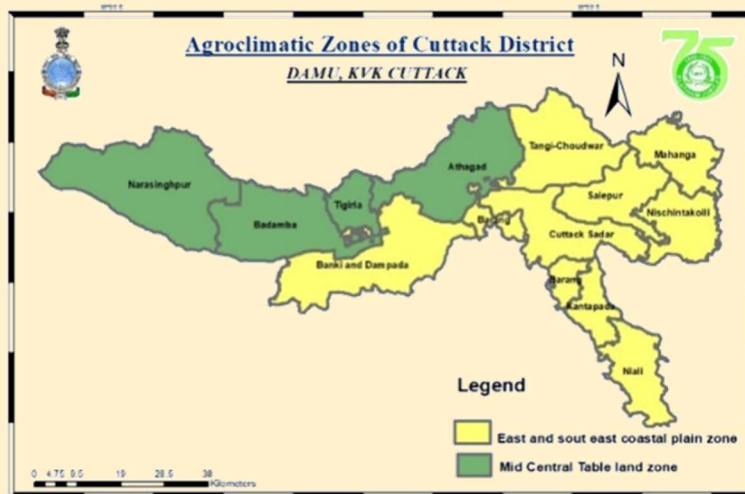




Cuttack District Block Wise Agro-met Advisory Service Bulletin

*Tuesday, 17th February, 2026
(For the period 17th to 21st February,
2026)*



*Issued by
District Agromet Unit,
KrishiVigyan Kendra Cuttack*





GRAMIN KRISHI MAUSAM SEWA
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Bulletin No.-618
Date- 17/02/2026

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;">STANDARDISED PRECIPITATION INDEX (SPI) RECENT 4 WEEK 15 JANUARY 2026 to 11 FEBRUARY 2026</p> <p style="text-align: center;">As per SPI value (cumulative 4weeks -15 January to 11 February 2026), Moderately dry condition was there in Cuttack district.</p>	<p style="text-align: center;">NOAA/VIIIRS/BLENDED NDVI Composite ending on Week no 06 (05.02.2026 to 11.02.2026) over Agricultural region</p> <p style="text-align: center;">Odisha</p> <p style="text-align: center;">Agriculture vigour is good at isolated places of the state.</p> <p style="text-align: center;">According to NDVI map (05.02.2026 to 11.02.2026) the agriculture vigor was very light to light over most blocks of Cuttack district.</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



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DrRanjan Kumar Mohanta
(Nodal officer)


















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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)	Vegetative stage to flowering		Powdery Mildew
				Flea beetles
	Mustard	Vegetative stage to flowering		Painted Bug
				Aphid
				Alternaria blight
3	Rabi Groundnut	Vegetative stage to flowering		Aphid and Mites
				Spodotera/Tobacco caterpillar
				Rust
4	Vegetables (Tomato, Chilli, Brinjal)	Vegetative to fruiting		Mites
				Chilli Aphid
5	Tomato	Flowering to Fruting		Late blight
				White fly
				Flower drop



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6	Potato	Sprouting/Vegetative stage		Potato tuber moth
				Late blight
7	Cabbage and Cauliflower	Vegetative to Flowering		Diamond back moth
8	Mango	Vegetative to Flowering		Mango hooper
				Mealy Bug
				Powdery Mildew
9	Papaya	Fruting stage		Mealy bug



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Bulletin No.-618
Date- 17/02/2026

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 29.85°C (-1.85 from normal) and 15.71°C (-2.01 from normal), respectively. The mean relative humidity was 55-86%.

Forecasted period: Today(8.30IST) to 22nd February (8.30IST)2026

Weather advisory: Dry weather is forecasted for upcoming 5 days in the block. The day temperature will be 33-36°C and night temperature will be 16-18°C for upcoming 5 days. Maximum and minimum relative humidity will be 74-83% and 14-17% respectively. There will be clear to partly cloudy sky for next 5 days.

Block	Athagad (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	17/02/2026	18/02/2026	19/02/2026	20/02/2026	21/02/2026
Rainfall (mm)	00	00	00	00	00
T-Max (°C)	33	34	35	36	36
T-Min (°C)	16	16	17	17	18
Cloud Cover (octa)	0	0	2	1	2
RH Max (%)	83	77	74	77	83
RH Min (%)	17	16	14	14	15
Wind Speed (kmph)	4	3	4	6	3
Wind Direction (deg)	336	315	318	320	304

Agromet Advisory

General Advisory: Provide light and frequent irrigation to standing vegetables and crops during morning and evening hours to prevent damage from moisture and high temperature stress.

- Foliar spray of 2%DAP +1% KCL (MOP) during critical stages of flowering and grain formation stage.
- Use of biofertilizer like Azotobacter, Azospirillum and phospho bacteria @10 packets (500g)/ha along with 25 kg of soil or FYM.
- To avoid flower and fruit drop spray planofix @ 1ml/4.5lit of water.
- Ridge and furrow irrigation should be practiced to conserve soil moisture in the main field.

Pulses:

Forecasted weather may aggravate the infestation of Flea beetle and powdery mildew in pulses. Spray neem oil 5 ml/L of water to control Flea beetle and spray 3 g Sulfex or 1 ml Propiconazole 10% EC or 1 ml Tebiconazole 25.9%EC per litre water for controlling Powdery mildew.

Rabi-Groundnut: Irrigate the groundnut crop at flowering stage as there will be no rainfall is forecasted.

Farmers are advised to do intercultivation and apply Gypsum @200 kg/ acre in Groundnut which is at flowering stage. To manage aphids Mites and thrips spray Thiamethoxam 25% W.G @ 40 gram/acre or Imidacloprid 17.8% SL @ 50-ml/acre by mixing it in 200 litre of water. Due to humid and foggy weather in past there may be infestation of leaf rust in Groundnut to control this apply tebuconazole 25.9% EC 2ml or bitertanol 25.0% WP 2 gram per liter water.

Mustard: As there are very less chances of rainfall so, one irrigation is needed at 50-60 days old plants based upon soil moisture status. To protect the mustard crop from the outbreak of drought at the time of ripening, make a solution of potassium nitrate 1 kg in 100 liter of water and spray at the flowering and pod stage of the crop. Painted bug and Aphid attack may take place in mustard crop, apply Thiamethoxam 25% WG @ 3g per 10 litres of water. To control the leaf blight of mustard, spray mancozeb @ 3 gram per liter or propeconazol @ 1 ml per liter at 15 days interval for 2-3 times.

Vegetables: Irrigate vegetable crops in 7-10 days interval based upon soil moisture. Thrips and mites are prominent pests in vegetables at present. To control both, spray Bifenthrin @1g/litre or Profenophos @2ml/litre of water. To control the sucking pests like aphid & white fly, spray Imidacloprid @ 5ml/10 lit of water.

• **Cabbage and Cauliflower:** The transplanted cabbage and Cauliflower is at head and Curd development to maturity (9-12 week) stage respectively. Harvest the matured heads and Curds in the upcoming dry days.

• **Tomato:** Transplanted seedlings are at 6-8 week stage in main field. Due to water stress in future, deficiency of boron or due to hormonal disbalance flower drop occurs. Apply timely and required amount of irrigation. Spray Boron 20% 2 gram/lit during early flowering and 15 days later. To manage late blight in tomato spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre at 10 days interval. To control white fly Spray Imidacloprid (18.7% S.L) 0.8 ml/lit of water or Acidamiprid 1 ml/lit of water or Diafenthiuron 12.5 gram/ 15 lit of water.

• **Potato:**

• As soil temperature at depth of 05-10cm has been raised above 30°C, which will drastically reduce the tuber yield, so farmers should go for application of soil mulch and frequent irrigation to maintain the soil temperature. There are chances of Potato Tuber Moth infestation in potato. To manage this pest chemically spray Spinosad 45 % SC @ 75-ml/acre or Emamectin Benzoate 5% SG @ 80-gram/ acre or Chlorantraniliprole 18.5 % SC @80- ml/acre. To manage late blight in potato spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre at 10 days interval.

• **Onion:** Onion being a shallow rooted crop, needs frequent light irrigation to maintain optimum soil moisture for proper growth and bulb development especially after 60 days. Rabi crop needs 10-15 irrigations at 7-10 days interval depending upon the soil moisture condition.

• **Fruits**

To control mealy bug infestation in papaya, guava, mango wet the soil near the root zone of the plant with Chlorpyrifos @ 4 ml per litre of water and spray the same insecticide on plant @ 2 ml per litre of water; do not pluck fruits within 15 days of spraying

Mango: Present weather conditions are favourable for the incidence of Mango hoppers. To control go for spraying of phosphamidon @ 0.5ml/l (or) dimethoate 2ml/l (or) chlorpyrifos @2.5ml/l. during initial stages of flowering.



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Bulletin No.-618
Date- 17/02/2026

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 29.85°C (-1.85 from normal) and 15.71°C (-2.01 from normal), respectively. The mean relative humidity was 55-86%.

Forecasted period: Today(8.30IST) to 22nd February (8.30IST)2026

Weather advisory: Dry weather is forecasted for upcoming 5 days in the block. The day temperature will be 32-36°C and night temperature will be 17°C for upcoming 5 days. Maximum and minimum relative humidity will be 72-80% and 14-22% respectively. There will be clear to partly cloudy sky for next 5 days.

Block	Badamba (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	17/02/2026	18/02/2026	19/02/2026	20/02/2026	21/02/2026
Rainfall(mm)	00	00	00	00	00
T-Max(°C)	32	33	34	35	36
T-Min(°C)	17	17	17	17	17
Cloud Cover(octa)	1	0	0	1	2
RH Max (%)	80	74	72	73	73
RH Min (%)	22	18	16	14	14
Wind Speed (Kmph)	4	5	5	6	4
Wind Direction (deg)	331	306	321	333	290

Agromet Advisory

General Advisory: Provide light and frequent irrigation to standing vegetables and crops during morning and evening hours to prevent damage from moisture and high temperature stress.

