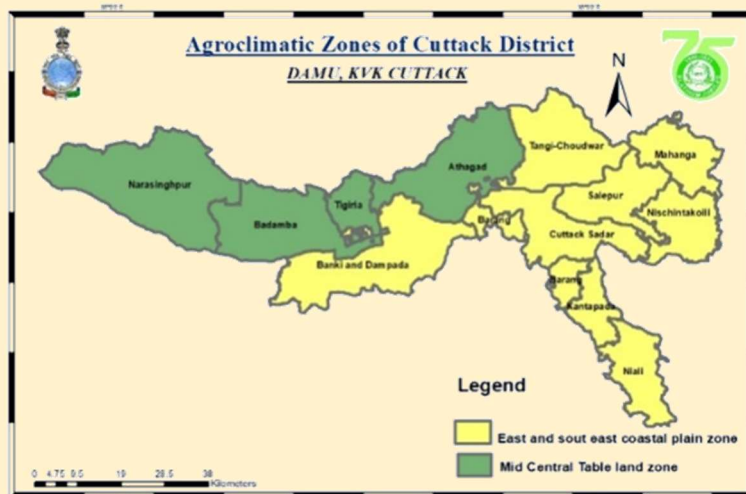




# Cuttack District Block Wise Agro-met Advisory Service Bulletin

*Friday, 24<sup>th</sup> February, 2023  
(For the period 24<sup>th</sup> to 28<sup>th</sup> February, 2023)*



*Issued by  
District Agromet Unit,  
KrishiVigyan Kendra Cuttack*



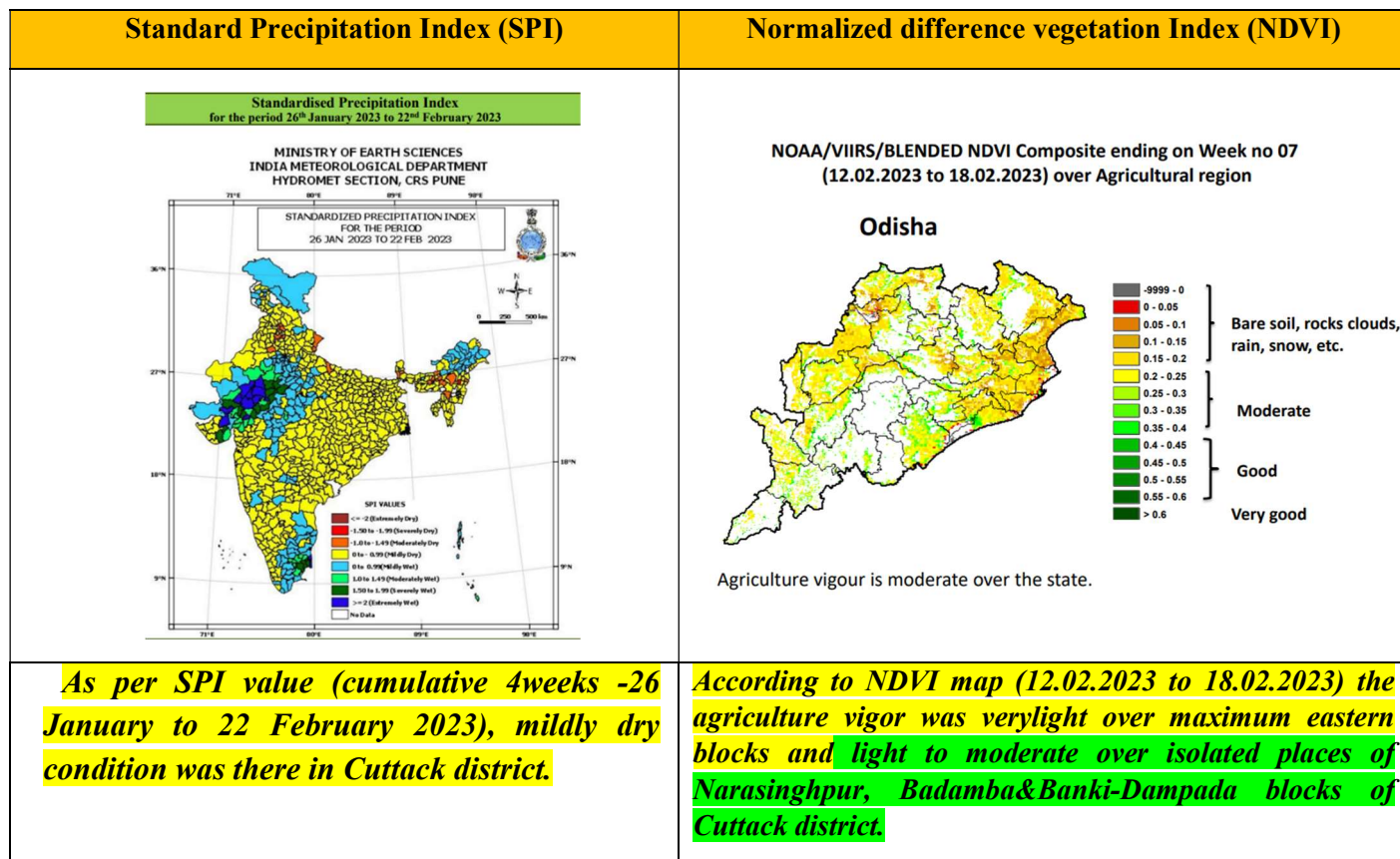


**GRAMIN KRISHI MAUSAM SEWA**  
**INDIA METEOROLOGICAL DEPARTMENT**  
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**KRISHI VIGYAN KENDRA CUTTACK**  
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**Bulletin No.-377**  
**Date- 24/02/2023**

