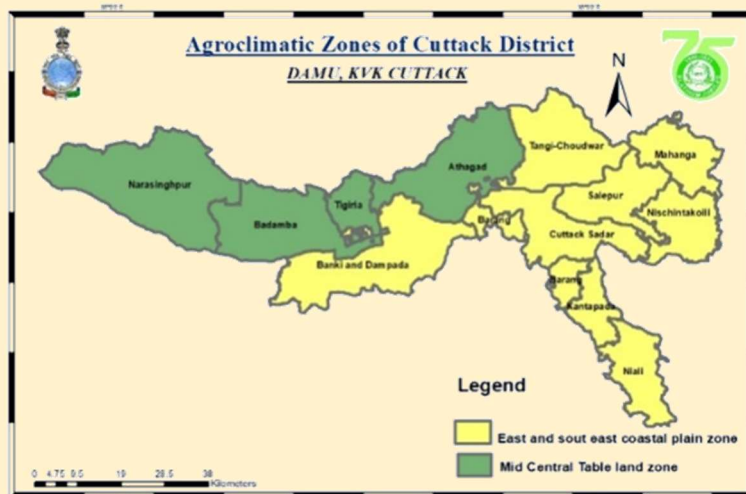




# Cuttack District Block Wise Agro-met Advisory Service Bulletin

*Friday, 10<sup>th</sup> March, 2023  
(For the period 10<sup>th</sup> to 14<sup>th</sup> March,  
2023)*



