



# *Cuttack District Block Wise Agro-met Advisory Service Bulletin*

*Friday 29<sup>th</sup> April, 2022  
(For the period 29<sup>th</sup> April to 3<sup>rd</sup> May, 2022)*



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





# GRAMIN KRISHI MAUSAM SEWA INDIA METEOROLOGICAL DEPARTMENT DISTRICT AGROMET UNIT KRISHI VIGYAN KENDRA CUTTACK

(A Unit of ICAR-National Rice Research Institute)

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Bulletin No.-292

Date- 29/04/2022

**Satellite derived agromet products for week no 16 over Agricultural Regions of Cuttack district  
(16.04.2022 to 22.04.2022)**

Normalized difference vegetation Index (NDVI)	Vegetation Condition Index (VCI)	Temperature Condition Index (TCI)
<p>NOAA/VIIRS/BLENDED NDVI Composite ending on Week no 16 (16.04.2022 to 22.04.2022) over Agricultural region</p> <p>Odisha</p> <p>Agriculture vigour is good over isolated places in Bargarh and Subarnapur districts in the state.</p>		
<p><i>The agriculture vigor was light to moderate over isolated places of Cuttack district and very light over some places of Cuttacksadar, Baranga, Athagad, Tangi, Tigiria, BankiDampara.</i></p>	<p><i>There was stressed vegetation over isolated places of eastern blocks of Cuttack district as compare to previous year's normal NDVI value.</i></p>	<p><i>There was stressed vegetation over isolated places of eastern blocks of Cuttack district due to temperature.</i></p>

Standard Precipitation Index (SPI)
<p>Standardized Precipitation Index for the period 24<sup>th</sup> March 2022 to 20<sup>th</sup> April 2022</p> <p>MINISTRY OF EARTH SCIENCES INDIA METEOROLOGICAL DEPARTMENT HYDROMET SECTION, CRS PUNE</p> <p><b>As per SPI value (cumulative 4weeks -24 March 2022 – 20<sup>th</sup> April 2022), milddry condition was there in Cuttack district.</b></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

Dr Sujata Sethy  
(Nodal officer)



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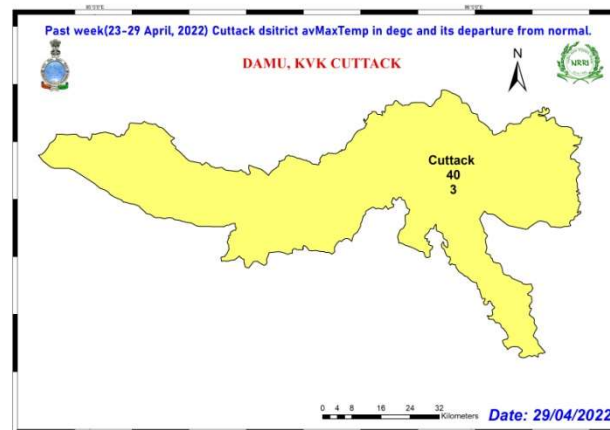
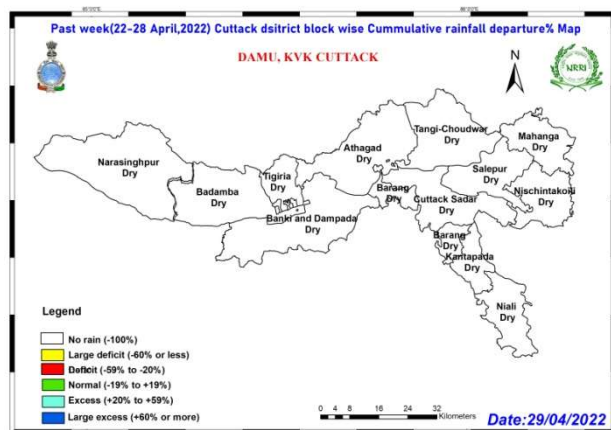


