



GRAMIN KRISHI MAUSAM SEWA
INDIA METEOROLOGICAL DEPARTMENT
DISTRICT AGROMET UNIT

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



Bulletin No.-392
Date- 18/04/2023

Cuttack District Block Wise Agro-met Advisory Service Bulletin

***Tuesday, 18th April, 2023
(For the period 18th March to 22nd
April, 2023)***

***Issued by
District Agromet Unit,
Krishi Vigyan Kendra Cuttack***

Dr Sujata Sethy
(Nodal officer)



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Debasish Jena
SMS (Agrometeorology)
Contact No-9861445080/7008453427



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STANDARD PRECIPITATION INDEX AND NDVI MAP

Standard Precipitation Index (SPI)	Normalized difference vegetation Index (NDVI)
<p align="center">Standardised Precipitation Index for the period 02nd March to 29th March 2023</p> <p align="center">MINISTRY OF EARTH SCIENCES INDIA METEOROLOGICAL DEPARTMENT HYDROMET SECTION, CRS PUNE</p> <p align="center">STANDARDIZED PRECIPITATION INDEX FOR THE PERIOD 02 MAR 2023 TO 29 MAR 2023</p> <p align="center">SPI VALUES</p> <ul style="list-style-type: none"> -2 to -1 (Extremely Dry) -1 to 0 (Moderately Dry) 0 to 1 (Moderately Wet) 1 to 2 (Extremely Wet) 	<p align="center">NOAA/VIIIRS/BLENDED NDVI Composite ending on Week no 15 (09.04.2023 to 15.04.2023) over Agricultural region</p> <p align="center">Odisha</p> <p align="center">Agriculture vigour is good over isolated pockets in Bargarh and Subrahanpur districts of the state.</p>
<p><i>As per SPI value (cumulative 4weeks - 02March to 29March 2023), mildly wet condition was there in Cuttack district.</i></p>	<p><i>According to NDVI map (02.04.2023 to 08.04.2023) the agriculture vigor was very light to light over isolated places of Athagad, Cuttack sadar, Niali block and light to moderate over other block of Cuttack district.</i></p>

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

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 SMS (Agrometeorology)
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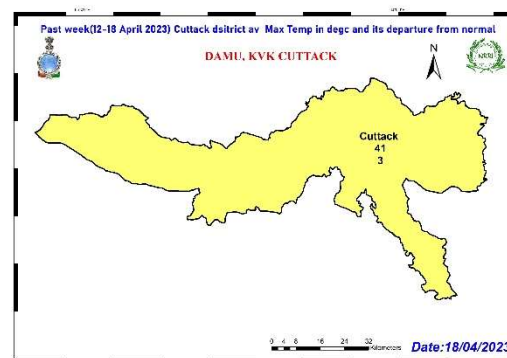
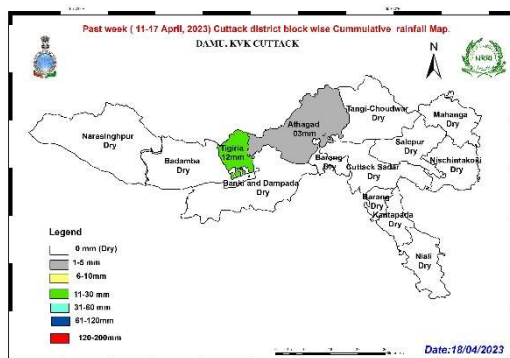