- Foliar spray of 2% DAP + 1% KCL (MOP) during critical stages of flowering and grain formation stage.
- Use of biofertilizer like Azotobacter, Azospirillum and phospho bacteria @ 10 packets (500g)/ha along with 25 kg of soil or FYM.
- To avoid flower and fruit drop spray planofix @ 1ml/4.5lit of water.
- Ridge and furrow irrigation should be practiced to conserve soil moisture in the main field.

Pulses:

Forecasted weather may aggravate the infestation of Flea beetle and powdery mildew in pulses. Spray neem oil 5 ml/L of water to control Flea beetle and spray 3 g Sulfex or 1 ml Propiconazole 10% EC or 1 ml Tebiconazole 25.9% EC per litre water for controlling Powdery mildew.

Rabi-Groundnut: Irrigate the groundnut crop at flowering stage as there will be no rainfall is forecasted.

Farmers are advised to do intercultivation and apply Gypsum @ 200 kg/ acre in Groundnut which is at flowering stage. To manage aphids Mites and thrips spray Thiamethoxam 25% W.G @ 40 gram/acre or Imidacloprid 17.8% SL @ 50-ml/acre by mixing it in 200 litre of water. Due to humid and foggy weather in past there may be infestation of leaf rust in Groundnut to control this apply tebuconazole 25.9% EC 2ml or bitertanol 25.0% WP 2 gram per liter water.

Mustard: As there are very less chances of rainfall so, one irrigation is needed at 50-60 days old plants based upon soil moisture status. To protect the mustard crop from the outbreak of drought at the time of ripening, make a solution of potassium nitrate 1 kg in 100 liter of water and spray at the flowering and pod stage of the crop. Painted bug and Aphid attack may take place in mustard crop, apply Thiamethoxam 25% WG @ 3g per 10 litres of water. To control the leaf blight of mustard, spray mancozeb @ 3 gram per liter or propeconazol @ 1 ml per liter at 15 days interval for 2-3 times.

Vegetables: Irrigate vegetable crops in 7-10 days interval based upon soil moisture. Thrips and mites are prominent pests in vegetables at present. To control both, spray Bifenthrin @ 1g/litre or Profenophos @ 2ml/litre of water. To control the sucking pests like aphid & white fly, spray Imidacloprid @ 5ml/10 lit of water.

- **Cabbage and Cauliflower:** The transplanted cabbage and Cauliflower is at head and Curd development to maturity (9-12 week) stage respectively. Harvest the matured heads and Curds in the upcoming dry days.

- **Tomato:** Transplanted seedlings are at 6-8 week stage in main field. Due to water stress in future, deficiency of boron or due to hormonal disbalance flower drop occurs. Apply timely and required amount of irrigation. Spray Boron 20% 2 gram/lit during early flowering and 15 days later. To manage late blight in tomato spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre at 10 days interval. To control white fly Spray Imidacloprid (18.7% S.L) 0.8 ml/lit of water or Acidamiprid 1 ml/lit of water or Diafenthion 12.5 gram/ 15 lit of water.

Potato:

- As soil temperature at depth of 05-10cm has been raised above 30°C, which will drastically reduce the tuber yield, so farmers should go for application of soil mulch and frequent irrigation to maintain the soil temperature. There are chances of Potato Tuber Moth infestation in potato. To manage this pest chemically spray Spinosad 45 % SC @ 75-ml/acre or Emamectin Benzoate 5% SG @ 80-gram/ acre or Chlorantraniliprole 18.5 % SC @ 80- ml/acre. To manage late blight in potato spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre at 10 days interval.

- **Onion:** Onion being a shallow rooted crop, needs frequent light irrigation to maintain optimum soil moisture for proper growth and bulb development especially after 60 days. Rabi crop needs 10-15 irrigations at 7-10 days interval depending upon the soil moisture condition.

Fruits

To control mealy bug infestation in papaya, guava, mango wet the soil near the root zone of the plant with Chlorpyrifos @ 4 ml per litre of water and spray the same insecticide on plant @ 2 ml per litre of water; do not pluck fruits within 15 days of spraying

Mango: Present weather conditions are favourable for the incidence of Mango hoppers. To control go for spraying of phosphamidon @ 0.5ml/l (or) dimethoate 2ml/l (or) chlorpyrifos @ 2.5ml/l. during initial stages of flowering.



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Bulletin No.-618
Date- 17/02/2026

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 29.85°C (-1.85 from normal) and 15.71°C (-2.01 from normal), respectively. The mean relative humidity was 55-86%.

Forecasted period: Today(8.30IST) to 22nd February (8.30IST)2026

Weather advisory: Dry weather is forecasted for upcoming 5 days in the block. The day temperature will be 33-36°C and night temperature will be 16-18°C for upcoming 5 days. Maximum and minimum relative humidity will be 74-86% and 14-19% respectively. There will be clear to partly cloudy sky for next 5 days.

Block	Banki (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	17/02/2026	18/02/2026	19/02/2026	20/02/2026	21/02/2026
Rainfall(mm)	00	00	00	00	00
T-Max(°C)	33	34	35	36	36
T-Min(°C)	16	16	17	17	18
Cloud Cover(octa)	0	0	2	1	2
RH Max (%)	86	79	74	74	79
RH Min (%)	19	16	15	14	14
Wind Speed (Kmph)	3	4	4	6	2
Wind Direction (deg)	333	307	318	337	323

Agromet Advisory

General Advisory: Provide light and frequent irrigation to standing vegetables and crops during morning and evening hours to prevent damage from moisture and high temperature stress.

- Foliar spray of 2%DAP +1% KCL (MOP) during critical stages of flowering and grain formation stage.
- Use of biofertilizer like Azotobacter, Azospirillum and phospho bacteria @10 packets (500g)/ha along with 25 kg of soil or FYM.
- To avoid flower and fruit drop spray planofix @ 1ml/4.5lit of water.
- Ridge and furrow irrigation should be practiced to conserve soil moisture in the main field.

Pulses:

Forecasted weather may aggravate the infestation of Flea beetle and powdery mildew in pulses. Spray neem oil 5 ml/L of water to control Flea beetle and spray 3 g Sulfex or 1 ml Propiconazole 10% EC or 1 ml Tebuconazole 25.9% EC per litre water for controlling Powdery mildew.

Rabi-Groundnut: Irrigate the groundnut crop at flowering stage as there will be no rainfall is forecasted.

Farmers are advised to do intercultivation and apply Gypsum @200 kg/ acre in Groundnut which is at flowering stage. To manage aphids Mites and thrips spray Thiamethoxam 25% W.G @ 40 gram/acre or Imidacloprid 17.8% SL @ 50-ml/acre by mixing it in 200 litre of water. Due to humid and foggy weather in past there may be infestation of leaf rust in Groundnut to control this apply tebuconazole 25.9% EC 2ml or bitertanol 25.0% WP 2 gram per liter water.

Mustard: As there are very less chances of rainfall so, one irrigation is needed at 50-60 days old plants based upon soil moisture status. To protect the mustard crop from the outbreak of drought at the time of ripening, make a solution of potassium nitrate 1 kg in 100 liter of water and spray at the flowering and pod stage of the crop. Painted bug and Aphid attack may take place in mustard crop, apply Thiamethoxam 25% WG @ 3g per 10 litres of water. To control the leaf blight of mustard, spray mancozeb @ 3 gram per liter or propeconazol @ 1 ml per liter at 15 days interval for 2-3 times.

Vegetables: Irrigate vegetable crops in 7-10 days interval based upon soil moisture. Thrips and mites are prominent pests in vegetables at present. To control both, spray Bifenthrin @1g/litre or Profenophos @2ml/litre of water. To control the sucking pests like aphid & white fly, spray Imidacloprid @ 5ml/10 lit of water.

- **Cabbage and Cauliflower:** The transplanted cabbage and Cauliflower is at head and Curd development to maturity (9-12 week) stage respectively. Harvest the matured heads and Curds in the upcoming dry days.

- **Tomato:** Transplanted seedlings are at 6-8 week stage in main field. Due to water stress in future, deficiency of boron due to hormonal disbalance flower drop occurs. Apply timely and required amount of irrigation. Spray Boron 20% 2 gram/lit during early flowering and 15 days later. To manage late blight in tomato spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre at 10 days interval. To control white fly Spray Imidacloprid (18.7% S.L) 0.8 ml/lit of water or Acidamidrid 1 ml/lit of water or Diafenthhiuron 12.5 gram/ 15 lit of water.

• **Potato:**

- As soil temperature at depth of 05-10cm has been raised above 30°C, which will drastically reduce the tuber yield, so farmers should go for application of soil mulch and frequent irrigation to maintain the soil temperature. There are chances of Potato Tuber Moth infestation in potato. To manage this pest chemically spray Spinosad 45 % SC @ 75-ml/acre or Emamectin Benzoate 5% SG @ 80-gram/ acre or Chlorantraniliprole 18.5 % SC @80- ml/acre. To manage late blight in potato spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre at 10 days interval.

- **Onion:** Onion being a shallow rooted crop, needs frequent light irrigation to maintain optimum soil moisture for proper growth and bulb development especially after 60 days. Rabi crop needs 10-15 irrigations at 7-10 days interval depending upon the soil moisture condition.

• **Fruits**

To control mealy bug infestation in papaya, guava, mango wet the soil near the root zone of the plant with Chlorpyrifos @ 4 ml per litre of water and spray the same insecticide on plant @ 2 ml per litre of water; do not pluck fruits within 15 days of spraying

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Bulletin No.-618
Date- 17/02/2026

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 29.85°C (-1.85 from normal) and 15.71°C (-2.01 from normal), respectively. The mean relative humidity was 55-86%.

Forecasted period: Today(8.30IST) to 22nd February (8.30IST)2026

Weather Advisory: Dry weather is forecasted for upcoming 5 days in the block. The day temperature will be 33-36°C and night temperature will be 16-18°C for upcoming 5 days. Maximum and minimum relative humidity will be 74-86% and 14-19% respectively. There will be clear to partly cloudy sky for next 5 days.