*Issued by  
District Agromet Unit,  
KrishiVigyan Kendra Cuttack*



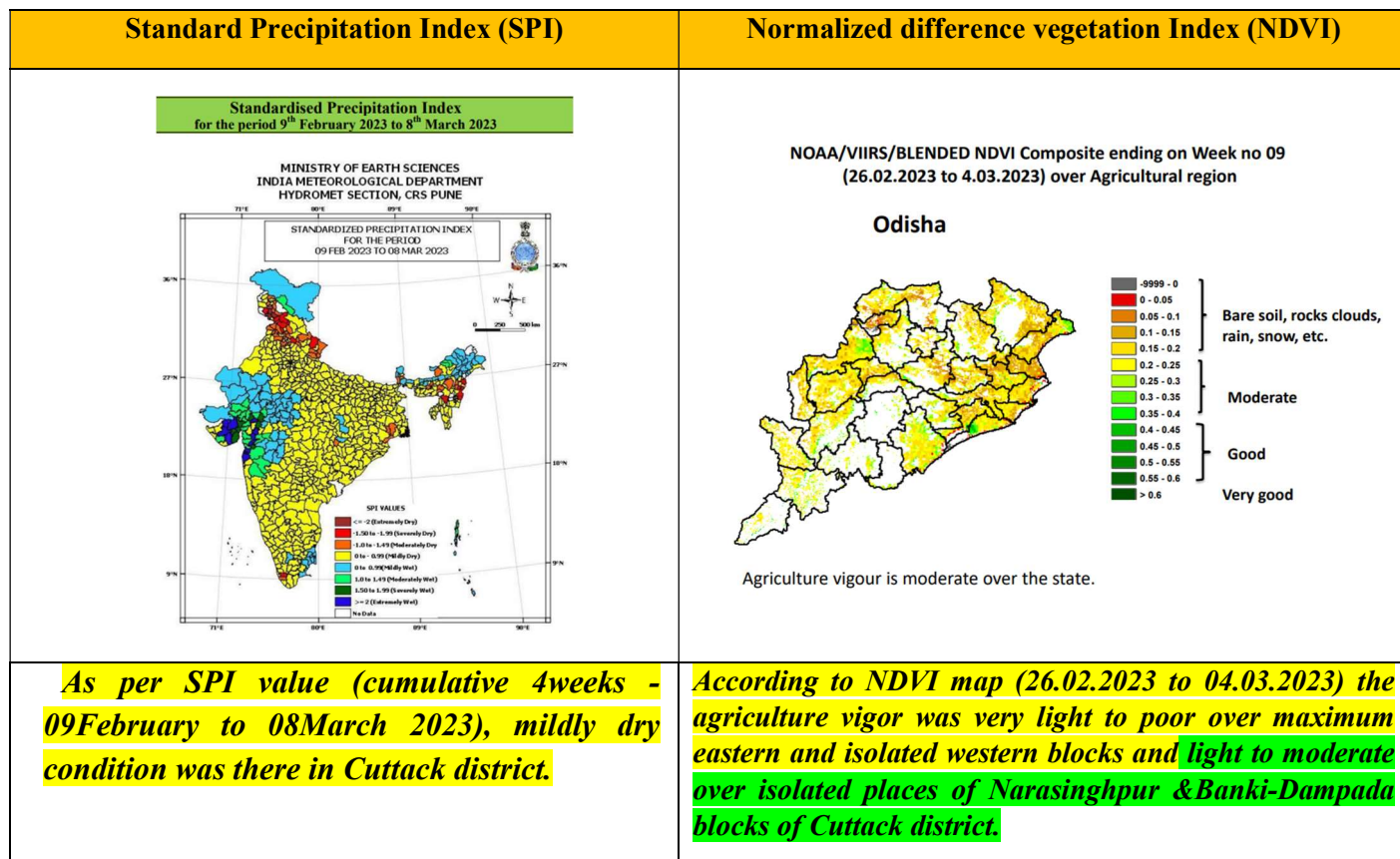


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**Bulletin No.-381**  
**Date- 10/03/2023**

**STANDARD PRECIPITATION INDEX AND NDVI MAP**



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

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

Dr Sujata Sethy  
(Nodal officer)



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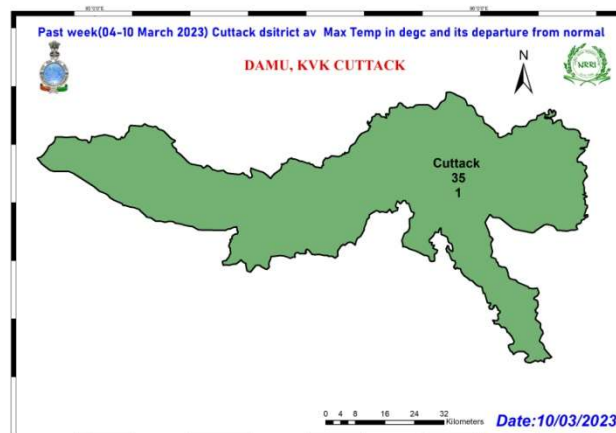
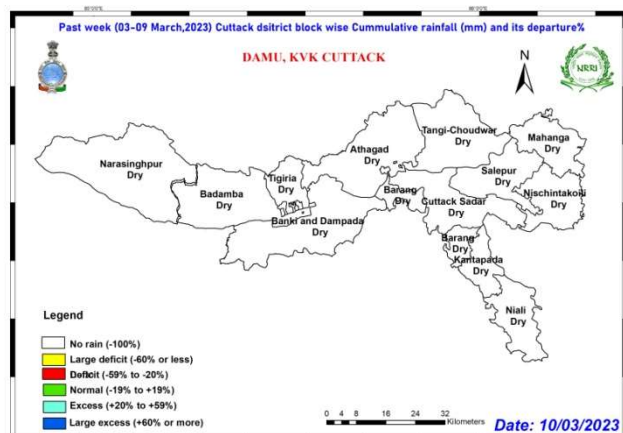


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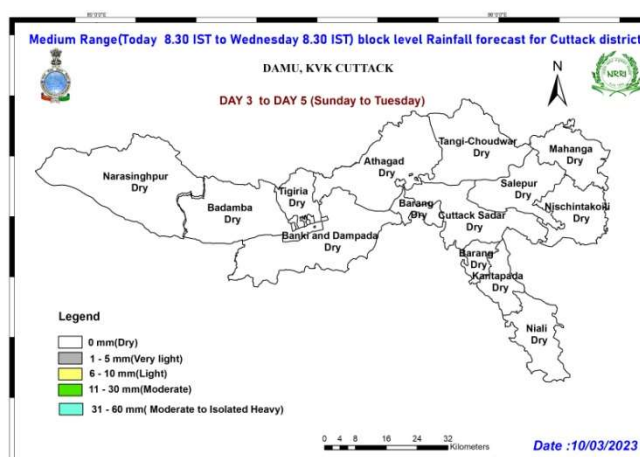
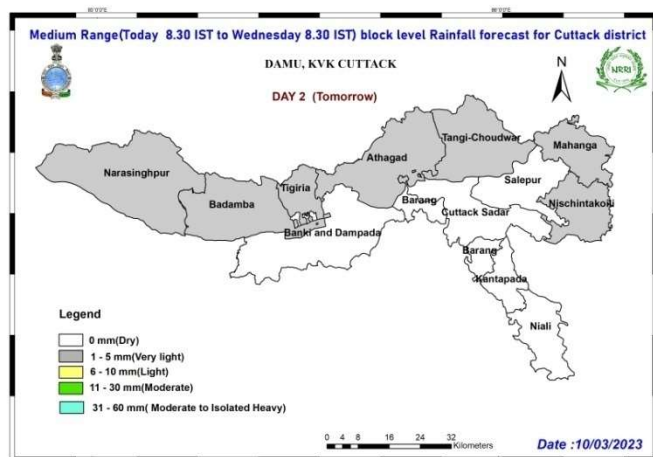
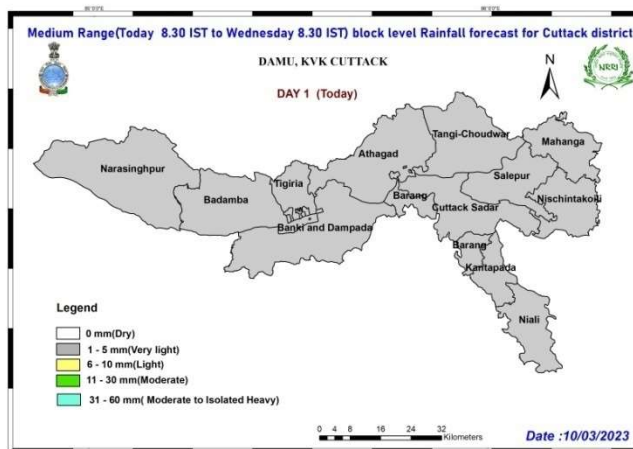