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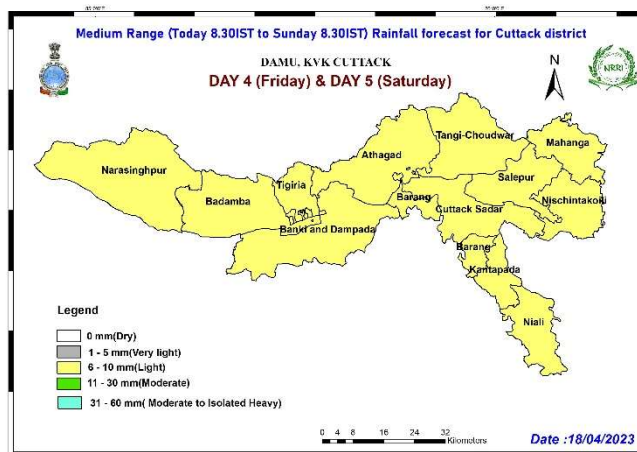
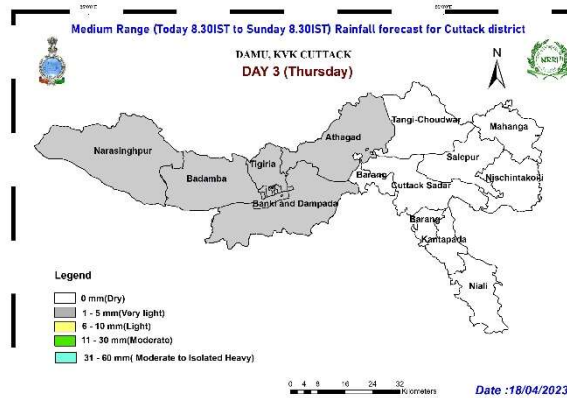
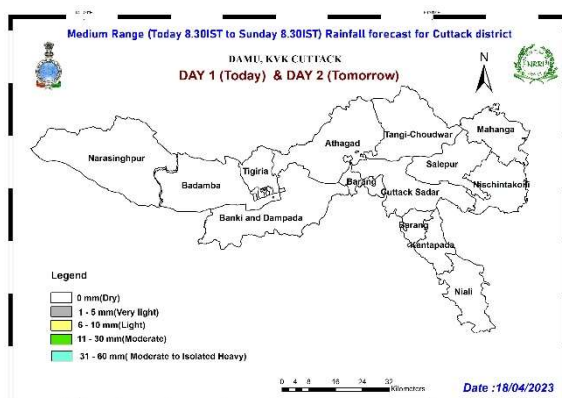


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Past week (11-17 April, 2023) cumulative rainfall (mm) and (12-18 April, 2023) average maximum temperature and its departure from normal for Cuttack district



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



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Met Sub division	Extended range outlook for subsequent 1 week (6 th to 12 th days) (23-29 April 2023)				
Odisha	<i>Parameter</i>	<i>Actual</i>	<i>Normal</i>	<i>Departure (%)</i>	<i>Category</i>
	Rainfall(mm)	0.60	0.29	107.65	Above Normal
	<i>Parameter</i>	<i>Actual</i>	<i>Normal</i>	<i>Anomaly</i>	<i>Category</i>
	Maximum temperature (°C)	36.33	37.79	-1.46	Normal
	Minimum temperature (°C)	22.84	24.67	-1.84	Below Normal

As per extended range outlook there will be above normal rainfall is forecasted in subsequent week (23-29 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. They should stop application of fertilizer, pesticide and irrigation in the subsequent week.

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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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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

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AGROMET ADVISORY BULLETIN FOR ATHAGAD

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

The block received average 0.4 mm and district received average 0.14 mm rainfall during the last week. The mean daily maximum and minimum temperature was 40.7°C (+3.4 from normal) and 26.5°C (+2.4 from normal), respectively. The mean relative humidity was 51-66%.

Forecasted period: Today(8.30IST) to 23rd April (8.30IST)2023

Weather advisory: *Very light to light rainfall/Thundershower is forecasted for Thursday to Saturday and dry weather is forecasted for other 2days in the block.* The day temperature will be 37-42°C and night temperature will be 26-29°C for upcoming 5 days. Maximum and minimum relative humidity will be 40-84% and 09-15% respectively. **There will be clear to partly cloudy sky for next 5days.**

Block	Athagad (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	18/04/2023	19/04/2023	20/04/2023	21/04/2023	22/04/2023
Rainfall (mm)	0	0	2	6	7
T-Max (°C)	42	42	41	40	37
T-Min (°C)	28	26	27	29	27
Cloud Cover (octa)	2	1	2	6	2
RH Max (%)	42	66	80	40	84
RH Min (%)	9	8	9	11	15
Wind Speed (kmph)	13	14	13	13	12
Wind Direction (deg)	208	195	180	207	203

Crop specific Agro-met Advisory

General advisory: *Farmers should harvest the matured crops and vegetables before Thursday. Farmers may go for intercultural operations, fertilizer and pesticide application in the upcoming 2dry days. They should start sowing of summer vegetables by utilizing past and forecasted 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 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.