Block	Banki-Dampada (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	17/02/2026	18/02/2026	19/02/2026	20/02/2026	21/02/2026
Rainfall(mm)	00	00	00	00	00
T-Max(°C)	33	34	35	36	36
T-Min(°C)	16	16	17	17	18
Cloud Cover(octa)	0	0	2	1	2
RH Max (%)	86	79	74	74	79
RH Min (%)	19	16	15	14	14
Wind Speed (Kmph)	3	4	4	6	2
Wind Direction (deg)	333	307	318	337	323

Agromet Advisory

General Advisory: Provide light and frequent irrigation to standing vegetables and crops during morning and evening hours to prevent damage from moisture and high temperature stress.

- Foliar spray of 2%DAP +1% KCL (MOP) during critical stages of flowering and grain formation stage.
- Use of biofertilizer like Azotobacter, Azospirillum and phospho bacteria @10 packets (500g)/ha along with 25 kg of soil or FYM.
- To avoid flower and fruit drop spray planofix @ 1ml/4.5lit of water.
- Ridge and furrow irrigation should be practiced to conserve soil moisture in the main field.

Pulses:

Forecasted weather may aggravate the infestation of Flea beetle and powdery mildew in pulses. Spray neem oil 5 ml/L of water to control Flea beetle and spray 3 g Sulfex or 1 ml Propiconazole 10% EC or 1 ml Tebiconazole 25.9% EC per litre water for controlling Powdery mildew.

Rabi-Groundnut: Irrigate the groundnut crop at flowering stage as there will be no rainfall is forecasted.

Farmers are advised to do intercultivation and apply Gypsum @200 kg/ acre in Groundnut which is at flowering stage. To manage aphids Mites and thrips spray Thiamethoxam 25% W.G @ 40 gram/acre or Imidacloprid 17.8% SL @ 50-ml/acre by mixing it in 200 litre of water. Due to humid and foggy weather in past there may be infestation of leaf rust in Groundnut to control this apply tebuconazole 25.9% EC 2ml or bitertanol 25.0% WP 2 gram per liter water.

Mustard: As there are very less chances of rainfall so, one irrigation is needed at 50-60 days old plants based upon soil moisture status. To protect the mustard crop from the outbreak of drought at the time of ripening, make a solution of potassium nitrate 1 kg in 100 liter of water and spray at the flowering and pod stage of the crop. Painted bug and Aphid attack may take place in mustard crop, apply Thiamethoxam 25% WG @ 3g per 10 litres of water. To control the leaf blight of mustard, spray mancozeb @ 3 gram per liter or propeconazol @ 1 ml per liter at 15 days interval for 2-3 times.

Vegetables: Irrigate vegetable crops in 7-10 days interval based upon soil moisture. Thrips and mites are prominent pests in vegetables at present. To control both, spray Bifenthrin @1g/litre or Profenophos @2ml/litre of water. To control the sucking pests like aphid & white fly, spray Imidacloprid @ 5ml/10 lit of water.

- **Cabbage and Cauliflower:** The transplanted cabbage and Cauliflower is at head and Curd development to maturity (9-12 week) stage respectively. Harvest the matured heads and Curds in the upcoming dry days.

- **Tomato:** Transplanted seedlings are at 6-8 week stage in main field. Due to water stress in future, deficiency of boron due to hormonal disbalance flower drop occurs. Apply timely and required amount of irrigation. Spray Boron 20% 2 gram/lit during early flowering and 15 days later. To manage late blight in tomato spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre at 10 days interval. To control white fly Spray Imidacloprid (18.7% S.L) 0.8 ml/lit of water or Acidamidrid 1 ml/lit of water or Diafenthion 12.5 gram/ 15 lit of water.

Potato:

- As soil temperature at depth of 05-10cm has been raised above 30°C, which will drastically reduce the tuber yield, so farmers should go for application of soil mulch and frequent irrigation to maintain the soil temperature. There are chances of Potato Tuber Moth infestation in potato. To manage this pest chemically spray Spinosad 45 % SC @ 75-ml/acre or Emamectin Benzoate 5% SG @ 80-gram/ acre or Chlorantraniliprole 18.5 % SC @80- ml/acre. To manage late blight in potato spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre at 10 days interval.

- **Onion:** Onion being a shallow rooted crop, needs frequent light irrigation to maintain optimum soil moisture for proper growth and bulb development especially after 60 days. Rabi crop needs 10-15 irrigations at 7-10 days interval depending upon the soil moisture condition.

Fruits

To control mealy bug infestation in papaya, guava, mango wet the soil near the root zone of the plant with Chlorpyrifos @ 4 ml per litre of water and spray the same insecticide on plant @ 2 ml per litre of water; do not pluck fruits within 15 days of spraying

Mango: Present weather conditions are favourable for the incidence of Mango hoppers. To control go for spraying of phosphamidon @ 0.5ml/l (or) dimethoate 2ml/l (or) chlorpyrifos @2.5ml/l. during initial stages of flowering.



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DrRanjan Kumar Mohanta
(Nodal officer)





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Bulletin No.-618
Date- 17/02/2026

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 29.85°C (-1.85 from normal) and 15.71°C (-2.01 from normal), respectively. The mean relative humidity was 55-86%.

Forecasted period: Today(8.30IST) to 22nd February (8.30IST)2026

Weather advisory: Dry weather is forecasted for upcoming 5 days in the block. The day temperature will be 32-36°C and night temperature will be 18-19°C for upcoming 5 days. Maximum and minimum relative humidity will be 71-75% and 16-21% respectively. There will be clear to partly cloudy sky for next 5 days.

Block	Baranga (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	17/02/2026	18/02/2026	19/02/2026	20/02/2026	21/02/2026
Rainfall(mm)	00	00	00	00	00
T-Max(°C)	32	33	34	35	36
T-Min(°C)	18	18	18	19	19
Cloud Cover	1	0	0	1	2
RH Max (%)	74	73	73	71	75
RH Min (%)	21	17	17	16	16
Wind Speed (Kmph)	6	5	6	7	5
Wind Direction (deg)	325	332	325	327	309

Agromet Advisory

General Advisory: Provide light and frequent irrigation to standing vegetables and crops during morning and evening hours to prevent damage from moisture and high temperature stress.

- Foliar spray of 2%DAP +1% KCL (MOP) during critical stages of flowering and grain formation stage.
- Use of biofertilizer like Azotobacter, Azospirillum and phospho bacteria @10 packets (500g)/ha along with 25 kg of soil or FYM.
- To avoid flower and fruit drop spray planofix @ 1ml/4.5lit of water.
- Ridge and furrow irrigation should be practiced to conserve soil moisture in the main field.

Pulses:

Forecasted weather may aggravate the infestation of Flea beetle and powdery mildew in pulses. Spray neem oil 5 ml/L of water to control Flea beetle and spray 3 g Sulfex or 1 ml Propiconazole 10% EC or 1 ml Tebuconazole 25.9% EC per litre water for controlling Powdery mildew.

Rabi-Groundnut: Irrigate the groundnut crop at flowering stage as there will be no rainfall is forecasted.

Farmers are advised to do intercultivation and apply Gypsum @200 kg/ acre in Groundnut which is at flowering stage. To manage aphids Mites and thrips spray Thiamethoxam 25% W.G @ 40 gram/acre or Imidacloprid 17.8% SL @ 50-ml/acre by mixing it in 200 litre of water. Due to humid and foggy weather in past there may be infestation of leaf rust in Groundnut to control this apply tebuconazole 25.9% EC 2ml or bitertanol 25.0% WP 2 gram per liter water.

Mustard: As there are very less chances of rainfall so, one irrigation is needed at 50-60 days old plants based upon soil moisture status. To protect the mustard crop from the outbreak of drought at the time of ripening, make a solution of potassium nitrate 1 kg in 100 liter of water and spray at the flowering and pod stage of the crop. Painted bug and Aphid attack may take place in mustard crop, apply Thiamethoxam 25% WG @ 3g per 10 litres of water. To control the leaf blight of mustard, spray mancozeb @ 3 gram per liter or propeconazol @ 1 ml per liter at 15 days interval for 2-3 times.

Vegetables: Irrigate vegetable crops in 7-10 days interval based upon soil moisture. Thrips and mites are prominent pests in vegetables at present. To control both, spray Bifenthrin @1g/litre or Profenophos @2ml/litre of water. To control the sucking pests like aphid & white fly, spray Imidacloprid @ 5ml/10 lit of water.

- **Cabbage and Cauliflower:** The transplanted cabbage and Cauliflower is at head and Curd development to maturity (9-12 week) stage respectively. Harvest the matured heads and Curds in the upcoming dry days.

- **Tomato:** Transplanted seedlings are at 6-8 week stage in main field. Due to water stress in future, deficiency of boron or due to hormonal disbalance flower drop occurs. Apply timely and required amount of irrigation. Spray Boron 20% 2 gram/lit during early flowering and 15 days later. To manage late blight in tomato spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre at 10 days interval. To control white fly Spray Imidacloprid (18.7% S.L) 0.8 ml/lit of water or Acridamiprid 1 ml/lit of water or Diafenthiuron 12.5 gram/ 15 lit of water.

Potato:

- As soil temperature at depth of 05-10cm has been raised above 30°C, which will drastically reduce the tuber yield, so farmers should go for application of soil mulch and frequent irrigation to maintain the soil temperature. There are chances of Potato Tuber Moth infestation in potato. To manage this pest chemically spray Spinosad 45 % SC @ 75-ml/acre or Emamectin Benzoate 5% SG @ 80-gram/ acre or Chlorantraniliprole 18.5 % SC @80- ml/acre. To manage late blight in potato spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre at 10 days interval.

- **Onion:** Onion being a shallow rooted crop, needs frequent light irrigation to maintain optimum soil moisture for proper growth and bulb development especially after 60 days. Rabi crop needs 10-15 irrigations at 7-10 days interval depending upon the soil moisture condition.

