 3gram/ltr of water. Present weather is congenial for Cercospora leaf spot infestation in black gram crop. On occurrence, immediately spray Agrimycin or Streptomycin 2 g/litre, at an interval of 12-15 days, to effectively reduce pest population.

**Summer Maize:**

If there was infestation of Stem rot at vegetative stage as rainfall was realized in past, farmers may drench the crop root with Mancozeb 35.0%SC 3gram/ltr of water or validamycin 2ml/litre of water and there may increase the infestation of Red hairy caterpillar in maize after rainfall, to minimize the infestation farmers may spray Neem oil 5ml/ltr of water or Chlorpyrifos 20 % EC @ 2ml/litre of water.

**Vegetables:**

**Okra:** To control Yellow Vain Mosaic Virus (YVMV) in Okra apply Neem oil (10000 ppm) @ 20 ml/ 10 liter at dawn or use yellow sticky trap to control this disease.

**Brinjal:** There are chances of infestation of Epilachna Beetle/Haddabeetle in Brinjal and cucurbits crop; to manage Epilachna Beetle in cucurbits, spray neem-based pesticide (Azadirachtin) 1500 PPM @ 3ml/litre of water at early stage of infestation; to manage Epilachna Beetle chemically, spray Chlorpyrifos 20 % EC @ 2ml/litre of water or Profenophos 50 % EC @ 2ml/litre of water.

**FRUIT AND SHOOT BORER IN BRINJAL:** Spray Neem based pesticide 1500ppm@600ml/acre at initial stages. Later on go for alternate spray of Spinosad 45%SC@70ml/acre and Thiodicarb@250g/acre at 15 days interval. If phomopsis blight will occur in brinjal, then spray zineb 75%WP 2gram/ltr of water. Cercospora leaf spot may be found after rainfall, if observe, then spray Carbendazim or zineb 75%WP 2gram/ltr of water. If helicoverpa infestation will be found, spray Flunendiamide or indoxacarb 2ml/ltr of water.

**Cucurbits:** To manage Red Pumpkin Beetle in Cucurbit crops spray Cyantraniliprole 10.26% OD @ 400-ml/acre or Imidacloprid 17.8% SL @ 60-ml/acre or Chlorpyrifos 20% EC @ 400-ml/acre. Late Blight may happen due to rising day temperature. There are chances of infestation of Downy Mildew in cucurbit vegetables. To manage this disease in cucurbits spray Copper Hydroxide 77 % WP 12 @ 3-gram/litre or Carbendazim 12 % + Mancozeb 63 % WP @ 2-gram/litre.

**Pointed gourd** is at flowering and fruiting stage. Don't go for weeding. The grasses and weeds will help in maintaining the humidity and it is safe for creeping of the vines and does not allow the fruit to come in contact with soil and avoid fruit rot. High temperature leads to fungal wilting in pointed gourd, spray 1.5 ml Carbendazim in 1 litre water. Present weather may aggravate fruit and vine rot (symptoms: leaf spot, leaf blight, stem rot, fruit rot) of pointed gourd. If observe remove damaged fruit and vines from the field and should not be kept in and around the field. Spray alternately Copper Oxychloride 50% WP @ 3 g/litre of water and Metalaxyl 8% + Mancozeb 64% @ 2.5 g/litre of water in clear and dry weather.

**Fruit:**

**Banana:** For leaf spot/sigatoka as a precautionary measure spray carbendazim + mancozeb @ 2.0 g / litre of water followed by (15 days after) chlorothalnil @ 2.0 g / litre of water. For pseudo stem weevil Suggested to give stem injection with 5 ml Chlorpyrifos or Dimethoate or spray 2.5 ml of Chlorpyrifos per litre of water.

**Mango:** To control fruit drop, spray Borax @ 2gm per lit. of water and apply Planofix @ 2ml per 5 lit. of water. For control of mango fruit borer spray Neem oil 3ml + chlorpyrifos 1 ml per litre of water along with stickers at marble stage of the fruit. The spraying should be preferably carried out during evening hours. To control bacterial canker, three sprays of streptomycin (100 ppm) or Agrimycin-100 (100 ppm) after first visual symptom at 10- days intervals is recommended.

**Animal husbandry:** Make necessary arrangement for clean and sufficient drinking water for the animals.



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**Date- 17/04/2025**

**AGROMET ADVISORY BULLETIN FOR BANKI**

**District Past week average weather condition**

The district received average 05 mm rainfall during the last week. The mean daily maximum and minimum temperature was 35.08°C (-2.3) and 22.54°C (-1.56), respectively. The mean relative humidity was 65-84%.

**Forecasted period: Today(8.30IST) to 22<sup>nd</sup> April (8.30IST)2025**

**Weather advisory:** *Light to moderate rainfall/Thundershower with gusty wind speed reaching 30-40 kmph is forecasted in between today and tomorrow and dry weather is forecasted for other 3days in the block.* The day temperature will be 36-39°C and night temperature will be 25-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 79-85% and 24-38% respectively. There will be partly cloudy to overcast sky for next 5days.

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Date	17/04/2025	18/04/2025	19/04/2025	20/04/2025	21/04/2025
Rainfall(mm)	12	07	00	00	00
T-Max(°C)	36	37	38	39	38
T-Min(°C)	27	25	26	27	26
Cloud Cover(octa)	1	2	0	1	2
RH Max (%)	81	84	85	84	79
RH Min (%)	33	27	24	34	38
Wind Speed (Kmph)	20	20	22	24	23
Wind Direction (deg)	198	198	193	180	198

**Agromet Advisory**

**General advisory:** After completion of harvesting of rabi crops and before attending ploughing operation, farmers are advised to collect the soil sample from the field & send the sample to nearest soil testing laboratory for nutrient analysis. Soil testing should be done once in three years in rainfed situation and every three cropping season in irrigated situation.

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**AGROMET ADVISORY BULLETIN FOR BANKI-DAMPADA**

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

The block received average 01 mm and district received average 05 mm rainfall during the last week. The mean daily maximum and minimum temperature was 35.08°C (-2.3) and 22.54°C (-1.56), respectively. The mean relative humidity was 65-84%.

**Forecasted period: Today(8.30IST) to 22<sup>nd</sup> April (8.30IST)2025**

**Weather Advisory:** Light to moderate rainfall/Thundershower with gusty wind speed reaching 30-40 kmph is forecasted in between today and tomorrow and dry weather is forecasted for other 3 days in the block. The day temperature will be 36-39°C and night temperature will be 25-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 80-85% and 26-39% respectively. There will be partly cloudy to overcast sky for next 5 days.

Block	Banki-Dampada (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	17/04/2025	18/04/2025	19/04/2025	20/04/2025	21/04/2025
Rainfall(mm)	12	07	00	00	00
T-Max(°C)	36	36	38	39	38
T-Min(°C)	27	25	26	27	26
Cloud Cover(octa)	1	1	0	2	2
RH Max (%)	82	84	85	84	80
RH Min (%)	33	27	26	35	39
Wind Speed (Kmph)	21	20	23	24	23
Wind Direction (deg)	198	198	193	180	198

**Agromet Advisory**

**General advisory:** After completion of harvesting of rabi crops and before attending ploughing operation, farmers are advised to collect the soil sample from the field & send the sample to nearest soil testing laboratory for nutrient analysis. Soil testing should be done once in three years in rainfed situation and every three cropping season in irrigated situation.

**Pulses:** Harvest matured pulses before rainy day. Bacterial leaf blight are likely to increase in present situation in pulses due to realized rainfall; if observe, spray Streptomycin or Plantomycin @ 2 g/litre of water as foliar treatment. Rust infestation likely to occur in pulses, if observe spray Mancozeb 35.0%SC 3gram/ltr of water. Present weather is congenial for Cercospora leaf spot infestation in black gram crop. On occurrence, immediately spray Agrimycin or Streptomycin 2 g/litre, at an interval of 12-15 days, to effectively reduce pest population.

**Summer Maize:**

If there was infestation of Stem rot at vegetative stage as rainfall was realized in past, farmers may drench the crop root with Mancozeb 35.0%SC 3gram/ltr of water or validamycin 2ml/litre of water and there may increase the infestation of Red hairy caterpillar in maize after rainfall, to minimize the infestation farmers may spray Neem oil 5ml/ltr of water or Chlorpyrifos 20 % EC @ 2ml/litre of water.

**Vegetables:**

**Okra:** To control Yellow Vain Mosaic Virus (YVMV) in Okra apply Neem oil (10000 ppm) @ 20 ml/ 10 liter at dawn or use yellow sticky trap to control this disease.

**Brinjal:** There are chances of infestation of Epilachna Beetle/Haddabeetle in Brinjal and cucurbits crop; to manage Epilachna Beetle in cucurbits, spray neem-based pesticide (Azadirachtin) 1500 PPM @ 3ml/litre of water at early stage of infestation; to manage Epilachna Beetle chemically, spray Chlorpyrifos 20 % EC @ 2ml/litre of water or Profenophos 50 % EC @ 2ml/litre of water.