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AGROMET ADVISORY BULLETIN FOR BADAMBA

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

The block received average 0 mm and district received average 0.14 mm rainfall during the last week. The mean daily maximum and minimum temperature was 40.7°C (+3.4 from normal) and 26.5°C (+2.4 from normal), respectively. The mean relative humidity was 51-66%.

Forecasted period: Today(8.30IST) to 23rd April (8.30IST)2023

Weatheradvisory: *Very light to light rainfall/Thundershower is forecasted for Thursday to Saturday and dry weather is forecasted for other 2days in the block.* The day temperature will be 38-42°C and night temperature will be 25-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 37-74% and 09-14% respectively. **There will be clear to partly cloudy sky for next 5days.**

Block	Badamba(VAID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	18/04/2023	19/04/2023	20/04/2023	21/04/2023	22/04/2023
Rainfall(mm)	0	0	2	6	7
T-Max(°C)	42	42	41	40	38
T-Min(°C)	27	25	27	27	27
Cloud Cover(octa)	2	2	2	6	3
RH Max (%)	37	55	74	41	67
RH Min (%)	9	8	9	12	14
Wind Speed (Kmph)	12	11	12	13	10
Wind Direction (deg)	203	191	158	225	161

Crop specific Agro-met Advisory

General advisory: *Farmers should harvest the matured crops and vegetables before Thursday. Farmers may go for intercultural operations, fertilizer and pesticide application in the upcoming 2dry days. They should start sowing of summer vegetables by utilizing past and forecasted 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 **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.

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AGROMET ADVISORY BULLETIN FOR BANKI

District Past week average weather condition

The district received average 0.14 mm rainfall during the last week. The mean daily maximum and minimum temperature was 40.7°C (+3.4 from normal) and 26.5°C (+2.4 from normal), respectively. The mean relative humidity was 51-66%.

Forecasted period: Today(8.30IST) to 23rd April (8.30IST)2023

Weather advisory: *Very light to light rainfall/Thundershower is forecasted for Thursday to Saturday and dry weather is forecasted for other 2 days in the block.* The day temperature will be 38-42°C and night temperature will be 26-29°C for upcoming 5 days. Maximum and minimum relative humidity will be 41-81% and 09-17% 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	18/04/2023	19/04/2023	20/04/2023	21/04/2023	22/04/2023
Rainfall(mm)	0	0	4	7	6
T-Max(°C)	41	42	41	40	38
T-Min(°C)	27	26	27	29	27
Cloud Cover(octa)	2	1	1	6	2
RH Max (%)	41	63	81	43	80
RH Min (%)	10	9	10	12	17
Wind Speed (Kmph)	14	14	14	13	12
Wind Direction (deg)	205	206	162	225	198

Crop specific Agro-met Advisory

General advisory: *Farmers should harvest the matured crops and vegetables before Thursday. Farmers may go for intercultural operations, fertilizer and pesticide application in the upcoming 2 dry days. They should start sowing of summer vegetables by utilizing past and forecasted rain water. They should provide mulching material or polythene cover to recently planted vegetables seedling to protect from increase in day temperature.*

Pulses:

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Animal husbandry:

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

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



Bulletin No.-392
Date- 18/04/2023

AGROMET ADVISORY BULLETIN FOR BANKI-DAMPADA

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

The block received average 0 mm and district received average 0.14 mm rainfall during the last week. The mean daily maximum and minimum temperature was 40.7°C (+3.4 from normal) and 26.5°C (+2.4 from normal), respectively. The mean relative humidity was 51-66%.