Fruits

To control mealy bug infestation in papaya, guava, mango wet the soil near the root zone of the plant with Chlorpyrifos @ 4 ml per litre of water and spray the same insecticide on plant @ 2 ml per litre of water; do not pluck fruits within 15 days of spraying

Mango: Present weather conditions are favourable for the incidence of Mango hoppers. To control go for spraying of phosphamidon @ 0.5ml/l (or) dimethoate 2ml/l (or) chlorpyrifos @2.5ml/l. during initial stages of flowering.



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Bulletin No.-618
Date- 17/02/2026

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 29.85°C (-1.85 from normal) and 15.71°C (-2.01 from normal), respectively. The mean relative humidity was 55-86%.

Forecasted period: Today(8.30IST) to 22nd February (8.30IST)2026

Weather advisory: Dry weather is forecasted for upcoming 5 days in the block. The day temperature will be 33-36°C and night temperature will be 17-19°C for upcoming 5 days. Maximum and minimum relative humidity will be 69-84% and 15-17% respectively. There will be clear to partly cloudy sky for next 5 days.

Block	Cuttack sadar (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	17/02/2026	18/02/2026	19/02/2026	20/02/2026	21/02/2026
Rainfall(mm)	00	00	00	00	00
T-Max(°C)	33	34	35	36	36
T-Min(°C)	17	17	18	18	19
Cloud Cover(octa)	0	0	2	1	2
RH Max (%)	78	73	69	75	84
RH Min (%)	17	15	15	15	17
Wind Speed (Kmph)	5	4	5	7	4
Wind Direction (deg)	333	307	315	317	294

Agromet Advisory

General Advisory: Provide light and frequent irrigation to standing vegetables and crops during morning and evening hours to prevent damage from moisture and high temperature stress.

- Foliar spray of 2%DAP +1% KCL (MOP) during critical stages of flowering and grain formation stage.
- Use of biofertilizer like Azotobacter, Azospirillum and phospho bacteria @10 packets (500g)/ha along with 25 kg of soil or FYM.
- To avoid flower and fruit drop spray planofix @ 1ml/4.5lit of water.
- Ridge and furrow irrigation should be practiced to conserve soil moisture in the main field.

Pulses:

Forecasted weather may aggravate the infestation of Flea beetle and powdery mildew in pulses. Spray neem oil 5 ml/L of water to control Flea beetle and spray 3 g Sulfex or 1 ml Propiconazole 10% EC or 1 ml Tebuconazole 25.9% EC per litre water for controlling Powdery mildew.

Rabi-Groundnut: Irrigate the groundnut crop at flowering stage as there will be no rainfall is forecasted.

Farmers are advised to do intercultivation and apply Gypsum @200 kg/ acre in Groundnut which is at flowering stage. To manage aphids Mites and thrips spray Thiamethoxam 25% W.G @ 40 gram/acre or Imidacloprid 17.8% SL @ 50-ml/acre by mixing it in 200 litre of water. Due to humid and foggy weather in past there may be infestation of leaf rust in Groundnut to control this apply tebuconazole 25.9% EC 2ml or bitertanol 25.0% WP 2 gram per liter water.

Mustard: As there are very less chances of rainfall so, one irrigation is needed at 50-60 days old plants based upon soil moisture status. To protect the mustard crop from the outbreak of drought at the time of ripening, make a solution of potassium nitrate 1 kg in 100 liter of water and spray at the flowering and pod stage of the crop. Painted bug and Aphid attack may take place in mustard crop, apply Thiamethoxam 25% WG @ 3g per 10 litres of water. To control the leaf blight of mustard, spray mancozeb @ 3 gram per liter or propeconazol @ 1 ml per liter at 15 days interval for 2-3 times.

Vegetables: Irrigate vegetable crops in 7-10 days interval based upon soil moisture. Thrips and mites are prominent pests in vegetables at present. To control both, spray Bifenthrin @1g/litre or Profenophos @2ml/litre of water. To control the sucking pests like aphid & white fly, spray Imidacloprid @ 5ml/10 lit of water.

- **Cabbage and Cauliflower:** The transplanted cabbage and Cauliflower is at head and Curd development to maturity (9-12 week) stage respectively. Harvest the matured heads and Curds in the upcoming dry days.

- **Tomato:** Transplanted seedlings are at 6-8 week stage in main field. Due to water stress in future, deficiency of boron or due to hormonal disbalance flower drop occurs. Apply timely and required amount of irrigation. Spray Boron 20% 2 gram/lit during early flowering and 15 days later. To manage late blight in tomato spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre at 10 days interval. To control white fly Spray Imidacloprid (18.7% S.L) 0.8 ml/lit of water or Acridamiprid 1 ml/lit of water or Diafenthiuron 12.5 gram/ 15 lit of water.

Potato:

- As soil temperature at depth of 05-10cm has been raised above 30°C, which will drastically reduce the tuber yield, so farmers should go for application of soil mulch and frequent irrigation to maintain the soil temperature. There are chances of Potato Tuber Moth infestation in potato. To manage this pest chemically spray Spinosad 45 % SC @ 75-ml/acre or Emamectin Benzoate 5% SG @ 80-gram/ acre or Chlorantraniliprole 18.5 % SC @80- ml/acre. To manage late blight in potato spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre at 10 days interval.

- **Onion:** Onion being a shallow rooted crop, needs frequent light irrigation to maintain optimum soil moisture for proper growth and bulb development especially after 60 days. Rabi crop needs 10-15 irrigations at 7-10 days interval depending upon the soil moisture condition.

Fruits

To control mealy bug infestation in papaya, guava, mango wet the soil near the root zone of the plant with Chlorpyrifos @ 4 ml per litre of water and spray the same insecticide on plant @ 2 ml per litre of water; do not pluck fruits within 15 days of spraying

Mango: Present weather conditions are favourable for the incidence of Mango hoppers. To control go for spraying of phosphamidon @ 0.5ml/l (or) dimethoate 2ml/l (or) chlorpyrifos @2.5ml/l. during initial stages of flowering.



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Bulletin No.-618
Date- 17/02/2026

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 29.85°C (-1.85 from normal) and 15.71°C (-2.01 from normal), respectively. The mean relative humidity was 55-86%.

Forecasted period: Today(8.30IST) to 22nd February (8.30IST)2026

Weather advisory: Dry weather is forecasted for upcoming 5 days in the block. The day temperature will be 33-36°C and night temperature will be 17-19°C for upcoming 5 days. Maximum and minimum relative humidity will be 76-84% and 16-19% respectively. There will be clear to partly cloudy sky for next 5 days.

Block	Kantapada (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	17/02/2026	18/02/2026	19/02/2026	20/02/2026	21/02/2026
Rainfall(mm)	00	00	00	00	00
T-Max(°C)	33	34	35	36	36
T-Min(°C)	17	17	18	18	19
Cloud Cover(octa)	0	0	2	2	2
RH Max (%)	81	79	76	79	84
RH Min (%)	19	17	16	16	19
Wind Speed (Kmph)	5	4	6	8	6
Wind Direction (deg)	335	292	315	321	293

Agromet Advisory

General Advisory: Provide light and frequent irrigation to standing vegetables and crops during morning and evening hours to prevent damage from moisture and high temperature stress.

- Foliar spray of 2%DAP +1% KCL (MOP) during critical stages of flowering and grain formation stage.
- Use of biofertilizer like Azotobacter, Azospirillum and phospho bacteria @10 packets (500g)/ha along with 25 kg of soil or FYM.
- To avoid flower and fruit drop spray planofix @ 1ml/4.5lit of water.
- Ridge and furrow irrigation should be practiced to conserve soil moisture in the main field.

Pulses:

Forecasted weather may aggravate the infestation of **Flea beetle and powdery mildew** in pulses. Spray neem oil 5 ml/L of water to control Flea beetle and spray 3 g Sulfex or 1 ml Propiconazole 10% EC or 1 ml Tebiconazole 25.9%EC per litre water for controlling Powdery mildew.

Rabi-Groundnut: Irrigate the groundnut crop at flowering stage as there will be no rainfall is forecasted.

Farmers are advised to do intercultivation and apply Gypsum @200 kg/ acre in Groundnut which is at flowering stage. To manage aphids Mites and thrips spray Thiamethoxam 25% W.G @ 40 gram/acre or Imidacloprid 17.8% SL @ 50-ml/acre by mixing it in 200 litre of water. Due to humid and foggy weather in past there may be infestation of leaf rust in Groundnut to control this apply tebuconazole 25.9% EC 2ml or bitertanol 25.0% WP 2 gram per liter water.

Mustard: As there are very less chances of rainfall so, one irrigation is needed at 50-60 days old plants based upon soil moisture status. To protect the mustard crop from the outbreak of drought at the time of ripening, make a solution of potassium nitrate 1 kg in 100 liter of water and spray at the flowering and pod stage of the crop. Painted bug and Aphid attack may take place in mustard crop, apply Thiamethoxam 25% WG @ 3g per 10 litres of water. To control the leaf blight of mustard, spray mancozeb @ 3 gram per liter or propeconazol @ 1 ml per liter at 15 days interval for 2-3 times.

Vegetables: Irrigate vegetable crops in 7-10 days interval based upon soil moisture. Thrips and mites are prominent pests in vegetables at present. To control both, spray Bifenthrin @1g/litre or Profenophos @2ml/litre of water. To control the sucking pests like aphid & white fly, spray Imidacloprid @ 5ml/10 lit of water.

- **Cabbage and Cauliflower:** The transplanted cabbage and Cauliflower is at head and Curd development to maturity (9-12 week) stage respectively. Harvest the matured heads and Curds in the upcoming dry days.

