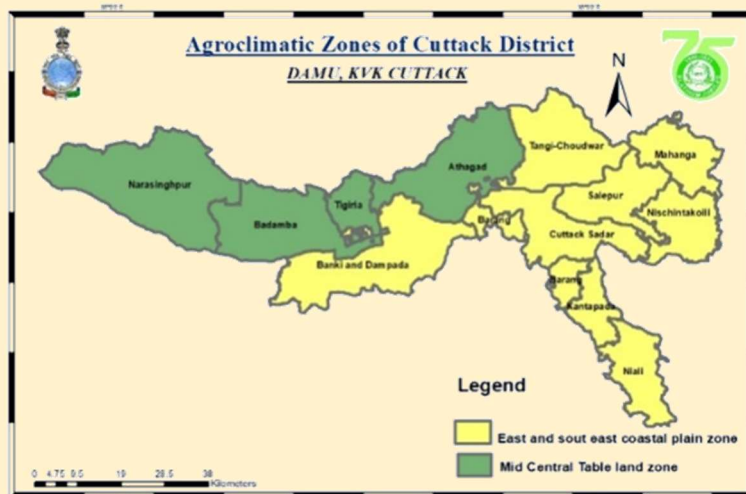




# Cuttack District Block Wise Agro-met Advisory Service Bulletin

*Tuesday, 11<sup>th</sup> April, 2023  
(For the period 11<sup>th</sup> March to 15<sup>th</sup>  
April, 2023)*



*Issued by  
District Agromet Unit,  
KrishiVigyan Kendra Cuttack*



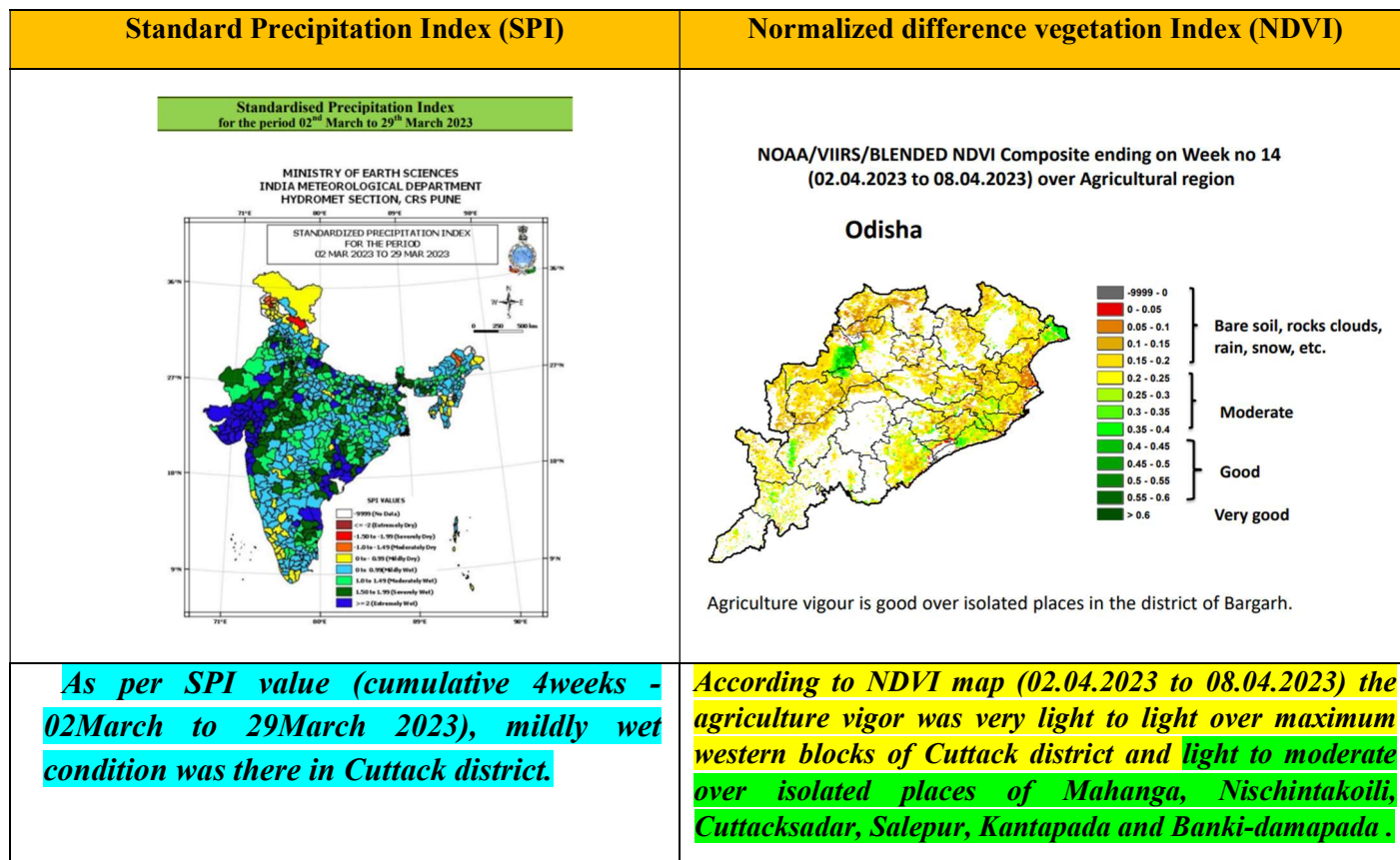


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**Bulletin No.-390**  
**Date- 11/04/2023**

**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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**Bulletin No.-390**  
**Date- 11/04/2023**

Met Sub division	Extended range outlook for subsequent 1 week (6 <sup>th</sup> to 12 <sup>th</sup> days) (16-22 April2023)				
<b>Odisha</b>	<i>Parameter</i>	<i>Actual</i>	<i>Normal</i>	<i>Departure (%)</i>	<i>Category</i>
	Rainfall(mm)	0.46	0.35	34.56	Above Normal
	<i>Parameter</i>	<i>Actual</i>	<i>Normal</i>	<i>Anomaly</i>	<i>Category</i>
	Maximum temperature (°C)	38.29	37.44	0.86	Normal
	Minimum temperature (°C)	24.00	24.31	-0.31	Normal

As per extended range outlook there will be above normal rainfall is forecasted in subsequent week (16-22 April, 2023) after 5 days for Odisha condition. So farmers should complete land preparation and sowing of summer vegetables like cucurbits and crops like Maize in the subsequent week by utilizing the past rain water.

Dr Sujata Sethy  
 (Nodal officer)



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**Bulletin No.-390**  
**Date- 11/04/2023**

**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		Rust
				Wilting
2	Maize	Vegetative		False army worm
				Red hairy cattrpillar
3	Brinjal	Fructing		Fruit and shoot borer
				Phomopsis Blight
				Epilachna Beetle/Hadda beetle
				Cercospera leaf spot
				Helicoverpa catterpillar
4	Tomato	Fruting		Bacterial wilt
5	Okra	Vegetative to fruiting		Yellow vein mosaiv(YMV)

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**(Nodal officer)**



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**Bulletin No.-390**  
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6	Cucurbits	Flowering to Fruiting stage		Red Pumpkin beetle
				Leaf spot
				Late blight
				Stem Rot
				Downy Mildew
				Fruit rot
7	Mango	Fruiting stage		Fruit borer
				Fruit drop
				Bacterial Canker

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



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**Bulletin No.-390**  
**Date- 11/04/2023**

**AGROMET ADVISORY BULLETIN FOR ATHAGAD**

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

The block received average 1 mm and district received average 4mm rainfall during the last week. The mean daily maximum and minimum temperature was 37.14°C (-0.1 from normal) and 24.28°C (+0.76 from normal), respectively. The mean relative humidity was 52-73%.

**Forecasted period: Today(8.30IST) to 16<sup>th</sup> April (8.30IST)2023**

**Weather advisory:** Dry weather is forecasted for upcoming 5days the block. The day temperature will be 39-41°C and night temperature will be 24-25°C for upcoming 5 days. Maximum and minimum relative humidity will be 49-69% and 07-11% respectively. There will be clear sky for next 5days.

Block	Athagad(VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	11/04/2023	12/04/2023	13/04/2023	14/04/2023	15/04/2023
Rainfall (mm)	0	0	0	0	0
T-Max (°C)	39	40	41	41	41
T-Min (°C)	25	25	25	24	24
Cloud Cover (octa)	0	0	0	0	1
RH Max (%)	57	49	55	62	69
RH Min (%)	11	9	7	9	10
Wind Speed (kmph)	11	8	10	12	17
Wind Direction (deg)	161	195	198	191	198

**Crop specific Agro-met Advisory**

**General advisory:** Farmers should harvest the matured crops and vegetables in dry days. Farmers may go for intercultural operations, fertilizer and pesticide application in the upcoming dry days. They should start sowing of summer vegetables by utilizing past rain water. They should provide mulching material or polythene cover to recently planted vegetables seedling to protect from increase in day temperature.

**Pulses:**

**Harvest matured pulses in dry days.** Rust infestation likely to occur in pulses, if observe spray Mancozeb 35.0%SC 3gram/ltr of water. If wilting will be observed after rainfall, then spray Carbendazim 2g/ltr of water to control.

**Summer Maize:**

There may be increase the infestation of Red hairy caterpillar in maize after rainfall, to minimize the infestation farmers may spray Neem oil 5ml/ltr of water or Chlorpyrifos 20 % EC @ 2ml/litre of water. Prolonged dry spell followed by rain may increase the infestation of fall army worm in maize. To control spray emamectin benzoate (5% S.G.) @ 0.4g per litre of water.

**Vegetables:**

**Okra:** To control Yellow Vain Mosaic Virus (YVMV) in Okra apply Neem oil (10000 ppm) @ 20 ml/ 10 liter at dawn or use yellow sticky trap to control this disease.

**Brinjal:**

There are chances of infestation of Epilachna Beetle/Haddabeetle in Brinjal and cucurbits crop; to manage Epilachna Beetle in cucurbits, spray neem-based pesticide (Azadirachtin) 1500 PPM @ 3ml/litre of water at early stage of infestation; to manage Epilachna Beetle chemically, spray Chlorpyrifos 20 % EC @ 2ml/litre of water or Profenophos 50 % EC @ 2ml/litre of water.