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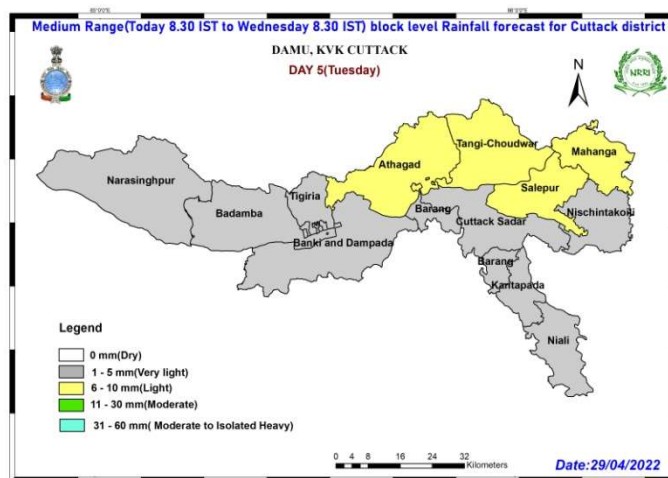
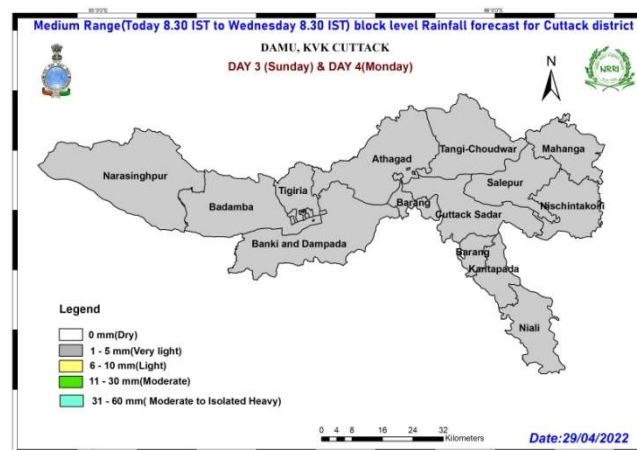
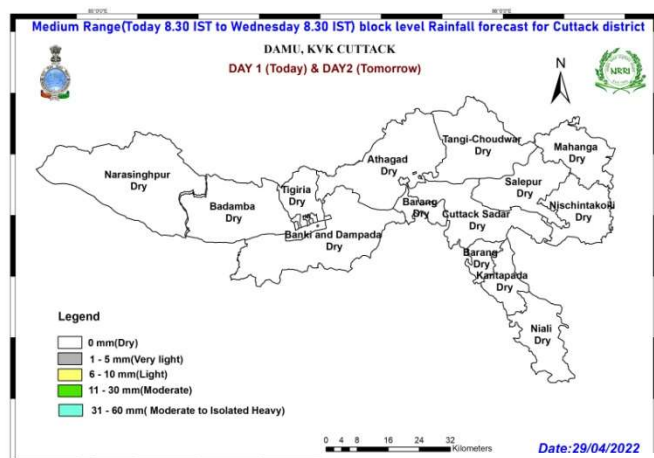


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**Past week (22-28 April, 2022) cumulative rainfall departure% from normal and (23 -29 April) average maximum temperature and its departure from normal for Cuttack district**



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



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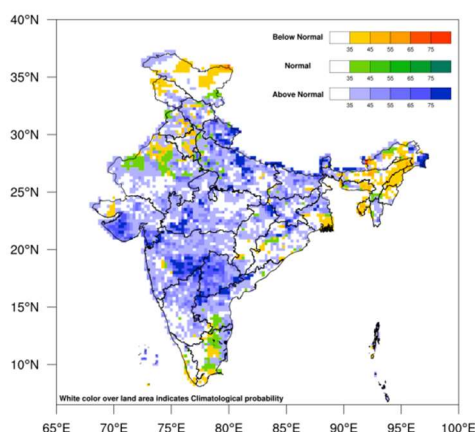
Met Sub division	Extended range outlook for subsequent 1 week (6 <sup>th</sup> to 12 <sup>th</sup> days) (04-10 May 2022)		
Odisha	<i>Parameter</i>	<i>Departure (%)</i>	<i>Category</i>
	Rainfall	-18.51	Normal
	<i>Parameter</i>	<i>Anomaly</i>	<i>Category</i>
	Maximum temperature	0.93	Normal
	Minimum temperature	0.68	Normal

**General Agromet Advisory:-** As there will be normal rainfall and temperature is forecasted in subsequent week, after upcoming 5 days, so farmers are advised to go for sowing of summer vegetables and crops in the subsequent week by utilizing the rain water.

