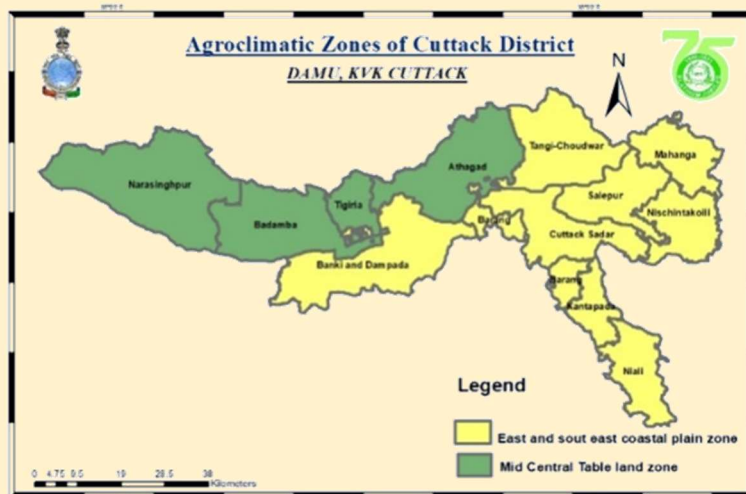




# Cuttack District Block Wise Agro-met Advisory Service Bulletin

*Friday, 03<sup>rd</sup> March, 2023  
(For the period 03<sup>rd</sup> to 07<sup>th</sup> March, 2023)*



*Issued by  
District Agromet Unit,  
KrishiVigyan Kendra Cuttack*



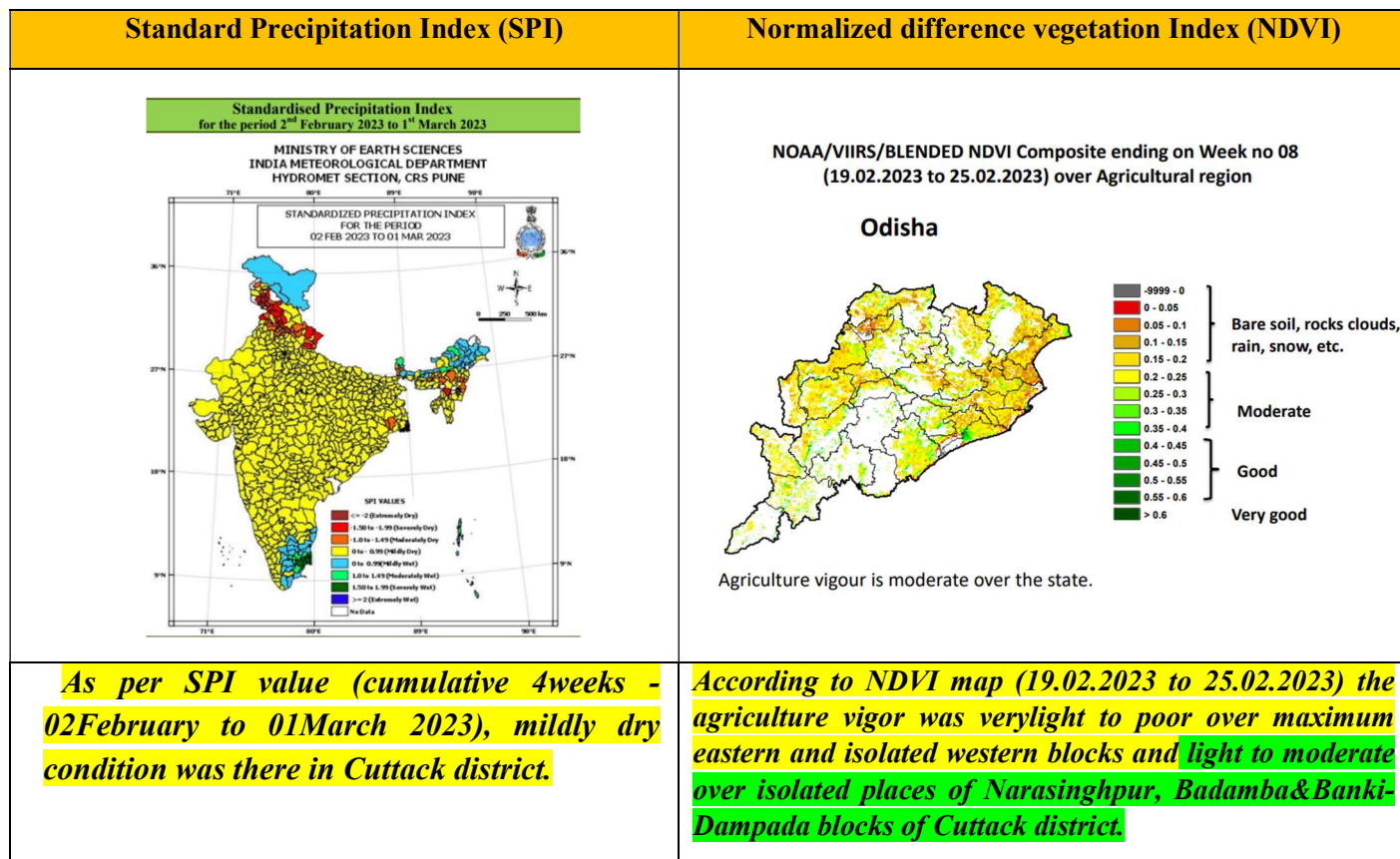


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**Bulletin No.-379**  
**Date- 03/03/2023**

