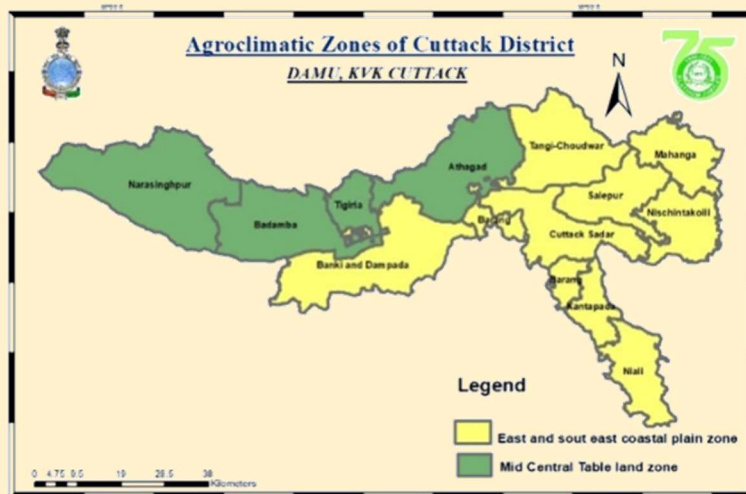




Cuttack District Block Wise Agro-met Advisory Service Bulletin

*Tuesday, 28th February, 2023
(For the period 28th February to 04th
March, 2023)*