**Bulletin No.-381**  
**Date- 10/03/2023**

**Past week (03-09 March, 2023) cumulative rainfall departure% from normal and (04-10 March, 2023) average maximum temperature and its departure from normal for Cuttack district**



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



**Dr Sujata Sethy**  
 (Nodal officer)



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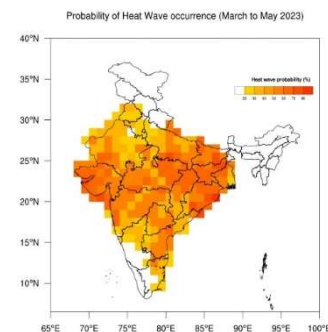
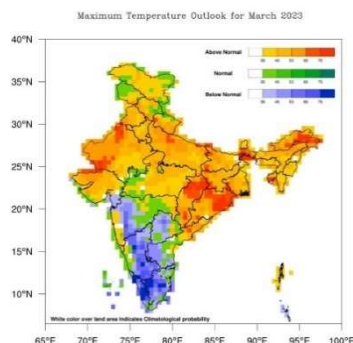
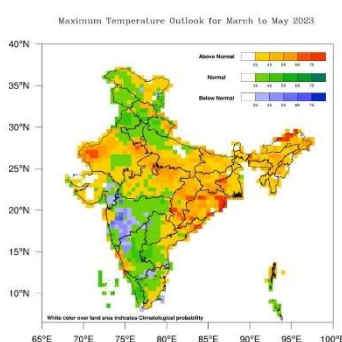
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Met Sub division	Extended range outlook for subsequent 1 week (6 <sup>th</sup> to 12 <sup>th</sup> days) (15-21 March 2023)			
Odisha	<i>Parameter</i>	<i>Actual</i>	<i>Normal</i>	<i>Departure (%)</i>
	Rainfall (mm)	2.22	0.24	818.10
	<i>Parameter</i>	<i>Actual</i>	<i>Normal</i>	<i>Anomaly</i>
	Maximum temperature (°C)	30.92	34.70	-3.78
	Minimum temperature (°C)	19.16	20.77	-1.60

As per extended range outlook there will be scattered light to moderate rainfall/Thundershower (Above normal rainfall) is forecasted in subsequent week (15-21 March, 2023) after 5 days for Odisha condition, which will likely to impact the crops like green gram, black gram, Mustard and groundnut at their harvesting stage, so farmers should harvest the matured crops before the subsequent week (Before 15<sup>th</sup> March) and make their safe storage. They should stop sowing, spraying and irrigation activities in next week and should complete the sowing of summer vegetables like cucurbits and crops like Maize after the subsequent week to utilize the soil moisture effectively.

**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).



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



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**Bulletin No.-381**  
**Date- 10/03/2023**

**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
				Anthracnose
				Cercospora leaf spot
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 Fruting		Bacterial Canker
				Sun burn
				Flower drop
5	Vegetables			Thrips and aphid
6	Onion	Flowering to fruting		Purple blight

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 (Nodal officer)



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				Stemphylium Blight
9	Cucurbits	Flowering to Fruiting stage		Whitefly
				Tender fruit drop
6	Mango	Flowering to fruiting		Mango hooper

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**Bulletin No.-381**  
**Date- 10/03/2023**

**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 35.4°C (+1 from normal) and 21.7°C (+1.5 from normal), respectively. The mean relative humidity was 46-70%.

