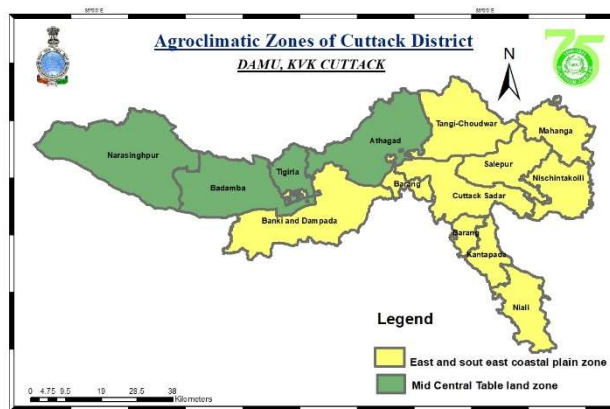
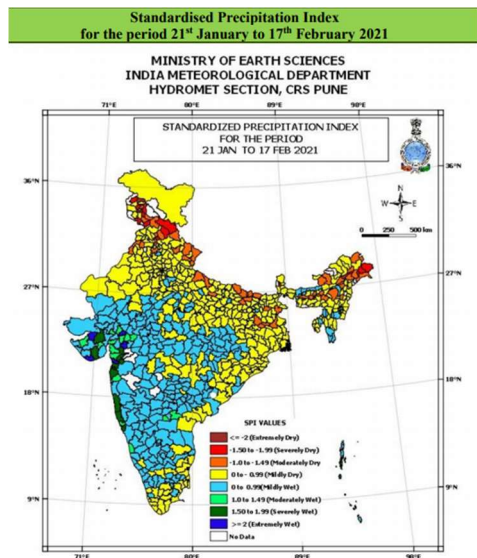


## AGROCLIMATIC ZONES OF CUTTACK DISTRICT:

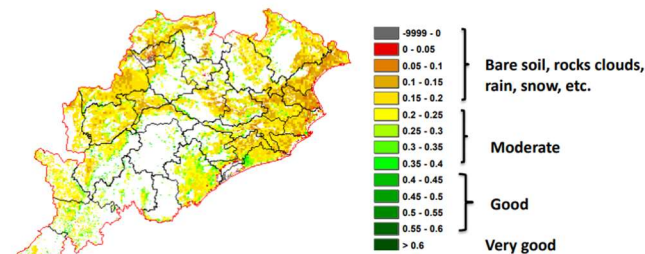


## STANDARDIZED PRECIPITATION INDEX AND NDVI MAP



NOAA/VIIRS/BLENDED NDVI Composite ending on Week no 07  
(12.02.2021 to 18.02.2021) over Agricultural region

Odisha



Agriculture vigour is moderate over the state.

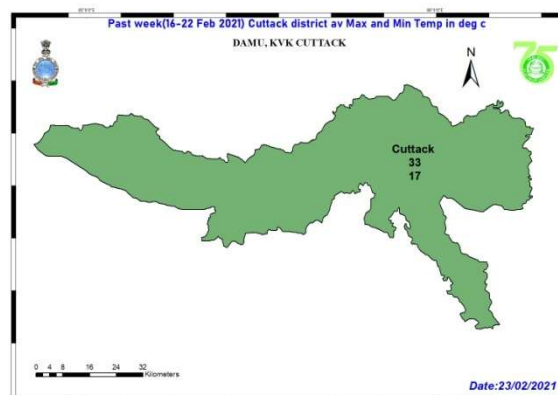
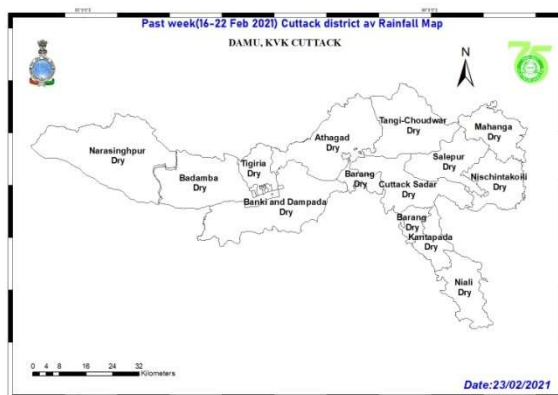
As per SPI value (cumulative 4weeks - 21January 2021 to 17February 2021), Mildly dry condition was there in Cuttack district.

According to NDVI map (12.02.2021 to 18.02.2021) the agriculture vigor was Very light to light over many of the blocks of Cuttack district and light to moderate over few places of Badamba, Narsinghpur block.

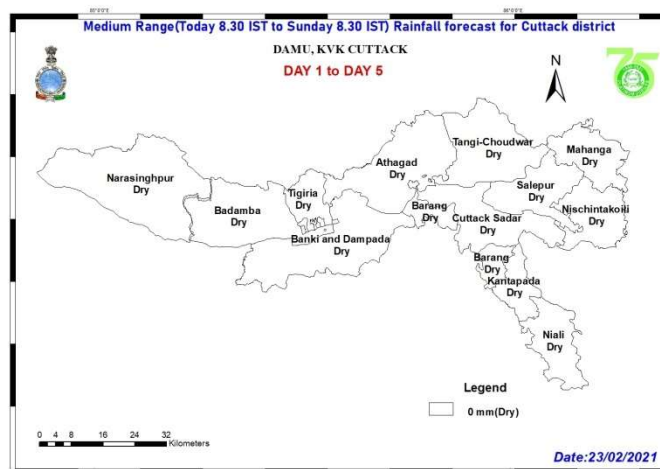
### LEGEND (Medium range block level rainfall forecast)

	No Rainfall
	Very light rainfall
	Light rainfall
	Light to moderate rainfall
	Moderate to heavy rainfall
	Heavy rainfall
	Very heavy rainfall
	Extremely heavy rainfall

**Past week (16-22 February 2021) Cuttack district Rainfall and Temperature map**








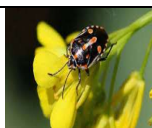






**Medium range (Today (8.30IST) to Sunday (8.30IST)) Rainfall (mm) forecast for Cuttack district**







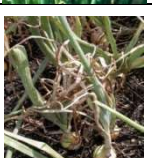






Extended range outlook for subsequent 1 week (6 <sup>th</sup> to 12 <sup>th</sup> days) (28 <sup>th</sup> February to 06 <sup>th</sup> March 2021)		
Met Sub division	Departure (%)	Category
Odisha	-94.78	Below Normal

**General Agromet Advisory:-** As there was mild dry condition in last four weeks at Cuttack district and also there will be below normal rainfall in upcoming week (28<sup>th</sup> Feb-06<sup>th</sup> March, 2021) in Odisha condition, so farmers are advised to continue their irrigation activities based upon soil moisture status.

**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	 Black headed caterpillar
			 Leaf crinkle virus
			 Anthracnose
			 Cercospera leaf spot
2	Mustard	Vegetative stage to flowering	 White Rust
			 Painted Bug
			 Alternaria blight
3	Rabi Groundnut	Vegetative stage to flowering	 Tikka
			 Spodotera/Tobacco caterpillar
4	Vegetables (Tomato,Chilli, Brinjal)	Vegetative to fruiting	 Mites
			 Chili Aphid
6	Tomato	Flowering to Fruting	 Late blight

				<b>Bacterial Canker</b>
				<b>Sun burn</b>
				<b>Flower drop</b>
7	Potato	Flowering to fruiting stage		<b>Potato tuber moth</b>
				<b>Cut worm</b>
8	Onion	Flowering		<b>Purple blight</b>
				<b>Stemphylium Blight</b>
9	Cabbage and Cauliflower	Vegetative to Flowering		<b>Diamond back moth</b>
				<b>Leaf eating caterpillar</b>
				<b>Fruit borer</b>
10	Mango	Flowering		<b>Mango hopper</b>





**GRAMIN KRISHI MAUSAM SEWA**  
**INDIA METEOROLOGICAL DEPARTMENT**  
**DISTRICT AGROMET UNIT**  
**KRISHI VIGYAN KENDRA CUTTACK**  
**(A Unit of ICAR-National Rice Research Institute)**  
**Email: kvkcuttack@gmail.com**



**Bulletin No.-170**  
**Date- 23/02/2021**

**AGROMET ADVISORY BULLETIN FOR ATHAGAD**

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

The block received 0 mm and district received 0 mm rainfall during the last week. The mean daily maximum and minimum temperature was 33°C and 17°C, respectively. Mean relative humidity of the district was around 68-49%.

**Forecasted period: Today(8.30IST) to 28<sup>th</sup>February (8.30IST)2021**

**Weather advisory:** No rainfall/dry weather is forecasted for upcoming 5days (Today (8.30IST) to Sunday (8.30 IST)) in the block. Maximum and minimum temperature will be likely to increase in upcoming 5 days. The day temperature will be 34-38°C and night temperature will be 18-20°C for upcoming 5 days. Maximum and minimum relative humidity will be 71-94% and 06-10% respectively. There will be mainly clear to partly cloudy sky for next 5days.

Block	Athagad (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	24/02/2021	25/02/2021	26/02/2021	27/02/2021	28/02/2021
Rainfall (mm)	0	0	0	0	0
T-Max (°C)	34	36	37	38	38
T-Min (°C)	18	19	20	19	20
Cloud Cover (octa)	2	0	0	0	0
RH Max (%)	71	80	80	83	94
RH Min (%)	10	9	6	8	8
Wind Speed (kmph)	7	8	9	8	6
Wind Direction (deg)	333	281	296	335	158

**Agromet Advisory**

**General advisory:** Farmers should undertake field preparation for cultivation of different summer vegetables like sponge gourd, bottle gourd, pumpkin, water melon, musk melon etc. If seedlings are already raised in polythene bags; transplant in main field @ 2-3 seedlings per pit. Irrigation should be continue as there was dry spell prevailed.

**Pulses:**

In green gram/black gram, chances of infestation of **leaf eating caterpillar and black headed caterpillar** likely to occur. To control them, spray mixture of 2ml profenofos 50%EC or 2 ml quinalphos 25%EC or 1 ml dichlorvos 76%EC per litre of water @200 litres per acre during afternoon. There may be chances of **leaf crinkle disease** infestation due to past foggy and cold conditions. To manage the insect vector of the disease like whitefly and aphid spray Thiamethoxam 25% W. G @ 40 gram/acre or Acetamiprid 20% S.P. @ 50 gram/acre or Imidacloprid 17.8% SL @ 60-ml acre by mixing in 200 litre of water in 15 days interval. There may be chances of infestation of **Anthraxnose and Cercopsora leaf spot** in Pulses. To manage these spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre in 200 ltr water.

**Rabi-Groundnut:** Farmers are advised to do intercultivation and apply Gypsum @200 kg/ acre in Groundnut before flowering stage. **For control of Bihary hairy caterpillar and spodotera** go for spraying of fipronil 5% SL 400ml (or) indoxacarb 14.5% SC 80gm or neem oil 1000ml @ 200 liter of water per acre. There may be chances of incidence of **tikka disease** in groundnut. To manage this disease spray Chlorothalonil 75% WP @ 400-gram/ acre or Mancozeb 75% WP @ 600- gram/acre or Hexaconazole 5% E.C @ 300-ml/acre in 200 litre of water.

**Mustard:** As there are no chances of rainfall so one irrigation is needed at 50-60 days old plants. To meet the deficiency of Sulfur apply 200 gram sulfur per acre. To control **white rust disease** in mustard, spray Copper oxychloride @ 3g per litre of water. **Painted bug** 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:**

**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.** Due to fluctuating temperature condition there may be an attack of **Diamond Back Moth** in Cabbage and cauliflower. To control this apply Spinosad 45SC @ 0.5ml/l. Present humid weather may cause Powdery mildew in cabbage, to control this spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre in 200 ltr water. **Leaf eating caterpillar and fruit borer** may infest cabbage. Spray fipronil 5% SL 400ml or emamectinbenzoate 5% SG 80gm or indoxacarb 14.5% SC 200ml mixing in 200lit. of water per acre crop.