**STANDARD PRECIPITATION INDEX AND NDVI MAP**



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

LEGEND (Past week temperature )		
Color code	Temperature	Departure
	Below Normal	< 2°C from normal
	Normal	-2°C to +2°C from normal
	Above Normal	>2°C from normal

**Dr Sujata Sethy**  
(Nodal officer)



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**Debasish Jena**  
**SMS (Agrometeorology)**  
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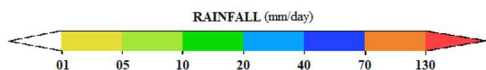
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Bulletin No.-377  
Date- 24/02/2023

## EXTENDED RANGE RAINFALL FORECAST FOR UPCOMING 2 WEEKS

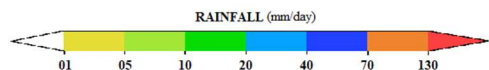
INDIA METEOROLOGICAL DEPARTMENT  
NUMERICAL WEATHER PREDICTION DIVISION, NEW DELHI  
STATE: ODISHA



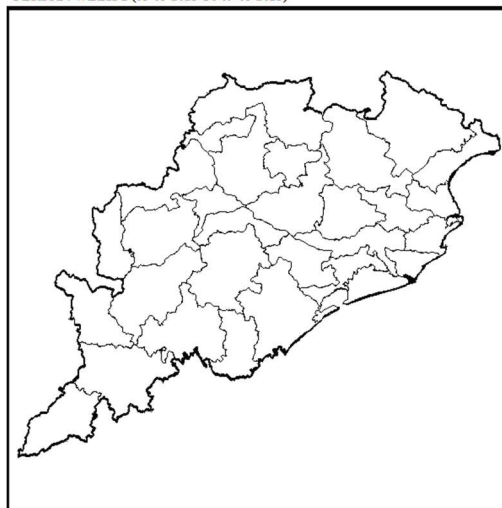
PERIOD: WEEK-1 (24-02-2023 To 02-03-2023)



INDIA METEOROLOGICAL DEPARTMENT  
NUMERICAL WEATHER PREDICTION DIVISION, NEW DELHI  
STATE: ODISHA



PERIOD: WEEK-2 (03-03-2023 To 09-03-2023)



As per extended range outlook there will be dry weather is forecasted in first and 2<sup>nd</sup> week for Odisha condition, So Farmers are advised to make their arrangement of irrigation of rabi crops like Pulses and groundnut, Mustard especially at flowering stage and they may go for sowing activity with utilization of rain water. To conserve soil moisture they are advised to cover the crop with mulching material (straw material) and should add rotted FYM in soil.

Dr Sujata Sethy  
(Nodal officer)



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**Bulletin No.-377**  
**Date- 24/02/2023**

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

Sl No	Crop	Stage and condition of the crop	Anticipated Disease and pest	
1	Pulses (Green gram and black gram)	Flowering to pod development		YMV
2	Mustard	Flowering to maturity		Saw Fly
				Leaf webber
3	Rabi Groundnut	Flowering to maturity		Spodotera/Tobacco caterpillar
				Red hairy caterpillar
4	Tomato	Flowering to Fruiting		Bacterial Canker
				Sun burn
				Flower drop
5	Mango	Flowering to fruiting		Mango fruit drop
6	Cashew	Flowering to fruiting		Tea mosquito bug

**Dr Sujata Sethy**  
 (Nodal officer)



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**Bulletin No.-377**  
**Date- 24/02/2023**

**AGROMET ADVISORY BULLETIN FOR ATHAGAD**

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

The block received average 00 mm and district received average 00 mm rainfall during the last week. The mean daily maximum and minimum temperature was 33.85°C (+1.33 from normal) and 21°C (+2.35 from normal), respectively. The mean relative humidity was 56-85%.

**Forecasted period: Today(8.30IST) to 29<sup>th</sup> February(8.30IST)2023**

**Weather advisory:** Dry weather is forecasted for upcoming 5 days in the block. The day temperature will be 35-36°C and night temperature will be 20-21°C for upcoming 5 days. Maximum and minimum relative humidity will be 89-95% and 10-17% respectively. There will be clear sky for next 5 days.

Block	Athagad (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	24/02/2023	25/02/2023	26/02/2023	27/02/2023	28/02/2023
Rainfall (mm)	0	0	0	0	0
T-Max (°C)	36	36	35	36	36
T-Min (°C)	21	21	21	20	21
Cloud Cover (octa)	0	0	0	1	0
RH Max (%)	95	93	91	90	89
RH Min (%)	10	16	15	16	17
Wind Speed (kmph)	8	9	8	11	11
Wind Direction (deg)	158	161	161	197	200

**Agromet Advisory**

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

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

**Pulses:**

November to December sown crop is at pod formation to seed development (nine to twelve week) stage. Flowering and pod development stage is sensitive to moisture stress; carry out irrigation as per the status of soil moisture. In case of YMV infestation uproots and destroys the infected plant and spray imidacloprid 50ml/acre mixing with 200 lit of water.

**Rabi-Groundnut:**

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

**Mustard:**

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

**Vegetables:**

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

**Potato:** The main crop is ready for harvest within 75-85 days of planting depending upon the soil type and variety sown in our climatic condition of Odisha. The crop is ready to harvest when majority of the leaves turn yellowish brown. Irrigation should be stopped 15 days before harvesting.

**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.

**Fruits:**

**Mango:** The present weather is appropriate for blossoming of flowers. Spray NAA @ 200 ppm per tree, with the help of ring method of irrigation apply 25 kg FYM, 500 gram of urea and 1 kg of potash and phosphate each.

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

**Mushroom:**

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

**Animal husbandry:**

As temperature is slightly increasing hence, it will impact physiological, metabolic behavior as well as egg production of poultry bird. Farmers should provide sufficient clean drinking water to birds and make proper shelter and feed management.