**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)**  
**Contact No-9861445080/7008453427**



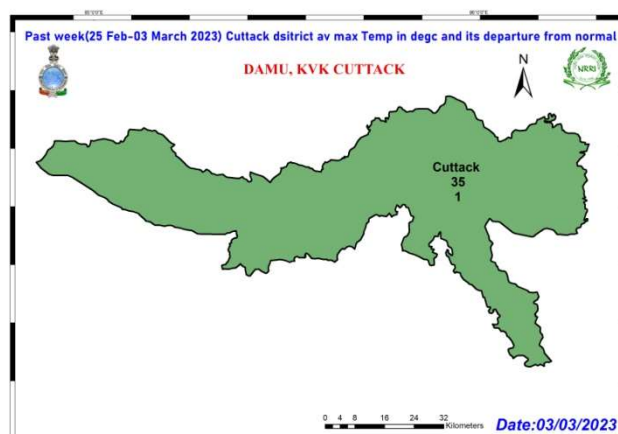
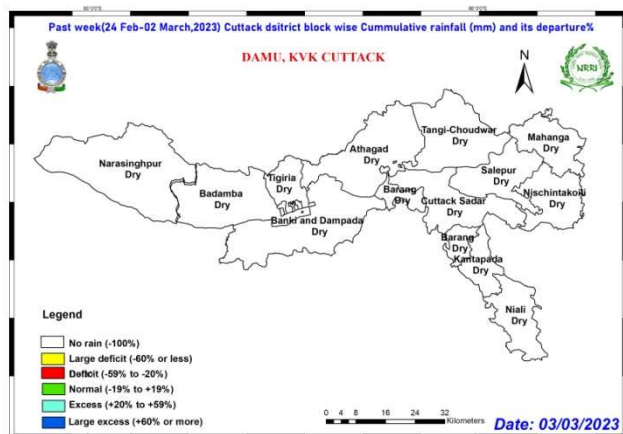


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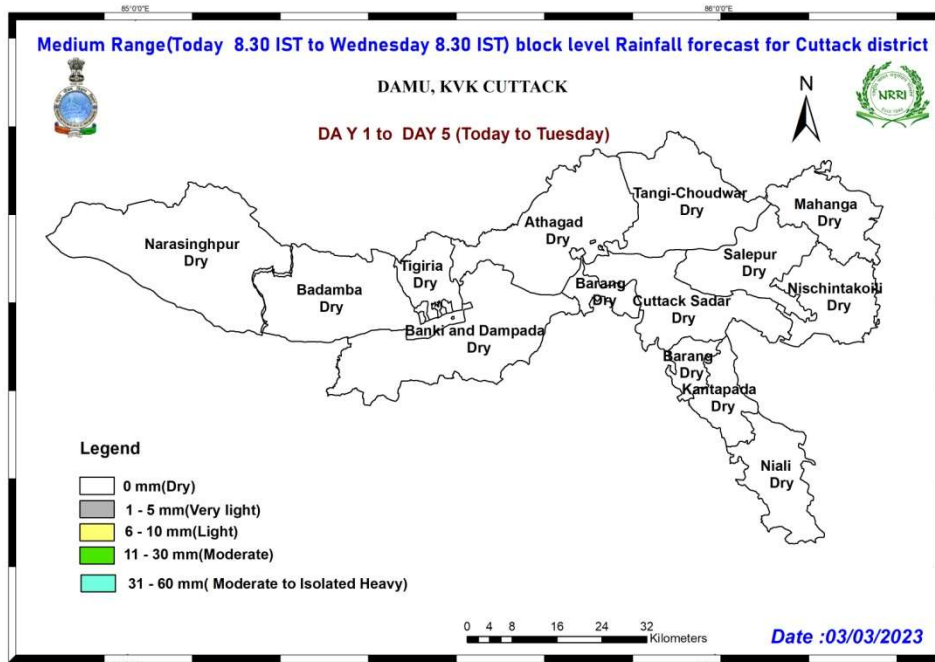


Bulletin No.-379  
Date- 03/03/2023

Past week (24 Feb-02 March, 2023) cumulative rainfall departure% from normal and (25 Feb-03 March, 2023) average minimum temperature and its departure from normal for Cuttack district



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



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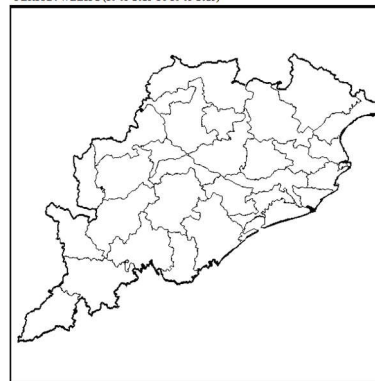
Bulletin No.-379  
Date- 03/03/2023

**EXTENDED RANGE RAINFALL FORECAST FOR UPCOMING 2 WEEKS**

INDIA METEOROLOGICAL DEPARTMENT  
NUMERICAL WEATHER PREDICTION DIVISION, NEW DELHI  
STATE: ODISHA  
RAINFALL (mm/day)  
01 05 10 20 40 70 130  
PERIOD: WEEK-1 (03-03-2023 To 09-03-2023)



INDIA METEOROLOGICAL DEPARTMENT  
NUMERICAL WEATHER PREDICTION DIVISION, NEW DELHI  
STATE: ODISHA  
RAINFALL (mm/day)  
01 05 10 20 40 70 130  
PERIOD: WEEK-2 (10-03-2023 To 16-03-2023)



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 to fruting stage and they may go for sowing activity of summer vegetables 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 ..