- Tomato:** Transplanted seedlings are at 6-8 week stage in main field. **Due to water stress, deficiency of boron or due to hormonal disbalance flower drop occurs.** Control: Apply timely and required amount of irrigation. Spray Boron 20% 2 gram/lit during early flowering and 15 days later. To manage **late blight** in tomato spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre at 10 days interval. Due to increase in temperature there may be chances of **bacterial canker and Sun burn** disease in tomato at fruiting stage. To control bacterial canker Farmers should spray Copper oxychloride 50% WP @ 3 g + Plantomycin @ 1 g/litre of water. They should use shade net to protect the crop from sun burn ,
- Potato:** 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 **cut worm** in potato crop spray Chlorpyrifos 50% + Cypermethrin 5 % E.C (Lethal-505/Super D) @ 400 ml/acre by mixing it in 200 litre of water.
- Onion:** Do inter culture and hand weeding may be carried out at 45-50 DAT and application of 30-kg of urea and 15-kg of MOP fertilizer should be done at this stage. Onion being a shallow rooted crop, **needs frequent light irrigation to maintain optimum soil moisture for proper growth and bulb development.** There are chances of **purple blotch and Stemphyllium blight** disease incidence in onion crop. To manage purple blotch and Stemphyllium leaf blight disease in onion spray Mancozeb 75% WP @ 600gram/acre or Difenoconazole 25% E.C @ 200ml/acre or Tebuconazole 25.9% E.C @ 100ml/acre by mixing in 200 litre of water at 15 days interval.
- Fruits:** **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. Spray Alpha Naphthyl Acetic Acid 4.5% SL @ 4.5 ml in 10 litre of water when tender fruits are in pea size. With the help of ring method of irrigation apply 25 kg FYM, 500 gram of urea and 1 kg of potash and phosphate at each tree.

**Dr Sujata Sethy**  
**(Nodal officer)**



**Follow Meghdoot Mobile APP for Agromet advisories in local language and DAMINI APP for Lightening alert in your area**



**Debasish Jena**

**SMS (Agrometeorology)**

**Contact No-9861445080/7008453427**



**GRAMIN KRISHI MAUSAM SEWA**  
**INDIA METEOROLOGICAL DEPARTMENT**  
**DISTRICT AGROMET UNIT**  
**KRISHI VIGYAN KENDRA CUTTACK**  
**(A Unit of ICAR-National Rice Research Institute)**  
**Email: kvkcuttack@gmail.com**



**Bulletin No.-170**  
**Date- 23/02/2021**

**AGROMET ADVISORY BULLETIN FOR BADAMBA**

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

The block received 0 mm and district received 0 mm rainfall during the last week. The mean daily maximum and minimum temperature was 33°C and 17°C, respectively. Mean relative humidity of the district was around 68-49%.

**Forecasted period: Today(8.30IST) to 28<sup>th</sup>February (8.30IST)2021**

**Weather advisory:** No rainfall/dry weather is forecasted for upcoming 5 days (Today (8.30IST) to Sunday (8.30 IST)) in the block. Maximum and minimum temperature will be likely to increase in upcoming 5 days. The day temperature will be 34-38°C and night temperature will be 18-20°C for upcoming 5 days. Maximum and minimum relative humidity will be 59-83% and 06-10% respectively. There will be mainly clear to partly cloudy sky for next 5 days.

Block	Badamba (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	24/02/2021	25/02/2021	26/02/2021	27/02/2021	28/02/2021
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	34	36	37	37	38
T-Min(°C)	18	19	20	19	20
Cloud Cover(octa)	2	0	0	0	0
RH Max (%)	59	71	63	63	83
RH Min (%)	10	9	6	8	8
Wind Speed (Kmph)	6	7	8	8	6
Wind Direction (deg)	315	240	296	335	153

**Agromet Advisory**

**General advisory:** Farmers should undertake field preparation for cultivation of different summer vegetables like sponge gourd, bottle gourd, pumpkin, water melon, musk melon etc. If seedlings are already raised in polythene bags; transplant in main field @ 2-3 seedlings per pit. Irrigation should be continue as there was dry spell prevailed.

**Pulses:**

In green gram/black gram, chances of infestation of **leaf eating caterpillar and black headed caterpillar** likely to occur. To control them, spray mixture of 2ml profenofos 50%EC or 2 ml quinalphos 25%EC or 1 ml dichlorvos 76%EC per litre of water @200 litres per acre during afternoon. There may be chances of **leaf crinkle disease** infestation due to past foggy and cold conditions. To manage the insect vector of the disease like whitefly and aphid spray Thiamethoxam 25% W. G @ 40 gram/acre or Acetamiprid 20% S.P. @ 50 gram/acre or Imidacloprid 17.8% SL @ 60-ml acre by mixing in 200 litre of water in 15 days interval. There may be chances of infestation of **Anthraxnose and Cercospora leaf spot** in Pulses. To manage these spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre in 200 ltr water.

**Rabi-Groundnut:** Farmers are advised to do intercultivation and apply Gypsum @200 kg/ acre in Groundnut before flowering stage. **For control of Bihary hairy caterpillar and spodotera** go for spraying of fipronil 5% SL 400ml (or) indoxacarb 14.5% SC 80gm or neem oil 1000ml @ 200 liter of water per acre. There may be chances of incidence of **tikka disease** in groundnut. To manage this disease spray Chlorothalonil 75% WP @ 400-gram/ acre or Mancozeb 75% WP @ 600- gram/acre or Hexaconazole 5% E.C @ 300-ml/acre in 200 liter of water.

**Mustard:** As there are no chances of rainfall so one irrigation is needed at 50-60 days old plants. To meet the deficiency of Sulphur apply 200 gram sulphur per acre. To control **white rust disease** in mustard, spray Copper oxychloride @ 3g per litre of water. **Painted bug** 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 propanil @ 1 ml per liter at 15 days interval for 2-3 times.

**Vegetables:**

**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.** Due to fluctuating temperature condition there may be an attack of **Diamond Back Moth** in Cabbage and cauliflower. To control this apply Spinosad 45SC @ 0.5ml/l. Present humid weather may cause Powdery mildew in cabbage, to control this spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre in 200 liter water. **Leaf eating caterpillar and fruit borer** may infest cabbage. Spray fipronil 5% SL 400ml or emamectin benzoate 5% SG 80gm or indoxacarb 14.5% SC 200ml mixing in 200lit. of water per acre crop.

• **Tomato:** Transplanted seedlings are at 6-8 week stage in main field. **Due to water stress, deficiency of boron or due to hormonal disbalance flower drop occurs.** Control: Apply timely and required amount of irrigation. Spray Boron 20% 2 gram/lit during early flowering and 15 days later. To manage **late blight** in tomato spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre at 10 days interval. Due to increase in temperature there may be chances of **bacterial canker and Sun burn** disease in tomato at fruiting stage. To control bacterial canker Farmers should spray Copper oxychloride 50% WP @ 3 g + Plantomycin @ 1 g/litre of water. They should use shade net to protect the crop from sun burn,

• **Potato:** 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 **cut worm** in potato crop spray Chlorpyrifos 50% + Cypermethrin 5 % E.C (Lethal-505/Super D) @ 400 ml/acre by mixing it in 200 litre of water.

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

• **Fruits: 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. Spray Alpha Naphthyl Acetic Acid 4.5% SL @ 4.5 ml in 10 litre of water when tender fruits are in pea size. With the help of ring method of irrigation apply 25 kg FYM, 500 gram of urea and 1 kg of potash and phosphate at each tree.

**Dr Sujata Sethy**  
**(Nodal officer)**



**Follow Meghdoot Mobile APP for Agromet advisories in local language and DAMINI APP for Lightening alert in your area**



**Debasish Jena**

**SMS (Agrometeorology)**

**Contact No-9861445080/7008453427**



**GRAMIN KRISHI MAUSAM SEWA**  
**INDIA METEOROLOGICAL DEPARTMENT**  
**DISTRICT AGROMET UNIT**  
**KRISHI VIGYAN KENDRA CUTTACK**  
**(A Unit of ICAR-National Rice Research Institute)**  
**Email: kvkcuttack@gmail.com**



**Bulletin No.-170**  
**Date- 23/02/2021**

**AGROMET ADVISORY BULLETIN FORBANKI**

**District Past week weatherconditionand Block past Rainfall condition**

The block received 0 mm and district received 0 mm rainfall during the last week. The mean daily maximum and minimum temperature was 33°C and 17°C, respectively. Mean relative humidity of the district was around 68-49%.

**Forecasted period: Today(8.30IST) to 28<sup>th</sup>February (8.30IST)2021**

**Weatheradvisory:** No rainfall/dry weather is forecasted for upcoming 5 days (Today (8.30IST) to Sunday (8.30 IST)) in the block. Maximum and minimum temperature will be likely to increase in upcoming 5 days. The day temperature will be 34-38°C and night temperature will be 18-20°C for upcoming 5 days. Maximum and minimum relative humidity will be 69-90% and 06-10% respectively. There will be mainly clear to partly cloudy sky for next 5 days.

Block	Banki(VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	24/02/2021	25/02/2021	26/02/2021	27/02/2021	28/02/2021
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	34	36	37	38	38
T-Min(°C)	18	19	20	19	20
Cloud Cover(octa)	2	0	0	0	0
RH Max (%)	69	76	75	78	90
RH Min (%)	10	10	6	8	8
Wind Speed (Kmph)	7	9	9	8	6
Wind Direction (deg)	165	240	296	338	161

**Agromet Advisory**

**General advisory:** Farmers should undertake field preparation for cultivation of different summer vegetables like sponge gourd, bottle gourd, pumpkin, water melon, musk melon etc. If seedlings are already raised in polythene bags; transplant in main field @ 2-3 seedlings per pit. Irrigation should be continue as there was dry spell prevailed.

**Pulses:**

In green gram/black gram, chances of infestation of **leaf eating caterpillar and black headed caterpillar** likely to occur. To control them, spray mixture of 2ml profenofos 50%EC or 2 ml quinalphos 25%EC or 1 ml dichlorvos 76%EC per litre of water @200 litres per acre during afternoon. There may be chances of **leaf crinkle disease** infestation due to past foggy and cold conditions. To manage the insect vector of the disease like whitefly and aphid spray Thiamethoxam 25% W. G @ 40 gram/acre or Acetamiprid 20% S.P. @ 50 gram/acre or Imidacloprid 17.8% SL @ 60-ml acre by mixing in 200 litre of water in 15 days interval. There may be chances of infestation of **Anthraxnose and Cercospora leaf spot** in Pulses. To manage these spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre in 200 ltr water.

**Rabi-Groundnut:** Farmers are advised to do intercultivation and apply Gypsum @200 kg/ acre in Groundnut before flowering stage. **For control of Bihary hairy caterpillar and spodoterago** for spraying of fipronil 5% SL 400ml (or) indoxacarb 14.5% SC 80gm or neem oil 1000ml @ 200 liter of water per acre. There may be chances of incidence of **tikka disease** in groundnut. To manage this disease spray Chlorothalonil 75% WP @ 400-gram/ acre or Mancozeb 75% WP @ 600- gram/acre or Hexaconazole 5% E.C @ 300-ml/acre in 200 liter of water.

**Mustard:** As there are no chances of rainfall so one irrigation is needed at 50-60 days old plants. To meet the deficiency of Sulphur apply 200 gram sulphur per acre. To control **white rust disease** in mustard, spray Copper oxychloride @ 3g per litre of water. **Painted bug** 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 propeconazole @ 1 ml per liter at 15 days interval for 2-3 times.