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



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**Bulletin No.-377**  
**Date- 24/02/2023**

**AGROMET ADVISORY BULLETIN FOR BADAMBA**

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

The block received average 00 mm and district received average 00 mm rainfall during the last week. The mean daily maximum and minimum temperature was 33.85°C (+1.33 from normal) and 21°C (+2.35 from normal), respectively. The mean relative humidity was 56-85%.

**Forecasted period: Today(8.30IST) to 29<sup>th</sup> February(8.30IST)2023**

**Weather advisory:** Dry weather is forecasted for upcoming 5 days in the block. The day temperature will be 36-37°C and night temperature will be 19-20°C for upcoming 5 days. Maximum and minimum relative humidity will be 82-93% and 08-15% respectively. There will be clear sky for next 5 days.

Block	Badamba (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	24/02/2023	25/02/2023	26/02/2023	27/02/2023	28/02/2023
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	37	37	36	37	37
T-Min(°C)	20	20	20	19	19
Cloud Cover(octa)	0	0	0	0	0
RH Max (%)	93	93	91	86	82
RH Min (%)	8	14	15	14	15
Wind Speed (Kmph)	7	8	8	11	10
Wind Direction (deg)	158	189	167	200	200

**Agromet Advisory**

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

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

**Pulses:**

November to December sown crop is at pod formation to seed development (nine to twelve week) stage. Flowering and pod development stage is sensitive to moisture stress; carry out irrigation as per the status of soil moisture. In case of YMV infestation uproots and destroys the infected plant and spray imidacloprid 50ml/acre mixing with 200 lit of water.

**Rabi-Groundnut:**

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

**Mustard:**

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

**Vegetables:**

**Tomato:** Transplanted seedlings are at 6-8 week stage in main field. Due to water stress, deficiency of boron or due to hormonal disbalance flower drop occurs. Control: Apply timely and required amount of irrigation. Spray Boron 20% 2 gram/lit during early flowering and 15 days later. Due to increase in temperature there may be chances of bacterial canker and Sun burn disease in tomato at fruiting stage. To control bacterial canker Darners 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:** The main crop is ready for harvest within 75-85 days of planting depending upon the soil type and variety sown in our climatic condition of Odisha. The crop is ready to harvest when majority of the leaves turn yellowish brown. Irrigation should be stopped 15 days before harvesting.

**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.

**Fruits:**

**Mango:** The present weather is appropriate for blossoming of flowers. Spray NAA @ 200 ppm per tree, with the help of ring method of irrigation apply 25 kg FYM, 500 gram of urea and 1 kg of potash and phosphate each.

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

**Mushroom:**

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

**Animal husbandry:**

As temperature is slightly increasing hence, it will impact physiological, metabolic behavior as well as egg production of poultry bird. Farmers should provide sufficient clean drinking water to birds and make proper shelter and feed management.

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



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**Bulletin No.-377**  
**Date- 24/02/2023**

**AGROMET ADVISORY BULLETIN FOR BANKI**

**District Past week average weather condition**

The block received average 00 mm and district received average 00 mm rainfall during the last week. The mean daily maximum and minimum temperature was 33.85°C (+1.33 from normal) and 21°C (+2.35 from normal), respectively. The mean relative humidity was 56-85%.

**Forecasted period: Today(8.30IST) to 29<sup>th</sup> February(8.30IST)2023**

**Weather advisory:** Dry weather is forecasted for upcoming 5 days in the block. The day temperature will be 36-38°C and night temperature will be 20-21°C for upcoming 5 days. Maximum and minimum relative humidity will be 86-93% and 10-18% respectively. There will be clear sky for next 5 days.

Block	Banki (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	24/02/2023	25/02/2023	26/02/2023	27/02/2023	28/02/2023
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	38	37	37	36	37
T-Min(°C)	21	20	21	20	20
Cloud Cover(octa)	0	0	0	0	0
RH Max (%)	93	92	91	89	86
RH Min (%)	10	18	15	15	18
Wind Speed (Kmph)	8	10	9	12	12
Wind Direction (deg)	158	171	193	200	200

**Agromet Advisory**

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

➤ **Foliar spray of 2%DAP +1% KCL (MOP) during critical stages of flowering and grain formation stage.**

➤ **Use of biofertilizer like Azotobacter, Azospirillum and phospho bacteria @10 packets (500g)/ha along with 25 kg of soil or FYM.**

➤ **To avoid flower and fruit drop spray planofix @ 1ml/4.5lit of water.**

➤ **Ridge and furrow irrigation should be practiced to conserve soil moisture in the main field.**

**Pulses:**

November to December sown crop is at pod formation to seed development (nine to twelve week) stage. Flowering and pod development stage is sensitive to moisture stress; carry out irrigation as per the status of soil moisture. In case of YMV infestation uproots and destroys the infected plant and spray imidacloprid 50ml/acre mixing with 200 lit of water.

**Rabi-Groundnut:**

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

**Mustard:**

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

**Vegetables:**

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

**Potato:** The main crop is ready for harvest within 75-85 days of planting depending upon the soil type and variety sown in our climatic condition of Odisha. The crop is ready to harvest when majority of the leaves turn yellowish brown. Irrigation should be stopped 15 days before harvesting.

**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.

**Fruits:**

**Mango:** The present weather is appropriate for blossoming of flowers. Spray NAA @ 200 ppm per tree, with the help of ring method of irrigation apply 25 kg FYM, 500 gram of urea and 1 kg of potash and phosphate each.

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

**Mushroom:**

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

**Animal husbandry:**

- As temperature is slightly increasing hence, it will impact physiological, metabolic behavior as well as egg production of poultry bird. Farmers should provide sufficient clean drinking water to birds and make proper shelter and feed management.