Forecasted period: Today(8.30IST) to 23rd April (8.30IST)2023

Weather Advisory: *Very light to light rainfall/Thundershower is forecasted for Thursday to Saturday and dry weather is forecasted for other 2 days in the block.* The day temperature will be 37-42°C and night temperature will be 26-29°C for upcoming 5 days. Maximum and minimum relative humidity will be 43-82% and 10-18% 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	18/04/2023	19/04/2023	20/04/2023	21/04/2023	22/04/2023
Rainfall(mm)	0	0	5	8	7
T-Max(°C)	41	42	42	40	37
T-Min(°C)	27	26	27	29	27
Cloud Cover(octa)	2	1	1	6	2
RH Max (%)	42	64	82	43	81
RH Min (%)	10	10	10	12	18
Wind Speed (Kmph)	14	15	14	13	12
Wind Direction (deg)	207	206	180	248	198

Crop specific Agro-met Advisory

General advisory: *Farmers should harvest the matured crops and vegetables before Thursday. Farmers may go for intercultural operations, fertilizer and pesticide application in the upcoming 2 dry days. They should start sowing of summer vegetables by utilizing past and forecasted 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 perlite 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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Debasish Jena
SMS (Agrometeorology)
Contact No-9861445080/7008453427



GRAMIN KRISHI MAUSAM SEWA
INDIA METEOROLOGICAL DEPARTMENT
DISTRICT AGROMET UNIT
KRISHI VIGYAN KENDRA CUTTACK
(A Unit of ICAR-National Rice Research Institute)
Email: kvkcuttack@gmail.com/damukvkcuttack@gmail.com



Bulletin No.-392
Date- 18/04/2023

AGROMET ADVISORY BULLETIN FOR BARANGA

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

The block received average 0 mm and district received average 0.14 mm rainfall during the last week. The mean daily maximum and minimum temperature was 40.7°C (+3.4 from normal) and 26.5°C (+2.4 from normal), respectively. The mean relative humidity was 51-66%.

Forecasted period: Today(8.30IST) to 23rd April (8.30IST)2023

Weather advisory: Very light to light rainfall/Thundershower is forecasted for Friday & Saturday and dry weather is forecasted for other 3 days in the block. The day temperature will be 36-40°C and night temperature will be 27-30°C for upcoming 5 days. Maximum and minimum relative humidity will be 38-92% and 16-21% 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	18/04/2023	19/04/2023	20/04/2023	21/04/2023	22/04/2023
Rainfall(mm)	0	0	0	7	6
T-Max(°C)	39	40	40	39	36
T-Min(°C)	27	27	27	30	27
Cloud Cover	2	1	1	6	2
RH Max (%)	51	71	85	38	92
RH Min (%)	11	12	14	13	21
Wind Speed (Kmph)	17	21	17	16	16
Wind Direction (deg)	207	207	207	225	212

Crop specific Agro-met Advisory

General advisory: Farmers should harvest the matured crops and vegetables before Thursday. Farmers may go for intercultural operations, fertilizer and pesticide application in the upcoming 2 dry days. They should start sowing of summer vegetables by utilizing past and forecasted 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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Email: kvkcuttack@gmail.com/damukvkcuttack@gmail.com



Bulletin No.-392
Date- 18/04/2023

AGROMET ADVISORY BULLETIN FOR CUTTACK SADAR

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

The block received average 0 mm and district received average 0.14 mm rainfall during the last week. The mean daily maximum and minimum temperature was 40.7°C (+3.4 from normal) and 26.5°C (+2.4 from normal), respectively. The mean relative humidity was 51-66%.