**Vegetables:**

**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.** Due to fluctuating temperature condition there may be an attack of **Diamond Back Moth** in Cabbage and cauliflower. To control this apply Spinosad 45SC @ 0.5ml/l. Present humid weather may cause Powdery mildew in cabbage, to control this spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre in 200 liter water. **Leaf eating caterpillar and fruit borer** may infest cabbage. Spray fipronil 5% SL 400ml or emamectinbenzoate 5% SG 80gm or indoxacarb 14.5% SC 200ml mixing in 200lit. of water per acre crop.

- Tomato:** Transplanted seedlings are at 6-8 week stage in main field. **Due to water stress, deficiency of boron or due to hormonal disbalance flower drop occurs.** Control: Apply timely and required amount of irrigation. Spray Boron 20% 2 gram/lit during early flowering and 15 days later. To manage **late blight** in tomato spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre at 10 days interval. Due to increase in temperature there may be chances of **bacterial canker and Sun burn** disease in tomato at fruiting stage. To control bacterial canker Farmers should spray Copper oxychloride 50% WP @ 3 g + Plantomycin @ 1 g/litre of water. They should use shade net to protect the crop from sun burn,
- Potato:** 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 **cut worm** in potato crop spray Chlorpyrifos 50% + Cypermethrin 5 % E.C (Lethal-505/Super D) @ 400 ml/acre by mixing it in 200 litre of water.
- Onion:** Do inter culture and hand weeding may be carried out at 45-50 DAT and application of 30-kg of urea and 15-kg of MOP fertilizer should be done at this stage. Onion being a shallow rooted crop, **needs frequent light irrigation to maintain optimum soil moisture for proper growth and bulb development.** There are chances of **purple blotch and Stemphyllium blight** disease incidence in onion crop. To manage purple blotch and Stemphyllium leaf blight disease in onion spray Mancozeb 75% WP @ 600gram/acre or Difenoconazole 25% E.C @ 200ml/acre or Tebuconazole 25.9% E.C @ 100ml/acre by mixing in 200 litre of water at 15 days interval.
- Fruits: 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. Spray Alpha Naphthyl Acetic Acid 4.5% SL @ 4.5 ml in 10 litre of water when tender fruits are in pea size. With the help of ring method of irrigation apply 25 kg FYM, 500 gram of urea and 1 kg of potash and phosphate at each tree.

**Dr Sujata Sethy**  
**(Nodal officer)**



**Follow Meghdoot Mobile APP for Agromet advisories in local language and DAMINI APP for Lightening alert in your area**



**Debasish Jena**

**SMS (Agrometeorology)**

**Contact No-9861445080/7008453427**





**GRAMIN KRISHI MAUSAM SEWA**  
**INDIA METEOROLOGICAL DEPARTMENT**  
**DISTRICT AGROMET UNIT**  
**KRISHI VIGYAN KENDRA CUTTACK**  
**(A Unit of ICAR-National Rice Research Institute)**  
**Email: kvkcuttack@gmail.com**



**Bulletin No.-170**  
**Date- 23/02/2021**

**AGROMET ADVISORY BULLETIN FOR BANKI-DAMPARA**

**District Past week weather condition**

The district received 0 mm rainfall during the last week. The mean daily maximum and minimum temperature was 33°C and 17°C, respectively. Mean relative humidity of the district was around 68-49%.

**Forecasted period: Today(8.30IST) to 28<sup>th</sup>February (8.30IST)2021**

**Weather Advisory:** No rainfall/dry weather is forecasted for upcoming 5days (Today (8.30IST) to Sunday (8.30 IST)) in the block. Maximum and minimum temperature will be likely to increase in upcoming 5 days. The day temperature will be 34-38°C and night temperature will be 18-20°C for upcoming 5 days. Maximum and minimum relative humidity will be 70-91% and 07-10% respectively. There will be mainly clear to partly cloudy sky for next 5days.

Block	Banki-Dampara (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	24/02/2021	25/02/2021	26/02/2021	27/02/2021	28/02/2021
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	34	36	37	38	38
T-Min(°C)	18	19	20	19	20
Cloud Cover(octa)	2	0	0	0	1
RH Max (%)	70	77	76	79	91
RH Min (%)	10	10	7	8	8
Wind Speed (Kmph)	7	9	9	8	6
Wind Direction (deg)	180	210	296	334	165

**Agromet Advisory**

**General advisory:** Farmers should undertake field preparation for cultivation of different summer vegetables like sponge gourd, bottle gourd, pumpkin, water melon, musk melon etc. If seedlings are already raised in polythene bags; transplant in main field @ 2-3 seedlings per pit. Irrigation should be continue as there was dry spell prevailed.

**Pulses:**

In green gram/black gram, chances of infestation of **leaf eating caterpillar and black headed caterpillar** likely to occur. To control them, spray mixture of 2ml profenofos 50%EC or 2 ml quinalphos 25%EC or 1 ml dichlorvos 76%EC per litre of water @200 litres per acre during afternoon. There may be chances of **leaf crinkle disease** infestation due to past foggy and cold conditions. To manage the insect vector of the disease like whitefly and aphid spray Thiamethoxam 25% W. G @ 40 gram/acre or Acetamiprid 20% S.P. @ 50 gram/acre or Imidacloprid 17.8% SL @ 60-ml acre by mixing in 200 litre of water in 15 days interval. There may be chances of infestation of **Anthraxnose and Cercospora leaf spot** in Pulses. To manage these spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre in 200 ltr water.

**Rabi-Groundnut:** Farmers are advised to do intercultivation and apply Gypsum @200 kg/ acre in Groundnut before flowering stage. **For control of Bihary hairy caterpillar and spodotera** go for spraying of fipronil 5% SL 400ml (or) indoxacarb 14.5% SC 80gm or neem oil 1000ml @ 200 liter of water per acre. There may be chances of incidence of **tikka disease** in groundnut. To manage this disease spray Chlorothalonil 75% WP @ 400-gram/ acre or Mancozeb 75% WP @ 600- gram/acre or Hexaconazole 5% E.C @ 300-ml/acre in 200 liter of water.

**Mustard:** As there are no chances of rainfall so one irrigation is needed at 50-60 days old plants. To meet the deficiency of Sulphur apply 200 gram sulphur per acre. To control **white rust disease** in mustard, spray Copper oxychloride @ 3g per litre of water. **Painted bug** 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 propanazole @ 1 ml per liter at 15 days interval for 2-3 times.

**Vegetables:**

**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.** Due to fluctuating temperature condition there may be an attack of **Diamond Back Moth** in Cabbage and cauliflower. To control this apply Spinosad 45SC @ 0.5ml/l. Present humid weather may cause Powdery mildew in cabbage, to control this spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre in 200 liter water. **Leaf eating caterpillar and fruit borer** may infest cabbage. Spray fipronil 5% SL 400ml or emamectin benzoate 5% SG 80gm or indoxacarb 14.5% SC 200ml mixing in 200lit. of water per acre crop.

- Tomato:** Transplanted seedlings are at 6-8 week stage in main field. **Due to water stress, deficiency of boron or due to hormonal disbalance flower drop occurs.** Control: Apply timely and required amount of irrigation. Spray Boron 20% 2 gram/lit during early flowering and 15 days later. To manage **late blight** in tomato spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre at 10 days interval. Due to increase in temperature there may be chances of **bacterial canker and Sun burn** disease in tomato at fruiting stage. To control bacterial canker Farmers should spray Copper oxychloride 50% WP @ 3 g + Plantomycin @ 1 g/litre of water. They should use shade net to protect the crop from sun burn ,
- Potato:** 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 **cut worm** in potato crop spray Chlorpyrifos 50% + Cypermethrin 5 % E.C (Lethal-505/Super D) @ 400 ml/acre by mixing it in 200 litre of water.
- Onion:** Do inter culture and hand weeding may be carried out at 45-50 DAT and application of 30-kg of urea and 15-kg of MOP fertilizer should be done at this stage. Onion being a shallow rooted crop, **needs frequent light irrigation to maintain optimum soil moisture for proper growth and bulb development.** There are chances of **purple blotch and Stemphyllium blight** disease incidence in onion crop. To manage purple blotch and Stemphyllium leaf blight disease in onion spray Mancozeb 75% WP @ 600gram/acre or Difenoconazole 25% E.C @ 200ml/acre or Tebuconazole 25.9% E.C @ 100ml/acre by mixing in 200 litre of water at 15 days interval.
- Fruits:** **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. Spray Alpha Naphthyl Acetic Acid 4.5% SL @ 4.5 ml in 10 litre of water when tender fruits are in pea size. With the help of ring method of irrigation apply 25 kg FYM, 500 gram of urea and 1 kg of potash and phosphate at each tree.

**Dr Sujata Sethy**  
**(Nodal officer)**



**Follow Meghdoot Mobile APP for Agromet advisories in local language and DAMINI APP for Lightening alert in your area**



**Debasish Jena**

**SMS (Agrometeorology)**

**Contact No-9861445080/7008453427**





**GRAMIN KRISHI MAUSAM SEWA**  
**INDIA METEOROLOGICAL DEPARTMENT**  
**DISTRICT AGROMET UNIT**  
**KRISHI VIGYAN KENDRA CUTTACK**  
**(A Unit of ICAR-National Rice Research Institute)**  
**Email: kvkcuttack@gmail.com**



**Bulletin No.-170**  
**Date- 23/02/2021**

**AGROMET ADVISORY BULLETIN FOR BARANGA**

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

The block received 0 mm and district received 0 mm rainfall during the last week. The mean daily maximum and minimum temperature was 33°C and 17°C, respectively. Mean relative humidity of the district was around 68-49%.

**Forecasted period: Today(8.30IST) to 28<sup>th</sup>February (8.30IST)2021**

**Weather advisory:** No rainfall/dry weather is forecasted for upcoming 5 days (Today (8.30IST) to Sunday (8.30 IST)) in the block. Maximum and minimum temperature will be likely to increase in upcoming 5 days. The day temperature will be 34-38°C and night temperature will be 19-21°C for upcoming 5 days. Maximum and minimum relative humidity will be 83-96% and 08-14% respectively. There will be mainly clear to partly cloudy sky for next 5 days.

Block	Baranga (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	24/02/2021	25/02/2021	26/02/2021	27/02/2021	28/02/2021
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	34	35	37	38	37
T-Min(°C)	19	19	19	20	21
Cloud Cover	2	0	0	0	1
RH Max (%)	83	83	88	92	96
RH Min (%)	11	14	8	8	10
Wind Speed (Kmph)	9	11	11	9	8
Wind Direction (deg)	210	208	293	199	200

**Agromet Advisory**

**General advisory:** Farmers should undertake field preparation for cultivation of different summer vegetables like sponge gourd, bottle gourd, pumpkin, water melon, musk melon etc. If seedlings are already raised in polythene bags; transplant in main field @ 2-3 seedlings per pit. Irrigation should be continue as there was dry spell prevailed.

**Pulses:**

In green gram/black gram, chances of infestation of **leaf eating caterpillar and black headed caterpillar** likely to occur. To control them, spray mixture of 2ml profenofos 50%EC or 2 ml quinalphos 25%EC or 1 ml dichlorvos 76%EC per litre of water @200 litres per acre during afternoon. There may be chances of **leaf crinkle disease** infestation due to past foggy and cold conditions. To manage the insect vector of the disease like whitefly and aphid spray Thiamethoxam 25% W. G @ 40 gram/acre or Acetamiprid 20% S.P. @ 50 gram/acre or Imidacloprid 17.8% SL @ 60-ml acre by mixing in 200 litre of water in 15 days interval. There may be chances of infestation of **Anthraxnose and Cercospora leaf spot** in Pulses. To manage these spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre in 200 ltr water.