**FRUIT AND SHOOT BORER IN BRINJAL:** Spray Neem based pesticide 1500ppm@600ml/acre at initial stages. Later on go for alternate spray of Spinosad 45%SC@70ml/acre and Thiodicarb@250g/acre at 15 days interval. If phomopsis blight will occur in brinjal, then spray zineb75%WP 2gram/litre of water. Cercospora leaf spot may be found after rainfall, if observe, then spray Carbendazim or zineb75%WP 2gram/litre of water. If helicoverpa infestation will be found, spray Flunendiamide or indoxacarb 2ml/litre of water.

**Cucurbits:**

To manage Red Pumpkin Beetle in Cucurbit crops spray Cyantraniliprole 10.26% OD @ 400-ml/acre or Imidacloprid 17.8% SL @ 60-ml/ acre or Chlorpyrifos 20% EC @ 400-ml/acre. Late Blight may happen due to rising day temperature. There are chances of infestation of Downy Mildew in cucurbit vegetables. To manage this disease in cucurbits spray Copper Hydroxide 77 % WP 12 @ 3-gram/litre or Carbendazim 12 % + Mancozeb 63 % WP @ 2-gram/litre.

**Pointed gourd** is at flowering and fruiting stage. Don't go for weeding. The grasses and weeds will help in maintaining the humidity and it is safe for creeping of the vines and does not allow the fruit to come in contact with soil and avoid fruit rot. High temperature leads to fungal wilting in pointed gourd, spray 1.5 ml Carbendazim in 1 litre water. Present weather may aggravate fruit and vine rot (symptoms: leaf spot, leaf blight, stem rot, fruit rot) of pointed gourd. If observe remove damaged fruit and vines from the field and should not be kept in and around the field. Spray alternately Copper Oxichloride 50% WP @ 3 g/litre of water and Metalaxyl 8% + Mancozeb 64% @ 2.5 g/litre of water in clear and dry weather.

**Fruit:**

**Mango:**

**Water stress immediately after fruit set increases fruit dropping in Mango.** Hence, protective irrigation is essential during the fruit development stage. To control fruit drop, spray Borax @2gm per lit. of water and apply Planofix @2ml per 5 lit. of water. For control of mango fruit borer spray Neem oil 3ml + chlorpyrifos 1 ml per litre of water along with stickers at marble stage of the fruit. The sprayings should be preferably carried out during evening hours. To control bacterial canker, three sprays of streptocycline (100 ppm) or Agrimycin-100 (100 ppm) after first visual symptom at 10- days intervals is recommended.

**Animal husbandry:**

Make necessary arrangement for clean and sufficient drinking water for the animals.

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



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**Bulletin No.-390**  
**Date- 11/04/2023**

**AGROMET ADVISORY BULLETIN FOR BADAMBBA**

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

The block received average 1 mm and district received average 4mm rainfall during the last week. The mean daily maximum and minimum temperature was 37.14°C (-0.1 from normal) and 24.28°C (+0.76 from normal), respectively. The mean relative humidity was 52-73%.

**Forecasted period: Today(8.30IST) to 16<sup>th</sup> April (8.30IST)2023**

**Weather advisory:** Dry weather is forecasted for upcoming 5 days the block. The day temperature will be 39-42°C and night temperature will be 24-25°C for upcoming 5 days. Maximum and minimum relative humidity will be 44-58% and 07-11% respectively. There will be clear sky for next 5 days.

Block	Badamba (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	11/04/2023	12/04/2023	13/04/2023	14/04/2023	15/04/2023
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	39	40	42	42	41
T-Min(°C)	24	25	25	24	24
Cloud Cover(octa)	0	0	0	0	2
RH Max (%)	57	44	47	51	58
RH Min (%)	11	9	7	8	10
Wind Speed (Kmph)	9	8	9	10	16
Wind Direction (deg)	153	203	180	180	191

**Crop specific Agro-met Advisory**

**General advisory:** Farmers should harvest the matured crops and vegetables in dry days. Farmers may go for intercultural operations, fertilizer and pesticide application in the upcoming dry days. They should start sowing of summer vegetables by utilizing past rain water. They should provide mulching material or polythene cover to recently planted vegetables seedling to protect from increase in day temperature.

**Pulses:**

**Harvest matured pulses in dry days. Rust infestation** likely to occur in pulses, if observe spray Mancozeb 35.0%SC 3gram/ltr of water. If **wilting** will be observed after rainfall, then spray Carbendazim 2g/ltr of water to control.

**Summer Maize:**

There may be increase the infestation of **Red hairy caterpillar** in maize after rainfall, to minimize the infestation farmers may spray Neem oil 5ml/ltr of water or Chlorpyrifos 20 % EC @ 2ml/litre of water. Prolonged dry spell followed by rain may increase the infestation of **fall army worm in maize**. To control spray emamectin benzoate (5% S.G.) @ 0.4g per litre of water.

**Vegetables:**

**Okra:** To control **Yellow Vain Mosaic Virus (YVMV)** in Okra apply Neem oil (10000 ppm) @ 20 ml/ 10 liter at dawn or use yellow sticky trap to control this disease.

**Brinjal:**

There are chances of infestation of **Epilachna Beetle/Haddabeetle** in Brinjal and cucurbits crop; to manage Epilachna Beetle in cucurbits, spray neem-based pesticide (Azadirachtin) 1500 PPM @ 3ml/litre of water at early stage of infestation; to manage Epilachna Beetle chemically, spray Chlorpyrifos 20 % EC @ 2ml/litre of water or Profenophos 50 % EC @ 2ml/litre of water.

**FRUIT AND SHOOT BORER IN BRINJAL:** Spray Neem based pesticide 1500ppm@600ml/acre at initial stages. Later on go for alternate spray of Spinosad 45%SC@70ml/acre and Thiodicarb@250g/acre at 15 days interval. If **phomopsis blight** will occur in brinjal, then spray zineb 75%WP 2gram/ltr of water. **Cercospora leaf spot** may be found after rainfall, if observe, then spray Carbendazim or zineb 75%WP 2gram/ltr of water. If **helioverpa infestation** will be found, spray Flunendiamide or indoxacarb 2ml/ltr of water.

**Cucurbits:**

To manage **Red Pumpkin Beetle** in Cucurbit crops spray Cyantraniliprole 10.26% OD @ 400-ml/acre or Imidacloprid 17.8% SL @ 60-ml/ acre or Chlorpyrifos 20% EC @ 400-ml/acre. **Late Blight** may happen due to rising day temperature. There are chances of infestation of **Downy Mildew** in cucurbit vegetables. To manage this disease in cucurbits spray Copper Hydroxide 77 % WP 12 @ 3-gram/litre or Carbendazim 12 % + Mancozeb 63 % WP @ 2-gram/litre.

**Pointed gourd** is at flowering and fruiting stage. Don't go for weeding. The grasses and weeds will help in maintaining the humidity and it is safe for creeping of the vines and does not allow the fruit to come in contact with soil and avoid fruit rot. High temperature leads to fungal wilting in pointed gourd, spray 1.5 ml Carbendazim in 1 litre water. Present weather may aggravate fruit and vine rot (symptoms: **leaf spot, leaf blight, stem rot, fruit rot**) of pointed gourd. If observe remove damaged fruit and vines from the field and should not be kept in and around the field. Spray alternately Copper Oxychloride 50% WP @ 3 g/litre of water and Metalaxyl 8% + Mancozeb 64% @ 2.5 g/litre of water in clear and dry weather.

**Fruit:**

**Mango:**

**Water stress immediately after fruit set increases fruit dropping in Mango.** Hence, protective irrigation is essential during the fruit development stage. To control **fruit drop**, spray Borax @ 2gm per lit. of water and apply Planofix @ 2ml per 5 lit. of water. For control of mango **fruit borer** spray Neem oil 3ml + chlorpyrifos 1 ml per litre of water along with stickers at marble stage of the fruit. The sprayings should be preferably carried out during evening hours. To control **bacterial canker**, three sprays of streptocycline (100 ppm) or Agrimycin-100 (100 ppm) after first visual symptom at 10- days intervals is recommended.

**Animal husbandry:**

Make necessary arrangement for clean and sufficient drinking water for the animals.

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



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**Bulletin No.-390**  
**Date- 11/04/2023**

**AGROMET ADVISORY BULLETIN FOR BANKI**

**District Past week average weather condition**

The district received average 4mm rainfall during the last week. The mean daily maximum and minimum temperature was 37.14°C (-0.1 from normal) and 24.28°C (+0.76 from normal), respectively. The mean relative humidity was 52-73%.

**Forecasted period: Today(8.30IST) to 16<sup>th</sup> April (8.30IST)2023**

**Weather advisory:** Dry weather is forecasted for upcoming 5 days the block. The day temperature will be 39-42°C and night temperature will be 24-25°C for upcoming 5 days. Maximum and minimum relative humidity will be 47-66% and 08-11% respectively. There will be clear sky for next 5 days.

Block	Banki (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	11/04/2023	12/04/2023	13/04/2023	14/04/2023	15/04/2023
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	39	40	42	41	41
T-Min(°C)	25	25	25	24	24
Cloud Cover(octa)	0	0	0	0	2
RH Max (%)	57	47	54	59	66
RH Min (%)	11	9	8	9	10
Wind Speed (Kmph)	11	9	10	13	18
Wind Direction (deg)	161	180	191	199	198

**Crop specific Agro-met Advisory**

**General advisory:** Farmers should harvest the matured crops and vegetables in dry days. Farmers may go for intercultural operations, fertilizer and pesticide application in the upcoming dry days. They should start sowing of summer vegetables by utilizing past rain water. They should provide mulching material or polythene cover to recently planted vegetables seedling to protect from increase in day temperature.

**Pulses:**

**Harvest matured pulses in dry days.** Rust infestation likely to occur in pulses, if observe spray Mancozeb 35.0%SC 3gram/ltr of water. If wilting will be observed after rainfall, then spray Carbendazim 2g/ltr of water to control.