**Forecasted period: Today(8.30IST) to 15<sup>th</sup> March(8.30IST)2023**

**Weather advisory:** *Very light rainfall/Thundershower is forecasted on Today and Tomorrow and Dry weather is forecasted for next 3 days in the block.* The day temperature will be 31-35°C and night temperature will be 22°C for upcoming 5 days. Maximum and minimum relative humidity will be 55-81% and 10-20% respectively. **There will be clear to partly cloudy sky for next 5 days.**

Block	Athagad (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	10/03/2023	11/03/2023	12/03/2023	13/03/2023	14/03/2023
Rainfall (mm)	2	1	0	0	0
T-Max (°C)	31	34	35	35	35
T-Min (°C)	22	22	22	22	22
Cloud Cover (octa)	5	2	0	2	3
RH Max (%)	70	58	55	61	81
RH Min (%)	20	18	12	11	10
Wind Speed (kmph)	8	8	9	13	16
Wind Direction (deg)	75	135	135	193	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. There may be chances of infestation of **Anthraxnose and Cercopsersa leaf spot** in Pulses due to humid weather. To manage these spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre in 200 ltr 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 liter water.

**Vegetables:**

**Due to past 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.** There are chances of **purple blotch and Stemphylium blight** disease incidence in onion crop. To manage purple blotch and Stemphylium leaf blight disease in onion spray Mancozeb 75% WP @ 600gram/acre or Difenoconazole 25% E.C @ 200ml/acre by mixing in 200 litre of water at 15 days interval.

**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:**

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

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

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



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**Bulletin No.-381**  
**Date- 10/03/2023**

**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 35.4°C (+1 from normal) and 21.7°C (+1.5 from normal), respectively. The mean relative humidity was 46-70%.

**Forecasted period: Today(8.30IST) to 15<sup>th</sup> March(8.30IST)2023**

**Weather advisory:** Very light rainfall/Thundershower is forecasted on Today and Tomorrow and Dry weather is forecasted for next 3 days in the block. The day temperature will be 32-37°C and night temperature will be 21-22°C for upcoming 5 days. Maximum and minimum relative humidity will be 45-73% and 10-20% respectively. There will be clear to partly cloudy sky for next 5 days.

Block	Badamba (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	10/03/2023	11/03/2023	12/03/2023	13/03/2023	14/03/2023
Rainfall(mm)	2	1	0	0	0
T-Max(°C)	32	34	37	37	37
T-Min(°C)	21	21	22	22	21
Cloud Cover(octa)	4	2	0	2	4
RH Max (%)	67	49	45	47	73
RH Min (%)	20	18	11	11	10
Wind Speed (Kmph)	7	8	8	12	14
Wind Direction (deg)	293	165	165	201	193

**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. There may be chances of infestation of Anthracnose and Cercospora leaf spot in Pulses due to humid weather. To manage these spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre in 200 ltr 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 liter water.

**Vegetables:**

Due to past 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. There are chances of purple blotch and Stemphylium blight disease incidence in onion crop. To manage purple blotch and Stemphylium leaf blight disease in onion spray Mancozeb 75% WP @ 600gram/acre or Difenoconazole 25% E.C @ 200ml/acre by mixing in 200 litre of water at 15 days interval.

**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:**

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

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

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



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**Bulletin No.-381**  
**Date- 10/03/2023**

**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 35.4°C (+1 from normal) and 21.7°C (+1.5 from normal), respectively. The mean relative humidity was 46-70%.

**Forecasted period: Today(8.30IST) to 15<sup>th</sup> March(8.30IST)2023**

**Weather advisory:** *Very light rainfall/Thundershower is forecasted on Today and Dry weather is forecasted for next 4 days in the block.* The day temperature will be 32-37°C and night temperature will be 21-22°C for upcoming 5 days. Maximum and minimum relative humidity will be 52-77% and 11-20% respectively. **There will be clear to partly cloudy sky for next 5 days.**

Block	Banki (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	10/03/2023	11/03/2023	12/03/2023	13/03/2023	14/03/2023
Rainfall(mm)	1	0	0	0	0
T-Max(°C)	32	34	36	37	37
T-Min(°C)	21	22	22	22	22
Cloud Cover(octa)	5	1	0	2	3
RH Max (%)	71	55	52	56	77
RH Min (%)	20	18	12	11	11
Wind Speed (Kmph)	8	9	10	14	16
Wind Direction (deg)	293	161	180	201	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. There may be chances of infestation of **Anthraxnose** and **Cercopsa leaf spot** in Pulses due to humid weather. To manage these spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre in 200 ltr 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.