Forecasted period: Today(8.30IST) to 23rd April (8.30IST)2023

Weather advisory: *Very light to light rainfall/Thundershower is forecasted for Friday & Saturday and dry weather is forecasted for other 3 days in the block.* The day temperature will be 36-41°C and night temperature will be 27-30°C for upcoming 5 days. Maximum and minimum relative humidity will be 39-91% and 09-18% 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	18/04/2023	19/04/2023	20/04/2023	21/04/2023	22/04/2023
Rainfall(mm)	0	0	0	6	6
T-Max(°C)	41	41	40	39	36
T-Min(°C)	28	27	28	30	27
Cloud Cover(octa)	3	1	2	6	2
RH Max (%)	49	69	82	39	91
RH Min (%)	9	9	11	12	18
Wind Speed (Kmph)	15	18	15	15	15
Wind Direction (deg)	205	207	203	225	212

Crop specific Agro-met Advisory

General advisory: Farmers should harvest the matured crops and vegetables before Thursday. Farmers may go for intercultural operations, fertilizer and pesticide application in the upcoming 2 dry days. They should start sowing of summer vegetables by utilizing past and forecasted 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 **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.

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(Nodal officer)



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SMS (Agrometeorology)
Contact No-9861445080/7008453427



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Bulletin No.-392
Date- 18/04/2023

AGROMET ADVISORY BULLETIN FOR KANTAPADA

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

The block received average 0 mm and district received average 0.14 mm rainfall during the last week. The mean daily maximum and minimum temperature was 40.7°C (+3.4 from normal) and 26.5°C (+2.4 from normal), respectively. The mean relative humidity was 51-66%.

Forecasted period: Today(8.30IST) to 23rd April (8.30IST)2023

Weather advisory: Very light to light rainfall/Thundershower is forecasted for Friday & Saturday and dry weather is forecasted for other 3 days in the block. The day temperature will be 36-39°C and night temperature will be 27-30°C for upcoming 5 days. Maximum and minimum relative humidity will be 57-92% and 15-24% 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	18/04/2023	19/04/2023	20/04/2023	21/04/2023	22/04/2023
Rainfall(mm)	0	0	0	8	7
T-Max(°C)	38	39	38	38	36
T-Min(°C)	27	28	27	30	27
Cloud Cover(octa)	1	0	0	5	2
RH Max (%)	57	73	88	42	92
RH Min (%)	15	15	23	16	24
Wind Speed (Kmph)	20	25	19	17	17
Wind Direction (deg)	203	204	205	214	207

Crop specific Agro-met Advisory

General advisory: Farmers should harvest the matured crops and vegetables before Thursday. Farmers may go for intercultural operations, fertilizer and pesticide application in the upcoming 2 dry days. They should start sowing of summer vegetables by utilizing past and forecasted 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 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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Bulletin No.-392
Date- 18/04/2023

AGROMET ADVISORY BULLETIN FOR MAHANGA

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

The block received average 0 mm and district received average 0.14 mm rainfall during the last week. The mean daily maximum and minimum temperature was 40.7°C (+3.4 from normal) and 26.5°C (+2.4 from normal), respectively. The mean relative humidity was 51-66%.

Forecasted period: Today(8.30IST) to 23rd April (8.30IST)2023

Weather advisory: Very light to light rainfall/Thundershower is forecasted for Friday & Saturday and dry weather is forecasted for other 3 days in the block. The day temperature will be and it will be 37-41°C and night temperature will be 27-31°C for upcoming 5 days. Maximum and minimum relative humidity will be 37-89% and 10-19% 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	18/04/2023	19/04/2023	20/04/2023	21/04/2023	22/04/2023
Rainfall(mm)	0	0	0	6	8
T-Max(°C)	40	41	40	38	37
T-Min(°C)	28	28	28	31	27
Cloud Cover(octal)	2	1	2	6	2
RH Max (%)	51	66	81	37	89
RH Min (%)	11	10	15	14	19
Wind Speed (Kmph)	17	21	17	16	17
Wind Direction (deg)	207	207	207	225	225

Crop specific Agro-met Advisory

General advisory: Farmers should harvest the matured crops and vegetables before Thursday. Farmers may go for intercultural operations, fertilizer and pesticide application in the upcoming 2 dry days. They should start sowing of summer vegetables by utilizing past and forecasted 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 **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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Debasish Jena
SMS (Agrometeorology)
Contact No-9861445080/7008453427



GRAMIN KRISHI MAUSAM SEWA
INDIA METEOROLOGICAL DEPARTMENT
DISTRICT AGROMET UNIT
KRISHI VIGYAN KENDRA CUTTACK
(A Unit of ICAR-National Rice Research Institute)
Email: kvkcuttack@gmail.com/damukvkcuttack@gmail.com



Bulletin No.-392
Date- 18/04/2023

AGROMET ADVISORY BULLETIN FOR NARASINGHPUR

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

The block received average 0 mm and district received average 0.14 mm rainfall during the last week. The mean daily maximum and minimum temperature was 40.7°C (+3.4 from normal) and 26.5°C (+2.4 from normal), respectively. The mean relative humidity was 51-66%.