**Summer Maize:**

There may be increase the infestation of Red hairy caterpillar in maize after rainfall, to minimize the infestation farmers may spray Neem oil 5ml/ltr of water or Chlorpyrifos 20 % EC @ 2ml/litre of water. Prolonged dry spell followed by rain may increase the infestation of fall army worm in maize. To control spray emamectin benzoate (5% S.G.) @ 0.4g per litre of water.

**Vegetables:**

**Okra:** To control Yellow Vain Mosaic Virus (YVMV) in Okra apply Neem oil (10000 ppm) @ 20 ml/ 10 liter at dawn or use yellow sticky trap to control this disease.

**Brinjal:**

There are chances of infestation of Epilachna Beetle/Haddabeetle in Brinjal and cucurbits crop; to manage Epilachna Beetle in cucurbits, spray neem-based pesticide (Azadirachtin) 1500 PPM @ 3ml/litre of water at early stage of infestation; to manage Epilachna Beetle chemically, spray Chlorpyrifos 20 % EC @ 2ml/litre of water or Profenophos 50 % EC @ 2ml/litre of water.

**FRUIT AND SHOOT BORER IN BRINJAL**-Spray Neem based pesticide 1500ppm@600ml/acre at initial stages. Later on go for alternate spray of Spinosad 45%SC@70ml/acre and Thiodicarb@250g/acre at 15 days interval. If phomopsis blight will occur in brinjal, then spray zineb75%WP 2gram/ltr of water. Cercospora leaf spot may be found after rainfall, if observe, then spray Carbendazim or zineb75%WP 2gram/ltr of water. If helicoverpa infestation will be found, spray Flunendiamide or indoxacarb 2ml/ltr of water.

**Cucurbits:**

To manage Red Pumpkin Beetle in Cucurbit crops spray Cyantraniliprole 10.26% OD @ 400-ml/acre or Imidacloprid 17.8% SL @ 60-ml/ acre or Chlorpyrifos 20% EC @ 400-ml/acre. Late Blight may happen due to rising day temperature. There are chances of infestation of Downy Mildew in cucurbit vegetables. To manage this disease in cucurbits spray Copper Hydroxide 77 % WP 12 @ 3-gram/litre or Carbendazim 12 % + Mancozeb 63 % WP @ 2-gram/litre.

**Pointed gourd** is at flowering and fruiting stage. Don't go for weeding. The grasses and weeds will help in maintaining the humidity and it is safe for creeping of the vines and does not allow the fruit to come in contact with soil and avoid fruit rot. High temperature leads to fungal wilting in pointed gourd, spray 1.5 ml Carbendazim in 1 litre water. Present weather may aggravate fruit and vine rot (symptoms: leaf spot, leaf blight, stem rot, fruit rot) of pointed gourd. If observe remove damaged fruit and vines from the field and should not be kept in and around the field. Spray alternately Copper Oxychloride 50% WP @ 3 g/litre of water and Metalaxyl 8% + Mancozeb 64% @ 2.5 g/litre of water in clear and dry weather.

**Fruit:**

**Mango:**

**Water stress immediately after fruit set increases fruit dropping in Mango.** Hence, protective irrigation is essential during the fruit development stage. To control fruit drop, spray Borax @2gm per lit. of water and apply Planofix @2ml per 5 lit. of water. For control of mango fruit borer spray Neem oil 3ml + chlorpyrifos 1 ml per litre of water along with stickers at marble stage of the fruit. The sprayings should be preferably carried out during evening hours. To control bacterial canker, three sprays of streptomycin (100 ppm) or Agrimycin-100 (100 ppm) after first visual symptom at 10- days intervals is recommended.

**Animal husbandry:**

Make necessary arrangement for clean and sufficient drinking water for the animals.

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



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**Bulletin No.-390**  
**Date- 11/04/2023**

**AGROMET ADVISORY BULLETIN FOR BANKI-DAMPADA**

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

The block received average 7 mm and district received average 4mm rainfall during the last week. The mean daily maximum and minimum temperature was 37.14°C (-0.1 from normal) and 24.28°C (+0.76 from normal), respectively. The mean relative humidity was 52-73%.

**Forecasted period: Today(8.30IST) to 16<sup>th</sup> April (8.30IST)2023**

**Weather Advisory:** Dry weather is forecasted for upcoming 5 days the block. The day temperature will be 39-42°C and night temperature will be 24-25°C for upcoming 5 days. Maximum and minimum relative humidity will be 48-67% and 08-11% respectively. There will be clear sky for next 5 days.

Block	Banki-Dampada (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	11/04/2023	12/04/2023	13/04/2023	14/04/2023	15/04/2023
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	39	40	42	41	41
T-Min(°C)	25	25	25	24	24
Cloud Cover(octa)	0	0	0	0	2
RH Max (%)	58	48	55	61	67
RH Min (%)	11	9	8	10	10
Wind Speed (Kmph)	11	9	10	13	18
Wind Direction (deg)	161	210	199	199	198

**Crop specific Agro-met Advisory**

**General advisory:** Farmers should harvest the matured crops and vegetables in dry days. Farmers may go for intercultural operations, fertilizer and pesticide application in the upcoming dry days. They should start sowing of summer vegetables by utilizing past rain water. They should provide mulching material or polythene cover to recently planted vegetables seedling to protect from increase in day temperature.

**Pulses:**

Harvest matured pulses in dry days. Rust infestation likely to occur in pulses, if observe spray Mancozeb 35.0%SC 3gram/ltr of water. If wilting will be observed after rainfall, then spray Carbendazim 2g/ltr of water to control.

**Summer Maize:**

There may be increase the infestation of Red hairy caterpillar in maize after rainfall, to minimize the infestation farmers may spray Neem oil 5ml/ltr of water or Chlorpyrifos 20 % EC @ 2ml/litre of water. Prolonged dry spell followed by rain may increase the infestation of fall army worm in maize. To control spray emamectin benzoate (5% S.G.) @ 0.4g per litre of water.

**Vegetables:**

**Okra:** To control Yellow Vain Mosaic Virus (YVMV) in Okra apply Neem oil (10000 ppm) @ 20 ml/ 10 liter at dawn or use yellow sticky trap to control this disease.

**Brinjal:**

There are chances of infestation of Epilachna Beetle/Haddabeetle in Brinjal and cucurbits crop; to manage Epilachna Beetle in cucurbits, spray neem-based pesticide (Azadirachtin) 1500 PPM @ 3ml/litre of water at early stage of infestation; to manage Epilachna Beetle chemically, spray Chlorpyrifos 20 % EC @ 2ml/litre of water or Profenophos 50 % EC @ 2ml/litre of water.

**FRUIT AND SHOOT BORER IN BRINJAL:** Spray Neem based pesticide 1500ppm@600ml/acre at initial stages. Later on go for alternate spray of Spinosad 45%SC@70ml/acre and Thiodicarb@250g/acre at 15 days interval. If phomopsis blight will occur in brinjal, then spray zineb75%WP 2gram/ltr of water. Cercospora leaf spot may be found after rainfall, if observe, then spray Carbendazim or zineb75%WP 2gram/ltr of water. If helicoverpa infestation will be found, spray Flunendiamide or indoxacarb 2ml/ltr of water.

**Cucurbits:**

To manage Red Pumpkin Beetle in Cucurbit crops spray Cyantraniliprole 10.26% OD @ 400-ml/acre or Imidacloprid 17.8% SL @ 60-ml/ acre or Chlorpyrifos 20% EC @ 400-ml/acre. Late Blight may happen due to rising day temperature. There are chances of infestation of Downy Mildew in cucurbit vegetables. To manage this disease in cucurbits spray Copper Hydroxide 77 % WP 12 @ 3-gram/litre or Carbendazim 12 % + Mancozeb 63 % WP @ 2-gram/litre.

**Pointed gourd** is at flowering and fruiting stage. Don't go for weeding. The grasses and weeds will help in maintaining the humidity and it is safe for creeping of the vines and does not allow the fruit to come in contact with soil and avoid fruit rot. High temperature leads to fungal wilting in pointed gourd, spray 1.5 ml Carbendazim in 1 litre water. Present weather may aggravate fruit and vine rot (symptoms: leaf spot, leaf blight, stem rot, fruit rot) of pointed gourd. If observe remove damaged fruit and vines from the field and should not be kept in and around the field. Spray alternately Copper Oxychloride 50% WP @ 3 g/litre of water and Metalaxyl 8% + Mancozeb 64% @ 2.5 g/litre of water in clear and dry weather.

**Fruit:**

**Mango:**

Water stress immediately after fruit set increases fruit dropping in Mango. Hence, protective irrigation is essential during the fruit development stage. To control fruit drop, spray Borax @2gm per lit. of water and apply Planofix @2ml per 5 lit. of water. For control of mango fruit borer spray Neem oil 3ml + chlorpyrifos 1 ml perlitre of water along with stickers at marble stage of the fruit. The sprayings should be preferably carried out during evening hours. To control bacterial canker, three sprays of streptocycline (100 ppm) or Agrimycin-100 (100 ppm) after first visual symptom at 10- days intervals is recommended.

**Animal husbandry:**

Make necessary arrangement for clean and sufficient drinking water for the animals.

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



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**Bulletin No.-390**  
**Date- 11/04/2023**

**AGROMET ADVISORY BULLETIN FOR BARANGA**

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

The block received average 5 mm and district received average 4mm rainfall during the last week. The mean daily maximum and minimum temperature was 37.14°C (-0.1 from normal) and 24.28°C (+0.76 from normal), respectively. The mean relative humidity was 52-73%.

**Forecasted period: Today(8.30IST) to 16<sup>th</sup> April (8.30IST)2023**

**Weather advisory:** *Dry weather is forecasted for upcoming 5 days the block.* The day temperature will be 38-40°C and night temperature will be 25°C for upcoming 5 days. Maximum and minimum relative humidity will be 61-76% and 09-11% respectively. **There will be clear sky for next 5 days.**

Block	Baranga (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	11/04/2023	12/04/2023	13/04/2023	14/04/2023	15/04/2023
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	38	39	40	39	40
T-Min(°C)	25	25	25	25	25
Cloud Cover	0	0	1	0	2
RH Max (%)	62	61	69	74	76
RH Min (%)	10	9	9	11	11
Wind Speed (Kmph)	13	11	13	16	20
Wind Direction (deg)	203	200	203	203	203

**Crop specific Agro-met Advisory**

**General advisory:** *Farmers should harvest the matured crops and vegetables in dry days. Farmers may go for intercultural operations, fertilizer and pesticide application in the upcoming dry days. They should start sowing of summer vegetables by utilizing past rain water. They should provide mulching material or polythene cover to recently planted vegetables seedling to protect from increase in day temperature.*

**Pulses:**

**Harvest matured pulses in dry days. Rust infestation** likely to occur in pulses, if observe spray Mancozeb 35.0%SC 3gram/ltr of water. If **wilting** will be observed after rainfall, then spray Carbendazim 2g/ltr of water to control.