*Issued by
District Agromet Unit,
KrishiVigyan Kendra Cuttack*



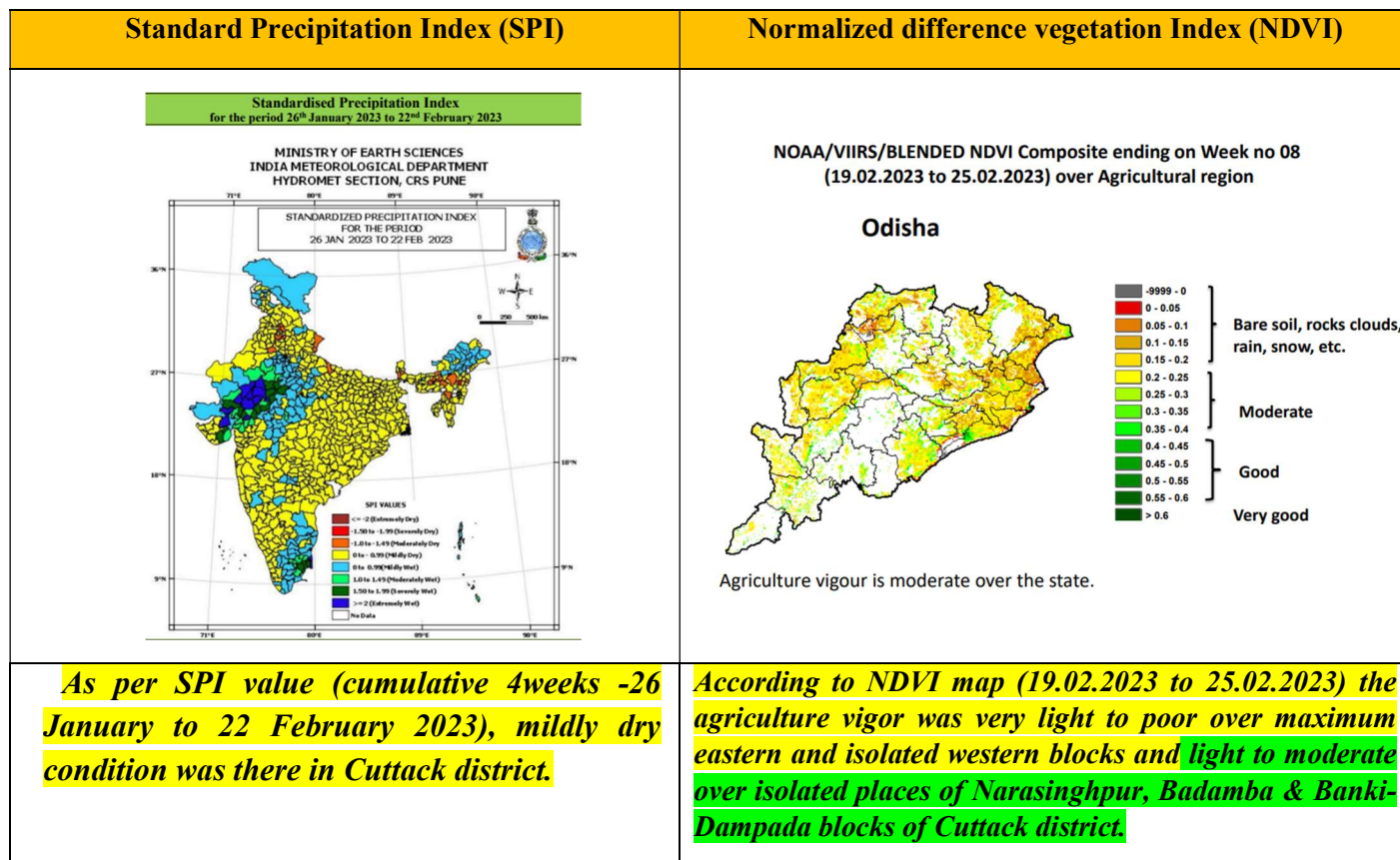


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Bulletin No.-378
Date- 28/02/2023

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)
Contact No-9861445080/7008453427

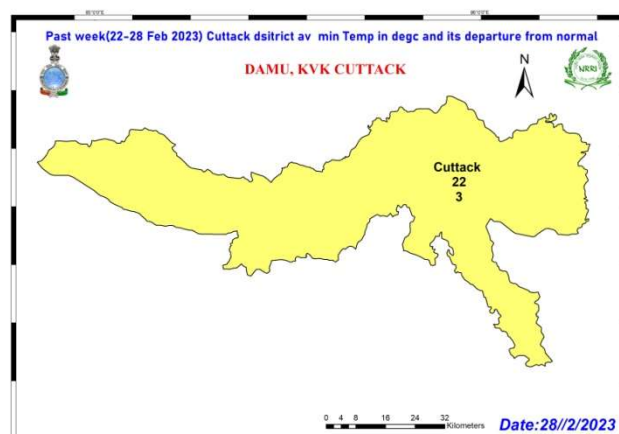
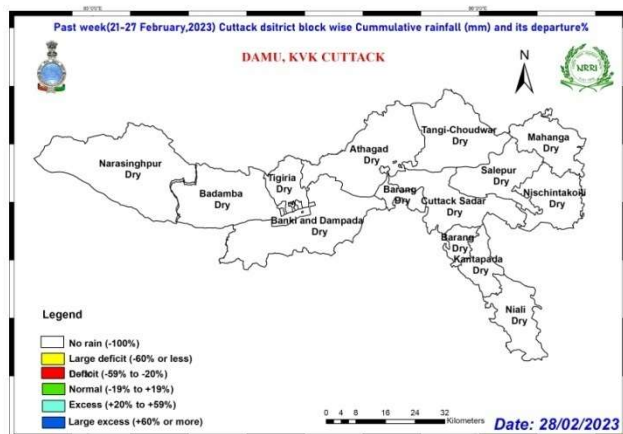