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



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**Bulletin No.-377**  
**Date- 24/02/2023**

**AGROMET ADVISORY BULLETIN FOR BANKI-DAMPADA**

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

The block received average 00 mm and district received average 00 mm rainfall during the last week. The mean daily maximum and minimum temperature was 33.85°C (+1.33 from normal) and 21°C (+2.35 from normal), respectively. The mean relative humidity was 56-85%.

**Forecasted period: Today(8.30IST) to 29<sup>th</sup> February(8.30IST)2023**

**Weather Advisory:** Dry weather is forecasted for upcoming 5 days in the block. The day temperature will be 36-38°C and night temperature will be 20-21°C for upcoming 5 days. Maximum and minimum relative humidity will be 87-93% and 10-18% respectively. There will be clear sky for next 5 days.

Block	Banki-Dampada (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	24/02/2023	25/02/2023	26/02/2023	27/02/2023	28/02/2023
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	38	37	37	36	37
T-Min(°C)	21	20	21	20	20
Cloud Cover(octa)	0	0	0	0	0
RH Max (%)	93	92	91	90	87
RH Min (%)	10	18	15	15	18
Wind Speed (Kmph)	8	10	9	12	12
Wind Direction (deg)	158	191	193	200	203

**Agromet Advisory**

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

➤ **Foliar spray of 2%DAP +1% KCL (MOP) during critical stages of flowering and grain formation stage.**

➤ **Use of biofertilizer like Azotobacter, Azospirillum and phospho bacteria @10 packets (500g)/ha along with 25 kg of soil or FYM.**

➤ **To avoid flower and fruit drop spray planofix @ 1ml/4.5lit of water.**

➤ **Ridge and furrow irrigation should be practiced to conserve soil moisture in the main field.**

**Pulses:**

November to December sown crop is at pod formation to seed development (nine to twelve week) stage. **Flowering and pod development stage is sensitive to moisture stress; carry out irrigation as per the status of soil moisture.** In case of **YMV infestation** uproots and destroys the infected plant and spray imidacloprid 50ml/acre mixing with 200 lit of water.

**Rabi-Groundnut:**

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

**Mustard:**

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

**Vegetables:**

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

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

**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.**

**Fruits:**

**Mango:** The present weather is appropriate for blossoming of flowers. Spray NAA @ 200 ppm per tree, **with the help of ring method of irrigation** apply 25 kg FYM, 500 gram of urea and 1 kg of potash and phosphate each.

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

**Mushroom:**

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

**Animal husbandry:**

- As temperature is slightly increasing hence, it will impact physiological, metabolic behavior as well as egg production of poultry bird. Farmers should provide sufficient clean drinking water to birds and make proper shelter and feed management.

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



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**Bulletin No.-377**  
**Date- 24/02/2023**

**AGROMET ADVISORY BULLETIN FOR BARANGA**

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

The block received average 00 mm and district received average 00 mm rainfall during the last week. The mean daily maximum and minimum temperature was 33.85°C (+1.33 from normal) and 21°C (+2.35 from normal), respectively. The mean relative humidity was 56-85%.

**Forecasted period: Today(8.30IST) to 29<sup>th</sup> February(8.30IST)2023**

**Weather advisory:** Dry weather is forecasted for upcoming 5 days in the block. The day temperature will be 34-36°C and night temperature will be 21-22°C for upcoming 5 days. Maximum and minimum relative humidity will be 90-95% and 15-22% respectively. There will be clear sky for next 5 days.

Block	Baranga (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	24/02/2023	25/02/2023	26/02/2023	27/02/2023	28/02/2023
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	36	35	35	35	34
T-Min(°C)	22	22	22	21	21
Cloud Cover	0	0	0	0	0
RH Max (%)	95	93	91	91	90
RH Min (%)	15	22	17	17	21
Wind Speed (Kmph)	11	11	9	12	13
Wind Direction (deg)	204	198	191	189	203

**Agromet Advisory**

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

➤ **Foliar spray of 2%DAP +1% KCL (MOP) during critical stages of flowering and grain formation stage.**

➤ **Use of biofertilizer like Azotobacter, Azospirillum and phospho bacteria @10 packets (500g)/ha along with 25 kg of soil or FYM.**

➤ **To avoid flower and fruit drop spray planofix @ 1ml/4.5lit of water.**

➤ **Ridge and furrow irrigation should be practiced to conserve soil moisture in the main field.**

**Pulses:**

November to December sown crop is at pod formation to seed development (nine to twelve week) stage. **Flowering and pod development stage is sensitive to moisture stress; carry out irrigation as per the status of soil moisture.** In case of **YMV infestation** uproots and destroys the infected plant and spray imidacloprid 50ml/acre mixing with 200 lit of water.

**Rabi-Groundnut:**

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

**Mustard:**

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

**Vegetables:**

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

**Potato:** The main crop is ready for harvest within 75-85 days of planting depending upon the soil type and variety sown in our climatic condition of Odisha. The crop is ready to harvest when majority of the leaves turn yellowish brown. Irrigation should be stopped 15 days before harvesting.

**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.**

**Fruits:**

**Mango:** The present weather is appropriate for blossoming of flowers. Spray NAA @ 200 ppm per tree, **with the help of ring method of irrigation** apply 25 kg FYM, 500 gram of urea and 1 kg of potash and phosphate each.

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

**Mushroom:**

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

**Animal husbandry:**

As temperature is slightly increasing hence, it will impact physiological, metabolic behavior as well as egg production of poultry bird. Farmers should provide sufficient clean drinking water to birds and make proper shelter and feed management.