**Rabi-Groundnut:** Farmers are advised to do intercultivation and apply Gypsum @200 kg/ acre in Groundnut before flowering stage. **For control of Bihary hairy caterpillar and spodotera** go for spraying of fipronil 5% SL 400ml (or) indoxacarb 14.5% SC 80gm or neem oil 1000ml @ 200 liter of water per acre. There may be chances of incidence of **tikka disease** in groundnut. To manage this disease spray Chlorothalonil 75% WP @ 400-gram/ acre or Mancozeb 75% WP @ 600- gram/acre or Hexaconazole 5% E.C @ 300-ml/acre in 200 liter of water.

**Mustard:** As there are no chances of rainfall so one irrigation is needed at 50-60 days old plants. To meet the deficiency of Sulphur apply 200 gram sulphur per acre. To control **white rust disease** in mustard, spray Copper oxychloride @ 3g per litre of water. **Painted bug** 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 propanil @ 1 ml per liter at 15 days interval for 2-3 times.

**Vegetables:**

**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.** Due to fluctuating temperature condition there may be an attack of **Diamond Back Moth** in Cabbage and cauliflower. To control this apply Spinosad 45SC @ 0.5ml/l. Present humid weather may cause Powdery mildew in cabbage, to control this spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre in 200 liter water. **Leaf eating caterpillar and fruit borer** may infest cabbage. Spray fipronil 5% SL 400ml or emamectin benzoate 5% SG 80gm or indoxacarb 14.5% SC 200ml mixing in 200lit. of water per acre crop.

**Tomato:** Transplanted seedlings are at 6-8 week stage in main field. **Due to water stress, deficiency of boron or due to hormonal disbalance flower drop occurs.** Control: Apply timely and required amount of irrigation. Spray Boron 20% 2 gram/lit during early flowering and 15 days later. To manage **late blight** in tomato spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre at 10 days interval. Due to increase in temperature there may be chances of **bacterial canker and Sun burn** disease in tomato at fruiting stage. To control bacterial canker Farmers should spray Copper oxychloride 50% WP @ 3 g + Plantomycin @ 1 g/litre of water. They should use shade net to protect the crop from sun burn,

**Potato:** 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 **cut worm** in potato crop spray Chlorpyrifos 50% + Cypermethrin 5 % E.C (Lethal-505/Super D) @ 400 ml/acre by mixing it in 200 litre of water.

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

**Fruits: 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. Spray Alpha Naphthyl Acetic Acid 4.5% SL @ 4.5 ml in 10 litre of water when tender fruits are in pea size. With the help of ring method of irrigation apply 25 kg FYM, 500 gram of urea and 1 kg of potash and phosphate at each tree.

**Dr Sujata Sethy**  
**(Nodal officer)**



**Follow Meghdoot Mobile APP for Agromet advisories in local language and DAMINI APP for Lightening alert in your area**



**Debasish Jena**

**SMS (Agrometeorology)**

**Contact No-9861445080/7008453427**



**GRAMIN KRISHI MAUSAM SEWA**  
**INDIA METEOROLOGICAL DEPARTMENT**  
**DISTRICT AGROMET UNIT**  
**KRISHI VIGYAN KENDRA CUTTACK**  
**(A Unit of ICAR-National Rice Research Institute)**  
**Email: kvkcuttack@gmail.com**



**Bulletin No.-170**  
**Date- 23/02/2021**

**AGROMET ADVISORY BULLETIN FOR CUTTACK SADAR**  
**District Past week weather condition and Block past Rainfall condition**

The block received 0 mm and district received 0 mm rainfall during the last week. The mean daily maximum and minimum temperature was 33°C and 17°C, respectively. Mean relative humidity of the district was around 68-49%.

**Forecasted period: Today(8.30IST) to 28<sup>th</sup>February (8.30IST)2021**

**Weather advisory:** No rainfall/dry weather is forecasted for upcoming 5 days (Today (8.30IST) to Sunday (8.30 IST)) in the block. Maximum and minimum temperature will be likely to increase in upcoming 5 days. The day temperature will be 34-38°C and night temperature will be 19-20°C for upcoming 5 days. Maximum and minimum relative humidity will be 79-96% and 06-11% respectively. There will be mainly clear sky for next 5 days.

Block	Cuttack sadar (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	24/02/2021	25/02/2021	26/02/2021	27/02/2021	28/02/2021
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	34	36	37	38	37
T-Min(°C)	19	19	20	20	20
Cloud Cover(octa)	2	0	0	0	1
RH Max (%)	79	84	86	91	96
RH Min (%)	11	11	6	8	8
Wind Speed (Kmph)	8	10	11	8	8
Wind Direction (deg)	210	216	293	338	200

**Agromet Advisory**

**General advisory:** Farmers should undertake field preparation for cultivation of different summer vegetables like sponge gourd, bottle gourd, pumpkin, water melon, musk melon etc. If seedlings are already raised in polythene bags; transplant in main field @ 2-3 seedlings per pit. Irrigation should be continue as there was dry spell prevailed.

**Pulses:**

In green gram/black gram, chances of infestation of **leaf eating caterpillar and black headed caterpillar** likely to occur. To control them, spray mixture of 2ml profenofos 50%EC or 2 ml quinalphos 25%EC or 1 ml dichlorvos 76%EC per litre of water @200 litres per acre during afternoon. There may be chances of **leaf crinkle disease** infestation due to past foggy and cold conditions. To manage the insect vector of the disease like whitefly and aphid spray Thiamethoxam 25% W. G @ 40 gram/acre or Acetamiprid 20% S.P. @ 50 gram/acre or Imidacloprid 17.8% SL @ 60-ml acre by mixing in 200 litre of water in 15 days interval. There may be chances of infestation of **Anthracoze and Cercopsera leaf spot** in Pulses. To manage these spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre in 200 ltr water.

**Rabi-Groundnut:** Farmers are advised to do intercultivation and apply Gypsum @200 kg/ acre in Groundnut before flowering stage. **For control of Bihary hairy caterpillar and spodotera** go for spraying of fipronil 5% SL 400ml (or) indoxacarb 14.5% SC 80gm or neem oil 1000ml @ 200 liter of water per acre. There may be chances of incidence of **tikka disease** in groundnut. To manage this disease spray Chlorothalonil 75% WP @ 400-gram/ acre or Mancozeb 75% WP @ 600- gram/acre or Hexaconazole 5% E.C @ 300-ml/acre in 200 litre of water.

**Mustard:** As there are no chances of rainfall so one irrigation is needed at 50-60 days old plants. To meet the deficiency of Sulfur apply 200 gram sulfur per acre. To control **white rust disease** in mustard, spray Copper oxychloride @ 3g per litre of water. **Painted bug** 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:**

**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. Due to fluctuating temperature condition there may be an attack of **Diamond Back Moth** in Cabbage and cauliflower. To control this apply Spinosad 45SC @ 0.5ml/l. Present humid weather may cause Powdery mildew in cabbage, to control this spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre in 200 litre water. **Leaf eating caterpillar and fruit borer** may infest cabbage. Spray fipronil 5% SL 400ml or emamectinbenzoate 5% SG 80gm or indoxacarb 14.5% SC 200ml mixing in 200lit. of water per acre crop.

- Tomato:** Transplanted seedlings are at 6-8 week stage in main field. **Due to water stress, deficiency of boron or due to hormonal disbalance flower drop occurs.** Control: Apply timely and required amount of irrigation. Spray Boron 20% 2 gram/lit during early flowering and 15 days later. To manage **late blight** in tomato spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre at 10 days interval. Due to increase in temperature there may be chances of **bacterial canker and Sun burn** disease in tomato at fruiting stage. To control bacterial canker Farmers should spray Copper oxychloride 50% WP @ 3 g + Plantomycin @ 1 g/litre of water. They should use shade net to protect the crop from sun burn.
- Potato:** 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 **cut worm** in potato crop spray Chlorpyrifos 50% + Cypermethrin 5 % E.C (Lethal-505/Super D) @ 400 ml/acre by mixing it in 200 litre of water.
- Onion:** Do inter culture and hand weeding may be carried out at 45-50 DAT and application of 30-kg of urea and 15-kg of MOP fertilizer should be done at this stage. Onion being a shallow rooted crop, **needs frequent light irrigation to maintain optimum soil moisture for proper growth and bulb development.** There are chances of **purple blotch and Stemphyllium blight** disease incidence in onion crop. To manage purple blotch and Stemphyllium leaf blight disease in onion spray Mancozeb 75% WP @ 600gram/acre or Difenconazole 25% E.C @ 200ml/acre or Tebuconazole 25.9% E.C @ 100ml/acre by mixing in 200 litre of water at 15 days interval.
- Fruits:** **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. Spray Alpha Naphthyl Acetic Acid 4.5% SL @ 4.5 ml in 10 litre of water when tender fruits are in pea size. With the help of ring method of irrigation apply 25 kg FYM, 500 gram of urea and 1 kg of potash and phosphate at each tree.

**Dr Sujata Sethy**  
**(Nodal officer)**



**Follow Meghdoot Mobile APP for Agromet advisories in local language and DAMINI APP for Lightening alert in your area**



**Debasish Jena**

**SMS (Agrometeorology)**

**Contact No-9861445080/7008453427**



**GRAMIN KRISHI MAUSAM SEWA**  
**INDIA METEOROLOGICAL DEPARTMENT**  
**DISTRICT AGROMET UNIT**  
**KRISHI VIGYAN KENDRA CUTTACK**  
**(A Unit of ICAR-National Rice Research Institute)**  
**Email: kvkcuttack@gmail.com**



**Bulletin No.-170**  
**Date- 23/02/2021**

**AGROMET ADVISORY BULLETIN FOR KANTAPADA**

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

The block received 0 mm and district received 0 mm rainfall during the last week. The mean daily maximum and minimum temperature was 33°C and 17°C, respectively. Mean relative humidity of the district was around 68-49%.

**Forecasted period: Today(8.30IST) to 28<sup>th</sup>February (8.30IST)2021**

**Weather advisory:** No rainfall/dry weather is forecasted for upcoming 5 days (Today (8.30IST) to Sunday (8.30 IST)) in the block. Maximum and minimum temperature will be likely to increase in upcoming 5 days. The day temperature will be 34-37°C and night temperature will be 19-21°C for upcoming 5 days. Maximum and minimum relative humidity will be 84-97% and 11-20% respectively. There will be mainly clear sky for next 5 days.

Block	Kantapada (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	24/02/2021	25/02/2021	26/02/2021	27/02/2021	28/02/2021
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	35	34	36	37	36
T-Min(°C)	19	20	20	20	21
Cloud Cover(octa)	2	1	0	0	1
RH Max (%)	86	84	90	93	97
RH Min (%)	14	20	13	11	17
Wind Speed (Kmph)	9	13	12	9	9
Wind Direction (deg)	225	207	216	203	203

**Agromet Advisory**

**General advisory:** Farmers should undertake field preparation for cultivation of different summer vegetables like sponge gourd, bottle gourd, pumpkin, water melon, musk melon etc. If seedlings are already raised in polythene bags; transplant in main field @ 2-3 seedlings per pit. Irrigation should be continue as there was dry spell prevailed.

**Pulses:**

In green gram/black gram, chances of infestation of **leaf eating caterpillar and black headed caterpillar** likely to occur. To control them, spray mixture of 2ml profenofos 50%EC or 2 ml quinalphos 25%EC or 1 ml dichlorvos 76%EC per litre of water @200 litres per acre during afternoon. There may be chances of **leaf crinkle disease** infestation due to past foggy and cold conditions. To manage the insect vector of the disease like whitefly and aphid spray Thiamethoxam 25% W. G @ 40 gram/acre or Acetamiprid 20% S.P. @ 50 gram/acre or Imidacloprid 17.8% SL @ 60-ml acre by mixing in 200 litre of water in 15 days interval. There may be chances of infestation of **Anthraxnose and Cercopsora leaf spot** in Pulses. To manage these spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre in 200 ltr water.