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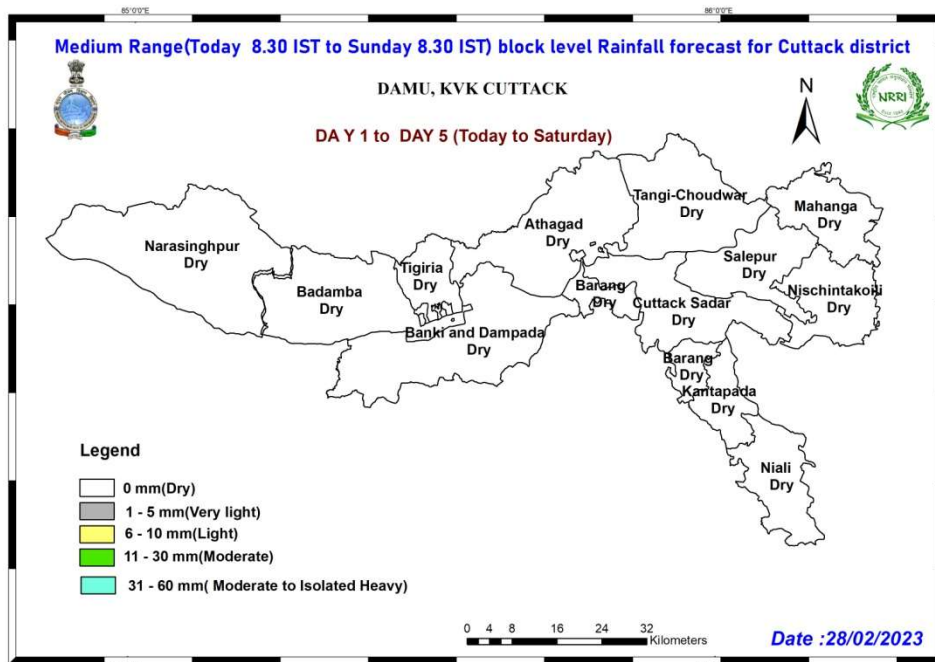


Bulletin No.-378
Date- 28/02/2023

Past week (21-27 Feb, 2023) cumulative rainfall departure% from normal and (22-28 Feb, 2023) average minimum temperature and its departure from normal for Cuttack district



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



Dr Sujata Sethy
 (Nodal officer)



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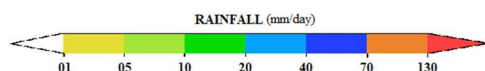
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Bulletin No.-378
Date- 28/02/2023

EXTENDED RANGE RAINFALL FORECAST FOR UPCOMING 2 WEEKS

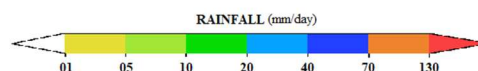
INDIA METEOROLOGICAL DEPARTMENT
NUMERICAL WEATHER PREDICTION DIVISION, NEW DELHI
STATE: ODISHA



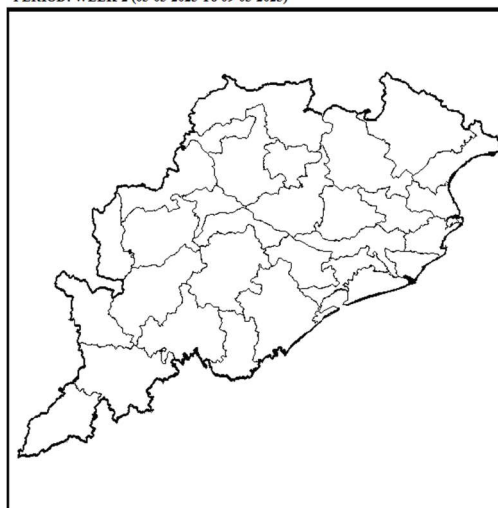
PERIOD: WEEK-1 (24-02-2023 To 02-03-2023)



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 2nd 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.-378
Date- 28/02/2023

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	Vegetables			Thrips and aphid
6	Mango	Flowering to fruiting		Mango fruit drop

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-378
Date- 28/02/2023

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 35.2°C (+2.0 from normal) and 22°C (+3.1 from normal), respectively. The mean relative humidity was 52-87%.

Forecasted period: Today(8.30IST) to 05th 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 46-84% and 10-16% respectively. There will be clear sky for next 5 days.

Block	Athagad (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	28/02/2023	01/03/2023	02/03/2023	03/03/2023	04/03/2023
Rainfall (mm)	0	0	0	0	0
T-Max (°C)	35	35	36	38	38
T-Min (°C)	22	23	23	23	24
Cloud Cover (octa)	0	0	0	0	0
RH Max (%)	84	54	47	49	46
RH Min (%)	16	14	12	10	10
Wind Speed (kmph)	8	8	8	7	6
Wind Direction (deg)	135	195	195	203	338

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 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: 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.

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.

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. 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.-378
Date- 28/02/2023

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 35.2°C (+2.0 from normal) and 22°C (+3.1 from normal), respectively. The mean relative humidity was 52-87%.