**Long range forecast for the 2021 South-west Monsoon seasonal rainfall**

- Southwest monsoon seasonal (June to September) rainfall over the country **as a whole is most likely to be normal (96 to 104 % of Long Period Average (LPA)).**
- Quantitatively, the monsoon seasonal (June to September) rainfall is likely to be 99% of the Long Period Average (LPA) with a model error of  $\pm 5\%$ . The LPA of the season rainfall over the country as a whole for the period 1971-2020 is 87 cm.
- *Hence Farmers should prepare the crop plan depending upon the land type, soil fertility and Variety availability, irrigation facility.*

Tercile probability rainfall forecast for 2022 southwest monsoon season



**Fig.1.** Probability forecast of tercile categories\* (below normal, normal, and above normal) for the seasonal rainfall over India during the 2022 southwest monsoon season (June -September). The figure illustrates the most likely categories as well as their probabilities. The white shaded areas represent climatological probabilities for all the tercile categories. The probabilities were derived using the MME forecast prepared from a group of four best coupled climate models.† Tercile categories have equal climatological probabilities, of 33.33% each).

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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	Maize	Vegetative		False army worm
				Red hairy catterpillar
2	Brinjal	Fructing		Fruit and shoot borer
				Phomopsis Blight
				Epilachna Beetle/Hadda beetle
				Cercospera leaf spot
				Helicoverpa catterpillar
3	Tomato	Fructing		Bacterial wilt
4	Okra	Vegetative to fruiting		Yellow vein mosaiv(YMV)
5	Cucurbits	Flowering to Fruiting stage		Red Pumpkin beetle
				Leaf spot

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				<b>Late blight</b>
				<b>Stem Rot</b>
				<b>Downy Mildew</b>
				<b>Fruit rot</b>
<b>6</b>	<b>Mango</b>	<b>Fruiting stage</b>		<b>Fruit borer</b>
				<b>Fruit drop</b>
				<b>Bacterial Canker</b>

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**Bulletin No.-292**  
**Date- 29/04/2022**

**AGROMET ADVISORY BULLETIN FOR ATHAGAD**

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

The block received average 0mm and district received average 0mm rainfall during the last week. The mean daily maximum and minimum temperature was **40°C (2.6°C from normal)** and 26.7°C (2.4°C from normal), respectively. Mean relative humidity of the district was around 58-72%.

**Forecasted period: Today(8.30IST) to 04<sup>th</sup> May(8.30IST)2022**

**Weather advisory:** *Very light to light rainfall / Thundershower is forecasted for Sunday to Tuesday and Dry weather is forecasted for other 2 days in the block.* The day temperature will be 35-39°C and night temperature will be 26-29°C for upcoming 5 days. Maximum and minimum relative humidity will be 81-94% and 09-33% 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	29/04/2022	30/04/2022	01/05/2022	02/05/2022	03/05/2022
Rainfall (mm)	0	0	1	4	7
T-Max (°C)	40	39	38	36	35
T-Min (°C)	27	26	28	28	29
Cloud Cover (octa)	2	2	2	2	4
RH Max (%)	82	94	90	90	81
RH Min (%)	9	15	19	32	33
Wind Speed (kmph)	15	18	23	22	26
Wind Direction (deg)	197	204	161	180	197

**Agromet Advisory**

**General advisory:** Apply light and frequent irrigation to the standing crops during the evening or early morning, carry out mulching with crop residue, straw or polythene and protect young saplings by erecting temporary shade in upcoming 2 days. They should stop irrigation, fertilizer and pesticide application in between Sunday to Tuesday.

**Pulses:** Harvest matured pulses before Sunday as light to moderate rainfall or thundershower is forecasted from Sunday onwards at isolated places of Cuttack district.

**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/litre of water. **Cercospora leaf spot** may be found after rainfall, if observe, then spray Carbendazim or zineb 75%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 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.-292**  
**Date- 29/04/2022**

**AGROMET ADVISORY BULLETIN FOR BADAMBA**

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

The block received average 0mm and district received average 0 mm rainfall during the last week. The mean daily maximum and minimum temperature was **40°C (2.6°C from normal)** and 26.7°C (2.4°C from normal), respectively. Mean relative humidity of the district was around 58-72%.