**Summer Maize:**

There may be increase the infestation of **Red hairy caterpillar** in maize after rainfall, to minimize the infestation farmers may spray Neem oil 5ml/ltr of water or Chlorpyrifos 20 % EC @ 2ml/litre of water. Prolonged dry spell followed by rain may increase the infestation of **fall army worm in maize**. **To control spray emamectin benzoate (5% S.G.) @ 0.4g per litre of water.**

**Vegetables:**

**Okra:** To control **Yellow Vain Mosaic Virus (YVMV)** in Okra apply Neem oil (10000 ppm) @ 20 ml/ 10 liter at dawn or use yellow sticky trap to control this disease.

**Brinjal:**

There are chances of infestation of **Epilachna Beetle/Haddabeetle** in Brinjal and cucurbits crop; to manage Epilachna Beetle in cucurbits, spray neem-based pesticide (Azadirachtin) 1500 PPM @ 3ml/litre of water at early stage of infestation; to manage Epilachna Beetle chemically, spray Chlorpyrifos 20 % EC @ 2ml/litre of water or Profenophos 50 % EC @ 2ml/litre of water.

**FRUIT AND SHOOT BORER IN BRINJAL**-Spray Neem based pesticide 1500ppm@600ml/acre at initial stages. Later on go for alternate spray of Spinosad 45%SC@70ml/acre and Thiodicarb@250g/acre at 15 days interval. If **phomopsis blight** will occur in brinjal, then spray zineb75%WP 2gram/ltr of water. **Cercopspera leaf spot** may be found after rainfall, if observe, then spray Carbendazim or zineb75%WP 2gram/ltr of water. If **helicoverpa infestation** will be found, spray Flunendiamide or indoxacarb 2ml/ltr of water.

**Cucurbits:**

To manage **Red Pumpkin Beetle** in Cucurbit crops spray Cyantraniliprole 10.26% OD @ 400-ml/acre or Imidacloprid 17.8% SL @ 60-ml/ acre or Chlorpyrifos 20% EC @ 400-ml/acre. **Late Blight** may happen due to rising day temperature. There are chances of infestation of **Downy Mildew** in cucurbit vegetables. To manage this disease in cucurbits spray Copper Hydroxide 77 % WP 12 @ 3-gram/litre or Carbendazim 12 % + Mancozeb 63 % WP @ 2-gram/litre.

**Pointed gourd** is at flowering and fruiting stage. Don't go for weeding. The grasses and weeds will help in maintaining the humidity and it is safe for creeping of the vines and does not allow the fruit to come in contact with soil and avoid fruit rot. High temperature leads to fungal wilting in pointed gourd, spray 1.5 ml Carbendazim in 1 litre water. Present weather may aggravate fruit and vine rot (symptoms: **leaf spot, leaf blight, stem rot, fruit rot**) of pointed gourd. If observe remove damaged fruit and vines from the field and should not be kept in and around the field. Spray alternately Copper Oxchloride 50% WP @ 3 g/litre of water and Metalaxyl 8% + Mancozeb 64% @ 2.5 g/litre of water in clear and dry weather.

**Fruit:**

**Mango:**

**Water stress immediately after fruit set increases fruit dropping in Mango.** Hence, protective irrigation is essential during the fruit development stage. To control **fruit drop**, spray Borax @2gm per lit. of water and apply Planofix @2ml per 5 lit. of water. For control of mango **fruit borer** spray Neem oil 3ml + chlorpyrifos 1 ml per litre of water along with stickers at marble stage of the fruit. The sprayings should be preferably carried out during evening hours. To control **bacterial canker**, three sprays of streptomycin (100 ppm) or Agrimycin-100 (100 ppm) after first visual symptom at 10- days intervals is recommended.

**Animal husbandry:**

Make necessary arrangement for clean and sufficient drinking water for the animals.

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



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**Bulletin No.-390**  
**Date- 11/04/2023**

**AGROMET ADVISORY BULLETIN FOR CUTTACK SADAR**

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

The block received average 6 mm and district received average 4mm rainfall during the last week. The mean daily maximum and minimum temperature was 37.14°C (-0.1 from normal) and 24.28°C (+0.76 from normal), respectively. The mean relative humidity was 52-73%.

**Forecasted period: Today(8.30IST) to 16<sup>th</sup> April (8.30IST)2023**

**Weather advisory:** Dry weather is forecasted for upcoming 5 days the block. The day temperature will be 38-40°C and night temperature will be 25-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 56-74% and 08-10% respectively. There will be clear sky for next 5 days.

Block	Cuttack sadar (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	11/04/2023	12/04/2023	13/04/2023	14/04/2023	15/04/2023
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	38	39	40	40	40
T-Min(°C)	26	25	25	25	25
Cloud Cover(octa)	0	0	0	0	2
RH Max (%)	58	56	64	72	74
RH Min (%)	10	9	8	9	10
Wind Speed (Kmph)	13	10	12	15	19
Wind Direction (deg)	203	200	205	203	203

**Crop specific Agro-met Advisory**

**General advisory:** Farmers should harvest the matured crops and vegetables in dry days. Farmers may go for intercultural operations, fertilizer and pesticide application in the upcoming dry days. They should start sowing of summer vegetables by utilizing past rain water. They should provide mulching material or polythene cover to recently planted vegetables seedling to protect from increase in day temperature.

**Pulses:**

**Harvest matured pulses in dry days. Rust infestation** likely to occur in pulses, if observe spray Mancozeb 35.0%SC 3gram/ltr of water. If **wilting** will be observed after rainfall, then spray Carbendazim 2g/ltr of water to control.

**Summer Maize:**

There may be increase the infestation of **Red hairy caterpillar** in maize after rainfall, to minimize the infestation farmers may spray Neem oil 5ml/ltr of water or Chlorpyrifos 20 % EC @ 2ml/litre of water. Prolonged dry spell followed by rain may increase the infestation of **fall army worm in maize**. To control spray emamectin benzoate (5% S.G.) @ 0.4g per litre of water.

**Vegetables:**

**Okra:** To control **Yellow Vain Mosaic Virus (YVMV)** in Okra apply Neem oil (10000 ppm) @ 20 ml/ 10 liter at dawn or use yellow sticky trap to control this disease.

**Brinjal:**

There are chances of infestation of **Epilachna Beetle/Haddabeetle** in Brinjal and cucurbits crop; to manage Epilachna Beetle in cucurbits, spray neem-based pesticide (Azadirachtin) 1500 PPM @ 3ml/litre of water at early stage of infestation; to manage Epilachna Beetle chemically, spray Chlorpyrifos 20 % EC @ 2ml/litre of water or Profenophos 50 % EC @ 2ml/litre of water.

**FRUIT AND SHOOT BORER IN BRINJAL**-Spray Neem based pesticide 1500ppm@600ml/acre at initial stages. Later on go for alternate spray of Spinosad 45%SC@70ml/acre and Thiodicarb@250g/acre at 15 days interval. If **phomopsis blight** will occur in brinjal, then spray zineb75%WP 2gram/ltr of water. **Cercopspera leaf spot** may be found after rainfall, if observe, then spray Carbendazim or zineb75%WP 2gram/ltr of water. If **helicoverpa** infestation will be found, spray Flunendiamide or indoxacarb 2ml/ltr of water.

**Cucurbits:**

To manage **Red Pumpkin Beetle** in Cucurbit crops spray Cyantraniliprole 10.26% OD @ 400-ml/acre or Imidacloprid 17.8% SL @ 60-ml/ acre or Chlorpyrifos 20% EC @ 400-ml/acre. **Late Blight** may happen due to rising day temperature. There are chances of infestation of **Downy Mildew** in cucurbit vegetables. To manage this disease in cucurbits spray Copper Hydroxide 77 % WP 12 @ 3-gram/litre or Carbendazim 12 % + Mancozeb 63 % WP @ 2-gram/litre.

**Pointed gourd** is at flowering and fruiting stage. Don't go for weeding. The grasses and weeds will help in maintaining the humidity and it is safe for creeping of the vines and does not allow the fruit to come in contact with soil and avoid fruit rot. High temperature leads to fungal wilting in pointed gourd, spray 1.5 ml Carbendazim in 1 litre water. Present weather may aggravate fruit and vine rot (symptoms: **leaf spot, leaf blight, stem rot, fruit rot**) of pointed gourd. If observe remove damaged fruit and vines from the field and should not be kept in and around the field. Spray alternately Copper Oxchloride 50% WP @ 3 g/litre of water and Metalaxyl 8% + Mancozeb 64% @ 2.5 g/litre of water in clear and dry weather.

**Fruit:**

**Mango:**

**Water stress immediately after fruit set increases fruit dropping in Mango.** Hence, protective irrigation is essential during the fruit development stage. To control **fruit drop**, spray Borax @2gm per lit. of water and apply Planofix @2ml per 5 lit. of water. For control of mango **fruit borer** spray Neem oil 3ml + chlorpyrifos 1 ml per litre of water along with stickers at marble stage of the fruit. The sprayings should be preferably carried out during evening hours. To control **bacterialcanker**, three sprays of streptocycline (100 ppm) or Agrimycin-100 (100 ppm) after first visual symptom at 10- days intervals is recommended.

**Animal husbandry:**

Make necessary arrangement for clean and sufficient drinking water for the animals.

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



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**Bulletin No.-390**  
**Date- 11/04/2023**

**AGROMET ADVISORY BULLETIN FOR KANTAPADA**

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

The block received average 8 mm and district received average 4mm rainfall during the last week. The mean daily maximum and minimum temperature was 37.14°C (-0.1 from normal) and 24.28°C (+0.76 from normal), respectively. The mean relative humidity was 52-73%.