**Rabi-Groundnut:** Farmers are advised to do intercultivation and apply Gypsum @200 kg/ acre in Groundnut before flowering stage. **For control of Bihary hairy caterpillar and spodotera** go for spraying of fipronil 5% SL 400ml (or) indoxacarb 14.5% SC 80gm or neem oil 1000ml @ 200 liter of water per acre. There may be chances of incidence of **tikka disease** in groundnut. To manage this disease spray Chlorothalonil 75% WP @ 400-gram/ acre or Mancozeb 75% WP @ 600- gram/acre or Hexaconazole 5% E.C @ 300-ml/acre in 200 liter of water.

**Mustard:** As there are no chances of rainfall so one irrigation is needed at 50-60 days old plants. To meet the deficiency of Sulphur apply 200 gram sulphur per acre. To control **white rust disease** in mustard, spray Copper oxychloride @ 3g per litre of water. **Painted bug** 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 propanil @ 1 ml per liter at 15 days interval for 2-3 times.

**Vegetables:**

**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.** Due to fluctuating temperature condition there may be an attack of **Diamond Back Moth** in Cabbage and cauliflower. To control this apply Spinosad 45SC @ 0.5ml/l. Present humid weather may cause Powdery mildew in cabbage, to control this spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre in 200 liter water. **Leaf eating caterpillar and fruit borer** may infest cabbage. Spray fipronil 5% SL 400ml or emamectin benzoate 5% SG 80gm or indoxacarb 14.5% SC 200ml mixing in 200lit. of water per acre crop.

- Tomato:** Transplanted seedlings are at 6-8 week stage in main field. **Due to water stress, deficiency of boron or due to hormonal disbalance flower drop occurs.** Control: Apply timely and required amount of irrigation. Spray Boron 20% 2 gram/lit during early flowering and 15 days later. To manage **late blight** in tomato spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre at 10 days interval. Due to increase in temperature there may be chances of **bacterial canker and Sun burn** disease in tomato at fruiting stage. To control bacterial canker Farmers should spray Copper oxychloride 50% WP @ 3 g + Plantomycin @ 1 g/litre of water. They should use shade net to protect the crop from sun burn,
- Potato:** 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 **cut worm** in potato crop spray Chlorpyrifos 50% + Cypermethrin 5 % E.C (Lethal-505/Super D) @ 400 ml/acre by mixing it in 200 litre of water.
- Onion:** Do inter culture and hand weeding may be carried out at 45-50 DAT and application of 30-kg of urea and 15-kg of MOP fertilizer should be done at this stage. Onion being a shallow rooted crop, **needs frequent light irrigation to maintain optimum soil moisture for proper growth and bulb development.** There are chances of **purple blotch and Stemphylium blight** disease incidence in onion crop. To manage purple blotch and Stemphylium leaf blight disease in onion spray Mancozeb 75% WP @ 600gram/acre or Difenoconazole 25% E.C @ 200ml/acre or Tebuconazole 25.9% E.C @ 100ml/acre by mixing in 200 litre of water at 15 days interval.
- Fruits: 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. Spray Alpha Naphthyl Acetic Acid 4.5% SL @ 4.5 ml in 10 litre of water when tender fruits are in pea size. With the help of ring method of irrigation apply 25 kg FYM, 500 gram of urea and 1 kg of potash and phosphate at each tree.

**Dr Sujata Sethy**  
**(Nodal officer)**



**Follow Meghdoot Mobile APP for Agromet advisories in local language and DAMINI APP for Lightening alert in your area**



**Debasish Jena**

**SMS (Agrometeorology)**

**Contact No-9861445080/7008453427**





**GRAMIN KRISHI MAUSAM SEWA**  
**INDIA METEOROLOGICAL DEPARTMENT**  
**DISTRICT AGROMET UNIT**  
**KRISHI VIGYAN KENDRA CUTTACK**  
**(A Unit of ICAR-National Rice Research Institute)**  
**Email: kvkcuttack@gmail.com**



**Bulletin No.-170**  
**Date- 23/02/2021**

**AGROMET ADVISORY BULLETIN FOR MAHANGA**

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

The block received 0 mm and district received 0 mm rainfall during the last week. The mean daily maximum and minimum temperature was 33°C and 17°C, respectively. Mean relative humidity of the district was around 68-49%.

**Forecasted period: Today(8.30IST) to 28<sup>th</sup>February (8.30IST)2021**

**Weather advisory:** No rainfall/dry weather is forecasted for upcoming 5 days (Today (8.30IST) to Sunday (8.30 IST)) in the block. Maximum and minimum temperature will be likely to increase in upcoming 5 days. The day temperature will be 34-37°C and night temperature will be 18-20°C for upcoming 5 days. Maximum and minimum relative humidity will be 82-96% and 08-15% respectively. There will be mainly clear sky for next 5 days.

Block	Mahanga (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	24/02/2021	25/02/2021	26/02/2021	27/02/2021	28/02/2021
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	34	35	37	37	37
T-Min(°C)	18	19	19	19	20
Cloud Cover(octal)	2	0	0	0	0
RH Max (%)	82	86	87	91	96
RH Min (%)	14	15	8	9	12
Wind Speed (Kmph)	9	11	12	9	9
Wind Direction (deg)	240	242	214	210	203

**Agromet Advisory**

**General advisory:** Farmers should undertake field preparation for cultivation of different summer vegetables like sponge gourd, bottle gourd, pumpkin, water melon, musk melon etc. If seedlings are already raised in polythene bags; transplant in main field @ 2-3 seedlings per pit. Irrigation should be continue as there was dry spell prevailed.

**Pulses:**

In green gram/black gram, chances of infestation of **leaf eating caterpillar and black headed caterpillar** likely to occur. To control them, spray mixture of 2ml profenofos 50%EC or 2 ml quinalphos 25%EC or 1 ml dichlorvos 76%EC per litre of water @200 litres per acre during afternoon. There may be chances of **leaf crinkle disease** infestation due to past foggy and cold conditions. To manage the insect vector of the disease like whitefly and aphid spray Thiamethoxam 25% W. G @ 40 gram/acre or Acetamiprid 20% S.P. @ 50 gram/acre or Imidacloprid 17.8% SL @ 60-ml acre by mixing in 200 litre of water in 15 days interval. There may be chances of infestation of **Anthraxnose and Cercopsora leaf spot** in Pulses. To manage these spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre in 200 ltr water.

**Rabi-Groundnut:** Farmers are advised to do intercultivation and apply Gypsum @200 kg/ acre in Groundnut before flowering stage. **For control of Bihary hairy caterpillar and spodotera** go for spraying of fipronil 5% SL 400ml (or) indoxacarb 14.5% SC 80gm or neem oil 1000ml @ 200 liter of water per acre. There may be chances of incidence of **tikka disease** in groundnut. To manage this disease spray Chlorothalonil 75% WP @ 400-gram/ acre or Mancozeb 75% WP @ 600- gram/acre or Hexaconazole 5% E.C @ 300-ml/acre in 200 liter of water.

**Mustard:** As there are no chances of rainfall so one irrigation is needed at 50-60 days old plants. To meet the deficiency of Sulphur apply 200 gram sulphur per acre. To control **white rust disease** in mustard, spray Copper oxychloride @ 3g per litre of water. **Painted bug** 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 propanil @ 1 ml per liter at 15 days interval for 2-3 times.

**Vegetables:**

**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.** Due to fluctuating temperature condition there may be an attack of **Diamond Back Moth** in Cabbage and cauliflower. To control this apply Spinosad 45SC @ 0.5ml/l. Present humid weather may cause Powdery mildew in cabbage, to control this spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre in 200 liter water. **Leaf eating caterpillar and fruit borer** may infest cabbage. Spray fipronil 5% SL 400ml or emamectin benzoate 5% SG 80gm or indoxacarb 14.5% SC 200ml mixing in 200lit. of water per acre crop.

• **Tomato:** Transplanted seedlings are at 6-8 week stage in main field. **Due to water stress, deficiency of boron or due to hormonal disbalance flower drop occurs.** Control: Apply timely and required amount of irrigation. Spray Boron 20% 2 gram/lit during early flowering and 15 days later. To manage **late blight** in tomato spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre at 10 days interval. Due to increase in temperature there may be chances of **bacterial canker and Sun burn** disease in tomato at fruiting stage. To control bacterial canker Farmers should spray Copper oxychloride 50% WP @ 3 g + Plantomycin @ 1 g/litre of water. They should use shade net to protect the crop from sun burn,

• **Potato:** 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 **cut worm** in potato crop spray Chlorpyrifos 50% + Cypermethrin 5 % E.C (Lethal-505/Super D) @ 400 ml/acre by mixing it in 200 litre of water.

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

• **Fruits: 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. Spray Alpha Naphthyl Acetic Acid 4.5% SL @ 4.5 ml in 10 litre of water when tender fruits are in pea size. With the help of ring method of irrigation apply 25 kg FYM, 500 gram of urea and 1 kg of potash and phosphate at each tree.

**Dr Sujata Sethy**  
**(Nodal officer)**



**Follow Meghdoot Mobile APP for Agromet advisories in local language and DAMINI APP for Lightening alert in your area**



**Debasish Jena**

**SMS (Agrometeorology)**

**Contact No-9861445080/7008453427**



**GRAMIN KRISHI MAUSAM SEWA**  
**INDIA METEOROLOGICAL DEPARTMENT**  
**DISTRICT AGROMET UNIT**  
**KRISHI VIGYAN KENDRA CUTTACK**  
**(A Unit of ICAR-National Rice Research Institute)**  
**Email: kvkcuttack@gmail.com**



**Bulletin No.-170**  
**Date- 23/02/2021**

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

The block received 0 mm and district received 0 mm rainfall during the last week. The mean daily maximum and minimum temperature was 33°C and 17°C, respectively. Mean relative humidity of the district was around 68-49%.

**Forecasted period: Today(8.30IST) to 28<sup>th</sup>February (8.30IST)2021**

**Weather advisory:** No rainfall/dry weather is forecasted for upcoming 5 days (Today (8.30IST) to Sunday (8.30 IST)) in the block. Maximum and minimum temperature will be likely to increase in upcoming 5 days. The day temperature will be 33-37°C and night temperature will be 17-20°C for upcoming 5 days. Maximum and minimum relative humidity will be 44-68% and 07-10% respectively. There will be mainly clear sky for next 5 days.

Block	Narasinghpur (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	24/02/2021	25/02/2021	26/02/2021	27/02/2021	28/02/2021
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	33	37	36	35	36
T-Min(°C)	17	18	20	19	19
Cloud Cover(/octa)	2	0	0	0	0
RH Max (%)	47	65	44	44	68
RH Min (%)	10	8	7	9	8
Wind Speed (Kmph)	5	5	8	8	5
Wind Direction (deg)	304	225	293	335	338

**Agromet Advisory**

**General advisory:** Farmers should undertake field preparation for cultivation of different summer vegetables like sponge gourd, bottle gourd, pumpkin, water melon, musk melon etc. If seedlings are already raised in polythene bags; transplant in main field @ 2-3 seedlings per pit. Irrigation should be continue as there was dry spell prevailed.