**Seasonal outlook for Hot weather Season (March to May) 2023 and Monthly Outlook for March 2023 for the Temperature**

- During the upcoming hot weather season (March to May (MAM)), above normal maximum and minimum temperatures are likely over most parts of Odisha.
- Monthly maximum temperatures for March 2023 are likely to be above normal over most parts of Odisha.
- Enhanced probability of occurrence of Heatwave during March to May season is likely over many regions of Odisha.
- Based upon above forecast farmers are advised to go for sowing of Drought tolerant less duration variety of Crops and vegetables and should make proper arrangement of soil moisture conservation and irrigation practices in critical growth/moisture sensitive stage (Especially during reproductive or flowering to grainfilling/fruting stage).

















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**Bulletin No.-379**  
**Date- 03/03/2023**

**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	Vegetables			Thrips and aphid
9	Cucurbits	Flowering to Fruiting stage		Whitefly
				Tender fruit drop
6	Mango	Flowering to fruiting		Mango fruit drop

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



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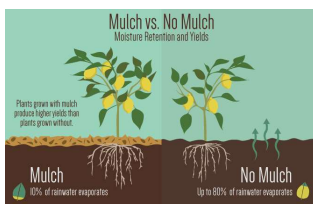
**General agromet advisory for prevailing hot and dry Weather Condition in Cuttack district**

**Agriculture**

- Apply light and frequent irrigation to the standing crops.
- Foliar spray of 2%DAP +1% KCL (MOP) during critical stages of flowering and grain formation stage.
- Use of biofertilizer like Azotobactor, 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.
- To protect the mustard crop from the outbreak of drought at the time of ripening, make a solution of potassium nitrate 1 kg in 100 liter of water and spray at the flowering and pod stage of the crop.
- Increase the frequency of irrigation at critical growth stages.
- Mulch with crop residue, straw, /polythene or undertake soil mulching to conserve soil moisture.
- Irrigate only during the evening or early morning.
- Use sprinkler irrigation.
- Mulching of leaves around newly planted Crops and vegetables to conserve moisture.

**Animal Husbandry**

- Keep animals in shade and give them plenty of clean and cold water to drink.
- Do not make them work between 11 am to 4 pm.
- Cover the shed roof with straw, paint it white or plaster with dung-mud to reduce temperature.
- Use fans, water spray and foggers in the shed.
- During extreme heat, spray water and take cattle to a water body to cool off.
- Give them green grass, protein-fat bypass supplement, mineral mixture and salt. Make them graze during cooler hours.
- Provide curtains and proper ventilation in poultry house.
- Avoid grazing / feeding of cattle during noon hours.



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**(Nodal officer)**



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**Bulletin No.-379**  
**Date- 03/03/2023**

**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 34.8°C (+1.01 from normal) and 21.7°C (+2.34 from normal), respectively. The mean relative humidity was 49-86%.

**Forecasted period: Today(8.30IST) to 08<sup>th</sup> March(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 22-24°C for upcoming 5 days. Maximum and minimum relative humidity will be 41-65% and 09-13% respectively. There will be clear sky for next 5 days.

Block	Athagad (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	03/03/2023	04/03/2023	05/03/2023	06/03/2023	07/03/2023
Rainfall (mm)	0	0	0	0	0
T-Max (°C)	36	37	37	37	36
T-Min (°C)	22	23	24	23	23
Cloud Cover (octa)	0	0	0	0	1
RH Max (%)	63	41	46	54	65
RH Min (%)	13	11	10	9	10
Wind Speed (kmph)	7	6	6	9	12
Wind Direction (deg)	158	23	191	203	198

**Agromet Advisory**

**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 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:**

To protect the mustard crop from the outbreak of drought at the time of ripening, make a solution of potassium nitrate 1 kg in 100 liter of water and spray at the flowering and pod stage of the crop.

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:**

Due to dry and warm weather, sucking pest Aphid and thrips likely to infest vegetable and crops, so farmers should go for spraying of appropriate pesticide to control those pests. Undertake sowing of summer vegetables like bottle gourd, bitter gourd, round gourd, pumpkin with assured irrigation.

**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:**

Stolon formation, Tuberization and tuber enlargement stage is moisture sensitive stage, so go for irrigation. 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.

**Cucurbits:**

Tender fruit dropping likely to occur in Cucurbits. For fruit dropping apply Diethane M45 @ 2.5g/liter of water and Propenophos @ 1.5ml/liter of water. White fly: Spray any of the pesticide 70% Imidacloprid 5 gram or Diafenthion 12.5 gram per 15 lit of water.

**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.

**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. Give them green grass, protein-fat bypass supplement, mineral mixture and salt. Make them graze during cooler hours. Provide curtains and proper ventilation in poultry house. Avoid grazing / feeding of cattle during noon hours.

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



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**Bulletin No.-379**  
**Date- 03/03/2023**

**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 34.8°C (+1.01 from normal) and 21.7°C (+2.34 from normal), respectively. The mean relative humidity was 49-86%.

**Forecasted period: Today(8.30IST) to 08<sup>th</sup> March(8.30IST)2023**

**Weather advisory:** Dry weather is forecasted for upcoming 5 days in the block. The day temperature will be 38-39°C and night temperature will be 22-24°C for upcoming 5 days. Maximum and minimum relative humidity will be 36-55% and 10-12% respectively. There will be clear sky for next 5 days.

Block	Badamba (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	03/03/2023	04/03/2023	05/03/2023	06/03/2023	07/03/2023
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	38	38	39	38	38
T-Min(°C)	22	23	24	23	23
Cloud Cover(octa)	0	0	0	0	1
RH Max (%)	55	36	38	44	50
RH Min (%)	12	11	10	10	10
Wind Speed (Kmph)	7	6	6	9	11
Wind Direction (deg)	203	203	210	240	203

**Agromet Advisory**

**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 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:**

To protect the mustard crop from the outbreak of drought at the time of ripening, make a solution of potassium nitrate 1 kg in 100 liter of water and spray at the flowering and pod stage of the crop.