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**Vegetables:**

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**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:**

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

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**(Nodal officer)**



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**Bulletin No.-381**  
**Date- 10/03/2023**

**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 35.4°C (+1 from normal) and 21.7°C (+1.5 from normal), respectively. The mean relative humidity was 46-70%.

**Forecasted period: Today(8.30IST) to 15<sup>th</sup> March(8.30IST)2023**

**Weather Advisory:** Very light rainfall/Thundershower is forecasted for Today and Dry weather is forecasted for next 4 days in the block. The day temperature will be 32-37°C and night temperature will be 21-22°C for upcoming 5 days. Maximum and minimum relative humidity will be 53-77% and 11-20% respectively. There will be clear to partly cloudy sky for next 5 days.

Block	Banki-Dampada (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	10/03/2023	11/03/2023	12/03/2023	13/03/2023	14/03/2023
Rainfall(mm)	1	0	0	0	0
T-Max(°C)	32	34	36	37	37
T-Min(°C)	21	22	22	22	22
Cloud Cover(octa)	5	1	0	2	3
RH Max (%)	71	56	53	57	77
RH Min (%)	20	18	12	11	11
Wind Speed (Kmph)	8	9	10	14	16
Wind Direction (deg)	293	161	180	198	201

**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. There may be chances of infestation of Anthracnose and Cercospora leaf spot in Pulses due to humid weather. To manage these spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre in 200 ltr 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 liter water.

**Vegetables:**

Due to past 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. There are chances of purple blotch and Stemphylium blight disease incidence in onion crop. To manage purple blotch and Stemphylium leaf blight disease in onion spray Mancozeb 75% WP @ 600gram/acre or Difenoconazole 25% E.C @ 200ml/acre by mixing in 200 litre of water at 15 days interval.

**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:**

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

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

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



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**Bulletin No.-381**  
**Date- 10/03/2023**

**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 35.4°C (+1 from normal) and 21.7°C (+1.5 from normal), respectively. The mean relative humidity was 46-70%.

**Forecasted period: Today(8.30IST) to 15<sup>th</sup> March(8.30IST)2023**

**Weather advisory: Very light rainfall/Thundershower is forecasted on Today and Dry weather is forecasted for next 4 days in the block.**

The day temperature will be 32-35°C and night temperature will be 22-23°C for upcoming 5 days. Maximum and minimum relative humidity will be 62-82% and 12-22% respectively. There will be clear to partly cloudy sky for next 5 days.

Block	Baranga (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	10/03/2023	11/03/2023	12/03/2023	13/03/2023	14/03/2023
Rainfall(mm)	1	0	0	0	0
T-Max(°C)	32	34	35	35	35
T-Min(°C)	22	23	23	23	23
Cloud Cover	5	1	0	2	2
RH Max (%)	69	62	64	72	82
RH Min (%)	22	18	14	12	12
Wind Speed (Kmph)	9	11	11	14	18
Wind Direction (deg)	293	135	243	193	201

**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. There may be chances of infestation of Anthracnose and Cercospora leaf spot in Pulses due to humid weather. To manage these spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre in 200 ltr 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 ltr water.

**Vegetables:**

Due to past 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. There are chances of purple blotch and Stemphylium blight disease incidence in onion crop. To manage purple blotch and Stemphylium leaf blight disease in onion spray Mancozeb 75% WP @ 600gram/acre or Difenoconazole 25% E.C @ 200ml/acre by mixing in 200 litre of water at 15 days interval.

**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:**

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

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

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



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**Bulletin No.-381**  
**Date- 10/03/2023**

**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 35.4°C (+1 from normal) and 21.7°C (+1.5 from normal), respectively. The mean relative humidity was 46-70%.

**Forecasted period: Today(8.30IST) to 15<sup>th</sup> March(8.30IST)2023**

**Weather advisory:** *Very light rainfall/Thundershower is forecasted on Today and Dry weather is forecasted for next 4 days in the block.*

The day temperature will be 32-35°C and night temperature will be 22-23°C for upcoming 5 days. Maximum and minimum relative humidity will be 61-85% and 11-22% respectively. There will be clear to partly cloudy sky for next 5 days.

Block	Cuttack sadar (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	10/03/2023	11/03/2023	12/03/2023	13/03/2023	14/03/2023
Rainfall(mm)	2	0	0	0	0
T-Max(°C)	32	34	34	35	34
T-Min(°C)	23	23	23	22	23
Cloud Cover(octa)	5	1	0	2	2
RH Max (%)	67	61	61	70	85
RH Min (%)	22	18	14	12	11
Wind Speed (Kmph)	9	10	11	14	17
Wind Direction (deg)	293	135	243	180	201

**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. There may be chances of infestation of **Anthraxnose** and **Cercopsa leaf spot** in Pulses due to humid weather. To manage these spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre in 200 ltr 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 ltr water.