**FRUIT AND SHOOT BORER IN BRINJAL:** Spray Neem based pesticide 1500ppm@600ml/acre at initial stages. Later on go for alternate spray of Spinosad 45%SC@70ml/acre and Thiodicarb@250g/acre at 15 days interval. If phomopsis blight will occur in brinjal, then spray zineb 75%WP 2gram/ltr of water. Cercospora leaf spot may be found after rainfall, if observe, then spray Carbendazim or zineb 75%WP 2gram/ltr of water. If helicoverpa infestation will be found, spray Flunendiamide or indoxacarb 2ml/ltr of water.

**Cucurbits:** To manage Red Pumpkin Beetle in Cucurbit crops spray Cyantraniliprole 10.26% OD @ 400-ml/acre or Imidacloprid 17.8% SL @ 60-ml/acre or Chlorpyrifos 20% EC @ 400-ml/acre. Late Blight may happen due to rising day temperature. There are chances of infestation of Downy Mildew in cucurbit vegetables. To manage this disease in cucurbits spray Copper Hydroxide 77 % WP 12 @ 3-gram/litre or Carbendazim 12 % + Mancozeb 63 % WP @ 2-gram/litre.

**Pointed gourd** is at flowering and fruiting stage. Don't go for weeding. The grasses and weeds will help in maintaining the humidity and it is safe for creeping of the vines and does not allow the fruit to come in contact with soil and avoid fruit rot. High temperature leads to fungal wilting in pointed gourd, spray 1.5 ml Carbendazim in 1 litre water. Present weather may aggravate fruit and vine rot (symptoms: leaf spot, leaf blight, stem rot, fruit rot) of pointed gourd. If observe remove damaged fruit and vines from the field and should not be kept in and around the field. Spray alternately Copper Oxychloride 50% WP @ 3 g/litre of water and Metalaxyl 8% + Mancozeb 64% @ 2.5 g/litre of water in clear and dry weather.

**Fruit:**

**Banana:** For leaf spot/sigatoka as a precautionary measure spray carbendazim + mancozeb @ 2.0 g / litre of water followed by (15 days after) chlorothalnil @ 2.0 g / litre of water. For pseudo stem weevil Suggested to give stem injection with 5 ml Chlorpyrifos or Dimethoate or spray 2.5 ml of Chlorpyrifos per litre of water.

**Mango:** To control fruit drop, spray Borax @2gm per lit. of water and apply Planofix @2ml per 5 lit. of water. For control of mango fruit borer spray Neem oil 3ml + chlorpyrifos 1 ml per litre of water along with stickers at marble stage of the fruit. The spraying should be preferably carried out during evening hours. To control bacterial canker, three sprays of streptomycin (100 ppm) or Agrimycin-100 (100 ppm) after first visual symptom at 10- days intervals is recommended.

**Animal husbandry:** Make necessary arrangement for clean and sufficient drinking water for the animals.



**DrRanjan Kumar Mohanta**  
**(Nodal officer)**

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**Bulletin No.-567**  
**Date- 17/04/2025**

**AGROMET ADVISORY BULLETIN FOR BARANGA**

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

**The block received average 11 mm and district received average 05 mm rainfall during the last week. The mean daily maximum and minimum temperature was 35.08°C (-2.3) and 22.54°C (-1.56), respectively. The mean relative humidity was 65-84%.**

**Forecasted period: Today(8.30IST) to 22<sup>nd</sup> April (8.30IST)2025**

**Weatheradvisory:; Light to moderate rainfall/Thundershower with gusty wind speed reaching 30-40 kmph is forecasted in between today and tomorrow and dry weather is forecasted for other 3days in the block.** The day temperature will be 34-37°C and night temperature will be 27-28°Cfor upcoming 5 days. Maximum and minimum relative humidity will be 81-83% and 33-43% respectively. There will be partly cloudy to overcast sky for next 5days.

Block	Baranga(VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	17/04/2025	18/04/2025	19/04/2025	20/04/2025	21/04/2025
Rainfall(mm)	12	08	00	00	00
T-Max(°C)	35	34	37	37	36
T-Min(°C)	28	27	28	28	27
Cloud Cover	2	1	1	3	1
RH Max (%)	83	83	83	81	82
RH Min (%)	37	33	34	38	43
Wind Speed (Kmph)	23	25	27	25	26
Wind Direction (deg)	201	201	203	201	203

**Agromet Advisory**

**General advisory:** After completion of harvesting of rabi crops and before attending ploughing operation, farmers are advised to collect the soil sample from the field & send the sample to nearest soil testing laboratory for nutrient analysis. Soil testing should be done once in three years in rainfed situation and every three cropping season in irrigated situation.

**Pulses:** Harvest matured pulses before rainy day. Bacterial leaf blight are likely to increase in present situation in pulses due to realized rainfall; if observe, spray Streptomycin or Plantomycin @ 2 g/litre of water as foliar treatment. Rust infestation likely to occur in pulses, if observe spray Mancozeb 35.0%SC 3gram/ltr of water. Present weather is congenial for Cercospora leaf spot infestation in black gram crop. On occurrence, immediately spray Agrimycin or Streptomycin2 g/litre, at an interval of 12-15 days, to effectively reduce pest population.

**Summer Maize:**

If there was infestation of Stem rot at vegetative stage as rainfall was realized in past, farmers may drench the crop root with Mancozeb 35.0%SC 3gram/ltr of water or validamycin 2ml/litre of water and there may increase the infestation of Red hairy caterpillar in maize after rainfall, to minimize the infestation farmers may spray Neem oil 5ml/ltr of water or Chlorpyrifos 20 % EC @ 2ml/litre of water.

**Vegetables:**

**Okra:** To control Yellow Vain Mosaic Virus (YVMV) in Okra apply Neem oil (10000 ppm) @ 20 ml/ 10 liter at dawn or use yellow sticky trap to control this disease.

**Brinjal:** There are chances of infestation of Epilachna Beetle/Haddabeetle in Brinjal and cucurbits crop; to manage Epilachna Beetle in cucurbits, spray neem-based pesticide (Azadirachtin) 1500 PPM @ 3ml/litre of water at early stage of infestation; to manage Epilachna Beetle chemically, spray Chlorpyrifos 20 % EC @ 2ml/litre of water or Profenophos 50 % EC @ 2ml/litre of water.

**FRUIT AND SHOOT BORER IN BRINJAL:** Spray Neem based pesticide 1500ppm@600ml/acre at initial stages. Later on go for alternate spray of Spinosad 45%SC@70ml/acre and Thiodicarb@250g/acre at 15 days interval. If phomopsis blight will occur in brinjal, then spray zineb75%WP 2gram/litr of water. Cercopspera leaf spot may be found after rainfall, if observe, then spray Carbendazim or zineb75%WP 2gram/litr of water. If helicoverpa infestation will be found, spray Flunendiamide or indoxacarb 2ml/litr of water.

**Cucurbits:** To manage Red Pumpkin Beetle in Cucurbit crops spray Cyantraniliprole 10.26% OD @ 400-ml/acre or Imidacloprid 17.8% SL @ 60-ml/acre or Chlorpyrifos 20% EC @ 400-ml/acre. Late Blight may happen due to rising day temperature. There are chances of infestation of Downy Mildew in cucurbit vegetables. To manage this disease in cucurbits spray Copper Hydroxide 77 % WP 12 @ 3-gram/litre or Carbendazim 12 % + Mancozeb 63 % WP @ 2-gram/litre.

**Pointed gourd** is at flowering and fruiting stage. Don't go for weeding .The grasses and weeds will help in maintaining the humidity and it is safe for creeping of the vines and does not allow the fruit to come in contact with soil and avoid fruit rot. High temperature leads to fungal wilting in pointed gourd, spray 1.5 ml Carbendazim in 1 litre water. Present weather may aggravate fruit and vine rot (symptoms: leaf spot, leaf blight, stem rot, fruit rot) of pointed gourd. If observe remove damaged fruit and vines from the field and should not be kept in and around the field. Spray alternately Copper Oxychloride 50% WP @ 3 g/litre of water and Metalaxyl 8% + Mancozeb 64% @ 2.5 g/litre of water in clear and dry weather.

**Fruit:**

**Banana:** For leaf spot/sigatoka as a precautionary measure spray carbendizim + mancozeb @ 2.0 g / litre of water followed by (15 days after) chlorothalanil@ 2.0 g/ litre of water. For pseudo stem weevil Suggested to give stem injection with 5 ml Chloropyrifos or Dimethoate or spray 2.5 ml of Chloropyrifos per litre of water.

**Mango:** To control fruit drop, spray Borax @2gm per lit. of water and apply Planofix @2ml per 5 lit. of water. For control of mango fruit borer spray Neem oil 3ml + chlorpyrifos 1 ml perlitre of water along with stickers at marble stage of the fruit. The spraying should be preferably carried out during evening hours. To control bacterial canker, three sprays of streptocycline (100 ppm) or Agrimycin-100 (100 ppm) after first visual symptom at 10- days intervals is recommended.