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:**

Due to dry and warm weather, sucking pest Aphid and thrips likely to infest vegetable and crops, so farmers should go for spraying of appropriate pesticide to control those pests. Undertake sowing of summer vegetables like bottle gourd, bitter gourd, round gourd, pumpkin with assured irrigation.

**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:**

Stolon formation, Tuberization and tuber enlargement stage is moisture sensitive stage, so go for irrigation. 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.

**Cucurbits:**

Tender fruit dropping likely to occur in Cucurbits. For fruit dropping apply Diethane M45 @ 2.5g/liter of water and Propenophos @ 1.5ml/liter of water. White fly: Spray any of the pesticide 70% Imidacloprid 5 gram or Diafenthiuron 12.5 gram per 15 lit of water.

**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.

**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. Give them green grass, protein-fat bypass supplement, mineral mixture and salt. Make them graze during cooler hours. Provide curtains and proper ventilation in poultry house. Avoid grazing / feeding of cattle during noon hours.

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**(Nodal officer)**



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**Bulletin No.-379**  
**Date- 03/03/2023**

**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 34.8°C (+1.01 from normal) and 21.7°C (+2.34 from normal), respectively. The mean relative humidity was 49-86%.

**Forecasted period: Today(8.30IST) to 08<sup>th</sup> March(8.30IST)2023**

**Weather advisory:** Dry weather is forecasted for upcoming 5 days in the block. The day temperature will be 38-39°C and night temperature will be 22-24°C for upcoming 5 days. Maximum and minimum relative humidity will be 40-62% and 10-13% respectively. There will be clear sky for next 5 days.

Block	Banki (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	03/03/2023	04/03/2023	05/03/2023	06/03/2023	07/03/2023
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	38	38	39	38	38
T-Min(°C)	22	23	24	23	23
Cloud Cover(octa)	0	0	0	0	1
RH Max (%)	62	40	44	52	61
RH Min (%)	13	11	10	10	10
Wind Speed (Kmph)	8	6	7	11	13
Wind Direction (deg)	150	198	210	203	203

**Agromet Advisory**

**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 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:**

To protect the mustard crop from the outbreak of drought at the time of ripening, make a solution of potassium nitrate 1 kg in 100 liter of water and spray at the flowering and pod stage of the crop.

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:**

Due to dry and warm weather, sucking pest Aphid and thrips likely to infest vegetable and crops, so farmers should go for spraying of appropriate pesticide to control those pests. Undertake sowing of summer vegetables like bottle gourd, bitter gourd, round gourd, pumpkin with assured irrigation.

**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:**

Stolon formation, Tuberization and tuber enlargement stage is moisture sensitive stage, so go for irrigation. 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.

**Cucurbits:**

Tender fruit dropping likely to occur in Cucurbits. For fruit dropping apply Diethane M45 @ 2.5g/liter of water and Propanophos @ 1.5ml/liter of water. White fly: Spray any of the pesticide 70% Imidacloprid 5 gram or Diafenthiuron 12.5 gram per 15 lit of water.

**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.

**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. Give them green grass, protein-fat bypass supplement, mineral mixture and salt. Make them graze during cooler hours. Provide curtains and proper ventilation in poultry house. Avoid grazing / feeding of cattle during noon hours.

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



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**Bulletin No.-379**  
**Date- 03/03/2023**

**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 34.8°C (+1.01 from normal) and 21.7°C (+2.34 from normal), respectively. The mean relative humidity was 49-86%.

**Forecasted period: Today(8.30IST) to 08<sup>th</sup> March(8.30IST)2023**

**Weather Advisory:** Dry weather is forecasted for upcoming 5 days in the block. The day temperature will be 38-39°C and night temperature will be 22-24°C for upcoming 5 days. Maximum and minimum relative humidity will be 41-63% and 10-13% respectively. There will be clear sky for next 5 days.

Block	Banki-Dampada (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	03/03/2023	04/03/2023	05/03/2023	06/03/2023	07/03/2023
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	38	38	39	38	38
T-Min(°C)	22	23	24	23	23
Cloud Cover(octa)	0	0	0	0	1
RH Max (%)	62	41	45	53	63
RH Min (%)	13	11	10	10	10
Wind Speed (Kmph)	8	6	7	11	13
Wind Direction (deg)	150	15	210	203	203

**Agromet Advisory**

**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 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:**

To protect the mustard crop from the outbreak of drought at the time of ripening, make a solution of potassium nitrate 1 kg in 100 liter of water and spray at the flowering and pod stage of the crop.

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:**

Due to dry and warm weather, sucking pest Aphid and thrips likely to infest vegetable and crops, so farmers should go for spraying of appropriate pesticide to control those pests. Undertake sowing of summer vegetables like bottle gourd, bitter gourd, round gourd, pumpkin with assured irrigation.

**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:**

Stolon formation, Tuberization and tuber enlargement stage is moisture sensitive stage, so go for irrigation. 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.

**Cucurbits:**

Tender fruit dropping likely to occur in Cucurbits. For fruit dropping apply Diethane M45 @ 2.5g/liter of water and Propanophos @ 1.5ml/liter of water. White fly: Spray any of the pesticide 70% Imidacloprid 5 gram or Diafenthiuron 12.5 gram per 15 lit of water.