- **Tomato:** Transplanted seedlings are at 6-8 week stage in main field. Due to water stress in future, deficiency of boron or due to hormonal disbalance flower drop occurs. Apply timely and required amount of irrigation. Spray Boron 20% 2 gram/lit during early flowering and 15 days later. To manage late blight in tomato spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre at 10 days interval. To control white fly Spray Imidacloprid (18.7% S.L) 0.8 ml/lit of water or Acidamiprid 1 ml/lit of water or Diafenthiuron 12.5 gram/ 15 lit of water.

Potato:

- As soil temperature at depth of 05-10cm has been raised above 30°C, which will drastically reduce the tuber yield, so farmers should go for application of soil mulch and frequent irrigation to maintain the soil temperature. There are chances of Potato Tuber Moth infestation in potato. To manage this pest chemically spray Spinosad 45 % SC @ 75-ml/acre or Emamectin Benzoate 5% SG @ 80-gram/ acre or Chlorantraniliprole 18.5 % SC @80- ml/acre. To manage late blight in potato spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre at 10 days interval.

- **Onion:** Onion being a shallow rooted crop, needs frequent light irrigation to maintain optimum soil moisture for proper growth and bulb development especially after 60 days. Rabi crop needs 10-15 irrigations at 7-10 days interval depending upon the soil moisture condition.

Fruits

To control mealy bug infestation in papaya, guava, mango wet the soil near the root zone of the plant with Chlorpyrifos @ 4 ml per litre of water and spray the same insecticide on plant @ 2 ml per litre of water; do not pluck fruits within 15 days of spraying

Mango: Present weather conditions are favourable for the incidence of Mango hoppers. To control go for spraying of phosphamidon @ 0.5ml/l (or) dimethoate 2ml/l (or) chlorpyrifos @2.5ml/l. during initial stages of flowering.



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Bulletin No.-618
Date- 17/02/2026

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 29.85°C (-1.85 from normal) and 15.71°C (-2.01 from normal), respectively. The mean relative humidity was 55-86%.

Forecasted period: Today(8.30IST) to 22nd February (8.30IST)2026

Weather advisory: Dry weather is forecasted for upcoming 5 days in the block. The day temperature will be and it will be 32-36°C and night temperature will be 16-18°C for upcoming 5 days. Maximum and minimum relative humidity will be 70-82% and 15-18% respectively. There will be clear to partly cloudy sky for next 5 days.

Block	Mahanga (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	17/02/2026	18/02/2026	19/02/2026	20/02/2026	21/02/2026
Rainfall(mm)	00	00	00	00	00
T-Max(°C)	32	33	35	35	36
T-Min(°C)	17	16	17	18	18
Cloud Cover(octal)	0	0	2	2	2
RH Max (%)	76	72	70	75	82
RH Min (%)	18	16	15	15	17
Wind Speed (Kmph)	6	5	6	7	6
Wind Direction (deg)	330	287	301	313	277

Agromet Advisory

General Advisory: Provide light and frequent irrigation to standing vegetables and crops during morning and evening hours to prevent damage from moisture and high temperature stress.

- Foliar spray of 2% DAP + 1% KCL (MOP) during critical stages of flowering and grain formation stage.
- Use of biofertilizer like Azotobacter, Azospirillum and phospho bacteria @ 10 packets (500g)/ha along with 25 kg of soil or FYM.
- To avoid flower and fruit drop spray planofix @ 1ml/4.5lit of water.
- Ridge and furrow irrigation should be practiced to conserve soil moisture in the main field.

Pulses:

Forecasted weather may aggravate the infestation of Flea beetle and powdery mildew in pulses. Spray neem oil 5 ml/L of water to control Flea beetle and spray 3 g Sulfex or 1 ml Propiconazole 10% EC or 1 ml Tebiconazole 25.9% EC per litre water for controlling Powdery mildew.

Rabi-Groundnut: Irrigate the groundnut crop at flowering stage as there will be no rainfall is forecasted.

Farmers are advised to do intercultivation and apply Gypsum @ 200 kg/ acre in Groundnut which is at flowering stage. To manage aphids Mites and thrips spray Thiamethoxam 25% W.G @ 40 gram/acre or Imidacloprid 17.8% SL @ 50-ml/acre by mixing it in 200 litre of water. Due to humid and foggy weather in past there may be infestation of leaf rust in Groundnut to control this apply tebuconazole 25.9% EC 2ml or bitertanol 25.0% WP 2 gram per liter water.

Mustard: As there are very less chances of rainfall so, one irrigation is needed at 50-60 days old plants based upon soil moisture status. To protect the mustard crop from the outbreak of drought at the time of ripening, make a solution of potassium nitrate 1 kg in 100 liter of water and spray at the flowering and pod stage of the crop. Painted bug and Aphid attack may take place in mustard crop, apply Thiamethoxam 25% WG @ 3g per 10 litres of water. To control the leaf blight of mustard, spray mancozeb @ 3 gram per liter or propeconazol @ 1 ml per liter at 15 days interval for 2-3 times.

Vegetables: Irrigate vegetable crops in 7-10 days interval based upon soil moisture. Thrips and mites are prominent pests in vegetables at present. To control both, spray Bifenthrin @ 1g/litre or Profenophos @ 2ml/litre of water. To control the sucking pests like aphid & white fly, spray Imidacloprid @ 5ml/10 lit of water.

- **Cabbage and Cauliflower:** The transplanted cabbage and Cauliflower is at head and Curd development to maturity (9-12 week) stage respectively. Harvest the matured heads and Curds in the upcoming dry days.

- **Tomato:** Transplanted seedlings are at 6-8 week stage in main field. Due to water stress in future, deficiency of boron or due to hormonal disbalance flower drop occurs. Apply timely and required amount of irrigation. Spray Boron 20% 2 gram/lit during early flowering and 15 days later. To manage late blight in tomato spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre at 10 days interval. To control white fly Spray Imidacloprid (18.7% S.L) 0.8 ml/lit of water or Acidamiprid 1 ml/lit of water or Diafenthiuron 12.5 gram/ 15 lit of water.

Potato:

- As soil temperature at depth of 05-10cm has been raised above 30°C, which will drastically reduce the tuber yield, so farmers should go for application of soil mulch and frequent irrigation to maintain the soil temperature. There are chances of Potato Tuber Moth infestation in potato. To manage this pest chemically spray Spinosad 45 % SC @ 75-ml/acre or Emamectin Benzoate 5% SG @ 80-gram/ acre or Chlorantraniliprole 18.5 % SC @ 80- ml/acre. To manage late blight in potato spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre at 10 days interval.

- **Onion:** Onion being a shallow rooted crop, needs frequent light irrigation to maintain optimum soil moisture for proper growth and bulb development especially after 60 days. Rabi crop needs 10-15 irrigations at 7-10 days interval depending upon the soil moisture condition.

Fruits

To control mealy bug infestation in papaya, guava, mango wet the soil near the root zone of the plant with Chlorpyrifos @ 4 ml per litre of water and spray the same insecticide on plant @ 2 ml per litre of water; do not pluck fruits within 15 days of spraying

Mango: Present weather conditions are favourable for the incidence of Mango hoppers. To control go for spraying of phosphamidon @ 0.5ml/l (or) dimethoate 2ml/l (or) chlorpyrifos @ 2.5ml/l. during initial stages of flowering.



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Bulletin No.-618
Date- 17/02/2026

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 29.85°C (-1.85 from normal) and 15.71°C (-2.01 from normal), respectively. The mean relative humidity was 55-86%.

Forecasted period: Today(8.30IST) to 22nd February (8.30IST)2026

Weather advisory: Dry weather is forecasted for upcoming 5 days in the block. The day temperature will be 33-37°C and night temperature will be 15-16°C for upcoming 5 days. Maximum and minimum relative humidity will be 64-86% and 13-20% respectively. There will be clear to partly cloudy sky for next 5 days.

Block	Narasinghpur (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	17/02/2026	18/02/2026	19/02/2026	20/02/2026	21/02/2026
Rainfall(mm)	00	00	00	00	00
T-Max(°C)	33	34	35	36	37
T-Min(°C)	15	15	16	16	16
Cloud Cover(octa)	0	0	2	1	2
RH Max (%)	86	75	68	68	64
RH Min (%)	20	17	15	14	13
Wind Speed (Kmph)	3	3	2	4	2
Wind Direction (deg)	330	286	321	343	297

Agromet Advisory

General Advisory: Provide light and frequent irrigation to standing vegetables and crops during morning and evening hours to prevent damage from moisture and high temperature stress.

- Foliar spray of 2%DAP +1% KCL (MOP) during critical stages of flowering and grain formation stage.
- Use of biofertilizer like Azotobacter, Azospirillum and phospho bacteria @10 packets (500g)/ha along with 25 kg of soil or FYM.
- To avoid flower and fruit drop spray planofix @ 1ml/4.5lit of water.
- Ridge and furrow irrigation should be practiced to conserve soil moisture in the main field.

Pulses:

Forecasted weather may aggravate the infestation of Flea beetle and powdery mildew in pulses. Spray neem oil 5 ml/L of water to control Flea beetle and spray 3 g Sulfex or 1 ml Propiconazole 10% EC or 1 ml Tebiconazole 25.9% EC per litre water for controlling Powdery mildew.

Rabi-Groundnut: Irrigate the groundnut crop at flowering stage as there will be no rainfall is forecasted.

Farmers are advised to do intercultivation and apply Gypsum @200 kg/ acre in Groundnut which is at flowering stage. To manage aphids Mites and thrips spray Thiamethoxam 25% W.G @ 40 gram/acre or Imidacloprid 17.8% SL @ 50-ml/acre by mixing it in 200 litre of water. Due to humid and foggy weather in past there may be infestation of leaf rust in Groundnut to control this apply tebuconazole 25.9% EC 2ml or bitertanol 25.0% WP 2 gram per liter water.

Mustard: As there are very less chances of rainfall so, one irrigation is needed at 50-60 days old plants based upon soil moisture status. To protect the mustard crop from the outbreak of drought at the time of ripening, make a solution of potassium nitrate 1 kg in 100 liter of water and spray at the flowering and pod stage of the crop. Painted bug and Aphid attack may take place in mustard crop, apply Thiamethoxam 25% WG @ 3g per 10 litres of water. To control the leaf blight of mustard, spray mancozeb @ 3 gram per liter or propeconazol @ 1 ml per liter at 15 days interval for 2-3 times.