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



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**Bulletin No.-377**  
**Date- 24/02/2023**

**AGROMET ADVISORY BULLETIN FOR CUTTACK SADAR**

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

The block received average 00 mm and district received average 00 mm rainfall during the last week. The mean daily maximum and minimum temperature was 33.85°C (+1.33 from normal) and 21°C (+2.35 from normal), respectively. The mean relative humidity was 56-85%.

**Forecasted period: Today(8.30IST) to 29<sup>th</sup> February(8.30IST)2023**

**Weather advisory:** Dry weather is forecasted for upcoming 5 days in the block. The day temperature will be 35-37°C and night temperature will be 21-22°C for upcoming 5 days. Maximum and minimum relative humidity will be 91-95% and 12-20% respectively. There will be clear sky for next 5 days.

Block	Cuttack sadar (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	24/02/2023	25/02/2023	26/02/2023	27/02/2023	28/02/2023
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	37	36	35	35	35
T-Min(°C)	22	22	22	21	22
Cloud Cover(octa)	0	0	0	1	0
RH Max (%)	95	93	91	91	91
RH Min (%)	12	19	17	17	20
Wind Speed (Kmph)	9	10	8	11	12
Wind Direction (deg)	203	198	189	189	203

**Agromet Advisory**

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

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

**Pulses:**

November to December sown crop is at pod formation to seed development (nine to twelve week) stage. Flowering and pod development stage is sensitive to moisture stress; carry out irrigation as per the status of soil moisture. In case of YMV infestation uproots and destroys the infected plant and spray imidacloprid 50ml/acre mixing with 200 lit of water.

**Rabi-Groundnut:**

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

**Mustard:**

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

**Vegetables:**

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

**Potato:** The main crop is ready for harvest within 75-85 days of planting depending upon the soil type and variety sown in our climatic condition of Odisha. The crop is ready to harvest when majority of the leaves turn yellowish brown. Irrigation should be stopped 15 days before harvesting.

**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.

**Fruits:**

**Mango:** The present weather is appropriate for blossoming of flowers. Spray NAA @ 200 ppm per tree, with the help of ring method of irrigation apply 25 kg FYM, 500 gram of urea and 1 kg of potash and phosphate each.

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

**Mushroom:**

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

**Animal husbandry:**

- As temperature is slightly increasing hence, it will impact physiological, metabolic behavior as well as egg production of poultry bird. Farmers should provide sufficient clean drinking water to birds and make proper shelter and feed management.

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



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**Bulletin No.-377**  
**Date- 24/02/2023**

**AGROMET ADVISORY BULLETIN FOR KANTAPADA**

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

The block received average 00 mm and district received average 00 mm rainfall during the last week. The mean daily maximum and minimum temperature was 33.85°C (+1.33 from normal) and 21°C (+2.35 from normal), respectively. The mean relative humidity was 56-85%.

**Forecasted period: Today(8.30IST) to 29<sup>th</sup> February(8.30IST)2023**

**Weather advisory:** Dry weather is forecasted for upcoming 5 days in the block. The day temperature will be 33-35°C and night temperature will be 22°C for upcoming 5 days. Maximum and minimum relative humidity will be 90-94% and 18-27% respectively. There will be clear sky for next 5 days.

Block	Kantapada (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	24/02/2023	25/02/2023	26/02/2023	27/02/2023	28/02/2023
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	35	35	35	35	33
T-Min(°C)	22	22	22	22	22
Cloud Cover(octa)	0	0	0	0	0
RH Max (%)	94	92	90	91	90
RH Min (%)	22	27	20	18	23
Wind Speed (Kmph)	13	12	10	12	13
Wind Direction (deg)	204	201	169	191	203

**Agromet Advisory**

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

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

**Pulses:**

November to December sown crop is at pod formation to seed development (nine to twelve week) stage. Flowering and pod development stage is sensitive to moisture stress; carry out irrigation as per the status of soil moisture. In case of YMV infestation uproots and destroys the infected plant and spray imidacloprid 50ml/acre mixing with 200 lit of water.

**Rabi-Groundnut:**

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

**Mustard:**

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

**Vegetables:**

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

**Potato:** The main crop is ready for harvest within 75-85 days of planting depending upon the soil type and variety sown in our climatic condition of Odisha. The crop is ready to harvest when majority of the leaves turn yellowish brown. Irrigation should be stopped 15 days before harvesting.

**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.

**Fruits:**

**Mango:** The present weather is appropriate for blossoming of flowers. Spray NAA @ 200 ppm per tree, with the help of ring method of irrigation apply 25 kg FYM, 500 gram of urea and 1 kg of potash and phosphate each.

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

**Mushroom:**

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

**Animal husbandry:**

- As temperature is slightly increasing hence, it will impact physiological, metabolic behavior as well as egg production of poultry bird. Farmers should provide sufficient clean drinking water to birds and make proper shelter and feed management.

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**(Nodal officer)**



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**Bulletin No.-377**  
**Date- 24/02/2023**

**AGROMET ADVISORY BULLETIN FOR MAHANGA**

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

The block received average 00 mm and district received average 00 mm rainfall during the last week. The mean daily maximum and minimum temperature was 33.85°C (+1.33 from normal) and 21°C (+2.35 from normal), respectively. The mean relative humidity was 56-85%.

**Forecasted period: Today(8.30IST) to 29<sup>th</sup> February(8.30IST)2023**

**Weather advisory:** Dry weather is forecasted for upcoming 5 days in the block. The day temperature will be and it will be 34-36°C and night temperature will be 21-22°C for upcoming 5 days. Maximum and minimum relative humidity will be 90-95% and 16-24% respectively.

There will be clear sky for next 5 days.