Forecasted period: Today(8.30IST) to 23rd April (8.30IST)2023

Weatheradvisory: *Very light to light rainfall/Thundershower is forecasted for Thursday to Saturday and dry weather is forecasted for other 2days in the block.* The day temperature will be 40-42°C and night temperature will be 24-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 37-70% and 07-13% respectively. **There will be clear to partly cloudy sky for next 5days.**

Block	Narasinghpur (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	18/04/2023	19/04/2023	20/04/2023	21/04/2023	22/04/2023
Rainfall(mm)	0	0	2	6	8
T-Max(°C)	42	40	41	41	40
T-Min(°C)	26	24	26	25	26
Cloud Cover(octa)	3	2	3	6	4
RH Max (%)	37	43	70	46	47
RH Min (%)	8	7	8	13	11
Wind Speed (Kmph)	9	8	9	11	7
Wind Direction (deg)	203	198	158	248	252

Crop specific Agro-met Advisory

General advisory: *Farmers should harvest the matured crops and vegetables before Thursday. Farmers may go for intercultural operations, fertilizer and pesticide application in the upcoming 2dry days. They should start sowing of summer vegetables by utilizing past and forecasted 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 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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Debasish Jena

SMS (Agrometeorology)

Contact No-9861445080/7008453427



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INDIA METEOROLOGICAL DEPARTMENT
DISTRICT AGROMET UNIT
KRISHI VIGYAN KENDRA CUTTACK
(A Unit of ICAR-National Rice Research Institute)
Email: kvkcuttack@gmail.com/damukvkcuttack@gmail.com



Bulletin No.-392
Date- 18/04/2023

AGROMET ADVISORY BULLETIN FOR NIALI

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

The block received average 0 mm and district received average 0.14 mm rainfall during the last week. The mean daily maximum and minimum temperature was 40.7°C (+3.4 from normal) and 26.5°C (+2.4 from normal), respectively. The mean relative humidity was 51-66%.

Forecasted period: Today(8.30IST) to 23rd April (8.30IST)2023

Weather advisory: *Very light to light rainfall/Thundershower is forecasted for Friday & Saturday and dry weather is forecasted for other 3 days in the block.* The day temperature will be 36-39°C and night temperature will be 27-29°C for upcoming 5 days. Maximum and minimum relative humidity will be 61-91% and 18-31% respectively. **There will be clear to partly cloudy sky for next 5 days.**

Block	Niali (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	18/04/2023	19/04/2023	20/04/2023	21/04/2023	22/04/2023
Rainfall(mm)	0	0	0	9	7
T-Max(°C)	38	38	37	39	36
T-Min(°C)	27	28	27	29	27
Cloud Cover(octa)	0	0	0	5	2
RH Max (%)	61	74	90	51	91
RH Min (%)	18	20	31	19	27
Wind Speed(Kmph)	21	27	21	16	18
Wind Direction(deg)	203	203	205	214	203

Crop specific Agro-met Advisory

General advisory: *Farmers should harvest the matured crops and vegetables before Thursday. Farmers may go for intercultural operations, fertilizer and pesticide application in the upcoming 2 dry days. They should start sowing of summer vegetables by utilizing past and forecasted 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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Debasish Jena
SMS (Agrometeorology)
Contact No-9861445080/7008453427



GRAMIN KRISHI MAUSAM SEWA
INDIA METEOROLOGICAL DEPARTMENT
DISTRICT AGROMET UNIT
KRISHI VIGYAN KENDRA CUTTACK
(A Unit of ICAR-National Rice Research Institute)
Email: kvkcuttack@gmail.com/damukvkcuttack@gmail.com



Bulletin No.-392
Date- 18/04/2023

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

The block received average 0 mm and district received average 0.14 mm rainfall during the last week. The mean daily maximum and minimum temperature was 40.7°C (+3.4 from normal) and 26.5°C (+2.4 from normal), respectively. The mean relative humidity was 51-66%.