**Vegetables:**

**Due to past 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.** There are chances of **purple blotch** and **Stemphyllium blight** disease incidence in onion crop. To manage purple blotch and Stemphyllium leaf blight disease in onion spray Mancozeb 75% WP @ 600gram/acre or Difenoconazole 25% E.C @ 200ml/acre by mixing in 200 litre of water at 15 days interval.

**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:**

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

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

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



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**Bulletin No.-381**  
**Date- 10/03/2023**

**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 35.4°C (+1 from normal) and 21.7°C (+1.5 from normal), respectively. The mean relative humidity was 46-70%.

**Forecasted period: Today(8.30IST) to 15<sup>th</sup> March(8.30IST)2023**

**Weather advisory:** Very light rainfall/Thundershower is forecasted on Today and Dry weather is forecasted for next 4 days in the block. The day temperature will be 33-35°C and night temperature will be 23-24°C for upcoming 5 days. Maximum and minimum relative humidity will be 63-80% and 14-24% respectively. There will be clear to partly cloudy sky for next 5 days.

Block	Kantapada (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	10/03/2023	11/03/2023	12/03/2023	13/03/2023	14/03/2023
Rainfall(mm)	1	0	0	0	0
T-Max(°C)	33	34	35	35	34
T-Min(°C)	23	23	23	23	24
Cloud Cover(octa)	6	0	0	2	2
RH Max (%)	68	63	67	75	80
RH Min (%)	24	20	16	14	14
Wind Speed (Kmph)	9	11	11	15	19
Wind Direction (deg)	293	135	243	193	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. There may be chances of infestation of Anthracnose and Cercospora leaf spot in Pulses due to humid weather. To manage these spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre in 200 ltr 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 liter water.

**Vegetables:**

Due to past 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. There are chances of purple blotch and Stemphylium blight disease incidence in onion crop. To manage purple blotch and Stemphylium leaf blight disease in onion spray Mancozeb 75% WP @ 600gram/acre or Difenoconazole 25% E.C @ 200ml/acre by mixing in 200 litre of water at 15 days interval.

**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:**

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

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

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**(Nodal officer)**



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**Bulletin No.-381**  
**Date- 10/03/2023**

**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 35.4°C (+1 from normal) and 21.7°C (+1.5 from normal), respectively. The mean relative humidity was 46-70%.

**Forecasted period: Today(8.30IST) to 15<sup>th</sup> March(8.30IST)2023**

**Weather advisory:** Very light rainfall/Thundershower is forecasted on Today and Tomorrow and Dry weather is forecasted for next 3 days in the block. The day temperature will be and it will be 33-35°C and night temperature will be 22-23°C for upcoming 5 days. Maximum and minimum relative humidity will be 60-87% and 14-25% respectively. There will be clear to partly cloudy sky for next 5 days.

Block	Mahanga (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	10/03/2023	11/03/2023	12/03/2023	13/03/2023	14/03/2023
Rainfall(mm)	2	1	0	0	0
T-Max(°C)	33	34	35	35	35
T-Min(°C)	23	23	22	22	23
Cloud Cover(octal)	6	1	0	2	3
RH Max (%)	60	60	61	74	87
RH Min (%)	25	20	16	15	14
Wind Speed (Kmph)	9	10	11	13	17
Wind Direction (deg)	297	158	225	203	201

**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. There may be chances of infestation of Anthracnose and Cercospora leaf spot in Pulses due to humid weather. To manage these spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre in 200 ltr 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 ltr water.

**Vegetables:**

Due to past 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. There are chances of purple blotch and Stemphylium blight disease incidence in onion crop. To manage purple blotch and Stemphylium leaf blight disease in onion spray Mancozeb 75% WP @ 600gram/acre or Difenoconazole 25% E.C @ 200ml/acre by mixing in 200 litre of water at 15 days interval.

**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:**

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

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

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



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**Bulletin No.-381**  
**Date- 10/03/2023**

**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 35.4°C (+1 from normal) and 21.7°C (+1.5 from normal), respectively. The mean relative humidity was 46-70%.