Block	Mahanga (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	24/02/2023	25/02/2023	26/02/2023	27/02/2023	28/02/2023
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	36	35	35	34	34
T-Min(°C)	22	21	21	21	21
Cloud Cover(octal)	0	0	0	1	0
RH Max (%)	95	93	90	90	91
RH Min (%)	16	23	21	20	24
Wind Speed (Kmph)	10	11	9	11	12
Wind Direction (deg)	203	203	162	180	207

**Agromet Advisory**

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

➤ Foliar spray of 2%DAP +1% KCL (MOP) during critical stages of flowering and grain formation stage.

➤ Use of biofertilizer like Azotobacter, Azospirillum and phospho bacteria @10 packets (500g)/ha along with 25 kg of soil or FYM.

➤ To avoid flower and fruit drop spray planofix @ 1ml/4.5lit of water.

➤ Ridge and furrow irrigation should be practiced to conserve soil moisture in the main field.

**Pulses:**

November to December sown crop is at pod formation to seed development (nine to twelve week) stage. Flowering and pod development stage is sensitive to moisture stress; carry out irrigation as per the status of soil moisture. In case of YMV infestation uproots and destroys the infected plant and spray imidacloprid 50ml/acre mixing with 200 lit of water.

**Rabi-Groundnut:**

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

**Mustard:**

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

**Vegetables:**

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

**Potato:** The main crop is ready for harvest within 75-85 days of planting depending upon the soil type and variety sown in our climatic condition of Odisha. The crop is ready to harvest when majority of the leaves turn yellowish brown. Irrigation should be stopped 15 days before harvesting.

**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.

**Fruits:**

**Mango:** The present weather is appropriate for blossoming of flowers. Spray NAA @ 200 ppm per tree, with the help of ring method of irrigation apply 25 kg FYM, 500 gram of urea and 1 kg of potash and phosphate each.

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

**Mushroom:**

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

**Animal husbandry:**

- As temperature is slightly increasing hence, it will impact physiological, metabolic behavior as well as egg production of poultry bird. Farmers should provide sufficient clean drinking water to birds and make proper shelter and feed management.

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



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**Bulletin No.-377**  
**Date- 24/02/2023**

**AGROMET ADVISORY BULLETIN FOR NARASINGHPUR**

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

The block received average 00 mm and district received average 00 mm rainfall during the last week. The mean daily maximum and minimum temperature was 33.85°C (+1.33 from normal) and 21°C (+2.35 from normal), respectively. The mean relative humidity was 56-85%.

**Forecasted period: Today(8.30IST) to 29<sup>th</sup> February(8.30IST)2023**

**Weather advisory:** Dry weather is forecasted for upcoming 5 days in the block. The day temperature will be 36-37°C and night temperature will be 17-18°C for upcoming 5 days. Maximum and minimum relative humidity will be 79-95% and 07-14% respectively. There will be clear sky for next 5 days.

Block	Narasinghpur (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	24/02/2023	25/02/2023	26/02/2023	27/02/2023	28/02/2023
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	37	37	36	37	37
T-Min(°C)	18	18	18	17	18
Cloud Cover(octa)	0	0	0	0	0
RH Max (%)	94	95	92	79	79
RH Min (%)	7	11	14	13	12
Wind Speed (Kmph)	4	5	5	8	7
Wind Direction (deg)	180	191	180	200	189

**Agromet Advisory**

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

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

**Pulses:**

November to December sown crop is at pod formation to seed development (nine to twelve week) stage. Flowering and pod development stage is sensitive to moisture stress; carry out irrigation as per the status of soil moisture. In case of YMV infestation uproots and destroys the infected plant and spray imidacloprid 50ml/acre mixing with 200 lit of water.

**Rabi-Groundnut:**

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

**Mustard:**

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

**Vegetables:**

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

**Potato:** The main crop is ready for harvest within 75-85 days of planting depending upon the soil type and variety sown in our climatic condition of Odisha. The crop is ready to harvest when majority of the leaves turn yellowish brown. Irrigation should be stopped 15 days before harvesting.

**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.

**Fruits:**

**Mango:** The present weather is appropriate for blossoming of flowers. Spray NAA @ 200 ppm per tree, with the help of ring method of irrigation apply 25 kg FYM, 500 gram of urea and 1 kg of potash and phosphate each.

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

**Mushroom:**

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

**Animal husbandry:**

- As temperature is slightly increasing hence, it will impact physiological, metabolic behavior as well as egg production of poultry bird. Farmers should provide sufficient clean drinking water to birds and make proper shelter and feed management.

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



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**DISTRICT AGROMET UNIT**  
**KRISHI VIGYAN KENDRA CUTTACK**  
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**Bulletin No.-377**  
**Date- 24/02/2023**

**AGROMET ADVISORY BULLETIN FOR NIALI**

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

The block received average 00 mm and district received average 00 mm rainfall during the last week. The mean daily maximum and minimum temperature was 33.85°C (+1.33 from normal) and 21°C (+2.35 from normal), respectively. The mean relative humidity was 56-85%.

**Forecasted period: Today(8.30IST) to 29<sup>th</sup> February(8.30IST)2023**

**Weather advisory:** Dry weather is forecasted for upcoming 5 days in the block. The day temperature will be 34-35°C and night temperature will be 22°C for upcoming 5 days. Maximum and minimum relative humidity will be 89-93% and 20-33% respectively. There will be clear sky for next 5 days.

Block	Niali (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	24/02/2023	25/02/2023	26/02/2023	27/02/2023	28/02/2023
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	35	34	35	35	34
T-Min(°C)	22	22	22	22	22
Cloud Cover(octa)	0	0	0	0	0
RH Max (%)	93	91	89	89	89
RH Min (%)	30	33	25	20	25
Wind Speed(Kmph)	14	13	11	12	13
Wind Direction(deg)	203	201	169	191	203

**Agromet Advisory**

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

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

**Pulses:**

November to December sown crop is at pod formation to seed development (nine to twelve week) stage. Flowering and pod development stage is sensitive to moisture stress; carry out irrigation as per the status of soil moisture. In case of YMV infestation uproots and destroys the infected plant and spray imidacloprid 50ml/acre mixing with 200 lit of water.