**Pulses:**

In green gram/black gram, chances of infestation of **leaf eating caterpillar and black headed caterpillar** likely to occur. To control them, spray mixture of 2ml profenofos 50%EC or 2 ml quinalphos 25%EC or 1 ml dichlorvos 76%EC per litre of water @200 litres per acre during afternoon. There may be chances of **leaf crinkle disease** infestation due to past foggy and cold conditions. To manage the insect vector of the disease like whitefly and aphid spray Thiamethoxam 25% W. G @ 40 gram/acre or Acetamiprid 20% S.P. @ 50 gram/acre or Imidacloprid 17.8% SL @ 60-ml acre by mixing in 200 litre of water in 15 days interval. There may be chances of infestation of **Anthraxnose and Cercopsora leaf spot** in Pulses. To manage these spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre in 200 ltr water.

**Rabi-Groundnut:** Farmers are advised to do intercultivation and apply Gypsum @200 kg/ acre in Groundnut before flowering stage. **For control of Bihary hairy caterpillar and spodotera** go for spraying of fipronil 5% SL 400ml (or) indoxacarb 14.5% SC 80gm or neem oil 1000ml @ 200 liter of water per acre. There may be chances of incidence of **tikka disease** in groundnut. To manage this disease spray Chlorothalonil 75% WP @ 400-gram/ acre or Mancozeb 75% WP @ 600- gram/acre or Hexaconazole 5% E.C @ 300-ml/acre in 200 liter of water.

**Mustard:** As there are no chances of rainfall so one irrigation is needed at 50-60 days old plants. To meet the deficiency of Sulphur apply 200 gram sulphur per acre. To control **white rust disease** in mustard, spray Copper oxychloride @ 3g per litre of water. **Painted bug** 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 propanil @ 1 ml per liter at 15 days interval for 2-3 times.

**Vegetables:**

**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.** Due to fluctuating temperature condition there may be an attack of **Diamond Back Moth** in Cabbage and cauliflower. To control this apply Spinosad 45SC @ 0.5ml/l. Present humid weather may cause Powdery mildew in cabbage, to control this spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre in 200 liter water. **Leaf eating caterpillar and fruit borer** may infest cabbage. Spray fipronil 5% SL 400ml or emamectin benzoate 5% SG 80gm or indoxacarb 14.5% SC 200ml mixing in 200lit. of water per acre crop.

• **Tomato:** Transplanted seedlings are at 6-8 week stage in main field. **Due to water stress, deficiency of boron or due to hormonal disbalance flower drop occurs.** Control: Apply timely and required amount of irrigation. Spray Boron 20% 2 gram/lit during early flowering and 15 days later. To manage **late blight** in tomato spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre at 10 days interval. Due to increase in temperature there may be chances of **bacterial canker and Sun burn** disease in tomato at fruiting stage. To control bacterial canker Farmers should spray Copper oxychloride 50% WP @ 3 g + Plantomycin @ 1 g/litre of water. They should use shade net to protect the crop from sun burn,

• **Potato:** 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 **cut worm** in potato crop spray Chlorpyrifos 50% + Cypermethrin 5 % E.C (Lethal-505/Super D) @ 400 ml/acre by mixing it in 200 litre of water.

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

• **Fruits: 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. Spray Alpha Naphthyl Acetic Acid 4.5% SL @ 4.5 ml in 10 litre of water when tender fruits are in pea size. With the help of ring method of irrigation apply 25 kg FYM, 500 gram of urea and 1 kg of potash and phosphate at each tree.

**Dr Sujata Sethy**  
**(Nodal officer)**



**Follow Meghdoot Mobile APP for Agromet advisories in local language and DAMINI APP for Lightening alert in your area**



**Debasish Jena**

**SMS (Agrometeorology)**

**Contact No-9861445080/7008453427**



**GRAMIN KRISHI MAUSAM SEWA**  
**INDIA METEOROLOGICAL DEPARTMENT**  
**DISTRICT AGROMET UNIT**  
**KRISHI VIGYAN KENDRA CUTTACK**  
**(A Unit of ICAR-National Rice Research Institute)**

Email: kvkcuttack@gmail.com



Bulletin No.-170  
Date- 23/02/2021

**AGROMET ADVISORY BULLETIN FOR NIALI**

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

The block received 0 mm and district received 0 mm rainfall during the last week. The mean daily maximum and minimum temperature was 33°C and 17°C, respectively. Mean relative humidity of the district was around 68-49%.

**Forecasted period: Today(8.30IST) to 28<sup>th</sup> February (8.30IST)2021**

**Weather advisory:** No rainfall/dry weather is forecasted for upcoming 5 days (Today (8.30IST) to Sunday (8.30 IST)) in the block. **Maximum and minimum temperature will be likely to increase in upcoming 5 days.** The day temperature will be 33-36°C and night temperature will be 20-22°C for upcoming 5 days. Maximum and minimum relative humidity will be 86-97% and 17-29% respectively. There will be mainly clear sky for next 5 days.

Block	Niali (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	24/02/2021	25/02/2021	26/02/2021	27/02/2021	28/02/2021
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	34	33	35	36	35
T-Min(°C)	20	20	20	20	22
Cloud Cover(octa)	2	1	1	0	1
RH Max (%)	88	86	90	93	97
RH Min (%)	18	25	22	17	29
Wind Speed(Kmph)	11	15	14	10	11
Wind Direction(deg)	212	207	225	205	203

**Agromet Advisory**

**General advisory:** Farmers should undertake field preparation for cultivation of different summer vegetables like sponge gourd, bottle gourd, pumpkin, water melon, musk melon etc. If seedlings are already raised in polythene bags; transplant in main field @ 2-3 seedlings per pit. Irrigation should be continue as there was dry spell prevailed.

**Pulses:**

In green gram/black gram, chances of infestation of **leaf eating caterpillar and black headed caterpillar** likely to occur. To control them, spray mixture of 2ml profenofos 50%EC or 2 ml quinalphos 25%EC or 1 ml dichlorvos 76%EC per litre of water @200 litres per acre during afternoon. There may be chances of **leaf crinkle disease** infestation due to past foggy and cold conditions. To manage the insect vector of the disease like whitefly and aphid spray Thiamethoxam 25% W. G @ 40 gram/acre or Acetamiprid 20% S.P. @ 50 gram/acre or Imidacloprid 17.8% SL @ 60-ml acre by mixing in 200 litre of water in 15 days interval. There may be chances of infestation of **Anthraxnose and Cercospora leaf spot** in Pulses. To manage these spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre in 200 ltr water.

**Rabi-Groundnut:** Farmers are advised to do intercultivation and apply Gypsum @200 kg/ acre in Groundnut before flowering stage. **For control of Bihary hairy caterpillar and spodoterago** for spraying of fipronil 5% SL 400ml (or) indoxacarb 14.5% SC 80gm or neem oil 1000ml @ 200 liter of water per acre. There may be chances of incidence of **tikka disease** in groundnut. To manage this disease spray Chlorothalonil 75% WP @ 400-gram/ acre or Mancozeb 75% WP @ 600- gram/acre or Hexaconazole 5% E.C @ 300-ml/acre in 200 liter of water.

**Mustard:** As there are no chances of rainfall so one irrigation is needed at 50-60 days old plants. To meet the deficiency of Sulfur apply 200 gram sulfur per acre. To control **white rust disease** in mustard, spray Copper oxychloride @ 3g per litre of water. **Painted bug** 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:**

**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.** Due to fluctuating temperature condition there may be an attack of **Diamond Back Moth** in Cabbage and cauliflower. To control this apply Spinosad 45SC @ 0.5ml/l. Present humid weather may cause Powdery mildew in cabbage, to control this spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre in 200 liter water. **Leaf eating caterpillar and fruit borer** may infest cabbage. Spray fipronil 5% SL 400ml or emamectinbenzoate 5% SG 80gm or indoxacarb 14.5% SC 200ml mixing in 200lit. of water per acre crop.

- Tomato:** Transplanted seedlings are at 6-8 week stage in main field. **Due to water stress, deficiency of boron or due to hormonal disbalance flower drop occurs.** Control: Apply timely and required amount of irrigation. Spray Boron 20% 2 gram/lit during early flowering and 15 days later. To manage **late blight** in tomato spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre at 10 days interval. Due to increase in temperature there may be chances of **bacterial canker and Sun burn** disease in tomato at fruiting stage. To control bacterial canker Farmers should spray Copper oxychloride 50% WP @ 3 g + Plantomycin @ 1 g/litre of water. They should use shade net to protect the crop from sun burn ,
- Potato:** 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 **cut worm** in potato crop spray Chlorpyrifos 50% + Cypermethrin 5 % E.C (Lethal-505/Super D) @ 400 ml/acre by mixing it in 200 litre of water.
- Onion:** Do inter culture and hand weeding may be carried out at 45-50 DAT and application of 30-kg of urea and 15-kg of MOP fertilizer should be done at this stage. Onion being a shallow rooted crop, **needs frequent light irrigation to maintain optimum soil moisture for proper growth and bulb development.** There are chances of **purple blotch and Stemphyllium blight** disease incidence in onion crop. To manage purple blotch and Stemphyllium leaf blight disease in onion spray Mancozeb 75% WP @ 600gram/acre or Difenconazole 25% E.C @ 200ml/acre or Tebuconazole 25.9% E.C @ 100ml/acre by mixing in 200 litre of water at 15 days interval.
- Fruits: 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. Spray Alpha Naphthyl Acetic Acid 4.5% SL @ 4.5 ml in 10 litre of water when tender fruits are in pea size. With the help of ring method of irrigation apply 25 kg FYM, 500 gram of urea and 1 kg of potash and phosphate at each tree.

Dr Sujata Sethy  
(Nodal officer)



Follow Meghdoot Mobile APP for Agromet  
advisories in local language and DAMINI  
APP for Lightening alert in your area



Debasish Jena

SMS (Agrometeorology)

Contact No-9861445080/7008453427





**GRAMIN KRISHI MAUSAM SEWA**  
**INDIA METEOROLOGICAL DEPARTMENT**  
**DISTRICT AGROMET UNIT**  
**KRISHI VIGYAN KENDRA CUTTACK**  
**(A Unit of ICAR-National Rice Research Institute)**



Email: kvkcuttack@gmail.com

Bulletin No.-170  
Date- 23/02/2021

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

The block received 0 mm and district received 0 mm rainfall during the last week. The mean daily maximum and minimum temperature was 33°C and 17°C, respectively. Mean relative humidity of the district was around 68-49%.

**Forecasted period: Today(8.30IST) to 28<sup>th</sup>February (8.30IST)2021**

**Weather advisory:** No rainfall/dry weather is forecasted for upcoming 5days (Today (8.30IST) to Sunday (8.30 IST)) in the block. Maximum and minimum temperature will be likely to increase in upcoming 5 days. The day temperature will be 34-37°C and night temperature will be 19-20°C for upcoming 5 days. Maximum and minimum relative humidity will be 85-96% and 09-16% respectively. There will be mainly clear sky for next 5days.

Block	Nischintakoili (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	24/02/2021	25/02/2021	26/02/2021	27/02/2021	28/02/2021
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	34	35	37	37	37
T-Min(°C)	19	19	19	19	20
Cloud Cover(octa)	2	0	0	0	0
RH Max (%)	85	86	89	92	96
RH Min (%)	14	16	9	9	13
Wind Speed (Kmph)	10	12	12	9	9
Wind Direction (deg)	240	214	225	210	207

**Agromet Advisory**

**General advisory:** Farmers should undertake field preparation for cultivation of different summer vegetables like sponge gourd, bottle gourd, pumpkin, water melon, musk melon etc. If seedlings are already raised in polythene bags; transplant in main field @ 2-3 seedlings per pit. Irrigation should be continue as there was dry spell prevailed.