**Forecasted period: Today(8.30IST) to 15<sup>th</sup> March(8.30IST)2023**

**Weather advisory: Very light rainfall/Thundershower is forecasted on Today and Tomorrow and Dry weather is forecasted for next 3 days in the block.** The day temperature will be 32-38°C and night temperature will be 20-21°C for upcoming 5 days. Maximum and minimum relative humidity will be 39-68% and 09-20% respectively. **There will be clear to partly cloudy sky for next 5 days.**

Block	Narasinghpur (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	10/03/2023	11/03/2023	12/03/2023	13/03/2023	14/03/2023
Rainfall(mm)	2	1	0	0	0
T-Max(°C)	32	35	37	38	38
T-Min(°C)	20	20	21	20	20
Cloud Cover(/octa)	3	2	0	3	5
RH Max (%)	62	43	39	39	68
RH Min (%)	20	18	11	11	9
Wind Speed (Kmph)	6	6	6	9	9
Wind Direction (deg)	117	135	165	203	193

**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. There may be chances of infestation of **Anthraxnose and Cercopsera leaf spot** in Pulses due to humid weather. To manage these spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre in 200 ltr 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 liter water.

**Vegetables:**

**Due to past 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.** There are chances of **purple blotch and Stemphylium blight** disease incidence in onion crop. To manage purple blotch and Stemphylium leaf blight disease in onion spray Mancozeb 75% WP @ 600gram/acre or Difenoconazole 25% E.C @ 200ml/acre by mixing in 200 litre of water at 15 days interval.

**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:**

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

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

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



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**Bulletin No.-381**  
**Date- 10/03/2023**

**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 35.4°C (+1 from normal) and 21.7°C (+1.5 from normal), respectively. The mean relative humidity was 46-70%.

**Forecasted period: Today(8.30IST) to 15<sup>th</sup> March(8.30IST)2023**

**Weather advisory:** *Very light rainfall/Thundershower is forecasted on Today and Dry weather is forecasted for next 4days in the block.*

The day temperature will be 34-35°C and night temperature will be 23-24°C for upcoming 5 days. Maximum and minimum relative humidity will be 66-79% and 15-24% respectively. There will be clear to partly cloudy sky for next 5days.

Block	Niali (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	10/03/2023	11/03/2023	12/03/2023	13/03/2023	14/03/2023
Rainfall(mm)	1	0	0	0	0
T-Max(°C)	34	34	35	35	34
T-Min(°C)	23	23	23	24	24
Cloud Cover(octa)	6	0	0	2	2
RH Max (%)	70	66	70	75	79
RH Min (%)	24	21	18	15	17
Wind Speed(Kmph)	10	11	12	15	19
Wind Direction(deg)	293	158	158	198	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. There may be chances of infestation of **Anthracoze and Cercopsere leaf spot** in Pulses due to humid weather. To manage these spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre in 200 ltr 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 liter water.

**Vegetables:**

**Due to past 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.** There are chances of **purple blotch and Stemphylium blight** disease incidence in onion crop. To manage purple blotch and Stemphylium leaf blight disease in onion spray Mancozeb 75% WP @ 600gram/acre or Difenconazole 25% E.C @ 200ml/acre by mixing in 200 litre of water at 15 days interval.

**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:**

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

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

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



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**Bulletin No.-381**  
**Date- 10/03/2023**

**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 35.4°C (+1 from normal) and 21.7°C (+1.5 from normal), respectively. The mean relative humidity was 46-70%.

**Forecasted period: Today(8.30IST) to 15<sup>th</sup> March(8.30IST)2023**

**Weatheradvisory:** *Very light rainfall/Thundershower is forecasted on Today and Tomorrow and Dry weather is forecasted for next 3days in the block.* The day temperature will be 33-35°C and night temperature will be 22-23°C for upcoming 5 days. Maximum and minimum relative humidity will be 60-86% and 15-25% respectively. There will be clear to partly cloudy sky for next 5days.

Block	Nischintakoili (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	10/03/2023	11/03/2023	12/03/2023	13/03/2023	14/03/2023
Rainfall(mm)	1	1	0	0	0
T-Max(°C)	33	34	35	35	35
T-Min(°C)	23	23	23	22	23
Cloud Cover(octa)	6	1	0	2	3
RH Max (%)	62	60	63	76	86
RH Min (%)	25	20	17	15	15
Wind Speed (Kmph)	9	11	11	14	17
Wind Direction (deg)	297	158	236	199	201

**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. There may be chances of infestation of Anthracnose and Cercospora leaf spot in Pulses due to humid weather. To manage these spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre in 200 ltr 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 ltr water.

**Vegetables:**

Due to past 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. There are chances of purple blotch and Stemphylium blight disease incidence in onion crop. To manage purple blotch and Stemphylium leaf blight disease in onion spray Mancozeb 75% WP @ 600gram/acre or Difenoconazole 25% E.C @ 200ml/acre by mixing in 200 litre of water at 15 days interval.

**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:**

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

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

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**(Nodal officer)**



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**Bulletin No.-381**  
**Date- 10/03/2023**

**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 35.4°C (+1 from normal) and 21.7°C (+1.5 from normal), respectively. The mean relative humidity was 46-70%.