**Rabi-Groundnut:**

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

**Mustard:**

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

**Vegetables:**

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

**Potato:** The main crop is ready for harvest within 75-85 days of planting depending upon the soil type and variety sown in our climatic condition of Odisha. The crop is ready to harvest when majority of the leaves turn yellowish brown. Irrigation should be stopped 15 days before harvesting.

**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.

**Fruits:**

**Mango:** The present weather is appropriate for blossoming of flowers. Spray NAA @ 200 ppm per tree, with the help of ring method of irrigation apply 25 kg FYM, 500 gram of urea and 1 kg of potash and phosphate each.

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

**Mushroom:**

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

**Animal husbandry:**

- As temperature is slightly increasing hence, it will impact physiological, metabolic behavior as well as egg production of poultry bird. Farmers should provide sufficient clean drinking water to birds and make proper shelter and feed management.

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



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**Bulletin No.-377**  
**Date- 24/02/2023**

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

The block received average 00 mm and district received average 00 mm rainfall during the last week. The mean daily maximum and minimum temperature was 33.85°C (+1.33 from normal) and 21°C (+2.35 from normal), respectively. The mean relative humidity was 56-85%.

**Forecasted period: Today(8.30IST) to 29<sup>th</sup> February(8.30IST)2023**

**Weather advisory:** Dry weather is forecasted for upcoming 5 days in the block. The day temperature will be 34-36°C and night temperature will be 21-22°C for upcoming 5 days. Maximum and minimum relative humidity will be 91-95% and 18-25% respectively. There will be clear sky for next 5 days.

Block	Nischintakoili (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	24/02/2023	25/02/2023	26/02/2023	27/02/2023	28/02/2023
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	36	35	35	35	34
T-Min(°C)	22	21	22	21	21
Cloud Cover(octa)	0	0	0	0	0
RH Max (%)	95	93	91	91	92
RH Min (%)	18	24	21	20	25
Wind Speed (Kmph)	11	11	9	11	12
Wind Direction (deg)	203	203	162	180	207

**Agromet Advisory**

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

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

**Pulses:**

November to December sown crop is at pod formation to seed development (nine to twelve week) stage. Flowering and pod development stage is sensitive to moisture stress; carry out irrigation as per the status of soil moisture. In case of YMV infestation uproots and destroys the infected plant and spray imidacloprid 50ml/acre mixing with 200 lit of water.

**Rabi-Groundnut:**

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

**Mustard:**

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

**Vegetables:**

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

**Potato:** The main crop is ready for harvest within 75-85 days of planting depending upon the soil type and variety sown in our climatic condition of Odisha. The crop is ready to harvest when majority of the leaves turn yellowish brown. Irrigation should be stopped 15 days before harvesting.

**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.

**Fruits:**

**Mango:** The present weather is appropriate for blossoming of flowers. Spray NAA @ 200 ppm per tree, with the help of ring method of irrigation apply 25 kg FYM, 500 gram of urea and 1 kg of potash and phosphate each.

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

**Mushroom:**

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

**Animal husbandry:**

- As temperature is slightly increasing hence, it will impact physiological, metabolic behavior as well as egg production of poultry bird. Farmers should provide sufficient clean drinking water to birds and make proper shelter and feed management.

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



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**Bulletin No.-377**  
**Date- 24/02/2023**

**AGROMET ADVISORY BULLETIN FOR SALEPUR**

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

The block received average 00 mm and district received average 00 mm rainfall during the last week. The mean daily maximum and minimum temperature was 33.85°C (+1.33 from normal) and 21°C (+2.35 from normal), respectively. The mean relative humidity was 56-85%.

**Forecasted period: Today(8.30IST) to 29<sup>th</sup> February(8.30IST)2023**

**Weather advisory:** Dry weather is forecasted for upcoming 5 days in the block. The day temperature will be 34-36°C and night temperature will be 21-22°C for upcoming 5 days. Maximum and minimum relative humidity will be 91-95% and 17-24% respectively. There will be clear sky for next 5 days.

Block	Salepur (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	24/02/2023	25/02/2023	26/02/2023	27/02/2023	28/02/2023
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	36	35	35	34	34
T-Min(°C)	22	22	22	21	22
Cloud Cover(octa)	0	0	0	1	0
RH Max (%)	95	93	91	91	91
RH Min (%)	17	23	20	20	24
Wind Speed (Kmph)	11	11	9	11	12
Wind Direction (deg)	203	203	162	180	203

**Agromet Advisory**

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

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

**Pulses:**

November to December sown crop is at pod formation to seed development (nine to twelve week) stage. Flowering and pod development stage is sensitive to moisture stress; carry out irrigation as per the status of soil moisture. In case of YMV infestation uproots and destroys the infected plant and spray imidacloprid 50ml/acre mixing with 200 lit of water.

**Rabi-Groundnut:**

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

**Mustard:**

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

**Vegetables:**

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

**Potato:** The main crop is ready for harvest within 75-85 days of planting depending upon the soil type and variety sown in our climatic condition of Odisha. The crop is ready to harvest when majority of the leaves turn yellowish brown. Irrigation should be stopped 15 days before harvesting.

**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.

**Fruits:**

**Mango:** The present weather is appropriate for blossoming of flowers. Spray NAA @ 200 ppm per tree, with the help of ring method of irrigation apply 25 kg FYM, 500 gram of urea and 1 kg of potash and phosphate each.

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

**Mushroom:**

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

**Animal husbandry:**

- As temperature is slightly increasing hence, it will impact physiological, metabolic behavior as well as egg production of poultry bird. Farmers should provide sufficient clean drinking water to birds and make proper shelter and feed management.