Vegetables: Irrigate vegetable crops in 7-10 days interval based upon soil moisture. Thrips and mites are prominent pests in vegetables at present. To control both, spray Bifenthrin @1g/litre or Profenophos @2ml/litre of water. To control the sucking pests like aphid & white fly, spray Imidacloprid @ 5ml/10 lit of water.

- **Cabbage and Cauliflower:** The transplanted cabbage and Cauliflower is at head and Curd development to maturity (9-12 week) stage respectively. Harvest the matured heads and Curds in the upcoming dry days.

- **Tomato:** Transplanted seedlings are at 6-8 week stage in main field. Due to water stress in future, deficiency of boron due to hormonal disbalance flower drop occurs. Apply timely and required amount of irrigation. Spray Boron 20% 2 gram/lit during early flowering and 15 days later. To manage late blight in tomato spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre at 10 days interval. To control white fly Spray Imidacloprid (18.7% S.L) 0.8 ml/lit of water or Acidamiprid 1 ml/lit of water or Diafenthiuron 12.5 gram/ 15 lit of water.

Potato:

- As soil temperature at depth of 05-10cm has been raised above 30°C, which will drastically reduce the tuber yield, so farmers should go for application of soil mulch and frequent irrigation to maintain the soil temperature. There are chances of Potato Tuber Moth infestation in potato. To manage this pest chemically spray Spinosad 45 % SC @ 75-ml/acre or Emamectin Benzoate 5% SG @ 80-gram/ acre or Chlorantraniliprole 18.5 % SC @80- ml/acre. To manage late blight in potato spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre at 10 days interval.

- **Onion:** Onion being a shallow rooted crop, needs frequent light irrigation to maintain optimum soil moisture for proper growth and bulb development especially after 60 days. Rabi crop needs 10-15 irrigations at 7-10 days interval depending upon the soil moisture condition.

Fruits

To control mealy bug infestation in papaya, guava, mango wet the soil near the root zone of the plant with Chlorpyrifos @ 4 ml per litre of water and spray the same insecticide on plant @ 2 ml per litre of water; do not pluck fruits within 15 days of spraying

- **Mango:** Present weather conditions are favourable for the incidence of Mango hoppers. To control go for spraying of phosphamidon @ 0.5ml/l (or) dimethoate 2ml/l (or) chlorpyrifos @2.5ml/l. during initial stages of flowering.



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DrRanjan Kumar Mohanta
(Nodal officer)





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Bulletin No.-618
Date- 17/02/2026

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 29.85°C (-1.85 from normal) and 15.71°C (-2.01 from normal), respectively. The mean relative humidity was 55-86%.

Forecasted period: Today(8.30IST) to 22nd February (8.30IST)2026

Weather advisory: Dry weather is forecasted for upcoming 5 days in the block. The day temperature will be 31-36°C and night temperature will be 17-19°C for upcoming 5 days. Maximum and minimum relative humidity will be 73-78% and 18-25% respectively. There will be clear to partly cloudy sky for next 5 days.

Block	Niali (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	17/02/2026	18/02/2026	19/02/2026	20/02/2026	21/02/2026
Rainfall(mm)	00	00	00	00	00
T-Max(°C)	31	33	33	35	36
T-Min(°C)	17	17	17	18	19
Cloud Cover(octa)	1	0	0	1	2
RH Max (%)	77	77	76	73	78
RH Min (%)	25	20	20	18	18
Wind Speed(Kmph)	7	6	7	8	6
Wind Direction(deg)	330	325	324	331	300

Agromet Advisory

General Advisory: Provide light and frequent irrigation to standing vegetables and crops during morning and evening hours to prevent damage from moisture and high temperature stress.

- Foliar spray of 2%DAP +1% KCL (MOP) during critical stages of flowering and grain formation stage.
- Use of biofertilizer like Azotobacter, Azospirillum and phospho bacteria @10 packets (500g)/ha along with 25 kg of soil or FYM.
- To avoid flower and fruit drop spray planofix @ 1ml/4.5lit of water.
- Ridge and furrow irrigation should be practiced to conserve soil moisture in the main field.

Pulses:

Forecasted weather may aggravate the infestation of Flea beetle and powdery mildew in pulses. Spray neem oil 5 ml/L of water to control Flea beetle and spray 3 g Sulfex or 1 ml Propiconazole 10% EC or 1 ml Tebiconazole 25.9%EC per litre water for controlling Powdery mildew.

Rabi-Groundnut: Irrigate the groundnut crop at flowering stage as there will be no rainfall is forecasted.

Farmers are advised to do intercultivation and apply Gypsum @200 kg/ acre in Groundnut which is at flowering stage. To manage aphids Mites and thrips spray Thiamethoxam 25% W.G @ 40 gram/acre or Imidacloprid 17.8% SL @ 50-ml/acre by mixing it in 200 litre of water. Due to humid and foggy weather in past there may be infestation of leaf rust in Groundnut to control this apply tebuconazole 25.9% EC 2ml or bitertanol 25.0% WP 2 gram per liter water.

Mustard: As there are very less chances of rainfall so, one irrigation is needed at 50-60 days old plants based upon soil moisture status. To protect the mustard crop from the outbreak of drought at the time of ripening, make a solution of potassium nitrate 1 kg in 100 liter of water and spray at the flowering and pod stage of the crop. Painted bug and Aphid attack may take place in mustard crop, apply Thiamethoxam 25% WG @ 3g per 10 litres of water. To control the leaf blight of mustard, spray mancozeb @ 3 gram per liter or propeconazol @ 1 ml per liter at 15 days interval for 2-3 times.

Vegetables: Irrigate vegetable crops in 7-10 days interval based upon soil moisture. Thrips and mites are prominent pests in vegetables at present. To control both, spray Bifenthrin @1g/litre or Profenophos @2ml/litre of water. To control the sucking pests like aphid & white fly, spray Imidacloprid @ 5ml/10 lit of water.

• **Cabbage and Cauliflower:** The transplanted cabbage and Cauliflower is at head and Curd development to maturity (9-12 week) stage respectively. Harvest the matured heads and Curds in the upcoming dry days.

• **Tomato:** Transplanted seedlings are at 6-8 week stage in main field. Due to water stress in future, deficiency of boron due to hormonal disbalance flower drop occurs. Apply timely and required amount of irrigation. Spray Boron 20% 2 gram/lit during early flowering and 15 days later. To manage late blight in tomato spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre at 10 days interval. To control white fly Spray Imidacloprid (18.7% S.L) 0.8 ml/lit of water or Acidamiprid 1 ml/lit of water or Diafenthiuron 12.5 gram/ 15 lit of water.

• **Potato:**

• As soil temperature at depth of 05-10cm has been raised above 30°C, which will drastically reduce the tuber yield, so farmers should go for application of soil mulch and frequent irrigation to maintain the soil temperature. There are chances of Potato Tuber Moth infestation in potato. To manage this pest chemically spray Spinosad 45 % SC @ 75-ml/acre or Emamectin Benzoate 5% SG @ 80-gram/ acre or Chlorantraniliprole 18.5 % SC @80- ml/acre. To manage late blight in potato spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre at 10 days interval.

• **Onion:** Onion being a shallow rooted crop, needs frequent light irrigation to maintain optimum soil moisture for proper growth and bulb development especially after 60 days. Rabi crop needs 10-15 irrigations at 7-10 days interval depending upon the soil moisture condition.

• **Fruits**

To control mealy bug infestation in papaya, guava, mango wet the soil near the root zone of the plant with Chlorpyrifos @ 4 ml per litre of water and spray the same insecticide on plant @ 2 ml per litre of water; do not pluck fruits within 15 days of spraying

• **Mango:** Present weather conditions are favourable for the incidence of Mango hoppers. To control go for spraying of phosphamidon @ 0.5ml/l (or) dimethoate 2ml/l (or) chlorpyrifos @2.5ml/l. during initial stages of flowering.



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Bulletin No.-618
Date- 17/02/2026

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 29.85°C (-1.85 from normal) and 15.71°C (-2.01 from normal), respectively. The mean relative humidity was 55-86%.

Forecasted period: Today(8.30IST) to 22nd February (8.30IST)2026

Weather advisory: Dry weather is forecasted for upcoming 5 days in the block. The day temperature will be 33-36°C and night temperature will be 16-18°C for upcoming 5 days. Maximum and minimum relative humidity will be 71-83% and 15-18% respectively. There will be clear to partly cloudy sky for next 5 days.

Block	Nischintakoili (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	17/02/2026	18/02/2026	19/02/2026	20/02/2026	21/02/2026
Rainfall(mm)	00	00	00	00	00
T-Max(°C)	33	34	35	36	36
T-Min(°C)	17	16	17	18	18
Cloud Cover(octa)	0	0	2	2	2
RH Max (%)	77	73	71	76	83
RH Min (%)	18	16	15	15	18
Wind Speed (Kmph)	6	5	6	7	6
Wind Direction (deg)	330	293	306	315	281

Agromet Advisory

General Advisory: Provide light and frequent irrigation to standing vegetables and crops during morning and evening hours to prevent damage from moisture and high temperature stress.

- Foliar spray of 2%DAP +1% KCL (MOP) during critical stages of flowering and grain formation stage.
- Use of biofertilizer like Azotobacter, Azospirillum and phospho bacteria @10 packets (500g)/ha along with 25 kg of soil or FYM.
- To avoid flower and fruit drop spray planofix @ 1ml/4.5lit of water.
- Ridge and furrow irrigation should be practiced to conserve soil moisture in the main field.

Pulses:

Forecasted weather may aggravate the infestation of Flea beetle and powdery mildew in pulses. Spray neem oil 5 ml/L of water to control Flea beetle and spray 3 g Sulfex or 1 ml Propiconazole 10% EC or 1 ml Tebiconazole 25.9% EC per litre water for controlling Powdery mildew.