**Forecasted period: Today(8.30IST) to 15<sup>th</sup> March(8.30IST)2023**

**Weather advisory:** *Very light rainfall/Thundershower is forecasted on Today and Dry weather is forecasted for next 4days in the block.* The day temperature will be 33-35°C and night temperature will be 22-23°C for upcoming 5 days. Maximum and minimum relative humidity will be 61-86% and 14-25% respectively. There will be clear to partly cloudy sky for next 5days.

Block	Salepur (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	10/03/2023	11/03/2023	12/03/2023	13/03/2023	14/03/2023
Rainfall(mm)	1	0	0	0	0
T-Max(°C)	33	34	34	35	35
T-Min(°C)	23	23	23	22	23
Cloud Cover(octa)	6	1	0	2	3
RH Max (%)	62	61	63	75	86
RH Min (%)	25	20	16	15	14
Wind Speed (Kmph)	9	11	11	14	17
Wind Direction (deg)	297	158	243	199	201

**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. There may be chances of infestation of **Anthracoze and Cercopsera leaf spot** in Pulses due to humid weather. To manage these spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre in 200 ltr 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 liter water.

**Vegetables:**

**Due to past 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.** There are chances of **purple blotch and Stemphylium blight** disease incidence in onion crop. To manage purple blotch and Stemphylium leaf blight disease in onion spray Mancozeb 75% WP @ 600gram/acre or Difenoconazole 25% E.C @ 200ml/acre by mixing in 200 litre of water at 15 days interval.

**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:**

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

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

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**(Nodal officer)**



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**Bulletin No.-381**  
**Date- 10/03/2023**

**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 35.4°C (+1 from normal) and 21.7°C (+1.5 from normal), respectively. The mean relative humidity was 46-70%.

**Forecasted period: Today(8.30IST) to 15<sup>th</sup> March(8.30IST)2023**

**Weather advisory:** Very light rainfall/Thundershower is forecasted on Today and Tomorrow and Dry weather is forecasted for next 3 days in the block. The day temperature will be 35-36°C and night temperature will be 23-25°C for upcoming 5 days. Maximum and minimum relative humidity will be 63-81% and 22-28% respectively. There will be clear to partly cloudy sky for next 5 days.

Block	Tangi-Choudwar (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	10/03/2023	11/03/2023	12/03/2023	13/03/2023	14/03/2023
Rainfall(mm)	2	1	0	0	0
T-Max(°C)	35	36	36	36	35
T-Min(°C)	24	23	24	24	25
Cloud Cover(octa)	7	0	0	1	3
RH Max (%)	63	63	68	74	81
RH Min (%)	28	28	26	22	27
Wind Speed (Kmph)	12	11	13	16	21
Wind Direction (deg)	113	120	162	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. There may be chances of infestation of Anthracnose and Cercopsera leaf spot in Pulses due to humid weather. To manage these spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre in 200 ltr 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 past 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. There are chances of purple blotch and Stemphylium blight disease incidence in onion crop. To manage purple blotch and Stemphylium leaf blight disease in onion spray Mancozeb 75% WP @ 600gram/acre or Difenoconazole 25% E.C @ 200ml/acre by mixing in 200 litre of water at 15 days interval.

**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:**

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

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

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



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**Bulletin No.-381**  
**Date- 10/03/2023**

**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 35.4°C (+1 from normal) and 21.7°C (+1.5 from normal), respectively. The mean relative humidity was 46-70%.

**Forecasted period: Today(8.30IST) to 15<sup>th</sup> March(8.30IST)2023**

**Weather advisory:** Very light rainfall/Thundershower is forecasted on Today and Tomorrow and Dry weather is forecasted for next 3 days in the block. The day temperature will be 32-36°C and night temperature will be 21-22°C for upcoming 5 days. Maximum and minimum relative humidity will be 50-78% and 10-19% respectively. There will be clear to partly cloudy sky for next 5 days.

Block	Tigiria (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	10/03/2023	11/03/2023	12/03/2023	13/03/2023	14/03/2023
Rainfall(mm)	2	1	0	0	0
T-Max(°C)	32	34	36	36	36
T-Min(°C)	21	22	22	22	22
Cloud Cover(octa)	5	2	0	2	4
RH Max (%)	69	54	50	54	78
RH Min (%)	19	18	12	11	10
Wind Speed (Kmph)	7	8	8	12	15
Wind Direction (deg)	75	165	135	201	180

**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. There may be chances of infestation of Anthracnose and Cercospora leaf spot in Pulses due to humid weather. To manage these spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre in 200 ltr 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 ltr water.

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

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