**Forecasted period: Today(8.30IST) to 16<sup>th</sup> April (8.30IST)2023**

**Weather advisory:** Dry weather is forecasted for upcoming 5 days the block. The day temperature will be 39°C and night temperature will be 25-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 68-78% and 11-15% respectively. There will be clear sky for next 5 days.

Block	Kantapada (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	11/04/2023	12/04/2023	13/04/2023	14/04/2023	15/04/2023
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	39	39	39	39	39
T-Min(°C)	26	25	25	25	26
Cloud Cover(octa)	0	0	1	0	2
RH Max (%)	68	71	76	77	78
RH Min (%)	13	12	11	13	15
Wind Speed (Kmph)	13	12	16	18	22
Wind Direction (deg)	203	201	203	203	203

**Crop specific Agro-met Advisory**

**General advisory:** Farmers should harvest the matured crops and vegetables in dry days. Farmers may go for intercultural operations, fertilizer and pesticide application in the upcoming dry days. They should start sowing of summer vegetables by utilizing past rain water. They should provide mulching material or polythene cover to recently planted vegetables seedling to protect from increase in day temperature.

**Pulses:**

Harvest matured pulses in dry days. Rust infestation likely to occur in pulses, if observe spray Mancozeb 35.0%SC 3gram/ltr of water. If wilting will be observed after rainfall, then spray Carbendazim 2g/ltr of water to control.

**Summer Maize:**

There may be increase the infestation of Red hairy caterpillar in maize after rainfall, to minimize the infestation farmers may spray Neem oil 5ml/ltr of water or Chlorpyrifos 20 % EC @ 2ml/litre of water. Prolonged dry spell followed by rain may increase the infestation of fall army worm in maize. To control spray emamectin benzoate (5% S.G.) @ 0.4g per litre of water.

**Vegetables:**

**Okra:** To control Yellow Vain Mosaic Virus (YVMV) in Okra apply Neem oil (10000 ppm) @ 20 ml/ 10 liter at dawn or use yellow sticky trap to control this disease.

**Brinjal:**

There are chances of infestation of Epilachna Beetle/Haddabeetle in Brinjal and cucurbits crop; to manage Epilachna Beetle in cucurbits, spray neem-based pesticide (Azadirachtin) 1500 PPM @ 3ml/litre of water at early stage of infestation; to manage Epilachna Beetle chemically, spray Chlorpyrifos 20 % EC @ 2ml/litre of water or Profenophos 50 % EC @ 2ml/litre of water.

**FRUIT AND SHOOT BORER IN BRINJAL:** Spray Neem based pesticide 1500ppm@600ml/acre at initial stages. Later on go for alternate spray of Spinosad 45%SC@70ml/acre and Thiodicarb@250g/acre at 15 days interval. If phomopsis blight will occur in brinjal, then spray zineb75%WP 2gram/ltr of water. Cercopspera leaf spot may be found after rainfall, if observe, then spray Carbendazim or zineb75%WP 2gram/ltr of water. If helicoverpa infestation will be found, spray Flunendiamide or indoxacarb 2ml/ltr of water.

**Cucurbits:**

To manage Red Pumpkin Beetle in Cucurbit crops spray Cyantraniliprole 10.26% OD @ 400-ml/acre or Imidacloprid 17.8% SL @ 60-ml/ acre or Chlorpyrifos 20% EC @ 400-ml/acre. Late Blight may happen due to rising day temperature. There are chances of infestation of Downy Mildew in cucurbit vegetables. To manage this disease in cucurbits spray Copper Hydroxide 77 % WP 12 @ 3-gram/litre or Carbendazim 12 % + Mancozeb 63 % WP @ 2-gram/litre.

**Pointed gourd** is at flowering and fruiting stage. Don't go for weeding. The grasses and weeds will help in maintaining the humidity and it is safe for creeping of the vines and does not allow the fruit to come in contact with soil and avoid fruit rot. High temperature leads to fungal wilting in pointed gourd, spray 1.5 ml Carbendazim in 1 litre water. Present weather may aggravate fruit and vine rot (symptoms: leaf spot, leaf blight, stem rot, fruit rot) of pointed gourd. If observe remove damaged fruit and vines from the field and should not be kept in and around the field. Spray alternately Copper Oxychloride 50% WP @ 3 g/litre of water and Metalaxyl 8% + Mancozeb 64% @ 2.5 g/litre of water in clear and dry weather.

**Fruit:**

**Mango:**

Water stress immediately after fruit set increases fruit dropping in Mango. Hence, protective irrigation is essential during the fruit development stage. To control fruit drop, spray Borax @2gm per lit. of water and apply Planofix @2ml per 5 lit. of water. For control of mango fruit borer spray Neem oil 3ml + chlorpyrifos 1 ml per litre of water along with stickers at marble stage of the fruit. The sprayings should be preferably carried out during evening hours. To control bacterial canker, three sprays of streptomycin (100 ppm) or Agrimycin-100 (100 ppm) after first visual symptom at 10- days intervals is recommended.

**Animal husbandry:**

Make necessary arrangement for clean and sufficient drinking water for the animals.

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



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**Bulletin No.-390**  
**Date- 11/04/2023**

**AGROMET ADVISORY BULLETIN FOR MAHANGA**

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

The block received average 5 mm and district received average 4mm rainfall during the last week. The mean daily maximum and minimum temperature was 37.14°C (-0.1 from normal) and 24.28°C (+0.76 from normal), respectively. The mean relative humidity was 52-73%.

**Forecasted period: Today(8.30IST) to 16<sup>th</sup> April (8.30IST)2023**

**Weather advisory:** Dry weather is forecasted for upcoming 5 days the block. The day temperature will be and it will be 38-40°C and night temperature will be 25-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 60-74% and 08-13% respectively. There will be clear sky for next 5 days.

Block	Mahanga (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	11/04/2023	12/04/2023	13/04/2023	14/04/2023	15/04/2023
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	38	39	40	40	40
T-Min(°C)	26	25	25	25	25
Cloud Cover(octal)	0	0	0	1	2
RH Max (%)	60	61	68	74	74
RH Min (%)	13	9	8	10	12
Wind Speed (Kmph)	12	11	14	16	20
Wind Direction (deg)	236	210	203	206	203

**Crop specific Agro-met Advisory**

**General advisory:** Farmers should harvest the matured crops and vegetables in dry days. Farmers may go for intercultural operations, fertilizer and pesticide application in the upcoming dry days. They should start sowing of summer vegetables by utilizing past rain water. They should provide mulching material or polythene cover to recently planted vegetables seedling to protect from increase in day temperature.

**Pulses:**

**Harvest matured pulses in dry days. Rust infestation** likely to occur in pulses, if observe spray Mancozeb 35.0%SC 3gram/ltr of water. If **wilting** will be observed after rainfall, then spray Carbendazim 2g/ltr of water to control.

**Summer Maize:**

There may be increase the infestation of **Red hairy caterpillar** in maize after rainfall, to minimize the infestation farmers may spray Neem oil 5ml/ltr of water or Chlorpyrifos 20 % EC @ 2ml/litre of water. Prolonged dry spell followed by rain may increase the infestation of **fall army worm in maize**. To control spray emamectin benzoate (5% S.G.) @ 0.4g per litre of water.

**Vegetables:**

**Okra:** To control **Yellow Vain Mosaic Virus (YVMV)** in Okra apply Neem oil (10000 ppm) @ 20 ml/ 10 liter at dawn or use yellow sticky trap to control this disease.

**Brinjal:**

There are chances of infestation of **Epilachna Beetle/Haddabeetle** in Brinjal and cucurbits crop; to manage Epilachna Beetle in cucurbits, spray neem-based pesticide (Azadirachtin) 1500 PPM @ 3ml/litre of water at early stage of infestation; to manage Epilachna Beetle chemically, spray Chlorpyrifos 20 % EC @ 2ml/litre of water or Profenophos 50 % EC @ 2ml/litre of water.

**FRUIT AND SHOOT BORER IN BRINJAL:** Spray Neem based pesticide 1500ppm@600ml/acre at initial stages. Later on go for alternate spray of Spinosad 45%SC@70ml/acre and Thiodicarb@250g/acre at 15 days interval. If **phomopsis blight** will occur in brinjal, then spray zineb75%WP 2gram/ltr of water. **Cercospora leaf spot** may be found after rainfall, if observe, then spray Carbendazim or zineb75%WP 2gram/ltr of water. If **helicoverpa** infestation will be found, spray Flunendiamide or indoxacarb 2ml/ltr of water.

**Cucurbits:**

To manage **Red Pumpkin Beetle** in Cucurbit crops spray Cyantraniliprole 10.26% OD @ 400-ml/acre or Imidacloprid 17.8% SL @ 60-ml/ acre or Chlorpyrifos 20% EC @ 400-ml/acre. **Late Blight** may happen due to rising day temperature. There are chances of infestation of **Downy Mildew** in cucurbit vegetables. To manage this disease in cucurbits spray Copper Hydroxide 77 % WP 12 @ 3-gram/litre or Carbendazim 12 % + Mancozeb 63 % WP @ 2-gram/litre.

**Pointed gourd** is at flowering and fruiting stage. Don't go for weeding. The grasses and weeds will help in maintaining the humidity and it is safe for creeping of the vines and does not allow the fruit to come in contact with soil and avoid fruit rot. High temperature leads to fungal wilting in pointed gourd, spray 1.5 ml Carbendazim in 1 litre water. Present weather may aggravate fruit and vine rot (symptoms: **leaf spot, leaf blight, stem rot, fruit rot**) of pointed gourd. If observe remove damaged fruit and vines from the field and should not be kept in and around the field. Spray alternately Copper Oxychloride 50% WP @ 3 g/litre of water and Metalaxyl 8% + Mancozeb 64% @ 2.5 g/litre of water in clear and dry weather.