Rabi-Groundnut: Irrigate the groundnut crop at flowering stage as there will be no rainfall is forecasted.

Farmers are advised to do intercultivation and apply Gypsum @200 kg/ acre in Groundnut which is at flowering stage. To manage aphids Mites and thrips spray Thiamethoxam 25% W.G @ 40 gram/acre or Imidacloprid 17.8% SL @ 50-ml/acre by mixing it in 200 litre of water. Due to humid and foggy weather in past there may be infestation of leaf rust in Groundnut to control this apply tebuconazole 25.9% EC 2ml or bitertanol 25.0% WP 2 gram per liter water.

Mustard: As there are very less chances of rainfall so, one irrigation is needed at 50-60 days old plants based upon soil moisture status. To protect the mustard crop from the outbreak of drought at the time of ripening, make a solution of potassium nitrate 1 kg in 100 liter of water and spray at the flowering and pod stage of the crop. Painted bug and Aphid attack may take place in mustard crop, apply Thiamethoxam 25% WG @ 3g per 10 litres of water. To control the leaf blight of mustard, spray mancozeb @ 3 gram per liter or propeconazol @ 1 ml per liter at 15 days interval for 2-3 times.

Vegetables: Irrigate vegetable crops in 7-10 days interval based upon soil moisture. Thrips and mites are prominent pests in vegetables at present. To control both, spray Bifenthrin @1g/litre or Profenophos @2ml/litre of water. To control the sucking pests like aphid & white fly, spray Imidacloprid @ 5ml/10 lit of water.

- **Cabbage and Cauliflower:** The transplanted cabbage and Cauliflower is at head and Curd development to maturity (9-12 week) stage respectively. Harvest the matured heads and Curds in the upcoming dry days.

- **Tomato:** Transplanted seedlings are at 6-8 week stage in main field. Due to water stress in future, deficiency of boron due to hormonal disbalance flower drop occurs. Apply timely and required amount of irrigation. Spray Boron 20% 2 gram/lit during early flowering and 15 days later. To manage late blight in tomato spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre at 10 days interval. To control white fly Spray Imidacloprid (18.7% S.L) 0.8 ml/lit of water or Acridamiprid 1 ml/lit of water or Diafenthiuron 12.5 gram/ 15 lit of water.

Potato:

- As soil temperature at depth of 05-10cm has been raised above 30°C, which will drastically reduce the tuber yield, so farmers should go for application of soil mulch and frequent irrigation to maintain the soil temperature. There are chances of Potato Tuber Moth infestation in potato. To manage this pest chemically spray Spinosad 45 % SC @ 75-ml/acre or Emamectin Benzoate 5% SG @ 80-gram/ acre or Chlorantraniliprole 18.5 % SC @80- ml/acre. To manage late blight in potato spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre at 10 days interval.

- **Onion:** Onion being a shallow rooted crop, needs frequent light irrigation to maintain optimum soil moisture for proper growth and bulb development especially after 60 days. Rabi crop needs 10-15 irrigations at 7-10 days interval depending upon the soil moisture condition.

Fruits

To control mealy bug infestation in papaya, guava, mango wet the soil near the root zone of the plant with Chlorpyrifos @ 4 ml per litre of water and spray the same insecticide on plant @ 2 ml per litre of water; do not pluck fruits within 15 days of spraying

- **Mango:** Present weather conditions are favourable for the incidence of Mango hoppers. To control go for spraying of phosphamidon @ 0.5ml/l (or) dimethoate 2ml/l (or) chlorpyrifos @2.5ml/l. during initial stages of flowering.



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Bulletin No.-618
Date- 17/02/2026

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 29.85°C (-1.85 from normal) and 15.71°C (-2.01 from normal), respectively. The mean relative humidity was 55-86%.

Forecasted period: Today(8.30IST) to 22nd February (8.30IST)2026

Weather advisory: Dry weather is forecasted for upcoming 5 days in the block. The day temperature will be 33-36°C and night temperature will be 16-19°C for upcoming 5 days. Maximum and minimum relative humidity will be 71-83% and 15-18% respectively. There will be clear to partly cloudy sky for next 5 days.

Block	Salepur (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	17/02/2026	18/02/2026	19/02/2026	20/02/2026	21/02/2026
Rainfall(mm)	00	00	00	00	00
T-Max(°C)	33	34	35	36	36
T-Min(°C)	17	16	17	18	19
Cloud Cover(octa)	0	0	2	2	2
RH Max (%)	77	73	71	76	83
RH Min (%)	17	16	15	15	18
Wind Speed (Kmph)	6	5	6	7	6
Wind Direction (deg)	330	297	306	317	285

Agromet Advisory

General Advisory: Provide light and frequent irrigation to standing vegetables and crops during morning and evening hours to prevent damage from moisture and high temperature stress.

- Foliar spray of 2% DAP + 1% KCL (MOP) during critical stages of flowering and grain formation stage.
- Use of biofertilizer like Azotobacter, Azospirillum and phospho bacteria @ 10 packets (500g)/ha along with 25 kg of soil or FYM.
- To avoid flower and fruit drop spray planofix @ 1ml/4.5lit of water.
- Ridge and furrow irrigation should be practiced to conserve soil moisture in the main field.

Pulses:

Forecasted weather may aggravate the infestation of Flea beetle and powdery mildew in pulses. Spray neem oil 5 ml/L of water to control Flea beetle and spray 3 g Sulfex or 1 ml Propiconazole 10% EC or 1 ml Tebiconazole 25.9% EC per litre water for controlling Powdery mildew.

Rabi-Groundnut: Irrigate the groundnut crop at flowering stage as there will be no rainfall is forecasted.

Farmers are advised to do intercultivation and apply Gypsum @ 200 kg/ acre in Groundnut which is at flowering stage. To manage aphids Mites and thrips spray Thiamethoxam 25% W.G @ 40 gram/acre or Imidacloprid 17.8% SL @ 50-ml/acre by mixing it in 200 litre of water. Due to humid and foggy weather in past there may be infestation of leaf rust in Groundnut to control this apply tebuconazole 25.9% EC 2ml or bitertanol 25.0% WP 2 gram per liter water.

Mustard: As there are very less chances of rainfall so, one irrigation is needed at 50-60 days old plants based upon soil moisture status. To protect the mustard crop from the outbreak of drought at the time of ripening, make a solution of potassium nitrate 1 kg in 100 liter of water and spray at the flowering and pod stage of the crop. Painted bug and Aphid attack may take place in mustard crop, apply Thiamethoxam 25% WG @ 3g per 10 litres of water. To control the leaf blight of mustard, spray mancozeb @ 3 gram per liter or propeconazol @ 1 ml per liter at 15 days interval for 2-3 times.

Vegetables: Irrigate vegetable crops in 7-10 days interval based upon soil moisture. Thrips and mites are prominent pests in vegetables at present. To control both, spray Bifenthrin @ 1g/litre or Profenophos @ 2ml/litre of water. To control the sucking pests like aphid & white fly, spray Imidacloprid @ 5ml/10 lit of water.

- **Cabbage and Cauliflower:** The transplanted cabbage and Cauliflower is at head and Curd development to maturity (9-12 week) stage respectively. Harvest the matured heads and Curds in the upcoming dry days.

- **Tomato:** Transplanted seedlings are at 6-8 week stage in main field. Due to water stress in future, deficiency of boron or due to hormonal disbalance flower drop occurs. Apply timely and required amount of irrigation. Spray Boron 20% 2 gram/lit during early flowering and 15 days later. To manage late blight in tomato spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre at 10 days interval. To control white fly Spray Imidacloprid (18.7% S.L) 0.8 ml/lit of water or Acidamiprid 1 ml/lit of water or Diafenthiuron 12.5 gram/ 15 lit of water.

Potato:

- As soil temperature at depth of 05-10cm has been raised above 30°C, which will drastically reduce the tuber yield, so farmers should go for application of soil mulch and frequent irrigation to maintain the soil temperature. There are chances of Potato Tuber Moth infestation in potato. To manage this pest chemically spray Spinosad 45 % SC @ 75-ml/acre or Emamectin Benzoate 5% SG @ 80-gram/ acre or Chlorantraniliprole 18.5 % SC @ 80- ml/acre. To manage late blight in potato spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre at 10 days interval.

- **Onion:** Onion being a shallow rooted crop, needs frequent light irrigation to maintain optimum soil moisture for proper growth and bulb development especially after 60 days. Rabi crop needs 10-15 irrigations at 7-10 days interval depending upon the soil moisture condition.

Fruits

To control mealy bug infestation in papaya, guava, mango wet the soil near the root zone of the plant with Chlorpyrifos @ 4 ml per litre of water and spray the same insecticide on plant @ 2 ml per litre of water; do not pluck fruits within 15 days of spraying

Mango: Present weather conditions are favourable for the incidence of Mango hoppers. To control go for spraying of phosphamidon @ 0.5ml/l (or) dimethoate 2ml/l (or) chlorpyrifos @ 2.5ml/l. during initial stages of flowering.



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Bulletin No.-618
Date- 17/02/2026

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 29.85°C (-1.85 from normal) and 15.71°C (-2.01 from normal), respectively. The mean relative humidity was 55-86%.

Forecasted period: Today(8.30IST) to 22nd February (8.30IST)2026

Weather advisory: Dry weather is forecasted for upcoming 5 days in the block. The day temperature will be 33-36°C and night temperature will be 16-19°C for upcoming 5 days. Maximum and minimum relative humidity will be 75-83% and 27-35% respectively. There will be clear to partly cloudy sky for next 5 days.