Forecasted period: Today(8.30IST) to 05th March(8.30IST)2023

Weather advisory: Dry weather is forecasted for upcoming 5 days in the block. The day temperature will be 36-39°C and night temperature will be 21-23°C for upcoming 5 days. Maximum and minimum relative humidity will be 38-74% and 10-16% respectively. There will be clear sky for next 5 days.

Block	Badamba (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	28/02/2023	01/03/2023	02/03/2023	03/03/2023	04/03/2023
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	36	36	37	38	39
T-Min(°C)	21	22	23	22	23
Cloud Cover(octa)	0	0	0	0	0
RH Max (%)	74	46	40	38	38
RH Min (%)	16	13	12	10	10
Wind Speed (Kmph)	8	8	8	8	6
Wind Direction (deg)	165	180	180	203	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 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: 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.**

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.

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. 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.-378
Date- 28/02/2023

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 35.2°C (+2.0 from normal) and 22°C (+3.1 from normal), respectively. The mean relative humidity was 52-87%.

Forecasted period: Today(8.30IST) to 05th 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 21-23°C for upcoming 5 days. Maximum and minimum relative humidity will be 45-81% and 10-17% respectively. There will be clear sky for next 5 days.

Block	Banki (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	28/02/2023	01/03/2023	02/03/2023	03/03/2023	04/03/2023
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	36	36	36	38	38
T-Min(°C)	21	22	23	23	23
Cloud Cover(octa)	0	0	0	0	0
RH Max (%)	81	52	45	45	45
RH Min (%)	17	14	12	11	10
Wind Speed (Kmph)	9	9	10	9	7
Wind Direction (deg)	165	180	180	203	210

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 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:

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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 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.

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.

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.

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Bulletin No.-378
Date- 28/02/2023

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 35.2°C (+2.0 from normal) and 22°C (+3.1 from normal), respectively. The mean relative humidity was 52-87%.

Forecasted period: Today(8.30IST) to 05th 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 21-24°C for upcoming 5 days. Maximum and minimum relative humidity will be 46-81% and 10-17% respectively. There will be clear sky for next 5 days.

Block	Banki-Dampada (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	28/02/2023	01/03/2023	02/03/2023	03/03/2023	04/03/2023
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	36	36	36	38	38
T-Min(°C)	21	22	23	23	24
Cloud Cover(octa)	0	0	0	0	0
RH Max (%)	81	53	46	46	46
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Wind Speed (Kmph)	9	9	10	9	7
Wind Direction (deg)	165	180	180	203	210

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 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: 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.

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.

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. 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.-378
Date- 28/02/2023

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 35.2°C (+2.0 from normal) and 22°C (+3.1 from normal), respectively. The mean relative humidity was 52-87%.

Forecasted period: Today(8.30IST) to 05th March(8.30IST)2023

Weatheradvisory: 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 54-85% and 11-20% respectively. There will be clear sky for next 5 days.

Block	Baranga (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	28/02/2023	01/03/2023	02/03/2023	03/03/2023	04/03/2023
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	35	36	36	37	38
T-Min(°C)	22	23	24	24	24
Cloud Cover	0	0	0	0	1
RH Max (%)	85	63	54	56	56
RH Min (%)	20	16	14	12	11
Wind Speed (Kmph)	10	10	11	10	8
Wind Direction (deg)	161	180	248	203	180

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 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: 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.

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.

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. 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.-378
Date- 28/02/2023

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 35.2°C (+2.0 from normal) and 22°C (+3.1 from normal), respectively. The mean relative humidity was 52-87%.

Forecasted period: Today(8.30IST) to 05th 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 22-25°C for upcoming 5 days. Maximum and minimum relative humidity will be 51-86% and 11-19% respectively. There will be clear sky for next 5 days.

Block	Cuttack sadar (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	28/02/2023	01/03/2023	02/03/2023	03/03/2023	04/03/2023
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	35	35	36	38	38
T-Min(°C)	22	23	24	24	25
Cloud Cover(octa)	1	0	0	0	0
RH Max (%)	86	59	51	54	51
RH Min (%)	19	15	13	11	11
Wind Speed (Kmph)	9	9	10	8	7
Wind Direction (deg)	158	180	248	198	225

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 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: 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.