**Fruit:**

**Mango:**

**Water stress immediately after fruit set increases fruit dropping in Mango.** Hence, protective irrigation is essential during the fruit development stage. To control **fruit drop**, spray Borax @2gm per lit. of water and apply Planofix @2ml per 5 lit. of water. For control of mango **fruit borer** spray Neem oil 3ml + chlorpyrifos 1 ml per litre of water along with stickers at marble stage of the fruit. The sprayings should be preferably carried out during evening hours. To control **bacterial canker**, three sprays of streptomycin (100 ppm) or Agrimycin-100 (100 ppm) after first visual symptom at 10- days intervals is recommended.

**Animal husbandry:**

Make necessary arrangement for clean and sufficient drinking water for the animals.

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



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**(A Unit of ICAR-National Rice Research Institute)**  
**Email: kvkcuttack@gmail.com/damukvkcuttack@gmail.com**



**Bulletin No.-390**  
**Date- 11/04/2023**

**AGROMET ADVISORY BULLETIN FOR NARASINGHPUR**

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

The block received average 3 mm and district received average 4mm rainfall during the last week. The mean daily maximum and minimum temperature was 37.14°C (-0.1 from normal) and 24.28°C (+0.76 from normal), respectively. The mean relative humidity was 52-73%.

**Forecasted period: Today(8.30IST) to 16<sup>th</sup> April (8.30IST)2023**

**Weather advisory:** Dry weather is forecasted for upcoming 5 days the block. The day temperature will be 38-42°C and night temperature will be 23-24°C for upcoming 5 days. Maximum and minimum relative humidity will be 41-56% and 06-09% respectively. There will be clear sky for next 5 days.

Block	Narasinghpur (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	11/04/2023	12/04/2023	13/04/2023	14/04/2023	15/04/2023
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	38	40	42	42	40
T-Min(°C)	23	24	24	24	24
Cloud Cover(octa)	0	0	0	0	3
RH Max (%)	56	41	41	42	50
RH Min (%)	9	9	6	7	9
Wind Speed (Kmph)	8	6	6	8	13
Wind Direction (deg)	334	15	203	191	191

**Crop specific Agro-met Advisory**

**General advisory:** Farmers should harvest the matured crops and vegetables in dry days. Farmers may go for intercultural operations, fertilizer and pesticide application in the upcoming dry days. They should start sowing of summer vegetables by utilizing past rain water. They should provide mulching material or polythene cover to recently planted vegetables seedling to protect from increase in day temperature.

**Pulses:**

**Harvest matured pulses in dry days. Rust infestation** likely to occur in pulses, if observe spray Mancozeb 35.0%SC 3gram/ltr of water. If **wilting** will be observed after rainfall, then spray Carbendazim 2g/ltr of water to control.

**Summer Maize:**

There may be increase the infestation of **Red hairy caterpillar** in maize after rainfall, to minimize the infestation farmers may spray Neem oil 5ml/ltr of water or Chlorpyrifos 20 % EC @ 2ml/litre of water. Prolonged dry spell followed by rain may increase the infestation of **fall army worm in maize**. To control spray emamectin benzoate (5% S.G.) @ 0.4g per litre of water.

**Vegetables:**

**Okra:** To control **Yellow Vain Mosaic Virus (YVMV)** in Okra apply Neem oil (10000 ppm) @ 20 ml/ 10 liter at dawn or use yellow sticky trap to control this disease.

**Brinjal:**

There are chances of infestation of **Epilachna Beetle/Haddabeetle** in Brinjal and cucurbits crop; to manage Epilachna Beetle in cucurbits, spray neem-based pesticide (Azadirachtin) 1500 PPM @ 3ml/litre of water at early stage of infestation; to manage Epilachna Beetle chemically, spray Chlorpyrifos 20 % EC @ 2ml/litre of water or Profenophos 50 % EC @ 2ml/litre of water.

**FRUIT AND SHOOT BORER IN BRINJAL**-Spray Neem based pesticide 1500ppm@600ml/acre at initial stages. Later on go for alternate spray of Spinosad 45%SC@70ml/acre and Thiodicarb@250g/acre at 15 days interval. If **phomopsis blight** will occur in brinjal, then spray zineb75%WP 2gram/ltr of water. **Cercospora leaf spot** may be found after rainfall, if observe, then spray Carbendazim or zineb75%WP 2gram/ltr of water. If **helioverpa** infestation will be found, spray Flunendiamide or indoxacarb 2ml/ltr of water.

**Cucurbits:**

To manage **Red Pumpkin Beetle** in Cucurbit crops spray Cyantraniliprole 10.26% OD @ 400-ml/acre or Imidacloprid 17.8% SL @ 60-ml/ acre or Chlorpyrifos 20% EC @ 400-ml/acre. **Late Blight** may happen due to rising day temperature. There are chances of infestation of **Downy Mildew** in cucurbit vegetables. To manage this disease in cucurbits spray Copper Hydroxide 77 % WP 12 @ 3-gram/litre or Carbendazim 12 % + Mancozeb 63 % WP @ 2-gram/litre.

**Pointed gourd** is at flowering and fruiting stage. Don't go for weeding. The grasses and weeds will help in maintaining the humidity and it is safe for creeping of the vines and does not allow the fruit to come in contact with soil and avoid fruit rot. High temperature leads to fungal wilting in pointed gourd, spray 1.5 ml Carbendazim in 1 litre water. Present weather may aggravate fruit and vine rot (symptoms: **leaf spot, leaf blight, stem rot, fruit rot**) of pointed gourd. If observe remove damaged fruit and vines from the field and should not be kept in and around the field. Spray alternately Copper Oxychloride 50% WP @ 3 g/litre of water and Metalaxyl 8% + Mancozeb 64% @ 2.5 g/litre of water in clear and dry weather.

**Fruit:**

**Mango:**

**Water stress immediately after fruit set increases fruit dropping in Mango.** Hence, protective irrigation is essential during the fruit development stage. To control **fruit drop**, spray Borax @2gm per lit. of water and apply Planofix @2ml per 5 lit. of water. For control of mango **fruit borer** spray Neem oil 3ml + chlorpyrifos 1 ml per litre of water along with stickers at marble stage of the fruit. The sprayings should be preferably carried out during evening hours. To control **bacterial canker**, three sprays of streptocycline (100 ppm) or Agrimycin-100 (100 ppm) after first visual symptom at 10- days intervals is recommended.

**Animal husbandry:**

Make necessary arrangement for clean and sufficient drinking water for the animals.

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



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**Bulletin No.-390**  
**Date- 11/04/2023**

**AGROMET ADVISORY BULLETIN FOR NIALI**

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

The block received average 5 mm and district received average 4mm rainfall during the last week. The mean daily maximum and minimum temperature was 37.14°C (-0.1 from normal) and 24.28°C (+0.76 from normal), respectively. The mean relative humidity was 52-73%.

**Forecasted period: Today(8.30IST) to 16<sup>th</sup> April (8.30IST)2023**

**Weather advisory:** Dry weather is forecasted for upcoming 5 days the block. The day temperature will be 38-39°C and night temperature will be 25-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 73-80% and 14-20% respectively. There will be clear sky for next 5 days.

Block	Niali (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	11/04/2023	12/04/2023	13/04/2023	14/04/2023	15/04/2023
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	39	39	39	39	38
T-Min(°C)	26	25	26	26	26
Cloud Cover(octa)	0	0	0	0	3
RH Max (%)	73	78	80	79	79
RH Min (%)	14	16	14	16	20
Wind Speed(Kmph)	13	14	18	20	23
Wind Direction(deg)	203	204	203	203	203

**Crop specific Agro-met Advisory**

**General advisory:** Farmers should harvest the matured crops and vegetables in dry days. Farmers may go for intercultural operations, fertilizer and pesticide application in the upcoming dry days. They should start sowing of summer vegetables by utilizing past rain water. They should provide mulching material or polythene cover to recently planted vegetables seedling to protect from increase in day temperature.

**Pulses:**

**Harvest matured pulses in dry days. Rust infestation** likely to occur in pulses, if observe spray Mancozeb 35.0%SC 3gram/ltr of water. If **wilting** will be observed after rainfall, then spray Carbendazim 2g/ltr of water to control.

**Summer Maize:**

There may be increase the infestation of **Red hairy caterpillar** in maize after rainfall, to minimize the infestation farmers may spray Neem oil 5ml/ltr of water or Chlorpyrifos 20 % EC @ 2ml/litre of water. Prolonged dry spell followed by rain may increase the infestation of **fall army worm in maize**. To control spray emamectin benzoate (5% S.G.) @ 0.4g per litre of water.

**Vegetables:**

**Okra:** To control **Yellow Vain Mosaic Virus (YVMV)** in Okra apply Neem oil (10000 ppm) @ 20 ml/ 10 liter at dawn or use yellow sticky trap to control this disease.

**Brinjal:**

There are chances of infestation of **Epilachna Beetle/Haddabeetle** in Brinjal and cucurbits crop; to manage Epilachna Beetle in cucurbits, spray neem-based pesticide (Azadirachtin) 1500 PPM @ 3ml/litre of water at early stage of infestation; to manage Epilachna Beetle chemically, spray Chlorpyrifos 20 % EC @ 2ml/litre of water or Profenophos 50 % EC @ 2ml/litre of water.

**FRUIT AND SHOOT BORER IN BRINJAL**-Spray Neem based pesticide 1500ppm@600ml/acre at initial stages. Later on go for alternate spray of Spinosad 45%SC@70ml/acre and Thiodicarb@250g/acre at 15 days interval. If **phomopsis blight** will occur in brinjal, then spray zineb75%WP 2gram/ltr of water. **Cercospora leaf spot** may be found after rainfall, if observe, then spray Carbendazim or zineb75%WP 2gram/ltr of water. If **helicoverpa infestation** will be found, spray Flunendiamide or indoxacarb 2ml/ltr of water.

**Cucurbits:**

To manage **Red Pumpkin Beetle** in Cucurbit crops spray Cyantraniliprole 10.26% OD @ 400-ml/acre or Imidacloprid 17.8% SL @ 60-ml/ acre or Chlorpyrifos 20% EC @ 400-ml/acre. **Late Blight** may happen due to rising day temperature. There are chances of infestation of **Downy Mildew** in cucurbit vegetables. To manage this disease in cucurbits spray Copper Hydroxide 77 % WP 12 @ 3-gram/litre or Carbendazim 12 % + Mancozeb 63 % WP @ 2-gram/litre.