**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.

**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. Give them green grass, protein-fat bypass supplement, mineral mixture and salt. Make them graze during cooler hours. Provide curtains and proper ventilation in poultry house. Avoid grazing / feeding of cattle during noon hours.

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



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**Bulletin No.-379**  
**Date- 03/03/2023**

**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 34.8°C (+1.01 from normal) and 21.7°C (+2.34 from normal), respectively. The mean relative humidity was 49-86%.

**Forecasted period: Today(8.30IST) to 08<sup>th</sup> March(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 23-24°C for upcoming 5 days. Maximum and minimum relative humidity will be 45-76% and 11-15% respectively. There will be clear sky for next 5 days.

Block	Baranga (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	03/03/2023	04/03/2023	05/03/2023	06/03/2023	07/03/2023
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	36	36	38	38	37
T-Min(°C)	23	23	24	24	23
Cloud Cover	0	0	0	0	1
RH Max (%)	67	45	52	63	76
RH Min (%)	15	12	11	11	11
Wind Speed (Kmph)	10	8	8	12	13
Wind Direction (deg)	150	248	240	199	203

**Agromet Advisory**

**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 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:**

To protect the mustard crop from the outbreak of drought at the time of ripening, make a solution of potassium nitrate 1 kg in 100 liter of water and spray at the flowering and pod stage of the crop.

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:**

Due to dry and warm weather, sucking pest Aphid and thrips likely to infest vegetable and crops, so farmers should go for spraying of appropriate pesticide to control those pests. Undertake sowing of summer vegetables like bottle gourd, bitter gourd, round gourd, pumpkin with assured irrigation.

**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:**

Stolon formation, Tuberization and tuber enlargement stage is moisture sensitive stage, so go for irrigation. 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.

**Cucurbits:**

Tender fruit dropping likely to occur in Cucurbits. For fruit dropping apply Diethane M45 @ 2.5g/liter of water and Propanophos @ 1.5ml/liter of water. White fly: Spray any of the pesticide 70% Imidacloprid 5 gram or Diafenthiuron 12.5 gram per 15 lit of water.

**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.

**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. Give them green grass, protein-fat bypass supplement, mineral mixture and salt. Make them graze during cooler hours. Provide curtains and proper ventilation in poultry house. Avoid grazing / feeding of cattle during noon hours.

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



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**Bulletin No.-379**  
**Date- 03/03/2023**

**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 34.8°C (+1.01 from normal) and 21.7°C (+2.34 from normal), respectively. The mean relative humidity was 49-86%.

**Forecasted period: Today(8.30IST) to 08<sup>th</sup> March(8.30IST)2023**

**Weather advisory:** Dry weather is forecasted for upcoming 5 days in the block. The day temperature will be 37-38°C and night temperature will be 23-24°C for upcoming 5 days. Maximum and minimum relative humidity will be 42-73% and 10-14% respectively. There will be clear sky for next 5 days.

Block	Cuttack sadar (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	03/03/2023	04/03/2023	05/03/2023	06/03/2023	07/03/2023
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	37	37	37	38	37
T-Min(°C)	23	24	24	24	23
Cloud Cover(octa)	0	0	0	0	1
RH Max (%)	65	42	50	60	73
RH Min (%)	14	12	10	10	10
Wind Speed (Kmph)	9	7	7	10	13
Wind Direction (deg)	68	23	236	199	203

**Agromet Advisory**

**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 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:**

To protect the mustard crop from the outbreak of drought at the time of ripening, make a solution of potassium nitrate 1 kg in 100 liter of water and spray at the flowering and pod stage of the crop.

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:**

Due to dry and warm weather, sucking pest Aphid and thrips likely to infest vegetable and crops, so farmers should go for spraying of appropriate pesticide to control those pests. Undertake sowing of summer vegetables like bottle gourd, bitter gourd, round gourd, pumpkin with assured irrigation.

**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:**

Stolon formation, Tuberization and tuber enlargement stage is moisture sensitive stage, so go for irrigation. 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.

**Cucurbits:**

Tender fruit dropping likely to occur in Cucurbits. For fruit dropping apply Diethane M45 @ 2.5g/liter of water and Propanophos @ 1.5ml/liter of water. White fly: Spray any of the pesticide 70% Imidacloprid 5 gram or Diafenthiuron 12.5 gram per 15 lit of water.

**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.

**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. Give them green grass, protein-fat bypass supplement, mineral mixture and salt. Make them graze during cooler hours. Provide curtains and proper ventilation in poultry house. Avoid grazing / feeding of cattle during noon hours.

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



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**Bulletin No.-379**  
**Date- 03/03/2023**

**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 34.8°C (+1.01 from normal) and 21.7°C (+2.34 from normal), respectively. The mean relative humidity was 49-86%.

**Forecasted period: Today(8.30IST) to 08<sup>th</sup> March(8.30IST)2023**

**Weather advisory:** Dry weather is forecasted for upcoming 5 days in the block. The day temperature will be 35-38°C and night temperature will be 23-24°C for upcoming 5 days. Maximum and minimum relative humidity will be 46-79% and 12-18% respectively. There will be clear sky for next 5 days.

Block	Kantapada (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	03/03/2023	04/03/2023	05/03/2023	06/03/2023	07/03/2023
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	35	37	38	37	37
T-Min(°C)	23	23	24	24	23
Cloud Cover(octa)	0	0	0	0	1
RH Max (%)	69	46	56	69	79
RH Min (%)	18	13	12	13	13
Wind Speed (Kmph)	10	9	9	13	14
Wind Direction (deg)	135	248	240	203	203

**Agromet Advisory**

**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 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:**

To protect the mustard crop from the outbreak of drought at the time of ripening, make a solution of potassium nitrate 1 kg in 100 liter of water and spray at the flowering and pod stage of the crop.