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.

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. 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.-378
Date- 28/02/2023

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 35.2°C (+2.0 from normal) and 22°C (+3.1 from normal), respectively. The mean relative humidity was 52-87%.

Forecasted period: Today(8.30IST) to 05th March(8.30IST)2023

Weather advisory: Dry weather is forecasted for upcoming 5 days in the block. The day temperature will be 34-37°C and night temperature will be 22-24°C for upcoming 5 days. Maximum and minimum relative humidity will be 60-85% and 13-24% respectively. There will be clear sky for next 5 days.

Block	Kantapada (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	28/02/2023	01/03/2023	02/03/2023	03/03/2023	04/03/2023
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	34	34	35	37	37
T-Min(°C)	22	22	23	24	24
Cloud Cover(octa)	0	0	0	0	1
RH Max (%)	85	68	60	61	63
RH Min (%)	24	18	16	14	13
Wind Speed (Kmph)	11	10	11	10	9
Wind Direction (deg)	169	180	162	225	240

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 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: 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.

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.

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. 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.-378
Date- 28/02/2023

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 35.2°C (+2.0 from normal) and 22°C (+3.1 from normal), respectively. The mean relative humidity was 52-87%.

Forecasted period: Today(8.30IST) to 05th 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 34-37°C and night temperature will be 22-25°C for upcoming 5 days. Maximum and minimum relative humidity will be 47-84% and 13-22% respectively.

There will be clear sky for next 5 days.

Block	Mahanga (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	28/02/2023	01/03/2023	02/03/2023	03/03/2023	04/03/2023
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	34	34	35	37	37
T-Min(°C)	22	22	23	23	25
Cloud Cover(octal)	1	0	0	0	1
RH Max (%)	84	59	52	52	47
RH Min (%)	22	18	15	14	13
Wind Speed (Kmph)	10	10	11	9	8
Wind Direction (deg)	153	180	248	180	281

Agromet Advisory

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

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

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

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

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

Pulses:

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:

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.

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.

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. 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.-378
Date- 28/02/2023

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 35.2°C (+2.0 from normal) and 22°C (+3.1 from normal), respectively. The mean relative humidity was 52-87%.

Forecasted period: Today(8.30IST) to 05th March(8.30IST)2023

Weather advisory: Dry weather is forecasted for upcoming 5 days in the block. The day temperature will be 36-39°C and night temperature will be 20-22°C for upcoming 5 days. Maximum and minimum relative humidity will be 32-64% and 10-14% respectively. There will be clear sky for next 5 days.

Block	Narasinghpur (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	28/02/2023	01/03/2023	02/03/2023	03/03/2023	04/03/2023
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	36	36	38	38	39
T-Min(°C)	20	21	21	21	22
Cloud Cover(octa)	0	0	0	0	0
RH Max (%)	64	40	35	32	33
RH Min (%)	14	13	11	10	10
Wind Speed (Kmph)	6	6	6	6	5
Wind Direction (deg)	169	203	180	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 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: 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.**

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.

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. 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.-378
Date- 28/02/2023

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 35.2°C (+2.0 from normal) and 22°C (+3.1 from normal), respectively. The mean relative humidity was 52-87%.

Forecasted period: Today(8.30IST) to 05th March(8.30IST)2023

Weather advisory: Dry weather is forecasted for upcoming 5 days in the block. The day temperature will be 34-37°C and night temperature will be 22-24°C for upcoming 5 days. Maximum and minimum relative humidity will be 64-85% and 15-26% respectively. There will be clear sky for next 5 days.

Block	Niali (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	28/02/2023	01/03/2023	02/03/2023	03/03/2023	04/03/2023
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	34	34	36	37	37
T-Min(°C)	22	22	23	23	24
Cloud Cover(octa)	0	0	0	0	2
RH Max (%)	85	72	64	64	69
RH Min (%)	26	20	17	15	15
Wind Speed(Kmph)	11	10	11	11	10
Wind Direction(deg)	169	161	162	225	162

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 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: 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.

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.

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. 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.-378
Date- 28/02/2023

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 35.2°C (+2.0 from normal) and 22°C (+3.1 from normal), respectively. The mean relative humidity was 52-87%.