**Pointed gourd** is at flowering and fruiting stage. Don't go for weeding. The grasses and weeds will help in maintaining the humidity and it is safe for creeping of the vines and does not allow the fruit to come in contact with soil and avoid fruit rot. High temperature leads to fungal wilting in pointed gourd, spray 1.5 ml Carbendazim in 1 litre water. Present weather may aggravate fruit and vine rot (symptoms: **leaf spot, leaf blight, stem rot, fruit rot**) of pointed gourd. If observe remove damaged fruit and vines from the field and should not be kept in and around the field. Spray alternately Copper Oxchloride 50% WP @ 3 g/litre of water and Metalaxyl 8% + Mancozeb 64% @ 2.5 g/litre of water in clear and dry weather.

**Fruit:**

**Mango:**

**Water stress immediately after fruit set increases fruit dropping in Mango.** Hence, protective irrigation is essential during the fruit development stage. To control **fruit drop**, spray Borax @2gm per lit. of water and apply Planofix @2ml per 5 lit. of water. For control of mango **fruit borer** spray Neem oil 3ml + chlorpyrifos 1 ml per litre of water along with stickers at marble stage of the fruit. The sprayings should be preferably carried out during evening hours. To control **bacterialcanker**, three sprays of streptomycin (100 ppm) or Agrimycin-100 (100 ppm) after first visual symptom at 10- days intervals is recommended.

**Animal husbandry:** Make necessary arrangement for clean and sufficient drinking water for the animals.

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



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**Bulletin No.-390**  
**Date- 11/04/2023**

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

The block received average 6 mm and district received average 4mm rainfall during the last week. The mean daily maximum and minimum temperature was 37.14°C (-0.1 from normal) and 24.28°C (+0.76 from normal), respectively. The mean relative humidity was 52-73%.

**Forecasted period: Today(8.30IST) to 16<sup>th</sup> April (8.30IST)2023**

**Weather advisory:** Dry weather is forecasted for upcoming 5 days the block. The day temperature will be 38-40°C and night temperature will be 25-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 62-75% and 09-13% respectively. There will be clear sky for next 5 days.

Block	Nischintakoili (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	11/04/2023	12/04/2023	13/04/2023	14/04/2023	15/04/2023
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	38	39	40	39	40
T-Min(°C)	26	25	25	25	26
Cloud Cover(octa)	0	0	1	1	2
RH Max (%)	62	65	71	75	75
RH Min (%)	13	10	9	11	13
Wind Speed (Kmph)	13	12	14	17	21
Wind Direction (deg)	210	203	203	206	203

**Crop specific Agro-met Advisory**

**General advisory:** Farmers should harvest the matured crops and vegetables in dry days. Farmers may go for intercultural operations, fertilizer and pesticide application in the upcoming dry days. They should start sowing of summer vegetables by utilizing past rain water. They should provide mulching material or polythene cover to recently planted vegetables seedling to protect from increase in day temperature.

**Pulses:**

**Harvest matured pulses in dry days. Rust infestation** likely to occur in pulses, if observe spray Mancozeb 35.0%SC 3gram/ltr of water. If **wilting** will be observed after rainfall, then spray Carbendazim 2g/ltr of water to control.

**Summer Maize:**

There may be increase the infestation of **Red hairy caterpillar** in maize after rainfall, to minimize the infestation farmers may spray Neem oil 5ml/ltr of water or Chlorpyrifos 20 % EC @ 2ml/litre of water. Prolonged dry spell followed by rain may increase the infestation of **fall army worm in maize**. To control spray emamectin benzoate (5% S.G.) @ 0.4g per litre of water.

**Vegetables:**

**Okra:** To control **Yellow Vain Mosaic Virus (YVMV)** in Okra apply Neem oil (10000 ppm) @ 20 ml/ 10 liter at dawn or use yellow sticky trap to control this disease.

**Brinjal:**

There are chances of infestation of **Epilachna Beetle/Haddabeetle** in Brinjal and cucurbits crop; to manage Epilachna Beetle in cucurbits, spray neem-based pesticide (Azadirachtin) 1500 PPM @ 3ml/litre of water at early stage of infestation; to manage Epilachna Beetle chemically, spray Chlorpyrifos 20 % EC @ 2ml/litre of water or Profenophos 50 % EC @ 2ml/litre of water.

**FRUIT AND SHOOT BORER IN BRINJAL**-Spray Neem based pesticide 1500ppm@600ml/acre at initial stages. Later on go for alternate spray of Spinosad 45%SC@70ml/acre and Thiodicarb@250g/acre at 15 days interval. If **phomopsis blight** will occur in brinjal, then spray zineb75%WP 2gram/ltr of water. **Cercospora leaf spot** may be found after rainfall, if observe, then spray Carbendazim or zineb75%WP 2gram/ltr of water. If **helicoverpa** infestation will be found, spray Flunendiamide or indoxacarb 2ml/ltr of water.

**Cucurbits:**

To manage **Red Pumpkin Beetle** in Cucurbit crops spray Cyantraniliprole 10.26% OD @ 400-ml/acre or Imidacloprid 17.8% SL @ 60-ml/ acre or Chlorpyrifos 20% EC @ 400-ml/acre. **Late Blight** may happen due to rising day temperature. There are chances of infestation of **Downy Mildew** in cucurbit vegetables. To manage this disease in cucurbits spray Copper Hydroxide 77 % WP 12 @ 3-gram/litre or Carbendazim 12 % + Mancozeb 63 % WP @ 2-gram/litre.

**Pointed gourd** is at flowering and fruiting stage. Don't go for weeding. The grasses and weeds will help in maintaining the humidity and it is safe for creeping of the vines and does not allow the fruit to come in contact with soil and avoid fruit rot. High temperature leads to fungal wilting in pointed gourd, spray 1.5 ml Carbendazim in 1 litre water. Present weather may aggravate fruit and vine rot (symptoms: **leaf spot, leaf blight, stem rot, fruit rot**) of pointed gourd. If observe remove damaged fruit and vines from the field and should not be kept in and around the field. Spray alternately Copper Oxychloride 50% WP @ 3 g/litre of water and Metalaxyl 8% + Mancozeb 64% @ 2.5 g/litre of water in clear and dry weather.

**Fruit:**

**Mango:**

**Water stress immediately after fruit set increases fruit dropping in Mango.** Hence, protective irrigation is essential during the fruit development stage. To control **fruit drop**, spray Borax @2gm per lit. of water and apply Planofix @2ml per 5 lit. of water. For control of mango **fruit borer** spray Neem oil 3ml + chlorpyrifos 1 ml per litre of water along with stickers at marble stage of the fruit. The sprayings should be preferably carried out during evening hours. To control **bacterial canker**, three sprays of streptomycin (100 ppm) or Agrimycin-100 (100 ppm) after first visual symptom at 10- days intervals is recommended.

**Animal husbandry:**

Make necessary arrangement for clean and sufficient drinking water for the animals.

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



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**Bulletin No.-390**  
**Date- 11/04/2023**

**AGROMET ADVISORY BULLETIN FOR SALEPUR**

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

The block received average 5 mm and district received average 4mm rainfall during the last week. The mean daily maximum and minimum temperature was 37.14°C (-0.1 from normal) and 24.28°C (+0.76 from normal), respectively. The mean relative humidity was 52-73%.

**Forecasted period: Today(8.30IST) to 16<sup>th</sup> April (8.30IST)2023**

**Weather advisory:** Dry weather is forecasted for upcoming 5days the block. The day temperature will be 38-40°C and night temperature will be 25-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 61-75% and 09-12% respectively. There will be clear sky for next 5days.

Block	Salepur (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	11/04/2023	12/04/2023	13/04/2023	14/04/2023	15/04/2023
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	38	39	40	39	40
T-Min(°C)	26	25	25	25	26
Cloud Cover(octa)	0	0	1	1	2
RH Max (%)	61	63	70	75	75
RH Min (%)	12	9	9	11	12
Wind Speed (Kmph)	13	11	14	17	21
Wind Direction (deg)	210	203	203	206	203

**Crop specific Agro-met Advisory**

**General advisory:** Farmers should harvest the matured crops and vegetables in dry days. Farmers may go for intercultural operations, fertilizer and pesticide application in the upcoming dry days. They should start sowing of summer vegetables by utilizing past rain water. They should provide mulching material or polythene cover to recently planted vegetables seedling to protect from increase in day temperature.

**Pulses:**

Harvest matured pulses in dry days. Rust infestation likely to occur in pulses, if observe spray Mancozeb 35.0%SC 3gram/ltr of water. If wilting will be observed after rainfall, then spray Carbendazim 2g/ltr of water to control.

**Summer Maize:**

There may be increase the infestation of Red hairy caterpillar in maize after rainfall, to minimize the infestation farmers may spray Neem oil 5ml/ltr of water or Chlorpyrifos 20 % EC @ 2ml/litre of water. Prolonged dry spell followed by rain may increase the infestation of fall army worm in maize. To control spray emamectin benzoate (5% S.G.) @ 0.4g per litre of water.

**Vegetables:**

**Okra:** To control Yellow Vain Mosaic Virus (YVMV) in Okra apply Neem oil (10000 ppm) @ 20 ml/ 10 liter at dawn or use yellow sticky trap to control this disease.

**Brinjal:**

There are chances of infestation of Epilachna Beetle/Haddabeetle in Brinjal and cucurbits crop; to manage Epilachna Beetle in cucurbits, spray neem-based pesticide (Azadirachtin) 1500 PPM @ 3ml/litre of water at early stage of infestation; to manage Epilachna Beetle chemically, spray Chlorpyrifos 20 % EC @ 2ml/litre of water or Profenophos 50 % EC @ 2ml/litre of water.

**FRUIT AND SHOOT BORER IN BRINJAL:** Spray Neem based pesticide 1500ppm@600ml/acre at initial stages. Later on go for alternate spray of Spinosad 45%SC@70ml/acre and Thiodicarb@250g/acre at 15 days interval. If phomopsis blight will occur in brinjal, then spray zineb75%WP 2gram/litr of water. Cercopspera leaf spot may be found after rainfall, if observe, then spray Carbendazim or zineb75%WP 2gram/litr of water. If helicoverpa infestation will be found, spray Flunendiamide or indoxacarb 2ml/litr of water.