**Pulses:**

In green gram/black gram, chances of infestation of leaf eating caterpillar and black headed caterpillar likely to occur. To control them, spray mixture of 2ml profenofos 50%EC or 2 ml quinalphos 25%EC or 1 ml dichlorvos 76%EC per litre of water @200 litres per acre during afternoon. There may be chances of leaf crinkle disease infestation due to past foggy and cold conditions. To manage the insect vector of the disease like whitefly and aphid spray Thiamethoxam 25% W. G @ 40 gram/acre or Acetamiprid 20% S.P. @ 50 gram/acre or Imidacloprid 17.8% SL @ 60-ml acre by mixing in 200 litre of water in 15 days interval. There may be chances of infestation of Anthracnose and Cercospora leaf spot in Pulses. To manage these spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre in 200 ltr water.

**Rabi-Groundnut:** Farmers are advised to do intercultivation and apply Gypsum @200 kg/ acre in Groundnut before flowering stage. For control of Bihary hairy caterpillar and spodoterago for spraying of fipronil 5% SL 400ml (or) indoxacarb 14.5% SC 80gm or neem oil 1000ml @ 200 liter of water per acre. There may be chances of incidence of tikka disease in groundnut. To manage this disease spray Chlorothalonil 75% WP @ 400-gram/ acre or Mancozeb 75% WP @ 600- gram/acre or Hexaconazole 5% E.C @ 300-ml/acre in 200 litre of water.

**Mustard:** As there are no chances of rainfall so one irrigation is needed at 50-60 days old plants. To meet the deficiency of Sulfur apply 200 gram sulfur per acre. To control white rust disease in mustard, spray Copper oxychloride @ 3g per litre of water. Painted bug 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:**

**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. Due to fluctuating temperature condition there may be an attack of Diamond Back Moth in Cabbage and cauliflower. To control this apply Spinosad 45SC @ 0.5ml/l. Present humid weather may cause Powdery mildew in cabbage, to control this spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre in 200 litre water. Leaf eating caterpillar and fruit borer may infest cabbage. Spray fipronil 5% SL 400ml or emamectinbenzoate 5% SG 80gm or indoxacarb 14.5% SC 200ml mixing in 200lit. of water per acre crop.

- Tomato:** Transplanted seedlings are at 6-8 week stage in main field. Due to water stress, deficiency of boron due to hormonal disbalance flower drop occurs. Control: Apply timely and required amount of irrigation. Spray Boron 20% 2 gram/lit during early flowering and 15 days later. To manage late blight in tomato spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre at 10 days interval. Due to increase in temperature there may be chances of bacterial canker and Sun burn disease in tomato at fruiting stage. To control bacterial canker Farmers should spray Copper oxychloride 50% WP @ 3 g + Plantomycin @ 1 g/litre of water. They should use shade net to protect the crop from sun burn ,
- Potato:** 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 cut worm in potato crop spray Chlorpyrifos 50% + Cypermethrin 5 % E.C (Lethal-505/Super D) @ 400 ml/acre by mixing it in 200 litre of water.
- Onion:** Do inter culture and hand weeding may be carried out at 45-50 DAT and application of 30-kg of urea and 15-kg of MOP fertilizer should be done at this stage. Onion being a shallow rooted crop, needs frequent light irrigation to maintain optimum soil moisture for proper growth and bulb development. There are chances of purple blotch and Stemphyllium blight disease incidence in onion crop. To manage purple blotch and Stemphyllium leaf blight disease in onion spray Mancozeb 75% WP @ 600gram/acre or Difenconazole 25% E.C @ 200ml/acre or Tebuconazole 25.9% E.C @ 100ml/acre by mixing in 200 litre of water at 15 days interval.
- Fruits:** **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. Spray Alpha Naphthyl Acetic Acid 4.5% SL @ 4.5 ml in 10 litre of water when tender fruits are in pea size. With the help of ring method of irrigation apply 25 kg FYM, 500 gram of urea and 1 kg of potash and phosphate at each tree.

Dr Sujata Sethy  
(Nodal officer)



Follow Meghdoot Mobile APP for Agromet  
advisories in local language and DAMINI  
APP for Lightening alert in your area



Debasish Jena

SMS (Agrometeorology)

Contact No-9861445080/7008453427



**GRAMIN KRISHI MAUSAM SEWA**  
**INDIA METEOROLOGICAL DEPARTMENT**  
**DISTRICT AGROMET UNIT**  
**KRISHI VIGYAN KENDRA CUTTACK**  
**(A Unit of ICAR-National Rice Research Institute)**

Email: kvkcuttack@gmail.com



**Bulletin No.-170**  
**Date- 23/02/2021**

**AGROMET ADVISORY BULLETIN FOR SALEPUR**

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

The block received 0 mm and district received 0 mm rainfall during the last week. The mean daily maximum and minimum temperature was 33°C and 17°C, respectively. Mean relative humidity of the district was around 68-49%.

**Forecasted period: Today(8.30IST) to 28<sup>th</sup>February (8.30IST)2021**

**Weatheradvisory:** No rainfall/dry weather is forecasted for upcoming 5days (Today (8.30IST) to Sunday (8.30 IST)) in the block. Maximum and minimum temperature will be likely to increase in upcoming 5 days. The day temperature will be 34-37°C and night temperature will be 19-20°C for upcoming 5 days. Maximum and minimum relative humidity will be 84-96% and 08-15% respectively. There will be mainly clear sky for next 5days.

Block	Salepur(VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	24/02/2021	25/02/2021	26/02/2021	27/02/2021	28/02/2021
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	34	35	37	37	37
T-Min(°C)	19	19	19	19	20
Cloud Cover(octa)	2	0	0	0	0
RH Max (%)	84	85	88	92	96
RH Min (%)	13	15	8	9	12
Wind Speed (Kmph)	9	12	12	9	9
Wind Direction (deg)	240	214	214	203	203

**Agromet Advisory**

**General advisory:** Farmers should undertake field preparation for cultivation of different summer vegetables like sponge gourd, bottle gourd, pumpkin, water melon, musk melon etc. If seedlings are already raised in polythene bags; transplant in main field @ 2-3 seedlings per pit. Irrigation should be continue as there was dry spell prevailed.

**Pulses:**

In green gram/black gram, chances of infestation of **leaf eating caterpillar and black headed caterpillar** likely to occur. To control them, spray mixture of 2ml profenofos 50%EC or 2 ml quinalphos 25%EC or 1 ml dichlorvos 76%EC per litre of water @200 litres per acre during afternoon. There may be chances of **leaf crinkle disease** infestation due to past foggy and cold conditions. To manage the insect vector of the disease like whitefly and aphid spray Thiamethoxam 25% W. G@ 40 gram/acre or Acetamiprid 20% S.P. @ 50 gram/acre or Imidacloprid 17.8% SL @ 60-ml acre by mixing in 200 litre of water in 15 days interval. There may be chances of infestation of **Anthraxnose and Cercopsera leaf spot** in Pulses. To manage these spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre in 200 ltr water.

**Rabi-Groundnut:** Farmers are advised to do intercultivation and apply Gypsum @200 kg/ acre in Groundnut before flowering stage. **For control of Bihary hairy caterpillar and spodoterago** for spraying of fipronil 5% SL 400ml (or) indoxacarb14.5% SC 80gm or neem oil 1000ml @ 200 liter of water per acre. There may be chances of incidence of **tikka disease** in groundnut. To manage this disease spray Chlorothalonil 75% WP @ 400-gram/ acre or Mancozeb 75% WP @ 600- gram/acre or Hexaconazole 5% E.C @ 300-ml/acre in 200 litre of water.

**Mustard:** As there are no chances of rainfall so one irrigation is needed at 50-60 days old plants. To meet the deficiency of Sulfur apply 200 gram sulfur per acre. To control **white rust disease** in mustard, spray Copper oxychloride @ 3g per litre of water. **Painted bug** 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:**

**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.** Due to fluctuating temperature condition there may be an attack of **Diamond Back Moth** in Cabbage and cauliflower. To control this apply Spinosad 45SC @ 0.5ml/l. Present humid weather may cause Powdery mildew in cabbage, to control this spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre in 200 litre water. **Leaf eating caterpillar and fruit borer** may infest cabbage. Spray fipronil 5% SL 400ml or emamectinbenzoate 5% SG 80gm or indoxacarb14.5% SC 200ml mixing in 200lit. of water per acre crop.

- Tomato:** Transplanted seedlings are at 6-8 week stage in main field. **Due to water stress, deficiency of boron due to hormonal disbalance flower drop occurs.** Control: Apply timely and required amount of irrigation. Spray Boron 20% 2 gram/lit during early flowering and 15 days later. To manage **late blight** in tomato spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre at 10 days interval. Due to increase in temperature there may be chances of **bacterial canker and Sun burn** disease in tomato at fruiting stage. To control bacterial canker Farmers should spray Copper oxychloride 50% WP @ 3 g + Plantomycin @ 1 g/litre of water. They should use shade net to protect the crop from sun burn ,
- Potato:** 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 **cut worm** in potato crop spray Chlorpyrifos 50% + Cypermethrin 5 % E.C (Lethal-505/Super D) @ 400 ml/acre by mixing it in 200 litre of water.
- Onion:** Do inter culture and hand weeding may be carried out at 45-50 DAT and application of 30-kg of urea and 15-kg of MOP fertilizer should be done at this stage. Onion being a shallow rooted crop, **needs frequent light irrigation to maintain optimum soil moisture for proper growth and bulb development.** There are chances of **purple blotch and Stemphyllium blight** disease incidence in onion crop. To manage purple blotch and Stemphyllium leaf blight disease in onion spray Mancozeb 75% WP @ 600gram/acre or Difenconazole 25% E.C @ 200ml/acre or Tebuconazole 25.9% E.C @ 100ml/acre by mixing in 200 litre of water at 15 days interval.
- Fruits: 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. Spray Alpha Naphthyl Acetic Acid 4.5% SL @ 4.5 ml in 10 litre of water when tender fruits are in pea size. With the help of ring method of irrigation apply 25 kg FYM, 500 gram of urea and 1 kg of potash and phosphate at each tree.

**Dr Sujata Sethy**  
**(Nodal officer)**



**Follow Meghdoot Mobile APP for Agromet advisories in local language and DAMINI APP for Lightening alert in your area**



**Debasish Jena**

**SMS (Agrometeorology)**

**Contact No-9861445080/7008453427**



**GRAMIN KRISHI MAUSAM SEWA**  
**INDIA METEOROLOGICAL DEPARTMENT**  
**DISTRICT AGROMET UNIT**  
**KRISHI VIGYAN KENDRA CUTTACK**  
**(A Unit of ICAR-National Rice Research Institute)**  
**Email: kvkcuttack@gmail.com**



**Bulletin No.-170**  
**Date- 23/02/2021**

**AGROMET ADVISORY BULLETIN FOR TANGI-CHOUDWAR**  
**District Past week weather condition and Block past Rainfall condition**

The block received 0 mm and district received 0 mm rainfall during the last week. The mean daily maximum and minimum temperature was 33°C and 17°C, respectively. Mean relative humidity of the district was around 68-49%.

**Forecasted period: Today (8.30IST) to 28<sup>th</sup> February (8.30IST) 2021**

**Weather advisory:** No rainfall/dry weather is forecasted for upcoming 5 days (Today (8.30IST) to Sunday (8.30 IST)) in the block. Maximum and minimum temperature will be likely to increase in upcoming 5 days. The day temperature will be 33-35°C and night temperature will be 19-20°C for upcoming 5 days. Maximum and minimum relative humidity will be 86-96% and 30-46% respectively. There will be mainly clear sky for next 5 days.