**Animal husbandry:** Make necessary arrangement for clean and sufficient drinking water for the animals.



**DrRanjan Kumar Mohanta**  
**(Nodal officer)**

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**Bulletin No.-567**  
**Date- 17/04/2025**

**AGROMET ADVISORY BULLETIN FOR CUTTACK SADAR**

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

**The block received average 13 mm and district received average 05 mm rainfall during the last week. The mean daily maximum and minimum temperature was 35.08°C (-2.3) and 22.54°C (-1.56), respectively. The mean relative humidity was 65-84%.**

**Forecasted period: Today(8.30IST) to 22<sup>nd</sup> April (8.30IST)2025**

**Weather advisory:** *Light to moderate rainfall/Thundershower with gusty wind speed reaching 30-40 kmph is forecasted in between today and tomorrow and dry weather is forecasted for other 3days in the block.* The day temperature will be 35-37°C and night temperature will be 27-28°C for upcoming 5 days. Maximum and minimum relative humidity will be 81-83% and 28-39% respectively. There will be partly cloudy to overcast sky for next 5days.

Block	Cuttack sadar (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	17/04/2025	18/04/2025	19/04/2025	20/04/2025	21/04/2025
Rainfall(mm)	13	08	00	00	00
T-Max(°C)	35	35	37	37	36
T-Min(°C)	28	27	28	28	27
Cloud Cover(octa)	2	1	1	2	1
RH Max (%)	83	83	82	81	81
RH Min (%)	34	29	28	35	39
Wind Speed (Kmph)	23	24	25	24	25
Wind Direction (deg)	201	201	203	201	203

**Agromet Advisory**

**General advisory:** After completion of harvesting of rabi crops and before attending ploughing operation, farmers are advised to collect the soil sample from the field & send the sample to nearest soil testing laboratory for nutrient analysis. Soil testing should be done once in three years in rainfed situation and every three cropping season in irrigated situation.

**Pulses:** Harvest matured pulses before rainy day. Bacterial leaf blight are likely to increase in present situation in pulses due to realized rainfall; if observe, spray Streptomycin or Plantomycin @ 2 g/litre of water as foliar treatment. Rust infestation likely to occur in pulses, if observe spray Mancozeb 35.0%SC 3gram/ltr of water. Present weather is congenial for Cercospora leaf spot infestation in black gram crop. On occurrence, immediately spray Agrimycin or Streptomycin 2 g/litre, at an interval of 12-15 days, to effectively reduce pest population.

**Summer Maize:**

If there was infestation of Stem rot at vegetative stage as rainfall was realized in past, farmers may drench the crop root with Mancozeb 35.0%SC 3gram/ltr of water or validamycin 2ml/litre of water and there may increase the infestation of Red hairy caterpillar in maize after rainfall, to minimize the infestation farmers may spray Neem oil 5ml/ltr of water or Chlorpyrifos 20 % EC @ 2ml/litre of water.

**Vegetables:**

**Okra:** To control Yellow Vain Mosaic Virus (YVMV) in Okra apply Neem oil (10000 ppm) @ 20 ml/ 10 liter at dawn or use yellow sticky trap to control this disease.

**Brinjal:** There are chances of infestation of Epilachna Beetle/Haddabeetle in Brinjal and cucurbits crop; to manage Epilachna Beetle in cucurbits, spray neem-based pesticide (Azadirachtin) 1500 PPM @ 3ml/litre of water at early stage of infestation; to manage Epilachna Beetle chemically, spray Chlorpyrifos 20 % EC @ 2ml/litre of water or Profenophos 50 % EC @ 2ml/litre of water.

**FRUIT AND SHOOT BORER IN BRINJAL:** Spray Neem based pesticide 1500ppm@600ml/acre at initial stages. Later on go for alternate spray of Spinosad 45%SC@70ml/acre and Thiodicarb@250g/acre at 15 days interval. If phomopsis blight will occur in brinjal, then spray zineb75%WP 2gram/ltr of water. Cercospora leaf spot may be found after rainfall, if observe, then spray Carbendazim or zineb75%WP 2gram/ltr of water. If helicoverpa infestation will be found, spray Flunendiamide or indoxacarb 2ml/ltr of water.

**Cucurbits:** To manage Red Pumpkin Beetle in Cucurbit crops spray Cyantraniliprole 10.26% OD @ 400-ml/acre or Imidacloprid 17.8% SL @ 60-ml/acre or Chlorpyrifos 20% EC @ 400-ml/acre. Late Blight may happen due to rising day temperature. There are chances of infestation of Downy Mildew in cucurbit vegetables. To manage this disease in cucurbits spray Copper Hydroxide 77 % WP 12 @ 3-gram/litre or Carbendazim 12 % + Mancozeb 63 % WP @ 2-gram/litre.

**Pointed gourd** is at flowering and fruiting stage. Don't go for weeding. The grasses and weeds will help in maintaining the humidity and it is safe for creeping of the vines and does not allow the fruit to come in contact with soil and avoid fruit rot. High temperature leads to fungal wilting in pointed gourd, spray 1.5 ml Carbendazim in 1 litre water. Present weather may aggravate fruit and vine rot (symptoms: leaf spot, leaf blight, stem rot, fruit rot) of pointed gourd. If observe remove damaged fruit and vines from the field and should not be kept in and around the field. Spray alternately Copper Oxychloride 50% WP @ 3 g/litre of water and Metalaxyl 8% + Mancozeb 64% @ 2.5 g/litre of water in clear and dry weather.

**Fruit:**

**Banana:** For leaf spot/sigatoka as a precautionary measure spray carbendazim + mancozeb @ 2.0 g / litre of water followed by (15 days after) chlorothalnil @ 2.0 g/ litre of water. For pseudo stem weevil Suggested to give stem injection with 5 ml Chlorpyrifos or Dimethoate or spray 2.5 ml of Chlorpyrifos per litre of water.

**Mango:** To control fruit drop, spray Borax @2gm per lit. of water and apply Planofix @2ml per 5 lit. of water. For control of mango fruit borer spray Neem oil 3ml + chlorpyrifos 1 ml per litre of water along with stickers at marble stage of the fruit. The spraying should be preferably carried out during evening hours. To control bacterial canker, three sprays of streptomycin (100 ppm) or Agrimycin-100 (100 ppm) after first visual symptom at 10- days intervals is recommended.

**Animal husbandry:** Make necessary arrangement for clean and sufficient drinking water for the animals.



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**(Nodal officer)**

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**Bulletin No.-567**  
**Date- 17/04/2025**

**AGROMET ADVISORY BULLETIN FOR KANTAPADA**

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

**The block received average 06 mm and district received average 05 mm rainfall during the last week. The mean daily maximum and minimum temperature was 35.08°C (-2.3) and 22.54°C (-1.56), respectively. The mean relative humidity was 65-84%.**

**Forecasted period: Today(8.30IST) to 22<sup>nd</sup> April (8.30IST)2025**

***Weatheradvisory: Light to moderate rainfall/Thundershower with gusty wind speed reaching 30-40 kmph is forecasted in between today and tomorrow and dry weather is forecasted for other 3days in the block.*** The day temperature will be 33-36°C and night temperature will be 27-28°C for upcoming 5 days. Maximum and minimum relative humidity will be 81-83% and 42-49% respectively. There will be partly cloudy to overcast sky for next 5days.

Block	Kantapada (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	17/04/2025	18/04/2025	19/04/2025	20/04/2025	21/04/2025
Rainfall(mm)	12	07	00	00	00
T-Max(°C)	35	33	35	36	35
T-Min(°C)	28	27	28	28	27
Cloud Cover(octa)	1	1	2	3	2
RH Max (%)	83	82	82	81	82
RH Min (%)	44	42	43	44	49
Wind Speed (Kmph)	23	26	28	26	26
Wind Direction (deg)	203	203	203	203	203

**Agromet Advisory**

**General advisory:** After completion of harvesting of rabi crops and before attending ploughing operation, farmers are advised to collect the soil sample from the field & send the sample to nearest soil testing laboratory for nutrient analysis. Soil testing should be done once in three years in rainfed situation and every three cropping season in irrigated situation.

**Pulses:** Harvest matured pulses before rainy day. Bacterial leaf blight are likely to increase in present situation in pulses due to realized rainfall; if observe, spray Streptomycin or Plantomycin @ 2 g/litre of water as foliar treatment. Rust infestation likely to occur in pulses, if observe spray Mancozeb 35.0%SC 3gram/ltr of water. Present weather is congenial for Cercospora leaf spot infestation in black gram crop. On occurrence, immediately spray Agrimycin or Streptomycin 2 g/litre, at an interval of 12-15 days, to effectively reduce pest population.

**Summer Maize:**

If there was infestation of Stem rot at vegetative stage as rainfall was realized in past, farmers may drench the crop root with Mancozeb 35.0%SC 3gram/ltr of water or validamycin 2ml/litre of water and there may increase the infestation of Red hairy caterpillar in maize after rainfall, to minimize the infestation farmers may spray Neem oil 5ml/ltr of water or Chlorpyrifos 20 % EC @ 2ml/litre of water.

**Vegetables:**

**Okra:** To control Yellow Vain Mosaic Virus (YVMV) in Okra apply Neem oil (10000 ppm) @ 20 ml/ 10 liter at dawn or use yellow sticky trap to control this disease.

**Brinjal:** There are chances of infestation of Epilachna Beetle/Haddabeetle in Brinjal and cucurbits crop; to manage Epilachna Beetle in cucurbits, spray neem-based pesticide (Azadirachtin) 1500 PPM @ 3ml/litre of water at early stage of infestation; to manage Epilachna Beetle chemically, spray Chlorpyrifos 20 % EC @ 2ml/litre of water or Profenophos 50 % EC @ 2ml/litre of water.