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:**

Due to dry and warm weather, sucking pest Aphid and thrips likely to infest vegetable and crops, so farmers should go for spraying of appropriate pesticide to control those pests. Undertake sowing of summer vegetables like bottle gourd, bitter gourd, round gourd, pumpkin with assured irrigation.

**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:**

Stolon formation, Tuberization and tuber enlargement stage is moisture sensitive stage, so go for irrigation. 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.

**Cucurbits:**

Tender fruit dropping likely to occur in Cucurbits. For fruit dropping apply Diethane M45 @ 2.5g/liter of water and Propenophos @ 1.5ml/liter of water. White fly: Spray any of the pesticide 70% Imidacloprid 5 gram or Diafenthiuron 12.5 gram per 15 lit of water.

**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.

**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. Give them green grass, protein-fat bypass supplement, mineral mixture and salt. Make them graze during cooler hours. Provide curtains and proper ventilation in poultry house. Avoid grazing / feeding of cattle during noon hours.

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



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**Bulletin No.-379**  
**Date- 03/03/2023**

**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 34.8°C (+1.01 from normal) and 21.7°C (+2.34 from normal), respectively. The mean relative humidity was 49-86%.

**Forecasted period: Today(8.30IST) to 08<sup>th</sup> March(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 35-37°C and night temperature will be 23-24°C for upcoming 5 days. Maximum and minimum relative humidity will be 41-73% and 12-16% respectively. There will be clear sky for next 5 days.

Block	Mahanga (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	03/03/2023	04/03/2023	05/03/2023	06/03/2023	07/03/2023
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	35	36	37	37	37
T-Min(°C)	23	24	23	23	23
Cloud Cover(octal)	0	0	0	0	2
RH Max (%)	63	41	50	64	73
RH Min (%)	16	14	12	13	13
Wind Speed (Kmph)	10	9	8	10	13
Wind Direction (deg)	68	270	248	225	203

**Agromet Advisory**

**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 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:**

To protect the mustard crop from the outbreak of drought at the time of ripening, make a solution of potassium nitrate 1 kg in 100 liter of water and spray at the flowering and pod stage of the crop.

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:**

Due to dry and warm weather, sucking pest Aphid and thrips likely to infest vegetable and crops, so farmers should go for spraying of appropriate pesticide to control those pests. Undertake sowing of summer vegetables like bottle gourd, bitter gourd, round gourd, pumpkin with assured irrigation.

**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:**

Stolon formation, Tuberization and tuber enlargement stage is moisture sensitive stage, so go for irrigation. 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.

**Cucurbits:**

Tender fruit dropping likely to occur in Cucurbits. For fruit dropping apply Diethane M45 @ 2.5g/liter of water and Propenophos @ 1.5ml/liter of water. White fly: Spray any of the pesticide 70% Imidacloprid 5 gram or Diafenthiuron 12.5 gram per 15 lit of water.

**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.

**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. Give them green grass, protein-fat bypass supplement, mineral mixture and salt. Make them graze during cooler hours. Provide curtains and proper ventilation in poultry house. Avoid grazing / feeding of cattle during noon hours.

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



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**Bulletin No.-379**  
**Date- 03/03/2023**

**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 34.8°C (+1.01 from normal) and 21.7°C (+2.34 from normal), respectively. The mean relative humidity was 49-86%.

**Forecasted period: Today(8.30IST) to 08<sup>th</sup> March(8.30IST)2023**

**Weather advisory:** Dry weather is forecasted for upcoming 5 days in the block. The day temperature will be 38-39°C and night temperature will be 21-22°C for upcoming 5 days. Maximum and minimum relative humidity will be 34-48% and 09-12% respectively. There will be clear sky for next 5 days.

Block	Narasinghpur (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	03/03/2023	04/03/2023	05/03/2023	06/03/2023	07/03/2023
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	38	38	39	38	38
T-Min(°C)	21	21	22	22	22
Cloud Cover(octa)	0	0	0	0	1
RH Max (%)	48	34	35	36	39
RH Min (%)	12	11	10	9	10
Wind Speed (Kmph)	6	5	5	7	8
Wind Direction (deg)	207	18	203	240	199

**Agromet Advisory**

**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 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:**

To protect the mustard crop from the outbreak of drought at the time of ripening, make a solution of potassium nitrate 1 kg in 100 liter of water and spray at the flowering and pod stage of the crop.

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:**

Due to dry and warm weather, sucking pest Aphid and thrips likely to infest vegetable and crops, so farmers should go for spraying of appropriate pesticide to control those pests. Undertake sowing of summer vegetables like bottle gourd, bitter gourd, round gourd, pumpkin with assured irrigation.

**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:**

Stolon formation, Tuberization and tuber enlargement stage is moisture sensitive stage, so go for irrigation. 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.

**Cucurbits:**

Tender fruit dropping likely to occur in Cucurbits. For fruit dropping apply Diethane M45 @ 2.5g/liter of water and Propanophos @ 1.5ml/liter of water. White fly: Spray any of the pesticide 70% Imidacloprid 5 gram or Diafenthiuron 12.5 gram per 15 lit of water.

**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.

**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. Give them green grass, protein-fat bypass supplement, mineral mixture and salt. Make them graze during cooler hours. Provide curtains and proper ventilation in poultry house. Avoid grazing / feeding of cattle during noon hours.

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



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**Bulletin No.-379**  
**Date- 03/03/2023**

**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 34.8°C (+1.01 from normal) and 21.7°C (+2.34 from normal), respectively. The mean relative humidity was 49-86%.