Forecasted period: Today(8.30IST) to 23rd April (8.30IST)2023

Weather advisory: *Very light to light rainfall/Thundershower is forecasted for Friday & Saturday and dry weather is forecasted for other 3 days in the block.* The day temperature will be 37-40°C and night temperature will be 27-31°C for upcoming 5 days. Maximum and minimum relative humidity will be 37-89% and 12-20% respectively. There will be clear to partly cloudy sky for next 5 days.

Block	Nischintakoili (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	18/04/2023	19/04/2023	20/04/2023	21/04/2023	22/04/2023
Rainfall(mm)	0	0	0	8	8
T-Max(°C)	40	40	39	38	37
T-Min(°C)	28	28	28	31	27
Cloud Cover(octa)	1	1	2	6	2
RH Max (%)	52	68	82	37	89
RH Min (%)	12	12	17	15	20
Wind Speed (Kmph)	19	23	18	16	17
Wind Direction (deg)	207	207	207	248	212

Crop specific Agro-met Advisory

General advisory: Farmers should harvest the matured crops and vegetables before Thursday. Farmers may go for intercultural operations, fertilizer and pesticide application in the upcoming 2 dry days. They should start sowing of summer vegetables by utilizing past and forecasted 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 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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Debasish Jena
SMS (Agrometeorology)
Contact No-9861445080/7008453427



GRAMIN KRISHI MAUSAM SEWA
INDIA METEOROLOGICAL DEPARTMENT
DISTRICT AGROMET UNIT
KRISHI VIGYAN KENDRA CUTTACK
(A Unit of ICAR-National Rice Research Institute)
Email: kvkcuttack@gmail.com/damukvkcuttack@gmail.com



Bulletin No.-392
Date- 18/04/2023

AGROMET ADVISORY BULLETIN FOR SALEPUR

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

The block received average 0 mm and district received average 0.14 mm rainfall during the last week. The mean daily maximum and minimum temperature was 40.7°C (+3.4 from normal) and 26.5°C (+2.4 from normal), respectively. The mean relative humidity was 51-66%.

Forecasted period: Today(8.30IST) to 23rd April (8.30IST)2023

Weather advisory: Very light to light rainfall/Thundershower is forecasted for Friday & Saturday and dry weather is forecasted for other 3 days in the block. The day temperature will be 37-40°C and night temperature will be 27-31°C for upcoming 5 days. Maximum and minimum relative humidity will be 37-90% and 11-20% respectively. There will be clear to partly cloudy sky for next 5 days.

Block	Salepur (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	18/04/2023	19/04/2023	20/04/2023	21/04/2023	22/04/2023
Rainfall(mm)	0	0	0	7	8
T-Max(°C)	40	40	39	38	37
T-Min(°C)	28	28	28	31	27
Cloud Cover(octa)	1	1	2	6	2
RH Max (%)	51	68	82	37	90
RH Min (%)	11	11	16	14	20
Wind Speed (Kmph)	18	22	17	16	17
Wind Direction (deg)	207	207	207	248	212

Crop specific Agro-met Advisory

General advisory: Farmers should harvest the matured crops and vegetables before Thursday. Farmers may go for intercultural operations, fertilizer and pesticide application in the upcoming 2 dry days. They should start sowing of summer vegetables by utilizing past and forecasted 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 **helicoverta** 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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Debasish Jena

SMS (Agrometeorology)

Contact No-9861445080/7008453427



GRAMIN KRISHI MAUSAM SEWA
INDIA METEOROLOGICAL DEPARTMENT
DISTRICT AGROMET UNIT
KRISHI VIGYAN KENDRA CUTTACK
(A Unit of ICAR-National Rice Research Institute)
Email: kvkcuttack@gmail.com/damukvkcuttack@gmail.com



Bulletin No.-392
Date- 18/04/2023

AGROMET ADVISORY BULLETIN FOR TANGI-CHOUDWAR

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

The block received average 0 mm and district received average 0.14 mm rainfall during the last week. The mean daily maximum and minimum temperature was 40.7°C (+3.4 from normal) and 26.5°C (+2.4 from normal), respectively. The mean relative humidity was 51-66%.