**FRUIT AND SHOOT BORER IN BRINJAL:** Spray Neem based pesticide 1500ppm@600ml/acre at initial stages. Later on go for alternate spray of Spinosad 45%SC@70ml/acre and Thiodicarb@250g/acre at 15 days interval. If phomopsis blight will occur in brinjal, then spray zineb75%WP 2gram/ltr of water. Cercospora leaf spot may be found after rainfall, if observe, then spray Carbendazim or zineb75%WP 2gram/ltr of water. If helicoverpa infestation will be found, spray Flunendiamide or indoxacarb 2ml/ltr of water.

**Cucurbits:** To manage Red Pumpkin Beetle in Cucurbit crops spray Cyantraniliprole 10.26% OD @ 400-ml/acre or Imidacloprid 17.8% SL @ 60-ml/acre or Chlorpyrifos 20% EC @ 400-ml/acre. Late Blight may happen due to rising day temperature. There are chances of infestation of Downy Mildew in cucurbit vegetables. To manage this disease in cucurbits spray Copper Hydroxide 77 % WP 12 @ 3-gram/litre or Carbendazim 12 % + Mancozeb 63 % WP @ 2-gram/litre.

**Pointed gourd** is at flowering and fruiting stage. Don't go for weeding. The grasses and weeds will help in maintaining the humidity and it is safe for creeping of the vines and does not allow the fruit to come in contact with soil and avoid fruit rot. High temperature leads to fungal wilting in pointed gourd, spray 1.5 ml Carbendazim in 1 litre water. Present weather may aggravate fruit and vine rot (symptoms: leaf spot, leaf blight, stem rot, fruit rot) of pointed gourd. If observe remove damaged fruit and vines from the field and should not be kept in and around the field. Spray alternately Copper Oxychloride 50% WP @ 3 g/litre of water and Metalaxyl 8% + Mancozeb 64% @ 2.5 g/litre of water in clear and dry weather.

**Fruit:**

**Banana:** For leaf spot/sigatoka as a precautionary measure spray carbendazim + mancozeb @ 2.0 g / litre of water followed by (15 days after) chlorothalnil@ 2.0 g/ litre of water. For pseudo stem weevil Suggested to give stem injection with 5 ml Chloropyrifos or Dimethoate or spray 2.5 ml of Chloropyrifos per litre of water.

**Mango:** To control fruit drop, spray Borax @2gm per lit. of water and apply Planofix @2ml per 5 lit. of water. For control of mango fruit borer spray Neem oil 3ml + chlorpyrifos 1 ml per litre of water along with stickers at marble stage of the fruit. The spraying should be preferably carried out during evening hours. To control bacterial canker, three sprays of streptomycin (100 ppm) or Agrimycin-100 (100 ppm) after first visual symptom at 10- days intervals is recommended.

**Animal husbandry:** Make necessary arrangement for clean and sufficient drinking water for the animals.



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**(Nodal officer)**

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**Bulletin No.-567**  
**Date- 17/04/2025**

**AGROMET ADVISORY BULLETIN FOR MAHANGA**

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

The block received average 02 mm and district received average 05 mm rainfall during the last week. The mean daily maximum and minimum temperature was 35.08°C (-2.3) and 22.54°C (-1.56), respectively. The mean relative humidity was 65-84%.

**Forecasted period: Today(8.30IST) to 22<sup>nd</sup> April (8.30IST)2025**

**Weather advisory:** Light to moderate rainfall/Thundershower with gusty wind speed reaching 30-40 kmph is forecasted in between today and tomorrow and dry weather is forecasted for other 3 days in the block. The day temperature will be and it will be 35-37°C and night temperature will be 26-28°C for upcoming 5 days. Maximum and minimum relative humidity will be 79-83% and 33-43% respectively. There will be partly cloudy to overcast sky for next 5 days.

Block	Mahanga (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	17/04/2025	18/04/2025	19/04/2025	20/04/2025	21/04/2025
Rainfall(mm)	13	08	00	00	00
T-Max(°C)	35	35	36	37	36
T-Min(°C)	27	26	28	28	27
Cloud Cover(octal)	1	0	1	3	1
RH Max (%)	83	82	81	79	82
RH Min (%)	39	33	35	38	43
Wind Speed (Kmph)	23	25	26	23	25
Wind Direction (deg)	203	201	203	201	203

**Agromet Advisory**

**General advisory:** After completion of harvesting of rabi crops and before attending ploughing operation, farmers are advised to collect the soil sample from the field & send the sample to nearest soil testing laboratory for nutrient analysis. Soil testing should be done once in three years in rainfed situation and every three cropping season in irrigated situation.

**Pulses:** Harvest matured pulses before rainy day. Bacterial leaf blight are likely to increase in present situation in pulses due to realized rainfall; if observe, spray Streptomycin or Plantomycin @ 2 g/litre of water as foliar treatment. Rust infestation likely to occur in pulses, if observe spray Mancozeb 35.0%SC 3gram/ltr of water. Present weather is congenial for Cercospora leaf spot infestation in black gram crop. On occurrence, immediately spray Agrimycin or Streptomycin 2 g/litre, at an interval of 12-15 days, to effectively reduce pest population.

**Summer Maize:**

If there was infestation of Stem rot at vegetative stage as rainfall was realized in past, farmers may drench the crop root with Mancozeb 35.0%SC 3gram/ltr of water or validamycin 2ml/litre of water and there may increase the infestation of Red hairy caterpillar in maize after rainfall, to minimize the infestation farmers may spray Neem oil 5ml/ltr of water or Chlorpyrifos 20 % EC @ 2ml/litre of water.

**Vegetables:**

**Okra:** To control Yellow Vain Mosaic Virus (YVMV) in Okra apply Neem oil (10000 ppm) @ 20 ml/ 10 liter at dawn or use yellow sticky trap to control this disease.

**Brinjal:** There are chances of infestation of Epilachna Beetle/Haddabeetle in Brinjal and cucurbits crop; to manage Epilachna Beetle in cucurbits, spray neem-based pesticide (Azadirachtin) 1500 PPM @ 3ml/litre of water at early stage of infestation; to manage Epilachna Beetle chemically, spray Chlorpyrifos 20 % EC @ 2ml/litre of water or Profenophos 50 % EC @ 2ml/litre of water.

**FRUIT AND SHOOT BORER IN BRINJAL:** Spray Neem based pesticide 1500ppm@600ml/acre at initial stages. Later on go for alternate spray of Spinosad 45%SC@70ml/acre and Thiodicarb@250g/acre at 15 days interval. If phomopsis blight will occur in brinjal, then spray zineb75%WP 2gram/ltr of water. Cercospora leaf spot may be found after rainfall, if observe, then spray Carbendazim or zineb75%WP 2gram/ltr of water. If helicoverpa infestation will be found, spray Flunendiamide or indoxacarb 2ml/ltr of water.

**Cucurbits:** To manage Red Pumpkin Beetle in Cucurbit crops spray Cyantraniliprole 10.26% OD @ 400-ml/acre or Imidacloprid 17.8% SL @ 60-ml/acre or Chlorpyrifos 20% EC @ 400-ml/acre. Late Blight may happen due to rising day temperature. There are chances of infestation of Downy Mildew in cucurbit vegetables. To manage this disease in cucurbits spray Copper Hydroxide 77 % WP 12 @ 3-gram/litre or Carbendazim 12 % + Mancozeb 63 % WP @ 2-gram/litre.

**Pointed gourd** is at flowering and fruiting stage. Don't go for weeding. The grasses and weeds will help in maintaining the humidity and it is safe for creeping of the vines and does not allow the fruit to come in contact with soil and avoid fruit rot. High temperature leads to fungal wilting in pointed gourd, spray 1.5 ml Carbendazim in 1 litre water. Present weather may aggravate fruit and vine rot (symptoms: leaf spot, leaf blight, stem rot, fruit rot) of pointed gourd. If observe remove damaged fruit and vines from the field and should not be kept in and around the field. Spray alternately Copper Oxychloride 50% WP @ 3 g/litre of water and Metalaxyl 8% + Mancozeb 64% @ 2.5 g/litre of water in clear and dry weather.

**Fruit:**

**Banana:** For leaf spot/sigatoka as a precautionary measure spray carbendazim + mancozeb @ 2.0 g / litre of water followed by (15 days after) chlorothalnil@ 2.0 g/ litre of water. For pseudo stem weevil Suggested to give stem injection with 5 ml Chlorpyrifos or Dimethoate or spray 2.5 ml of Chlorpyrifos per litre of water.

**Mango:** To control fruit drop, spray Borax @2gm per lit. of water and apply Planofix @2ml per 5 lit. of water. For control of mango fruit borer spray Neem oil 3ml + chlorpyrifos 1 ml per litre of water along with stickers at marble stage of the fruit. The spraying should be preferably carried out during evening hours. To control bacterial canker, three sprays of streptomycin (100 ppm) or Agrimycin-100 (100 ppm) after first visual symptom at 10- days intervals is recommended.