**Cucurbits:**

To manage Red Pumpkin Beetle in Cucurbit crops spray Cyantraniliprole 10.26% OD @ 400-ml/acre or Imidacloprid 17.8% SL @ 60-ml/ acre or Chlorpyrifos 20% EC @ 400-ml/acre. Late Blight may happen due to rising day temperature. There are chances of infestation of Downy Mildew in cucurbit vegetables. To manage this disease in cucurbits spray Copper Hydroxide 77 % WP 12 @ 3-gram/litre or Carbendazim 12 % + Mancozeb 63 % WP @ 2-gram/litre.

**Pointed gourd** is at flowering and fruiting stage. Don't go for weeding. The grasses and weeds will help in maintaining the humidity and it is safe for creeping of the vines and does not allow the fruit to come in contact with soil and avoid fruit rot. High temperature leads to fungal wilting in pointed gourd, spray 1.5 ml Carbendazim in 1 litre water. Present weather may aggravate fruit and vine rot (symptoms: leaf spot, leaf blight, stem rot, fruit rot) of pointed gourd. If observe remove damaged fruit and vines from the field and should not be kept in and around the field. Spray alternately Copper Oxychloride 50% WP @ 3 g/litre of water and Metalaxyl 8% + Mancozeb 64% @ 2.5 g/litre of water in clear and dry weather.

**Fruit:**

**Mango:**

Water stress immediately after fruit set increases fruit dropping in Mango. Hence, protective irrigation is essential during the fruit development stage. To control fruit drop, spray Borax @2gm per lit. of water and apply Planofix @2ml per 5 lit. of water. For control of mango fruit borer spray Neem oil 3ml + chlorpyrifos 1 ml per litre of water along with stickers at marble stage of the fruit. The sprayings should be preferably carried out during evening hours. To control bacterial canker, three sprays of streptomycin (100 ppm) or Agrimycin-100 (100 ppm) after first visual symptom at 10- days intervals is recommended.

**Animal husbandry:**

Make necessary arrangement for clean and sufficient drinking water for the animals.

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**(Nodal officer)**



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**Bulletin No.-390**  
**Date- 11/04/2023**

**AGROMET ADVISORY BULLETIN FOR TANGI-CHOUDWAR**

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

The block received average 2 mm and district received average 4mm rainfall during the last week. The mean daily maximum and minimum temperature was 37.14°C (-0.1 from normal) and 24.28°C (+0.76 from normal), respectively. The mean relative humidity was 52-73%.

**Forecasted period: Today(8.30IST) to 16<sup>th</sup> April (8.30IST)2023**

**Weather advisory:** Dry weather is forecasted for upcoming 5 days the block. The day temperature will be 40-41°C and night temperature will be 27-28°C for upcoming 5 days. Maximum and minimum relative humidity will be 74-80% and 23-30% respectively. There will be clear sky for next 5 days.

Block	Tangi-Choudwar (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	11/04/2023	12/04/2023	13/04/2023	14/04/2023	15/04/2023
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	40	40	41	41	40
T-Min(°C)	27	27	28	28	28
Cloud Cover(octa)	0	0	0	0	3
RH Max (%)	74	78	79	80	79
RH Min (%)	24	24	23	24	30
Wind Speed (Kmph)	15	18	21	22	24
Wind Direction (deg)	244	225	225	212	203

**Crop specific Agro-met Advisory**

**General advisory:** Farmers should harvest the matured crops and vegetables in dry days. Farmers may go for intercultural operations, fertilizer and pesticide application in the upcoming dry days. They should start sowing of summer vegetables by utilizing past rain water. They should provide mulching material or polythene cover to recently planted vegetables seedling to protect from increase in day temperature.

**Pulses:**

Harvest matured pulses in dry days. Rust infestation likely to occur in pulses, if observe spray Mancozeb 35.0%SC 3gram/ltr of water. If wilting will be observed after rainfall, then spray Carbendazim 2g/ltr of water to control.

**Summer Maize:**

There may be increase the infestation of Red hairy caterpillar in maize after rainfall, to minimize the infestation farmers may spray Neem oil 5ml/ltr of water or Chlorpyrifos 20 % EC @ 2ml/litre of water. Prolonged dry spell followed by rain may increase the infestation of fall army worm in maize. To control spray emamectin benzoate (5% S.G.) @ 0.4g per litre of water.

**Vegetables:**

**Okra:** To control Yellow Vain Mosaic Virus (YVMV) in Okra apply Neem oil (10000 ppm) @ 20 ml/ 10 liter at dawn or use yellow sticky trap to control this disease.

**Brinjal:**

There are chances of infestation of Epilachna Beetle/Haddabeetle in Brinjal and cucurbits crop; to manage Epilachna Beetle in cucurbits, spray neem-based pesticide (Azadirachtin) 1500 PPM @ 3ml/litre of water at early stage of infestation; to manage Epilachna Beetle chemically, spray Chlorpyrifos 20 % EC @ 2ml/litre of water or Profenophos 50 % EC @ 2ml/litre of water.

**FRUIT AND SHOOT BORER IN BRINJAL:** Spray Neem based pesticide 1500ppm@600ml/acre at initial stages. Later on go for alternate spray of Spinosad 45%SC@70ml/acre and Thiodicarb@250g/acre at 15 days interval. If phomopsis blight will occur in brinjal, then spray zineb75%WP 2gram/ltr of water. Cercopspera leaf spot may be found after rainfall, if observe, then spray Carbendazim or zineb75%WP 2gram/ltr of water. If helicoverpa infestation will be found, spray Flunendiamide or indoxacarb 2ml/ltr of water.

**Cucurbits:**

To manage Red Pumpkin Beetle in Cucurbit crops spray Cyantraniliprole 10.26% OD @ 400-ml/acre or Imidacloprid 17.8% SL @ 60-ml/ acre or Chlorpyrifos 20% EC @ 400-ml/acre. Late Blight may happen due to rising day temperature. There are chances of infestation of Downy Mildew in cucurbit vegetables. To manage this disease in cucurbits spray Copper Hydroxide 77 % WP 12 @ 3-gram/litre or Carbendazim 12 % + Mancozeb 63 % WP @ 2-gram/litre.

**Pointed gourd** is at flowering and fruiting stage. Don't go for weeding. The grasses and weeds will help in maintaining the humidity and it is safe for creeping of the vines and does not allow the fruit to come in contact with soil and avoid fruit rot. High temperature leads to fungal wilting in pointed gourd, spray 1.5 ml Carbendazim in 1 litre water. Present weather may aggravate fruit and vine rot (symptoms: leaf spot, leaf blight, stem rot, fruit rot) of pointed gourd. If observe remove damaged fruit and vines from the field and should not be kept in and around the field. Spray alternately Copper Oxychloride 50% WP @ 3 g/litre of water and Metalaxyl 8% + Mancozeb 64% @ 2.5 g/litre of water in clear and dry weather.

**Fruit:**

**Mango:**

Water stress immediately after fruit set increases fruit dropping in Mango. Hence, protective irrigation is essential during the fruit development stage. To control fruit drop, spray Borax @2gm per lit. of water and apply Planofix @2ml per 5 lit. of water. For control of mango fruit borer spray Neem oil 3ml + chlorpyrifos 1 ml per litre of water along with stickers at marble stage of the fruit. The sprayings should be preferably carried out during evening hours. To control bacterial canker, three sprays of streptomycin (100 ppm) or Agrimycin-100 (100 ppm) after first visual symptom at 10- days intervals is recommended.

**Animal husbandry:**

Make necessary arrangement for clean and sufficient drinking water for the animals.

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



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**GRAMIN KRISHI MAUSAM SEWA**  
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**Bulletin No.-390**  
**Date- 11/04/2023**

**AGROMET ADVISORY BULLETIN FOR TIGIRIA**

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

The block received average 3 mm and district received average 4mm rainfall during the last week. The mean daily maximum and minimum temperature was 37.14°C (-0.1 from normal) and 24.28°C (+0.76 from normal), respectively. The mean relative humidity was 52-73%.

**Forecasted period: Today(8.30IST) to 16<sup>th</sup> April (8.30IST)2023**

**Weather advisory:** *Dry weather is forecasted for upcoming 5 days the block.* The day temperature will be 39-41°C and night temperature will be 24-25°C for upcoming 5 days. Maximum and minimum relative humidity will be 46-63% and 07-11% respectively. **There will be clear sky for next 5 days.**

Block	Tigiria (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	11/04/2023	12/04/2023	13/04/2023	14/04/2023	15/04/2023
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	39	40	41	41	41
T-Min(°C)	25	25	25	24	24
Cloud Cover(octa)	0	0	0	0	2
RH Max (%)	57	46	51	56	63
RH Min (%)	11	9	7	8	10
Wind Speed (Kmph)	9	8	9	11	17
Wind Direction (deg)	158	225	165	191	180

**Crop specific Agro-met Advisory**

**General advisory:** *Farmers should harvest the matured crops and vegetables in dry days. Farmers may go for intercultural operations, fertilizer and pesticide application in the upcoming dry days. They should start sowing of summer vegetables by utilizing past rain water. They should provide mulching material or polythene cover to recently planted vegetables seedling to protect from increase in day temperature.*

**Pulses:**

**Harvest matured pulses in dry days. Rust infestation** likely to occur in pulses, if observe spray Mancozeb 35.0%SC 3gram/ltr of water. If **wilting** will be observed after rainfall, then spray Carbendazim 2g/ltr of water to control.

**Summer Maize:**

There may be increase the infestation of **Red hairy caterpillar** in maize after rainfall, to minimize the infestation farmers may spray Neem oil 5ml/ltr of water or Chlorpyrifos 20 % EC @ 2ml/litre of water. Prolonged dry spell followed by rain may increase the infestation of **fall army worm in maize**. **To control spray emamectin benzoate (5% S.G.) @ 0.4g per litre of water.**

**Vegetables:**

**Okra:** To control **Yellow Vain Mosaic Virus (YVMV)** in Okra apply Neem oil (10000 ppm) @ 20 ml/ 10 liter at dawn or use yellow sticky trap to control this disease.

**Brinjal:**

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

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