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



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**Bulletin No.-377**  
**Date- 24/02/2023**

**AGROMET ADVISORY BULLETIN FOR TANGI-CHOUDWAR**

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

The block received average 00 mm and district received average 00 mm rainfall during the last week. The mean daily maximum and minimum temperature was 33.85°C (+1.33 from normal) and 21°C (+2.35 from normal), respectively. The mean relative humidity was 56-85%.

**Forecasted period: Today(8.30IST) to 29<sup>th</sup> February(8.30IST)2023**

**Weather advisory:** Dry weather is forecasted for upcoming 5 days in the block. The day temperature will be 35-37°C and night temperature will be 23-24°C for upcoming 5 days. Maximum and minimum relative humidity will be 84-88% and 32-43% respectively. There will be clear sky for next 5 days.

Block	Tangi-Choudwar (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	24/02/2023	25/02/2023	26/02/2023	27/02/2023	28/02/2023
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	37	36	35	35	35
T-Min(°C)	24	23	23	23	23
Cloud Cover(octa)	0	0	0	0	0
RH Max (%)	88	86	84	85	85
RH Min (%)	42	43	38	32	35
Wind Speed (Kmph)	17	14	12	13	14
Wind Direction (deg)	203	203	161	191	214

**Agromet Advisory**

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

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

**Pulses:**

November to December sown crop is at pod formation to seed development (nine to twelve week) stage. Flowering and pod development stage is sensitive to moisture stress; carry out irrigation as per the status of soil moisture. In case of YMV infestation uproots and destroys the infected plant and spray imidacloprid 50ml/acre mixing with 200 lit of water.

**Rabi-Groundnut:**

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

**Mustard:**

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

**Vegetables:**

**Tomato:** Transplanted seedlings are at 6-8 week stage in main field. Due to water stress, deficiency of boron or due to hormonal disbalance flower drop occurs. Control: Apply timely and required amount of irrigation. Spray Boron 20% 2 gram/lit during early flowering and 15 days later. Due to increase in temperature there may be chances of bacterial canker and Sun burn disease in tomato at fruiting stage. To control bacterial canker Darners 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:** The main crop is ready for harvest within 75-85 days of planting depending upon the soil type and variety sown in our climatic condition of Odisha. The crop is ready to harvest when majority of the leaves turn yellowish brown. Irrigation should be stopped 15 days before harvesting.

**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.

**Fruits:**

**Mango:** The present weather is appropriate for blossoming of flowers. Spray NAA @ 200 ppm per tree, with the help of ring method of irrigation apply 25 kg FYM, 500 gram of urea and 1 kg of potash and phosphate each.

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

**Mushroom:**

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

**Animal husbandry:**

- As temperature is slightly increasing hence, it will impact physiological, metabolic behavior as well as egg production of poultry bird. Farmers should provide sufficient clean drinking water to birds and make proper shelter and feed management.

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



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**Bulletin No.-377**  
**Date- 24/02/2023**

**AGROMET ADVISORY BULLETIN FOR TIGIRIA**

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

The block received average 00 mm and district received average 00 mm rainfall during the last week. The mean daily maximum and minimum temperature was 33.85°C (+1.33 from normal) and 21°C (+2.35 from normal), respectively. The mean relative humidity was 56-85%.

**Forecasted period: Today(8.30IST) to 29<sup>th</sup> February(8.30IST)2023**

**Weather advisory:** Dry weather is forecasted for upcoming 5 days in the block. The day temperature will be 35-36°C and night temperature will be 20-21°C for upcoming 5 days. Maximum and minimum relative humidity will be 86-94% and 09-16% respectively. There will be clear sky for next 5 days.

Block	Tigiria (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	24/02/2023	25/02/2023	26/02/2023	27/02/2023	28/02/2023
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	36	36	35	36	36
T-Min(°C)	21	20	21	20	20
Cloud Cover(octa)	0	0	0	0	0
RH Max (%)	94	93	92	89	86
RH Min (%)	9	15	15	15	16
Wind Speed (Kmph)	7	8	8	11	11
Wind Direction (deg)	158	162	169	200	197

**Agro met Advisory**

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

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

**Pulses:**

November to December sown crop is at pod formation to seed development (nine to twelve week) stage. Flowering and pod development stage is sensitive to moisture stress; carry out irrigation as per the status of soil moisture. In case of YMV infestation uproots and destroys the infected plant and spray imidacloprid 50ml/acre mixing with 200 lit of water.

**Rabi-Groundnut:**

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

**Mustard:**

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

**Vegetables:**

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

**Potato:** The main crop is ready for harvest within 75-85 days of planting depending upon the soil type and variety sown in our climatic condition of Odisha. The crop is ready to harvest when majority of the leaves turn yellowish brown. Irrigation should be stopped 15 days before harvesting.

**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.

**Fruits:**

**Mango:** The present weather is appropriate for blossoming of flowers. Spray NAA @ 200 ppm per tree, with the help of ring method of irrigation apply 25 kg FYM, 500 gram of urea and 1 kg of potash and phosphate each.

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

**Mushroom:**

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

**Animal husbandry:**

- As temperature is slightly increasing hence, it will impact physiological, metabolic behavior as well as egg production of poultry bird. Farmers should provide sufficient clean drinking water to birds and make proper shelter and feed management.

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



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**Bulletin No.-377**  
**Date- 24/02/2023**

				
<b>MEGHDOOT APP</b>	<b>DAMINI APP</b>	<b>FACEBOOK (Damu Cuttack)</b>	<b>BLOCK SPECIFIC WHAT'S APP GROUPS</b>	<b>@DAMUCUTTACK</b>

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

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

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



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



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