**Animal husbandry:** Make necessary arrangement for clean and sufficient drinking water for the animals.



**DrRanjan Kumar Mohanta**  
**(Nodal officer)**

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**Bulletin No.-567**  
**Date- 17/04/2025**

**AGROMET ADVISORY BULLETIN FOR NARASINGHPUR**

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

The block received average 03 mm and district received average 05 mm rainfall during the last week. The mean daily maximum and minimum temperature was 35.08°C (-2.3) and 22.54°C (-1.56), respectively. The mean relative humidity was 65-84%.

**Forecasted period: Today(8.30IST) to 22<sup>nd</sup> April (8.30IST)2025**

**Weather advisory:** Light to moderate rainfall/Thundershower with gusty wind speed reaching 30-40 kmph is forecasted in between today and tomorrow and dry weather is forecasted for other 3 days in the block. The day temperature will be 37-40°C and night temperature will be 23-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 77-88% and 15-27% respectively. There will be partly cloudy to overcast sky for next 5 days.

Block	Narasinghpur (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	17/04/2025	18/04/2025	19/04/2025	20/04/2025	21/04/2025
Rainfall(mm)	11	06	00	00	00
T-Max(°C)	37	37	40	40	40
T-Min(°C)	25	23	24	26	26
Cloud Cover(octa)	1	1	1	1	3
RH Max (%)	79	79	88	84	77
RH Min (%)	27	21	15	23	26
Wind Speed (Kmph)	11	12	10	13	13
Wind Direction (deg)	180	193	160	167	167

**Agromet Advisory**

**General advisory:** After completion of harvesting of rabi crops and before attending ploughing operation, farmers are advised to collect the soil sample from the field & send the sample to nearest soil testing laboratory for nutrient analysis. Soil testing should be done once in three years in rainfed situation and every three cropping season in irrigated situation.

**Pulses:** Harvest matured pulses before rainy day. Bacterial leaf blight are likely to increase in present situation in pulses due to realized rainfall; if observe, spray Streptomycin or Plantomycin @ 2 g/litre of water as foliar treatment. Rust infestation likely to occur in pulses, if observe spray Mancozeb 35.0%SC 3gram/ltr of water. Present weather is congenial for Cercospora leaf spot infestation in black gram crop. On occurrence, immediately spray Agrimycin or Streptomycin 2 g/litre, at an interval of 12-15 days, to effectively reduce pest population.

**Summer Maize:**

If there was infestation of Stem rot at vegetative stage as rainfall was realized in past, farmers may drench the crop root with Mancozeb 35.0%SC 3gram/ltr of water or validamycin 2ml/litre of water and there may increase the infestation of Red hairy caterpillar in maize after rainfall, to minimize the infestation farmers may spray Neem oil 5ml/ltr of water or Chlorpyrifos 20 % EC @ 2ml/litre of water.

**Vegetables:**

**Okra:** To control Yellow Vain Mosaic Virus (YVMV) in Okra apply Neem oil (10000 ppm) @ 20 ml/ 10 liter at dawn or use yellow sticky trap to control this disease.

**Brinjal:** There are chances of infestation of Epilachna Beetle/Haddabeetle in Brinjal and cucurbits crop; to manage Epilachna Beetle in cucurbits, spray neem-based pesticide (Azadirachtin) 1500 PPM @ 3ml/litre of water at early stage of infestation; to manage Epilachna Beetle chemically, spray Chlorpyrifos 20 % EC @ 2ml/litre of water or Profenophos 50 % EC @ 2ml/litre of water.

**FRUIT AND SHOOT BORER IN BRINJAL:** Spray Neem based pesticide 1500ppm@600ml/acre at initial stages. Later on go for alternate spray of Spinosad 45%SC@70ml/acre and Thiodicarb@250g/acre at 15 days interval. If phomopsis blight will occur in brinjal, then spray zineb 75%WP 2gram/ltr of water. Cercospora leaf spot may be found after rainfall, if observe, then spray Carbendazim or zineb 75%WP 2gram/ltr of water. If helicoverpa infestation will be found, spray Flunendiamide or indoxacarb 2ml/ltr of water.

**Cucurbits:** To manage Red Pumpkin Beetle in Cucurbit crops spray Cyantraniliprole 10.26% OD @ 400-ml/acre or Imidacloprid 17.8% SL @ 60-ml/acre or Chlorpyrifos 20% EC @ 400-ml/acre. Late Blight may happen due to rising day temperature. There are chances of infestation of Downy Mildew in cucurbit vegetables. To manage this disease in cucurbits spray Copper Hydroxide 77 % WP 12 @ 3-gram/litre or Carbendazim 12 % + Mancozeb 63 % WP @ 2-gram/litre.

**Pointed gourd** is at flowering and fruiting stage. Don't go for weeding. The grasses and weeds will help in maintaining the humidity and it is safe for creeping of the vines and does not allow the fruit to come in contact with soil and avoid fruit rot. High temperature leads to fungal wilting in pointed gourd, spray 1.5 ml Carbendazim in 1 litre water. Present weather may aggravate fruit and vine rot (symptoms: leaf spot, leaf blight, stem rot, fruit rot) of pointed gourd. If observe remove damaged fruit and vines from the field and should not be kept in and around the field. Spray alternately Copper Oxychloride 50% WP @ 3 g/litre of water and Metalaxyl 8% + Mancozeb 64% @ 2.5 g/litre of water in clear and dry weather.

**Fruit:**

**Banana:** For leaf spot/sigatoka as a precautionary measure spray carbendazim + mancozeb @ 2.0 g / litre of water followed by (15 days after) chlorothalanyl @ 2.0 g / litre of water. For pseudo stem weevil Suggested to give stem injection with 5 ml Chlorpyrifos or Dimethoate or spray 2.5 ml of Chlorpyrifos per litre of water.

**Mango:** To control fruit drop, spray Borax @2gm per lit. of water and apply Planofix @2ml per 5 lit. of water. For control of mango fruit borer spray Neem oil 3ml + chlorpyrifos 1 ml per litre of water along with stickers at marble stage of the fruit. The spraying should be preferably carried out during evening hours. To control bacterial canker, three sprays of streptomycin (100 ppm) or Agrimycin-100 (100 ppm) after first visual symptom at 10- days intervals is recommended.

**Animal husbandry:** Make necessary arrangement for clean and sufficient drinking water for the animals.



**DrRanjan Kumar Mohanta**  
**(Nodal officer)**

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**Bulletin No.-567**  
**Date- 17/04/2025**

**AGROMET ADVISORY BULLETIN FOR NIALI**

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

The block received average 03 mm and district received average 05 mm rainfall during the last week. The mean daily maximum and minimum temperature was 35.08°C (-2.3) and 22.54°C (-1.56), respectively. The mean relative humidity was 65-84%.

**Forecasted period: Today(8.30IST) to 22<sup>nd</sup> April (8.30IST)2025**

**Weather advisory:** Light to moderate rainfall/Thundershower with gusty wind speed reaching 30-40 kmph is forecasted in between today and tomorrow and dry weather is forecasted for other 3 days in the block. The day temperature will be 33-36°C and night temperature will be 27-28°C for upcoming 5 days. Maximum and minimum relative humidity will be 81-82% and 49-53% respectively. There will be partly cloudy to overcast sky for next 5 days.

Block	Niali (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	17/04/2025	18/04/2025	19/04/2025	20/04/2025	21/04/2025
Rainfall(mm)	12	08	00	00	00
T-Max(°C)	35	33	35	36	35
T-Min(°C)	28	27	28	28	27
Cloud Cover(octa)	1	1	2	2	2
RH Max (%)	82	82	81	82	82
RH Min (%)	49	49	49	49	53
Wind Speed(Kmph)	23	27	29	26	27
Wind Direction(deg)	203	203	203	203	203

**Agromet Advisory**

**General advisory:** After completion of harvesting of rabi crops and before attending ploughing operation, farmers are advised to collect the soil sample from the field & send the sample to nearest soil testing laboratory for nutrient analysis. Soil testing should be done once in three years in rainfed situation and every three cropping season in irrigated situation.

**Pulses:** Harvest matured pulses before rainy day. Bacterial leaf blight are likely to increase in present situation in pulses due to realized rainfall; if observe, spray Streptomycin or Plantomycin @ 2 g/litre of water as foliar treatment. Rust infestation likely to occur in pulses, if observe spray Mancozeb 35.0%SC 3gram/ltr of water. Present weather is congenial for Cercospora leaf spot infestation in black gram crop. On occurrence, immediately spray Agrimycin or Streptomycin 2 g/litre, at an interval of 12-15 days, to effectively reduce pest population.

**Summer Maize:**

If there was infestation of Stem rot at vegetative stage as rainfall was realized in past, farmers may drench the crop root with Mancozeb 35.0%SC 3gram/ltr of water or validamycin 2ml/litre of water and there may increase the infestation of Red hairy caterpillar in maize after rainfall, to minimize the infestation farmers may spray Neem oil 5ml/ltr of water or Chlorpyrifos 20 % EC @ 2ml/litre of water.

**Vegetables:**

**Okra:** To control Yellow Vain Mosaic Virus (YVMV) in Okra apply Neem oil (10000 ppm) @ 20 ml/ 10 liter at dawn or use yellow sticky trap to control this disease.