**Forecasted period: Today(8.30IST) to 08<sup>th</sup> March(8.30IST)2023**

**Weather advisory:** Dry weather is forecasted for upcoming 5 days in the block. The day temperature will be 35-38°C and night temperature will be 22-24°C for upcoming 5 days. Maximum and minimum relative humidity will be 50-80% and 14-22% respectively. There will be clear sky for next 5 days.

Block	Niali (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	03/03/2023	04/03/2023	05/03/2023	06/03/2023	07/03/2023
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	35	37	38	38	37
T-Min(°C)	22	23	24	24	23
Cloud Cover(octa)	0	0	0	0	1
RH Max (%)	71	50	61	73	80
RH Min (%)	22	14	14	14	14
Wind Speed(Kmph)	11	9	11	14	14
Wind Direction(deg)	153	255	238	203	203

**Agromet Advisory**

**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 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:**

To protect the mustard crop from the outbreak of drought at the time of ripening, make a solution of potassium nitrate 1 kg in 100 liter of water and spray at the flowering and pod stage of the crop.

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:**

Due to dry and warm weather, sucking pest Aphid and thrips likely to infest vegetable and crops, so farmers should go for spraying of appropriate pesticide to control those pests. Undertake sowing of summer vegetables like bottle gourd, bitter gourd, round gourd, pumpkin with assured irrigation.

**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:**

Stolon formation, Tuberization and tuber enlargement stage is moisture sensitive stage, so go for irrigation. 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.

**Cucurbits:**

Tender fruit dropping likely to occur in Cucurbits. For fruit dropping apply Diethane M45 @ 2.5g/liter of water and Propenophos @ 1.5ml/liter of water. White fly: Spray any of the pesticide 70% Imidacloprid 5 gram or Diafenthiuron 12.5 gram per 15 lit of water.

**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.

**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. Give them green grass, protein-fat bypass supplement, mineral mixture and salt. Make them graze during cooler hours. Provide curtains and proper ventilation in poultry house. Avoid grazing / feeding of cattle during noon hours.

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



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**Bulletin No.-379**  
**Date- 03/03/2023**

**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 34.8°C (+1.01 from normal) and 21.7°C (+2.34 from normal), respectively. The mean relative humidity was 49-86%.

**Forecasted period: Today(8.30IST) to 08<sup>th</sup> March(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 43-75% and 12-17% respectively. There will be clear sky for next 5 days.

Block	Nischintakoili (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	03/03/2023	04/03/2023	05/03/2023	06/03/2023	07/03/2023
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	35	36	37	37	37
T-Min(°C)	23	24	24	23	23
Cloud Cover(octa)	0	0	0	0	2
RH Max (%)	65	43	52	66	75
RH Min (%)	17	13	12	13	13
Wind Speed (Kmph)	10	9	9	11	13
Wind Direction (deg)	68	270	248	225	203

**Agromet Advisory**

**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 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:**

To protect the mustard crop from the outbreak of drought at the time of ripening, make a solution of potassium nitrate 1 kg in 100 liter of water and spray at the flowering and pod stage of the crop.

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:**

Due to dry and warm weather, sucking pest Aphid and thrips likely to infest vegetable and crops, so farmers should go for spraying of appropriate pesticide to control those pests. Undertake sowing of summer vegetables like bottle gourd, bitter gourd, round gourd, pumpkin with assured irrigation.

**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:**

Stolon formation, Tuberization and tuber enlargement stage is moisture sensitive stage, so go for irrigation. 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.

**Cucurbits:**

Tender fruit dropping likely to occur in Cucurbits. For fruit dropping apply Diethane M45 @ 2.5g/liter of water and Propanophos @ 1.5ml/liter of water. White fly: Spray any of the pesticide 70% Imidacloprid 5 gram or Diafenthiuron 12.5 gram per 15 lit of water.

**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.

**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. Give them green grass, protein-fat bypass supplement, mineral mixture and salt. Make them graze during cooler hours. Provide curtains and proper ventilation in poultry house. Avoid grazing / feeding of cattle during noon hours.

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



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**Bulletin No.-379**  
**Date- 03/03/2023**

**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 34.8°C (+1.01 from normal) and 21.7°C (+2.34 from normal), respectively. The mean relative humidity was 49-86%.

**Forecasted period: Today(8.30IST) to 08<sup>th</sup> March(8.30IST)2023**

**Weather advisory:** Dry weather is forecasted for upcoming 5 days in the block. The day temperature will be 35-38°C and night temperature will be 23-24°C for upcoming 5 days. Maximum and minimum relative humidity will be 42-75% and 12-16% respectively. There will be clear sky for next 5 days.

Block	Salepur (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	03/03/2023	04/03/2023	05/03/2023	06/03/2023	07/03/2023
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	35	36	38	37	37
T-Min(°C)	23	24	24	23	23
Cloud Cover(octa)	0	0	0	0	2
RH Max (%)	65	42	51	65	75
RH Min (%)	16	13	12	13	13
Wind Speed (Kmph)	10	9	8	11	13
Wind Direction (deg)	68	248	248	225	203

**Agromet Advisory**

**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 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:**

To protect the mustard crop from the outbreak of drought at the time of ripening, make a solution of potassium nitrate 1 kg in 100 liter of water and spray at the flowering and pod stage of the crop.

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:**

Due to dry and warm weather, sucking pest Aphid and thrips likely to infest vegetable and crops, so farmers should go for spraying of appropriate pesticide to control those pests. Undertake sowing of summer vegetables like bottle gourd, bitter gourd, round gourd, pumpkin with assured irrigation.