Block	Tangi-Choudwar (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	17/02/2026	18/02/2026	19/02/2026	20/02/2026	21/02/2026
Rainfall(mm)	00	00	00	00	00
T-Max(°C)	33	34	35	36	36
T-Min(°C)	17	16	17	18	19
Cloud Cover(octa)	1	0	2	3	2
RH Max (%)	78	75	77	79	83
RH Min (%)	30	29	27	30	35
Wind Speed (Kmph)	10	9	9	10	10
Wind Direction (deg)	331	302	312	319	301

Agromet Advisory

General Advisory: Provide light and frequent irrigation to standing vegetables and crops during morning and evening hours to prevent damage from moisture and high temperature stress.

- Foliar spray of 2% DAP + 1% KCL (MOP) during critical stages of flowering and grain formation stage.
- Use of biofertilizer like Azotobacter, Azospirillum and phospho bacteria @ 10 packets (500g)/ha along with 25 kg of soil or FYM.
- To avoid flower and fruit drop spray planofix @ 1ml/4.5lit of water.
- Ridge and furrow irrigation should be practiced to conserve soil moisture in the main field.

Pulses:

Forecasted weather may aggravate the infestation of Flea beetle and powdery mildew in pulses. Spray neem oil 5 ml/L of water to control Flea beetle and spray 3 g Sulfex or 1 ml Propiconazole 10% EC or 1 ml Tebiconazole 25.9% EC per litre water for controlling Powdery mildew.

Rabi-Groundnut: Irrigate the groundnut crop at flowering stage as there will be no rainfall is forecasted.

Farmers are advised to do intercultivation and apply Gypsum @ 200 kg/ acre in Groundnut which is at flowering stage. To manage aphids Mites and thrips spray Thiamethoxam 25% W.G @ 40 gram/acre or Imidacloprid 17.8% SL @ 50-ml/acre by mixing it in 200 litre of water. Due to humid and foggy weather in past there may be infestation of leaf rust in Groundnut to control this apply tebuconazole 25.9% EC 2ml or bitertanol 25.0% WP 2 gram per liter water.

Mustard: As there are very less chances of rainfall so, one irrigation is needed at 50-60 days old plants based upon soil moisture status. To protect the mustard crop from the outbreak of drought at the time of ripening, make a solution of potassium nitrate 1 kg in 100 liter of water and spray at the flowering and pod stage of the crop. Painted bug and Aphid attack may take place in mustard crop, apply Thiamethoxam 25% WG @ 3g per 10 litres of water. To control the leaf blight of mustard, spray mancozeb @ 3 gram per liter or propeconazol @ 1 ml per liter at 15 days interval for 2-3 times.

Vegetables: Irrigate vegetable crops in 7-10 days interval based upon soil moisture. Thrips and mites are prominent pests in vegetables at present. To control both, spray Bifenthrin @ 1g/litre or Profenophos @ 2ml/litre of water. To control the sucking pests like aphid & white fly, spray Imidacloprid @ 5ml/10 lit of water.

- **Cabbage and Cauliflower:** The transplanted cabbage and Cauliflower is at head and Curd development to maturity (9-12 week) stage respectively. Harvest the matured heads and Curds in the upcoming dry days.

- **Tomato:** Transplanted seedlings are at 6-8 week stage in main field. Due to water stress in future, deficiency of boron or due to hormonal disbalance flower drop occurs. Apply timely and required amount of irrigation. Spray Boron 20% 2 gram/lit during early flowering and 15 days later. To manage late blight in tomato spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre at 10 days interval. To control white fly Spray Imidacloprid (18.7% S.L) 0.8 ml/lit of water or Acidamiprid 1 ml/lit of water or Diafenthiuron 12.5 gram/ 15 lit of water.

Potato:

- As soil temperature at depth of 05-10cm has been raised above 30°C, which will drastically reduce the tuber yield, so farmers should go for application of soil mulch and frequent irrigation to maintain the soil temperature. There are chances of Potato Tuber Moth infestation in potato. To manage this pest chemically spray Spinosad 45 % SC @ 75-ml/acre or Emamectin Benzoate 5% SG @ 80-gram/ acre or Chlorantraniliprole 18.5 % SC @ 80- ml/acre. To manage late blight in potato spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre at 10 days interval.

- **Onion:** Onion being a shallow rooted crop, needs frequent light irrigation to maintain optimum soil moisture for proper growth and bulb development especially after 60 days. Rabi crop needs 10-15 irrigations at 7-10 days interval depending upon the soil moisture condition.

Fruits

To control mealy bug infestation in papaya, guava, mango wet the soil near the root zone of the plant with Chlorpyrifos @ 4 ml per litre of water and spray the same insecticide on plant @ 2 ml per litre of water; do not pluck fruits within 15 days of spraying

- **Mango:** Present weather conditions are favourable for the incidence of Mango hoppers. To control go for spraying of phosphamidon @ 0.5ml/l (or) dimethoate 2ml/l (or) chlorpyrifos @ 2.5ml/l. during initial stages of flowering.



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(Nodal officer)





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Bulletin No.-618
Date- 17/02/2026

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 29.85°C (-1.85 from normal) and 15.71°C (-2.01 from normal), respectively. The mean relative humidity was 55-86%.

Forecasted period: Today(8.30IST) to 22nd February (8.30IST)2026

Weather advisory: Dry weather is forecasted for upcoming 5 days in the block. The day temperature will be 33-36°C and night temperature will be 16-18°C for upcoming 5 days. Maximum and minimum relative humidity will be 73-86% and 14-18% respectively. There will be clear to partly cloudy sky for next 5 days.

Block	Tigiria (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	17/02/2026	18/02/2026	19/02/2026	20/02/2026	21/02/2026
Rainfall(mm)	00	00	00	00	00
T-Max(°C)	33	34	35	36	36
T-Min(°C)	16	16	17	17	18
Cloud Cover(octa)	0	0	2	1	2
RH Max (%)	86	79	73	74	79
RH Min (%)	18	16	14	14	14
Wind Speed (Kmph)	2	3	4	5	2
Wind Direction (deg)	333	315	319	333	333

Agro met Advisory

General Advisory: Provide light and frequent irrigation to standing vegetables and crops during morning and evening hours to prevent damage from moisture and high temperature stress.

- Foliar spray of 2%DAP +1% KCL (MOP) during critical stages of flowering and grain formation stage.
- Use of biofertilizer like Azotobacter, Azospirillum and phospho bacteria @10 packets (500g)/ha along with 25 kg of soil or FYM.
- To avoid flower and fruit drop spray planofix @ 1ml/4.5lit of water.
- Ridge and furrow irrigation should be practiced to conserve soil moisture in the main field.

Pulses:

Forecasted weather may aggravate the infestation of Flea beetle and powdery mildew in pulses. Spray neem oil 5 ml/L of water to control Flea beetle and spray 3 g Sulfex or 1 ml Propiconazole 10% EC or 1 ml Tebiconazole 25.9% EC per litre water for controlling Powdery mildew.

Rabi-Groundnut: Irrigate the groundnut crop at flowering stage as there will be no rainfall is forecasted.

Farmers are advised to do intercultivation and apply Gypsum @200 kg/ acre in Groundnut which is at flowering stage. To manage aphids Mites and thrips spray Thiamethoxam 25% W.G @ 40 gram/acre or Imidacloprid 17.8% SL @ 50-ml/acre by mixing it in 200 litre of water. Due to humid and foggy weather in past there may be infestation of leaf rust in Groundnut to control this apply tebuconazole 25.9% EC 2ml or bitertanol 25.0% WP 2 gram per liter water.

Mustard: As there are very less chances of rainfall so, one irrigation is needed at 50-60 days old plants based upon soil moisture status. To protect the mustard crop from the outbreak of drought at the time of ripening, make a solution of potassium nitrate 1 kg in 100 liter of water and spray at the flowering and pod stage of the crop. Painted bug and Aphid attack may take place in mustard crop, apply Thiamethoxam 25% WG @ 3g per 10 litres of water. To control the leaf blight of mustard, spray mancozeb @ 3 gram per liter or propeconazol @ 1 ml per liter at 15 days interval for 2-3 times.

Vegetables: Irrigate vegetable crops in 7-10 days interval based upon soil moisture. Thrips and mites are prominent pests in vegetables at present. To control both, spray Bifenthrin @1g/litre or Profenophos @2ml/litre of water. To control the sucking pests like aphid & white fly, spray Imidacloprid @ 5ml/10 lit of water.

- **Cabbage and Cauliflower:** The transplanted cabbage and Cauliflower is at head and Curd development to maturity (9-12 week) stage respectively. Harvest the matured heads and Curds in the upcoming dry days.

- **Tomato:** Transplanted seedlings are at 6-8 week stage in main field. Due to water stress in future, deficiency of boron or due to hormonal disbalance flower drop occurs. Apply timely and required amount of irrigation. Spray Boron 20% 2 gram/lit during early flowering and 15 days later. To manage late blight in tomato spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre at 10 days interval. To control white fly Spray Imidacloprid (18.7% S.L) 0.8 ml/lit of water or Acetamiprid 1 ml/lit of water or Diafenthiuron 12.5 gram/ 15 lit of water.

• **Potato:**

- As soil temperature at depth of 05-10cm has been raised above 30°C, which will drastically reduce the tuber yield, so farmers should go for application of soil mulch and frequent irrigation to maintain the soil temperature. There are chances of Potato Tuber Moth infestation in potato. To manage this pest chemically spray Spinosad 45 % SC @ 75-ml/acre or Emamectin Benzoate 5% SG @ 80-gram/ acre or Chlorantraniliprole 18.5 % SC @80- ml/acre. To manage late blight in potato spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre at 10 days interval.

- **Onion:** Onion being a shallow rooted crop, needs frequent light irrigation to maintain optimum soil moisture for proper growth and bulb development especially after 60 days. Rabi crop needs 10-15 irrigations at 7-10 days interval depending upon the soil moisture condition.

• **Fruits**

To control mealy bug infestation in papaya, guava, mango wet the soil near the root zone of the plant with Chlorpyrifos @ 4 ml per litre of water and spray the same insecticide on plant @ 2 ml per litre of water; do not pluck fruits within 15 days of spraying

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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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