**Brinjal:** There are chances of infestation of Epilachna Beetle/Haddabeetle in Brinjal and cucurbits crop; to manage Epilachna Beetle in cucurbits, spray neem-based pesticide (Azadirachtin) 1500 PPM @ 3ml/litre of water at early stage of infestation; to manage Epilachna Beetle chemically, spray Chlorpyrifos 20 % EC @ 2ml/litre of water or Profenophos 50 % EC @ 2ml/litre of water.

**FRUIT AND SHOOT BORER IN BRINJAL:** Spray Neem based pesticide 1500ppm@600ml/acre at initial stages. Later on go for alternate spray of Spinosad 45%SC@70ml/acre and Thiodicarb@250g/acre at 15 days interval. If phomopsis blight will occur in brinjal, then spray zineb75%WP 2gram/litre of water. Cercospora leaf spot may be found after rainfall, if observe, then spray Carbendazim or zineb75%WP 2gram/litre of water. If helicoverpa infestation will be found, spray Flunendiamide or indoxacarb 2ml/litre of water.

**Cucurbits:** To manage Red Pumpkin Beetle in Cucurbit crops spray Cyantraniliprole 10.26% OD @ 400-ml/acre or Imidacloprid 17.8% SL @ 60-ml/acre or Chlorpyrifos 20% EC @ 400-ml/acre. Late Blight may happen due to rising day temperature. There are chances of infestation of Downy Mildew in cucurbit vegetables. To manage this disease in cucurbits spray Copper Hydroxide 77 % WP 12 @ 3-gram/litre or Carbendazim 12 % + Mancozeb 63 % WP @ 2-gram/litre.

**Pointed gourd** is at flowering and fruiting stage. Don't go for weeding. The grasses and weeds will help in maintaining the humidity and it is safe for creeping of the vines and does not allow the fruit to come in contact with soil and avoid fruit rot. High temperature leads to fungal wilting in pointed gourd, spray 1.5 ml Carbendazim in 1 litre water. Present weather may aggravate fruit and vine rot (symptoms: leaf spot, leaf blight, stem rot, fruit rot) of pointed gourd. If observe remove damaged fruit and vines from the field and should not be kept in and around the field. Spray alternately Copper Oxychloride 50% WP @ 3 g/litre of water and Metalaxyl 8% + Mancozeb 64% @ 2.5 g/litre of water in clear and dry weather.

**Fruit: Banana:** For leaf spot/sigatoka as a precautionary measure spray carbendizim + mancozeb @ 2.0 g / litre of water followed by (15 days after) chlorothalanyl @ 2.0 g / litre of water. For pseudo stem weevil Suggested to give stem injection with 5 ml Chlorpyrifos or Dimethoate or spray 2.5 ml of Chlorpyrifos per litre of water.

**Mango:** To control fruit drop, spray Borax @2gm per lit. of water and apply Planofix @2ml per 5 lit. of water. For control of mango fruit borer spray Neem oil 3ml + chlorpyrifos 1 ml per litre of water along with stickers at marble stage of the fruit. The spraying should be preferably carried out during evening hours. To control bacterial canker, three sprays of streptomycin (100 ppm) or Agrimycin-100 (100 ppm) after first visual symptom at 10- days intervals is recommended.

**Animal husbandry:** Make necessary arrangement for clean and sufficient drinking water for the animals.



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**(Nodal officer)**

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**Bulletin No.-567**  
**Date- 17/04/2025**

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

The block received average 03 mm and district received average 05 mm rainfall during the last week. The mean daily maximum and minimum temperature was 35.08°C (-2.3) and 22.54°C (-1.56), respectively. The mean relative humidity was 65-84%.

**Forecasted period: Today(8.30IST) to 22<sup>nd</sup> April (8.30IST)2025**

**Weather advisory:** *Light to moderate rainfall/Thundershower with gusty wind speed reaching 30-40 kmph is forecasted in between today and tomorrow and dry weather is forecasted for other 3days in the block.* The day temperature will be 34-37°C and night temperature will be 27-28°C for upcoming 5 days. Maximum and minimum relative humidity will be 80-83% and 36-45% respectively. There will be partly cloudy to overcast sky for next 5days.

Block	Nischintakoili (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	17/04/2025	18/04/2025	19/04/2025	20/04/2025	21/04/2025
Rainfall(mm)	13	07	00	00	00
T-Max(°C)	35	34	36	37	36
T-Min(°C)	28	27	28	28	27
Cloud Cover(octa)	1	0	1	3	1
RH Max (%)	83	82	80	80	82
RH Min (%)	41	36	39	41	45
Wind Speed (Kmph)	23	24	27	24	25
Wind Direction (deg)	203	201	203	201	203

**Agromet Advisory**

**General advisory:** After completion of harvesting of rabi crops and before attending ploughing operation, farmers are advised to collect the soil sample from the field & send the sample to nearest soil testing laboratory for nutrient analysis. Soil testing should be done once in three years in rainfed situation and every three cropping season in irrigated situation.

**Pulses:** Harvest matured pulses before rainy day. Bacterial leaf blight are likely to increase in present situation in pulses due to realized rainfall; if observe, spray Streptomycin or Plantomycin @ 2 g/litre of water as foliar treatment. Rust infestation likely to occur in pulses, if observe spray Mancozeb 35.0%SC 3gram/ltr of water. Present weather is congenial for Cercospora leaf spot infestation in black gram crop. On occurrence, immediately spray Agrimycin or Streptomycin 2 g/litre, at an interval of 12-15 days, to effectively reduce pest population.

**Summer Maize:**

If there was infestation of Stem rot at vegetative stage as rainfall was realized in past, farmers may drench the crop root with Mancozeb 35.0%SC 3gram/ltr of water or validamycin 2ml/litre of water and there may increase the infestation of Red hairy caterpillar in maize after rainfall, to minimize the infestation farmers may spray Neem oil 5ml/ltr of water or Chlorpyrifos 20 % EC @ 2ml/litre of water.

**Vegetables:**

**Okra:** To control Yellow Vain Mosaic Virus (YVMV) in Okra apply Neem oil (10000 ppm) @ 20 ml/ 10 liter at dawn or use yellow sticky trap to control this disease.

**Brinjal:** There are chances of infestation of Epilachna Beetle/Haddabeetle in Brinjal and cucurbits crop; to manage Epilachna Beetle in cucurbits, spray neem-based pesticide (Azadirachtin) 1500 PPM @ 3ml/litre of water at early stage of infestation; to manage Epilachna Beetle chemically, spray Chlorpyrifos 20 % EC @ 2ml/litre of water or Profenophos 50 % EC @ 2ml/litre of water.

**FRUIT AND SHOOT BORER IN BRINJAL:** Spray Neem based pesticide 1500ppm@600ml/acre at initial stages. Later on go for alternate spray of Spinosad 45%SC@70ml/acre and Thiodicarb@250g/acre at 15 days interval. If phomopsis blight will occur in brinjal, then spray zineb75%WP 2gram/ltr of water. Cercospora leaf spot may be found after rainfall, if observe, then spray Carbendazim or zineb75%WP 2gram/ltr of water. If helicoverpa infestation will be found, spray Flunendiamide or indoxacarb 2ml/ltr of water.

**Cucurbits:** To manage Red Pumpkin Beetle in Cucurbit crops spray Cyantraniliprole 10.26% OD @ 400-ml/acre or Imidacloprid 17.8% SL @ 60-ml/acre or Chlorpyrifos 20% EC @ 400-ml/acre. Late Blight may happen due to rising day temperature. There are chances of infestation of Downy Mildew in cucurbit vegetables. To manage this disease in cucurbits spray Copper Hydroxide 77 % WP 12 @ 3-gram/litre or Carbendazim 12 % + Mancozeb 63 % WP @ 2-gram/litre.

**Pointed gourd** is at flowering and fruiting stage. Don't go for weeding. The grasses and weeds will help in maintaining the humidity and it is safe for creeping of the vines and does not allow the fruit to come in contact with soil and avoid fruit rot. High temperature leads to fungal wilting in pointed gourd, spray 1.5 ml Carbendazim in 1 litre water. Present weather may aggravate fruit and vine rot (symptoms: leaf spot, leaf blight, stem rot, fruit rot) of pointed gourd. If observe remove damaged fruit and vines from the field and should not be kept in and around the field. Spray alternately Copper Oxychloride 50% WP @ 3 g/litre of water and Metalaxyl 8% + Mancozeb 64% @ 2.5 g/litre of water in clear and dry weather.

**Fruit:**

**Banana:** For leaf spot/sigatoka as a precautionary measure spray carbendazim + mancozeb @ 2.0 g / litre of water followed by (15 days after) chlorothalnil @ 2.0 g / litre of water. For pseudo stem weevil Suggested to give stem injection with 5 ml Chlorpyrifos or Dimethoate or spray 2.5 ml of Chlorpyrifos per litre of water.

**Mango:** To control fruit drop, spray Borax @2gm per lit. of water and apply Planofix @2ml per 5 lit. of water. For control of mango fruit borer spray Neem oil 3ml + chlorpyrifos 1 ml per litre of water along with stickers at marble stage of the fruit. The spraying should be preferably carried out during evening hours. To control bacterial canker, three sprays of streptomycin (100 ppm) or Agrimycin-100 (100 ppm) after first visual symptom at 10- days intervals is recommended.