**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:**

Stolon formation, Tuberization and tuber enlargement stage is moisture sensitive stage, so go for irrigation. 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.

**Cucurbits:**

Tender fruit dropping likely to occur in Cucurbits. For fruit dropping apply Diethane M45 @ 2.5g/liter of water and Propenophos @ 1.5ml/liter of water. White fly: Spray any of the pesticide 70% Imidacloprid 5 gram or Diafenthiuron 12.5 gram per 15 lit of water.

**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.

**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. Give them green grass, protein-fat bypass supplement, mineral mixture and salt. Make them graze during cooler hours. Provide curtains and proper ventilation in poultry house. Avoid grazing / feeding of cattle during noon hours.

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



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**Bulletin No.-379**  
**Date- 03/03/2023**

**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 34.8°C (+1.01 from normal) and 21.7°C (+2.34 from normal), respectively. The mean relative humidity was 49-86%.

**Forecasted period: Today(8.30IST) to 08<sup>th</sup> March(8.30IST)2023**

**Weather advisory:** Dry weather is forecasted for upcoming 5 days in the block. The day temperature will be 35-38°C and night temperature will be 23-24°C for upcoming 5 days. Maximum and minimum relative humidity will be 52-78% and 20-28% respectively. There will be clear sky for next 5 days.

Block	Tangi-Choudwar (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	03/03/2023	04/03/2023	05/03/2023	06/03/2023	07/03/2023
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	35	37	38	38	37
T-Min(°C)	23	24	24	24	24
Cloud Cover(octa)	0	0	0	0	3
RH Max (%)	68	52	60	74	78
RH Min (%)	28	20	20	21	22
Wind Speed (Kmph)	12	11	12	15	15
Wind Direction (deg)	293	255	245	225	207

**Agromet Advisory**

**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 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:**

To protect the mustard crop from the outbreak of drought at the time of ripening, make a solution of potassium nitrate 1 kg in 100 liter of water and spray at the flowering and pod stage of the crop.

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:**

Due to dry and warm weather, sucking pest Aphid and thrips likely to infest vegetable and crops, so farmers should go for spraying of appropriate pesticide to control those pests. Undertake sowing of summer vegetables like bottle gourd, bitter gourd, round gourd, pumpkin with assured irrigation.

**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:**

Stolon formation, Tuberization and tuber enlargement stage is moisture sensitive stage, so go for irrigation. 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.

**Cucurbits:**

Tender fruit dropping likely to occur in Cucurbits. For fruit dropping apply Diethane M45 @ 2.5g/liter of water and Propenophos @ 1.5ml/liter of water. White fly: Spray any of the pesticide 70% Imidacloprid 5 gram or Diafenthiuron 12.5 gram per 15 lit of water.

**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.

**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. Give them green grass, protein-fat bypass supplement, mineral mixture and salt. Make them graze during cooler hours. Provide curtains and proper ventilation in poultry house. Avoid grazing / feeding of cattle during noon hours.

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



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**Bulletin No.-379**  
**Date- 03/03/2023**

**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 34.8°C (+1.01 from normal) and 21.7°C (+2.34 from normal), respectively. The mean relative humidity was 49-86%.

**Forecasted period: Today(8.30IST) to 08<sup>th</sup> March(8.30IST)2023**

**Weather advisory:** Dry weather is forecasted for upcoming 5 days in the block. The day temperature will be 37-39°C and night temperature will be 22-24°C for upcoming 5 days. Maximum and minimum relative humidity will be 39-59% and 09-12% respectively. There will be clear sky for next 5 days.

Block	Tigiria (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	03/03/2023	04/03/2023	05/03/2023	06/03/2023	07/03/2023
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	37	38	38	39	37
T-Min(°C)	22	23	24	23	23
Cloud Cover(octa)	0	0	0	0	1
RH Max (%)	59	39	43	49	58
RH Min (%)	12	11	10	9	10
Wind Speed (Kmph)	7	7	6	9	11
Wind Direction (deg)	165	18	203	203	199

**Agro met Advisory**

**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 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:**

To protect the mustard crop from the outbreak of drought at the time of ripening, make a solution of potassium nitrate 1 kg in 100 liter of water and spray at the flowering and pod stage of the crop.

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:**

Due to dry and warm weather, sucking pest Aphid and thrips likely to infest vegetable and crops, so farmers should go for spraying of appropriate pesticide to control those pests. Undertake sowing of summer vegetables like bottle gourd, bitter gourd, round gourd, pumpkin with assured irrigation.

**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:**

Stolon formation, Tuberization and tuber enlargement stage is moisture sensitive stage, so go for irrigation. 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.

**Cucurbits:**

Tender fruit dropping likely to occur in Cucurbits. For fruit dropping apply Diethane M45 @ 2.5g/liter of water and Propanophos @ 1.5ml/liter of water. White fly: Spray any of the pesticide 70% Imidacloprid 5 gram or Diafenthiuron 12.5 gram per 15 lit of water.

**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.

**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. Give them green grass, protein-fat bypass supplement, mineral mixture and salt. Make them graze during cooler hours. Provide curtains and proper ventilation in poultry house.

Avoid grazing / feeding of cattle during noon hours.

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



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**Bulletin No.-379**  
**Date- 03/03/2023**

				
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- Kindly install and use **“Meghdoot mobile App”** for Cuttack district weather forecast, warnings and weather based agromet advisory services.

<https://play.google.com/store/apps/details?id=com.aas.meghdoot>

- Kindly install and use **“Damini mobile App”** for location specific for lightening forecast and warnings.

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

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