Forecasted period: Today(8.30IST) to 23rd April (8.30IST)2023

Weatheradvisory: *Very light to light rainfall/Thundershower is forecasted for Friday & Saturday and dry weather is forecasted for other 3days in the block.* The day temperature will be 39-40°C and night temperature will be 28-30°C for upcoming 5 days. Maximum and minimum relative humidity will be 63-89% and 27-43% respectively. **There will be clear to partly cloudy sky for next 5days.**

Block	Tangi-Choudwar(VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	18/04/2023	19/04/2023	20/04/2023	21/04/2023	22/04/2023
Rainfall(mm)	0	0	0	7	8
T-Max(°C)	40	40	38	40	39
T-Min(°C)	29	29	28	30	29
Cloud Cover(octa)	0	0	1	5	3
RH Max (%)	66	72	89	63	87
RH Min (%)	27	27	43	29	32
Wind Speed (Kmph)	25	29	25	17	23
Wind Direction (deg)	204	203	207	203	203

Crop specific Agro-met Advisory

General advisory: *Farmers should harvest the matured crops and vegetables before Thursday. Farmers may go for intercultural operations, fertilizer and pesticide application in the upcoming 2dry days. They should start sowing of summer vegetables by utilizing past and forecasted 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 **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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advisories in local language and DAMINI
APP for Lightening alert in your area



Debasish Jena
SMS (Agrometeorology)
Contact No-9861445080/7008453427



GRAMIN KRISHI MAUSAM SEWA
INDIA METEOROLOGICAL DEPARTMENT
DISTRICT AGROMET UNIT
KRISHI VIGYAN KENDRA CUTTACK
(A Unit of ICAR-National Rice Research Institute)
Email: kvkcuttack@gmail.com/damukvkcuttack@gmail.com



Bulletin No.-392
Date- 18/04/2023

AGROMET ADVISORY BULLETIN FOR TIGIRIA

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

The block received average 1.7 mm and district received average 0.14 mm rainfall during the last week. The mean daily maximum and minimum temperature was 40.7°C (+3.4 from normal) and 26.5°C (+2.4 from normal), respectively. The mean relative humidity was 51-66%.

Forecasted period: Today(8.30IST) to 23rd April (8.30IST)2023

Weatheradvisory: *Very light to light rainfall/Thundershower is forecasted for Thursday to Saturday and dry weather is forecasted for other 2days in the block.* The day temperature will be 38-42°C and night temperature will be 25-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 39-77% and 08-15% respectively. **There will be clear to partly cloudy sky for next 5days.**

Block	Tigiria (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	18/04/2023	19/04/2023	20/04/2023	21/04/2023	22/04/2023
Rainfall(mm)	0	0	2	6	7
T-Max(°C)	42	42	41	40	38
T-Min(°C)	27	25	27	28	27
Cloud Cover(octa)	2	2	3	6	2
RH Max (%)	39	61	77	40	77
RH Min (%)	8	8	9	12	15
Wind Speed (Kmph)	12	13	13	12	11
Wind Direction (deg)	205	169	158	225	198

Crop specific Agro-met Advisory

General advisory: *Farmers should harvest the matured crops and vegetables before Thursday. Farmers may go for intercultural operations, fertilizer and pesticide application in the upcoming 2dry days. They should start sowing of summer vegetables by utilizing past and forecasted 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.

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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.

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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.

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Fruit:

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Animal husbandry:

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

Dr Sujata Sethy
(Nodal officer)



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SMS (Agrometeorology)

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



Bulletin No.-392
Date- 18/04/2023

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

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

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