**Animal husbandry:** Make necessary arrangement for clean and sufficient drinking water for the animals.



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**Bulletin No.-567**  
**Date- 17/04/2025**

**AGROMET ADVISORY BULLETIN FOR SALEPUR**

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

The block received average 04 mm and district received average 05 mm rainfall during the last week. The mean daily maximum and minimum temperature was 35.08°C (-2.3) and 22.54°C (-1.56), respectively. The mean relative humidity was 65-84%.

**Forecasted period: Today(8.30IST) to 22<sup>nd</sup> April (8.30IST)2025**

**Weather advisory:** Light to moderate rainfall/Thundershower with gusty wind speed reaching 30-40 kmph is forecasted in between today and tomorrow and dry weather is forecasted for other 3days in the block. The day temperature will be 34-37°C and night temperature will be 27-28°C for upcoming 5 days. Maximum and minimum relative humidity will be 80-83% and 34-44% respectively. There will be partly cloudy to overcast sky for next 5days.

Block	Salepur (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	17/04/2025	18/04/2025	19/04/2025	20/04/2025	21/04/2025
Rainfall(mm)	13	07	00	00	00
T-Max(°C)	35	34	36	37	36
T-Min(°C)	28	27	28	28	27
Cloud Cover(octa)	2	0	1	3	1
RH Max (%)	83	82	80	80	82
RH Min (%)	39	34	37	39	44
Wind Speed (Kmph)	23	24	26	24	25
Wind Direction (deg)	203	201	203	201	203

**Agromet Advisory**

**General advisory:** After completion of harvesting of rabi crops and before attending ploughing operation, farmers are advised to collect the soil sample from the field & send the sample to nearest soil testing laboratory for nutrient analysis. Soil testing should be done once in three years in rainfed situation and every three cropping season in irrigated situation.

**Pulses:** Harvest matured pulses before rainy day. Bacterial leaf blight are likely to increase in present situation in pulses due to realized rainfall; if observe, spray Streptomycin or Plantomycin @ 2 g/litre of water as foliar treatment. Rust infestation likely to occur in pulses, if observe spray Mancozeb 35.0%SC 3gram/ltr of water. Present weather is congenial for Cercospora leaf spot infestation in black gram crop. On occurrence, immediately spray Agrimycin or Streptomycin 2 g/litre, at an interval of 12-15 days, to effectively reduce pest population.

**Summer Maize:**

If there was infestation of Stem rot at vegetative stage as rainfall was realized in past, farmers may drench the crop root with Mancozeb 35.0%SC 3gram/ltr of water or validamycin 2ml/litre of water and there may increase the infestation of Red hairy caterpillar in maize after rainfall, to minimize the infestation farmers may spray Neem oil 5ml/ltr of water or Chlorpyrifos 20 % EC @ 2ml/litre of water.

**Vegetables:**

**Okra:** To control Yellow Vain Mosaic Virus (YVMV) in Okra apply Neem oil (10000 ppm) @ 20 ml/ 10 liter at dawn or use yellow sticky trap to control this disease.

**Brinjal:** There are chances of infestation of Epilachna Beetle/Haddabeetle in Brinjal and cucurbits crop; to manage Epilachna Beetle in cucurbits, spray neem-based pesticide (Azadirachtin) 1500 PPM @ 3ml/litre of water at early stage of infestation; to manage Epilachna Beetle chemically, spray Chlorpyrifos 20 % EC @ 2ml/litre of water or Profenophos 50 % EC @ 2ml/litre of water.

**FRUIT AND SHOOT BORER IN BRINJAL:** Spray Neem based pesticide 1500ppm@600ml/acre at initial stages. Later on go for alternate spray of Spinosad 45%SC@70ml/acre and Thiodicarb@250g/acre at 15 days interval. If phomopsis blight will occur in brinjal, then spray zineb75%WP 2gram/ltr of water. Cercospora leaf spot may be found after rainfall, if observe, then spray Carbendazim or zineb75%WP 2gram/ltr of water. If helicoverpa infestation will be found, spray Flunendiamide or indoxacarb 2ml/ltr of water.

**Cucurbits:** To manage Red Pumpkin Beetle in Cucurbit crops spray Cyantraniliprole 10.26% OD @ 400-ml/acre or Imidacloprid 17.8% SL @ 60-ml/acre or Chlorpyrifos 20% EC @ 400-ml/acre. Late Blight may happen due to rising day temperature. There are chances of infestation of Downy Mildew in cucurbit vegetables. To manage this disease in cucurbits spray Copper Hydroxide 77 % WP 12 @ 3-gram/litre or Carbendazim 12 % + Mancozeb 63 % WP @ 2-gram/litre.

**Pointed gourd** is at flowering and fruiting stage. Don't go for weeding. The grasses and weeds will help in maintaining the humidity and it is safe for creeping of the vines and does not allow the fruit to come in contact with soil and avoid fruit rot. High temperature leads to fungal wilting in pointed gourd, spray 1.5 ml Carbendazim in 1 litre water. Present weather may aggravate fruit and vine rot (symptoms: leaf spot, leaf blight, stem rot, fruit rot) of pointed gourd. If observe remove damaged fruit and vines from the field and should not be kept in and around the field. Spray alternately Copper Oxychloride 50% WP @ 3 g/litre of water and Metalaxyl 8% + Mancozeb 64% @ 2.5 g/litre of water in clear and dry weather.

**Fruit:**

**Banana:** For leaf spot/sigatoka as a precautionary measure spray carbendazim + mancozeb @ 2.0 g / litre of water followed by (15 days after) chlorothalnil@ 2.0 g / litre of water. For pseudo stem weevil Suggested to give stem injection with 5 ml Chlorpyrifos or Dimethoate or spray 2.5 ml of Chlorpyrifos per litre of water.

**Mango:** To control fruit drop, spray Borax @2gm per lit. of water and apply Planofix @2ml per 5 lit. of water. For control of mango fruit borer spray Neem oil 3ml + chlorpyrifos 1 ml per litre of water along with stickers at marble stage of the fruit. The spraying should be preferably carried out during evening hours. To control bacterial canker, three sprays of streptomycin (100 ppm) or Agrimycin-100 (100 ppm) after first visual symptom at 10- days intervals is recommended.

**Animal husbandry:** Make necessary arrangement for clean and sufficient drinking water for the animals.



**DrRanjan Kumar Mohanta**  
**(Nodal officer)**

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**Bulletin No.-567**  
**Date- 17/04/2025**

**AGROMET ADVISORY BULLETIN FOR TANGI-CHOUDWAR**

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

The block received average 03 mm and district received average 05 mm rainfall during the last week. The mean daily maximum and minimum temperature was 35.08°C (-2.3) and 22.54°C (-1.56), respectively. The mean relative humidity was 65-84%.

**Forecasted period: Today(8.30IST) to 22<sup>nd</sup> April (8.30IST)2025**

**Weather advisory:** Light to moderate rainfall/Thundershower with gusty wind speed reaching 30-40 kmph is forecasted in between today and tomorrow and dry weather is forecasted for other 3 days in the block. The day temperature will be 35-36°C and night temperature will be 29-30°C for upcoming 5 days. Maximum and minimum relative humidity will be 80-84% and 56-60% respectively. There will be partly cloudy to overcast sky for next 5 days.

Block	Tangi-Choudwar (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	17/04/2025	18/04/2025	19/04/2025	20/04/2025	21/04/2025
Rainfall(mm)	13	07	00	00	00
T-Max(°C)	35	35	35	36	35
T-Min(°C)	29	29	30	29	29
Cloud Cover(octa)	2	0	1	1	0
RH Max (%)	80	81	83	83	84
RH Min (%)	56	56	56	56	60
Wind Speed (Kmph)	25	27	30	25	27
Wind Direction (deg)	203	203	203	203	203

**Agromet Advisory**

**General advisory:** After completion of harvesting of rabi crops and before attending ploughing operation, farmers are advised to collect the soil sample from the field & send the sample to nearest soil testing laboratory for nutrient analysis. Soil testing should be done once in three years in rainfed situation and every three cropping season in irrigated situation.

**Pulses:** Harvest matured pulses before rainy day. Bacterial leaf blight are likely to increase in present situation in pulses due to realized rainfall; if observe, spray Streptomycin or Plantomycin @ 2 g/litre of water as foliar treatment. Rust infestation likely to occur in pulses, if observe spray Mancozeb 35.0%SC 3gram/ltr of water. Present weather is congenial for Cercospora leaf spot infestation in black gram crop. On occurrence, immediately spray Agrimycin or Streptomycin 2 g/litre, at an interval of 12-15 days, to effectively reduce pest population.

**Summer Maize:**

If there was infestation of Stem rot at vegetative stage as rainfall was realized in past, farmers may drench the crop root with Mancozeb 35.0%SC 3gram/ltr of water or validamycin 2ml/litre of water and there may increase the infestation of Red hairy caterpillar in maize after rainfall, to minimize the infestation farmers may spray Neem oil 5ml/ltr of water or Chlorpyrifos 20 % EC @ 2ml/litre of water.

**Vegetables:**

**Okra:** To control Yellow Vain Mosaic Virus (YVMV) in Okra apply Neem oil (10000 ppm) @ 20 ml/ 10 liter at dawn or use yellow sticky trap to control this disease.