Block	Tangi-Choudwar (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	24/02/2021	25/02/2021	26/02/2021	27/02/2021	28/02/2021
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	33	33	35	35	35
T-Min(°C)	19	19	19	19	20
Cloud Cover(octa)	2	1	0	0	1
RH Max (%)	86	86	90	94	96
RH Min (%)	30	38	31	31	46
Wind Speed (Kmph)	14	18	18	13	14
Wind Direction (deg)	225	212	212	203	204

**Agromet Advisory**

**General advisory:** Farmers should undertake field preparation for cultivation of different summer vegetables like sponge gourd, bottle gourd, pumpkin, water melon, musk melon etc. If seedlings are already raised in polythene bags; transplant in main field @ 2-3 seedlings per pit. Irrigation should be continue as there was dry spell prevailed.

**Pulses:**

In green gram/black gram, chances of infestation of **leaf eating caterpillar and black headed caterpillar** likely to occur. To control them, spray mixture of 2ml profenofos 50%EC or 2 ml quinalphos 25%EC or 1 ml dichlorvos 76%EC per litre of water @200 litres per acre during afternoon. There may be chances of **leaf crinkle disease** infestation due to past foggy and cold conditions. To manage the insect vector of the disease like whitefly and aphid spray Thiamethoxam 25% W. G @ 40 gram/acre or Acetamiprid 20% S.P. @ 50 gram/acre or Imidacloprid 17.8% SL @ 60-ml acre by mixing in 200 litre of water in 15 days interval. There may be chances of infestation of **Anthraxnose and Cercopsera leaf spot** in Pulses. To manage these spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre in 200 ltr water.

**Rabi-Groundnut:** Farmers are advised to do intercultivation and apply Gypsum @200 kg/ acre in Groundnut before flowering stage. **For control of Bihary hairy caterpillar and spodoterago** for spraying of fipronil 5% SL 400ml (or) indoxacarb 14.5% SC 80gm or neem oil 1000ml @ 200 liter of water per acre. There may be chances of incidence of **tikka disease** in groundnut. To manage this disease spray Chlorothalonil 75% WP @ 400-gram/ acre or Mancozeb 75% WP @ 600- gram/acre or Hexaconazole 5% E.C @ 300-ml/acre in 200 litre of water.

**Mustard:** As there are no chances of rainfall so one irrigation is needed at 50-60 days old plants. To meet the deficiency of Sulfur apply 200 gram sulfur per acre. To control **white rust disease** in mustard, spray Copper oxychloride @ 3g per litre of water. **Painted bug** 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:**

**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.** Due to fluctuating temperature condition there may be an attack of **Diamond Back Moth** in Cabbage and cauliflower. To control this apply Spinosad 45SC @ 0.5ml/l. Present humid weather may cause Powdery mildew in cabbage, to control this spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre in 200 litre water. **Leaf eating caterpillar and fruit borer** may infest cabbage. Spray fipronil 5% SL 400ml or emamectinbenzoate 5% SG 80gm or indoxacarb 14.5% SC 200ml mixing in 200lit. of water per acre crop.

- Tomato:** Transplanted seedlings are at 6-8 week stage in main field. **Due to water stress, deficiency of boron or due to hormonal disbalance flower drop occurs.** Control: Apply timely and required amount of irrigation. Spray Boron 20% 2 gram/lit during early flowering and 15 days later. To manage **late blight** in tomato spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre at 10 days interval. Due to increase in temperature there may be chances of **bacterial canker and Sun burn** disease in tomato at fruiting stage. To control bacterial canker Farmers should spray Copper oxychloride 50% WP @ 3 g + Plantomycin @ 1 g/litre of water. They should use shade net to protect the crop from sun burn ,
- Potato:** 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 **cut worm** in potato crop spray Chlorpyrifos 50% + Cypermethrin 5 % E.C (Lethal-505/Super D) @ 400 ml/acre by mixing it in 200 litre of water.
- Onion:** Do inter culture and hand weeding may be carried out at 45-50 DAT and application of 30-kg of urea and 15-kg of MOP fertilizer should be done at this stage. Onion being a shallow rooted crop, **needs frequent light irrigation to maintain optimum soil moisture for proper growth and bulb development.** There are chances of **purple blotch and Stemphyllium blight** disease incidence in onion crop. To manage purple blotch and Stemphyllium leaf blight disease in onion spray Mancozeb 75% WP @ 600gram/acre or Difenoconazole 25% E.C @ 200ml/acre or Tebuconazole 25.9% E.C @ 100ml/acre by mixing in 200 litre of water at 15 days interval.
- Fruits: 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. Spray Alpha Naphthyl Acetic Acid 4.5% SL @ 4.5 ml in 10 litre of water when tender fruits are in pea size. With the help of ring method of irrigation apply 25 kg FYM, 500 gram of urea and 1 kg of potash and phosphate at each tree.

**Dr Sujata Sathy**  
**(Nodal officer)**



**Follow Meghdoot Mobile APP for Agromet advisories in local language and DAMINI APP for Lightening alert in your area**



**Debasish Jena**

**SMS (Agrometeorology)**

**Contact No-9861445080/7008453427**





**GRAMIN KRISHI MAUSAM SEWA**  
**INDIA METEOROLOGICAL DEPARTMENT**  
**DISTRICT AGROMET UNIT**  
**KRISHI VIGYAN KENDRA CUTTACK**  
**(A Unit of ICAR-National Rice Research Institute)**

Email: kvkcuttack@gmail.com



Bulletin No.-170  
Date- 23/02/2021

**AGROMET ADVISORY BULLETIN FOR TIGIRIA**

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

The block received 0 mm and district received 0 mm rainfall during the last week. The mean daily maximum and minimum temperature was 33°C and 17°C, respectively. Mean relative humidity of the district was around 68-49%.

**Forecasted period: Today(8.30IST) to 28<sup>th</sup>February (8.30IST)2021**

**Weather advisory:** No rainfall/dry weather is forecasted for upcoming 5days (Today (8.30IST) to Sunday (8.30 IST)) in the block. **Maximum and minimum temperature will be likely to increase in upcoming 5 days.** The day temperature will be 34-38°C and night temperature will be 18-20°C for upcoming 5 days. Maximum and minimum relative humidity will be 66-89% and 06-10% respectively. There will be mainly clear sky for next 5days.

Block	Tigiria (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	24/02/2021	25/02/2021	26/02/2021	27/02/2021	28/02/2021
Rainfall(mm)	0	0	0	0	0
00T-Max(°C)	34	36	37	38	38
T-Min(°C)	18	19	20	19	20
Cloud Cover(octa)	2	0	0	0	0
RH Max (%)	66	76	71	74	89
RH Min (%)	10	9	6	8	7
Wind Speed (Kmph)	7	7	9	9	6
Wind Direction (deg)	326	289	304	338	158

**Agromet Advisory**

**General advisory:** Farmers should undertake field preparation for cultivation of different summer vegetables like sponge gourd, bottle gourd, pumpkin, water melon, musk melon etc. If seedlings are already raised in polythene bags; transplant in main field @ 2-3 seedlings per pit. Irrigation should be continue as there was dry spell prevailed.

**Pulses:**

In green gram/black gram, chances of infestation of **leaf eating caterpillar and black headed caterpillar** likely to occur. To control them, spray mixture of 2ml profenofos 50%EC or 2 ml quinalphos 25%EC or 1 ml dichlorvos 76%EC per litre of water @200 litres per acre during afternoon. There may be chances of **leaf crinkle disease** infestation due to past foggy and cold conditions. To manage the insect vector of the disease like whitefly and aphid spray Thiamethoxam 25% W. G@ 40 gram/acre or Acetamiprid 20% S.P. @ 50 gram/acre or Imidacloprid 17.8% SL @ 60-ml acre by mixing in 200 litre of water in 15 days interval. There may be chances of infestation of **Anthraxnose and Cercopsera leaf spot** in Pulses. To manage these spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre in 200 ltr water.

**Rabi-Groundnut:** Farmers are advised to do intercultivation and apply Gypsum @200 kg/ acre in Groundnut before flowering stage. **For control of Bihary hairy caterpillar and spodoterago** for spraying of fipronil 5% SL 400ml (or) indoxacarb14.5% SC 80gm or neem oil 1000ml @ 200 liter of water per acre. There may be chances of incidence of **tikka disease** in groundnut. To manage this disease spray Chlorothalonil 75% WP @ 400-gram/ acre or Mancozeb 75% WP @ 600- gram/acre or Hexaconazole 5% E.C @ 300-ml/acre in 200 litre of water.

**Mustard:** As there are no chances of rainfall so one irrigation is needed at 50-60 days old plants. To meet the deficiency of Sulfur apply 200 gram sulfur per acre. To control **white rust disease** in mustard, spray Copper oxychloride @ 3g per litre of water. **Painted bug** 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:**

**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.** Due to fluctuating temperature condition there may be an attack of **Diamond Back Moth** in Cabbage and cauliflower. To control this apply Spinosad 45SC @ 0.5ml/l. Present humid weather may cause Powdery mildew in cabbage, to control this spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre in 200 litre water. **Leaf eating caterpillar and fruit borer** may infest cabbage. Spray fipronil 5% SL 400ml or emamectinbenzoate 5% SG 80gm or indoxacarb14.5% SC 200ml mixing in 200lit. of water per acre crop.

- Tomato:** Transplanted seedlings are at 6-8 week stage in main field. **Due to water stress, deficiency of boron due to hormonal disbalance flower drop occurs.** Control: Apply timely and required amount of irrigation. Spray Boron 20% 2 gram/lit during early flowering and 15 days later. To manage **late blight** in tomato spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre at 10 days interval. Due to increase in temperature there may be chances of **bacterial canker and Sun burn** disease in tomato at fruiting stage. To control bacterial canker Farmers should spray Copper oxychloride 50% WP @ 3 g + Plantomycin @ 1 g/litre of water. They should use shade net to protect the crop from sun burn ,
- Potato:** 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 **cut worm** in potato crop spray Chlorpyrifos 50% + Cypermethrin 5 % E.C (Lethal-505/Super D) @ 400 ml/acre by mixing it in 200 litre of water.
- Onion:** Do inter culture and hand weeding may be carried out at 45-50 DAT and application of 30-kg of urea and 15-kg of MOP fertilizer should be done at this stage. Onion being a shallow rooted crop, **needs frequent light irrigation to maintain optimum soil moisture for proper growth and bulb development.** There are chances of **purple blotch and Stemphyllium blight** disease incidence in onion crop. To manage purple blotch and Stemphyllium leaf blight disease in onion spray Mancozeb 75% WP @ 600gram/acre or Difenconazole 25% E.C @ 200ml/acre or Tebuconazole 25.9% E.C @ 100ml/acre by mixing in 200 litre of water at 15 days interval.
- Fruits: 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. Spray Alpha Naphthyl Acetic Acid 4.5% SL @ 4.5 ml in 10 litre of water when tender fruits are in pea size. With the help of ring method of irrigation apply 25 kg FYM, 500 gram of urea and 1 kg of potash and phosphate at each tree.

Dr Sujata Sethy  
(Nodal officer)



Follow Meghdoot Mobile APP for Agromet  
advisories in local language and DAMINI  
APP for Lightening alert in your area



Debasish Jena

SMS (Agrometeorology)

Contact No-9861445080/7008453427



**GRAMIN KRISHI MAUSAM SEWA**  
**INDIA METEOROLOGICAL DEPARTMENT**  
**DISTRICT AGROMET UNIT**  
**KRISHI VIGYAN KENDRA CUTTACK**  
(A Unit of ICAR-National Rice Research Institute)  
Email: kvkcuttack@gmail.com



Bulletin No.-170  
Date- 23/02/2021

			
MEGHDOOT APP	DAMINI APP	FACEBOOK (Damu Cuttack)	BLOCK SPECIFIC WHAT'S APP GROUPS

- 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.

Dr Sujata Sethy  
(Nodal officer)



**Follow Meghdoot Mobile APP for Agromet advisories in local language and DAMINI APP for Lightening alert in your area**



Debasish Jena  
SMS (Agrometeorology)  
Contact No-9861445080/7008453427