Forecasted period: Today(8.30IST) to 05th March(8.30IST)2023

Weather advisory: Dry weather is forecasted for upcoming 5 days in the block. The day temperature will be 34-37°C and night temperature will be 22-25°C for upcoming 5 days. Maximum and minimum relative humidity will be 52-85% and 13-23% respectively. There will be clear sky for next 5 days.

Block	Nischintakoili (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	28/02/2023	01/03/2023	02/03/2023	03/03/2023	04/03/2023
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	34	34	35	36	37
T-Min(°C)	22	22	23	24	25
Cloud Cover(octa)	0	0	0	0	1
RH Max (%)	85	62	54	55	52
RH Min (%)	23	18	16	14	13
Wind Speed (Kmph)	10	10	11	10	8
Wind Direction (deg)	162	180	248	180	281

Agromet Advisory

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

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

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

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

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

Pulses:

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:

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.

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.

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. 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.-378
Date- 28/02/2023

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 35.2°C (+2.0 from normal) and 22°C (+3.1 from normal), respectively. The mean relative humidity was 52-87%.

Forecasted period: Today(8.30IST) to 05th March(8.30IST)2023

Weather advisory: Dry weather is forecasted for upcoming 5 days in the block. The day temperature will be 34-37°C and night temperature will be 22-25°C for upcoming 5 days. Maximum and minimum relative humidity will be 51-85% and 13-22% respectively. There will be clear sky for next 5 days.

Block	Salepur (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	28/02/2023	01/03/2023	02/03/2023	03/03/2023	04/03/2023
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	34	34	35	36	37
T-Min(°C)	22	23	23	24	25
Cloud Cover(octa)	0	0	0	0	1
RH Max (%)	85	61	53	54	51
RH Min (%)	22	18	15	14	13
Wind Speed (Kmph)	10	10	11	9	8
Wind Direction (deg)	158	180	248	180	281

Agromet Advisory

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

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

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

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

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

Pulses:

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:

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.**

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.

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. 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.-378
Date- 28/02/2023

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 35.2°C (+2.0 from normal) and 22°C (+3.1 from normal), respectively. The mean relative humidity was 52-87%.

Forecasted period: Today(8.30IST) to 05th 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 63-82% and 22-35% respectively. There will be clear sky for next 5 days.

Block	Tangi-Choudwar (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	28/02/2023	01/03/2023	02/03/2023	03/03/2023	04/03/2023
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	35	36	36	37	38
T-Min(°C)	22	23	24	23	24
Cloud Cover(octa)	0	0	0	0	1
RH Max (%)	82	71	65	63	64
RH Min (%)	35	28	24	22	23
Wind Speed (Kmph)	13	12	12	12	12
Wind Direction (deg)	169	169	203	162	158

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 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: 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.**

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.

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. 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.-378
Date- 28/02/2023

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 35.2°C (+2.0 from normal) and 22°C (+3.1 from normal), respectively. The mean relative humidity was 52-87%.

Forecasted period: Today(8.30IST) to 05th 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 21-24°C for upcoming 5 days. Maximum and minimum relative humidity will be 42-80% and 10-16% respectively. There will be clear sky for next 5 days.

Block	Tigiria (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	28/02/2023	01/03/2023	02/03/2023	03/03/2023	04/03/2023
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	35	35	37	38	38
T-Min(°C)	21	22	23	23	24
Cloud Cover(octa)	1	0	0	0	0
RH Max (%)	80	50	43	44	42
RH Min (%)	16	13	12	10	10
Wind Speed (Kmph)	8	8	8	7	6
Wind Direction (deg)	135	203	195	203	338

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 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: 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.

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.

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. 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.-378
Date- 28/02/2023

				
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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.
<https://play.google.com/store/apps/details?id=com.lightening.live.damini>
- Follow the **block specific whats app groups** and join in your block wise groups for getting weather based agromet advisory services twice in a week (Tuesday and Friday) and other weather warning based farm management advisories.
- Follow the **Official Website links** to get the weather based agromet advisory service bulletins (**English & Odia**) twice in a week (Tuesday and Friday).

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

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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