**Brinjal:** There are chances of infestation of Epilachna Beetle/Haddabeetle in Brinjal and cucurbits crop; to manage Epilachna Beetle in cucurbits, spray neem-based pesticide (Azadirachtin) 1500 PPM @ 3ml/litre of water at early stage of infestation; to manage Epilachna Beetle chemically, spray Chlorpyrifos 20 % EC @ 2ml/litre of water or Profenophos 50 % EC @ 2ml/litre of water.

**FRUIT AND SHOOT BORER IN BRINJAL:** Spray Neem based pesticide 1500ppm@600ml/acre at initial stages. Later on go for alternate spray of Spinosad 45%SC@70ml/acre and Thiodicarb@250g/acre at 15 days interval. If phomopsis blight will occur in brinjal, then spray zineb75%WP 2gram/ltr of water. Cercospora leaf spot may be found after rainfall, if observe, then spray Carbendazim or zineb75%WP 2gram/ltr of water. If helicoverpa infestation will be found, spray Flunendiamide or indoxacarb 2ml/ltr of water.

**Cucurbits:** To manage Red Pumpkin Beetle in Cucurbit crops spray Cyantraniliprole 10.26% OD @ 400-ml/acre or Imidacloprid 17.8% SL @ 60-ml/acre or Chlorpyrifos 20% EC @ 400-ml/acre. Late Blight may happen due to rising day temperature. There are chances of infestation of Downy Mildew in cucurbit vegetables. To manage this disease in cucurbits spray Copper Hydroxide 77 % WP 12 @ 3-gram/litre or Carbendazim 12 % + Mancozeb 63 % WP @ 2-gram/litre.

**Pointed gourd** is at flowering and fruiting stage. Don't go for weeding. The grasses and weeds will help in maintaining the humidity and it is safe for creeping of the vines and does not allow the fruit to come in contact with soil and avoid fruit rot. High temperature leads to fungal wilting in pointed gourd, spray 1.5 ml Carbendazim in 1 litre water. Present weather may aggravate fruit and vine rot (symptoms: leaf spot, leaf blight, stem rot, fruit rot) of pointed gourd. If observe remove damaged fruit and vines from the field and should not be kept in and around the field. Spray alternately Copper Oxychloride 50% WP @ 3 g/litre of water and Metalaxyl 8% + Mancozeb 64% @ 2.5 g/litre of water in clear and dry weather.

**Fruit:**

**Banana:** For leaf spot/sigatoka as a precautionary measure spray carbendazim + mancozeb @ 2.0 g / litre of water followed by (15 days after) chlorothalnil@ 2.0 g / litre of water. For pseudo stem weevil Suggested to give stem injection with 5 ml Chlorpyrifos or Dimethoate or spray 2.5 ml of Chlorpyrifos per litre of water.

**Mango:** To control fruit drop, spray Borax @2gm per lit. of water and apply Planofix @2ml per 5 lit. of water. For control of mango fruit borer spray Neem oil 3ml + chlorpyrifos 1 ml per litre of water along with stickers at marble stage of the fruit. The spraying should be preferably carried out during evening hours. To control bacterial canker, three sprays of streptomycin (100 ppm) or Agrimycin-100 (100 ppm) after first visual symptom at 10- days intervals is recommended.

**Animal husbandry:** Make necessary arrangement for clean and sufficient drinking water for the animals.



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**Bulletin No.-567**  
**Date- 17/04/2025**

**AGROMET ADVISORY BULLETIN FOR TIGIRIA**

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

**The block received average 07 mm and district received average 05 mm rainfall during the last week. The mean daily maximum and minimum temperature was 35.08°C (-2.3) and 22.54°C (-1.56), respectively. The mean relative humidity was 65-84%.**

**Forecasted period: Today(8.30IST) to 22<sup>nd</sup> April (8.30IST)2025**

**Weatheradvisory: Light to moderate rainfall/Thundershower with gusty wind speed reaching 30-40 kmph is forecasted in between today and tomorrow and dry weather is forecasted for other 3days in the block. The day temperature will be 36-39°C and night temperature will be 25-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 78-85% and 20-36% respectively. There will be partly cloudy to overcast sky for next 5days.**

Block	Tigiria (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	17/04/2025	18/04/2025	19/04/2025	20/04/2025	21/04/2025
Rainfall(mm)	11	06	00	00	00
T-Max(°C)	36	36	38	39	38
T-Min(°C)	27	25	26	27	26
Cloud Cover(octa)	2	2	1	2	2
RH Max (%)	82	83	85	84	78
RH Min (%)	31	24	20	30	36
Wind Speed (Kmph)	19	19	20	22	21
Wind Direction (deg)	198	193	163	180	193

**Agromet Advisory**

**General advisory: After completion of harvesting of rabi crops and before attending ploughing operation, farmers are advised to collect the soil sample from the field & send the sample to nearest soil testing laboratory for nutrient analysis. Soil testing should be done once in three years in rainfed situation and every three cropping season in irrigated situation.**

**Pulses: Harvest matured pulses before rainy day. Bacterial leaf blight** are likely to increase in present situation in pulses due to realized rainfall; if observe, spray Streptomycin or Plantomycin @ 2 g/litre of water as foliar treatment. **Rust infestation** likely to occur in pulses, if observe spray Mancozeb 35.0%SC 3gram/ltr of water. Present weather is congenial for **Cercospora leaf spot** infestation in black gram crop. On occurrence, immediately spray Agrimycin or Streptomycin 2 g/litre, at an interval of 12-15 days, to effectively reduce pest population.

**Summer Maize:**

If there was infestation of **Stem rot** at vegetative stage as rainfall was realized in past, farmers may drench the crop root with Mancozeb 35.0%SC 3gram/ltr of water or validamycin 2ml/litre of water and there may increase the infestation of **Red hairy caterpillar** in maize after rainfall, to minimize the infestation farmers may spray Neem oil 5ml/ltr of water or Chlorpyrifos 20 % EC @ 2ml/litre of water.

**Vegetables:**

**Okra: To control Yellow Vain Mosaic Virus (YVMV) in Okra apply Neem oil (10000 ppm) @ 20 ml/ 10 liter at dawn or use yellow sticky trap to control this disease.**

**Brinjal: There are chances of infestation of Epilachna Beetle/Haddabeetle in Brinjal and cucurbits crop; to manage Epilachna Beetle in cucurbits, spray neem-based pesticide (Azadirachtin) 1500 PPM @ 3ml/litre of water at early stage of infestation; to manage Epilachna Beetle chemically, spray Chlorpyrifos 20 % EC @ 2ml/litre of water or Profenophos 50 % EC @ 2ml/litre of water.**

**FRUIT AND SHOOT BORER IN BRINJAL:** Spray Neem based pesticide 1500ppm@600ml/acre at initial stages. Later on go for alternate spray of Spinosad 45%SC@70ml/acre and Thiodicarb@250g/acre at 15 days interval. If **phomopsis blight** will occur in brinjal, then spray zineb 75%WP 2gram/ltr of water. **Cercospora leaf spot** may be found after rainfall, if observe, then spray Carbendazim or zineb 75%WP 2gram/ltr of water. If **helicoverpa** infestation will be found, spray Flunendiamide or indoxacarb 2ml/ltr of water.

**Cucurbits: To manage Red Pumpkin Beetle in Cucurbit crops spray Cyantraniliprole 10.26% OD @ 400-ml/acre or Imidacloprid 17.8% SL @ 60-ml/acre or Chlorpyrifos 20% EC @ 400-ml/acre. Late Blight may happen due to rising day temperature. There are chances of infestation of Downy Mildew in cucurbit vegetables. To manage this disease in cucurbits spray Copper Hydroxide 77 % WP 12 @ 3-gram/litre or Carbendazim 12 % + Mancozeb 63 % WP @ 2-gram/litre.**

**Pointed gourd** is at flowering and fruiting stage. Don't go for weeding. The grasses and weeds will help in maintaining the humidity and it is safe for creeping of the vines and does not allow the fruit to come in contact with soil and avoid fruit rot. High temperature leads to fungal wilting in pointed gourd, spray 1.5 ml Carbendazim in 1 litre water. Present weather may aggravate fruit and vine rot (symptoms: **leaf spot, leaf blight, stem rot, fruit rot**) of pointed gourd. If observe remove damaged fruit and vines from the field and should not be kept in and around the field. Spray alternately Copper Oxychloride 50% WP @ 3 g/litre of water and Metalaxyl 8% + Mancozeb 64% @ 2.5 g/litre of water in clear and dry weather.

**Fruit:**

**Banana: For leaf spot/sigatoka as a precautionary measure spray carbendazim + mancozeb @ 2.0 g / litre of water followed by (15 days after) chlorothalnil @ 2.0 g / litre of water. For pseudo stem weevil Suggested to give stem injection with 5 ml Chlorpyrifos or Dimethoate or spray 2.5 ml of Chlorpyrifos per litre of water.**

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**Animal husbandry: Make necessary arrangement for clean and sufficient drinking water for the animals.**



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Bulletin No.-567  
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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	<a href="https://icar-nrri.in/agromate/">https://icar-nrri.in/agromate/</a>	
2	Agrimet division, IMD, Pune	<a href="https://imdagrimet.gov.in/imdproject/AGIndex.php">https://imdagrimet.gov.in/imdproject/AGIndex.php</a>	



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