**Forecasted period: Today(8.30IST) to 04<sup>th</sup> May(8.30IST)2022**

**Weather advisory:** *Very light to light rainfall / Thundershower is forecasted for Sunday to Tuesday and Dry weather is forecasted for other 2 days in the block.* The day temperature will be 37-40°C and night temperature will be 26-28°C for upcoming 5 days. Maximum and minimum relative humidity will be 73-94% and 09-30% respectively. **There will be clear to partly cloudy sky for next 5days.**

Block	Badamba (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	29/04/2022	30/04/2022	01/05/2022	02/05/2022	03/05/2022
Rainfall(mm)	0	0	1	2	4
T-Max(°C)	40	40	39	37	37
T-Min(°C)	27	26	27	26	28
Cloud Cover(octa)	2	2	2	1	4
RH Max (%)	73	88	94	93	82
RH Min (%)	9	15	18	30	29
Wind Speed (Kmph)	14	15	18	19	23
Wind Direction (deg)	203	191	161	197	180

**Agromet Advisory**

**General advisory:** Apply light and frequent irrigation to the standing crops during the evening or early morning, carry out mulching with crop residue, straw or polythene and protect young saplings by erecting temporary shade in upcoming 2 days. They should stop irrigation, fertilizer and pesticide application in between Sunday to Tuesday.

**Pulses:** Harvest matured pulses before Sunday as light to moderate rainfall or thundershower is forecasted from Sunday onwards at isolated places of Cuttack district.

**Summer Maize:**

There may be increase in 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/litre of water. **Cercospora leaf spot** may be found after rainfall, if observe, then spray Carbendazim or zineb 75%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 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 Sathy**  
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**Bulletin No.-292**  
**Date- 29/04/2022**

**AGROMET ADVISORY BULLETIN FOR BANKI**

**District Past week average weather condition**

The district received average 0 mm rainfall during the last week. The mean daily maximum and minimum temperature was **40°C (2.6°C from normal)** and 26.7°C (2.4°C from normal), respectively. Mean relative humidity of the district was around 58-72%.

**Forecasted period: Today(8.30IST) to 04<sup>th</sup> May(8.30IST)2022**

**Weather advisory:** *Very light to light rainfall / Thundershower is forecasted for Sunday to Tuesday and Dry weather is forecasted for other 2 days in the block.* The day temperature will be 37-41°C and night temperature will be 26-29°C for upcoming 5 days. Maximum and minimum relative humidity will be 79-93% and 10-34% 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	29/04/2022	30/04/2022	01/05/2022	02/05/2022	03/05/2022
Rainfall(mm)	0	0	1	2	1
T-Max(°C)	41	40	39	37	37
T-Min(°C)	27	26	27	27	29
Cloud Cover(octa)	2	2	2	2	4
RH Max (%)	79	92	92	93	82
RH Min (%)	10	16	20	34	33
Wind Speed (Kmph)	16	19	22	22	26
Wind Direction (deg)	203	199	169	193	193

**Agromet Advisory**

**General advisory:** Apply light and frequent irrigation to the standing crops during the evening or early morning, carry out mulching with crop residue, straw or polythene and protect young saplings by erecting temporary shade in upcoming 2 days. They should stop irrigation, fertilizer and pesticide application in between Sunday to Tuesday.

**Pulses:** Harvest matured pulses before Sunday as light to moderate rainfall or thundershower is forecasted from Sunday onwards at isolated places of Cuttack district.

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**Vegetables:**

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**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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**DISTRICT AGROMET UNIT**  
**KRISHI VIGYAN KENDRA CUTTACK**

(A Unit of ICAR-National Rice Research Institute)

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Bulletin No.-292

Date- 29/04/2022

**AGROMET ADVISORY BULLETIN FOR BANKI-DAMPARA**

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

The block received average 0mm and district received average 0 mm rainfall during the last week. The mean daily maximum and minimum temperature was **40°C (2.6°C from normal)** and 26.7°C (2.4°C from normal), respectively. Mean relative humidity of the district was around 58-72%.

**Forecasted period: Today(8.30IST) to 04<sup>th</sup> May(8.30IST)2022**

**Weather Advisory:** *Very light to light rainfall / Thundershower is forecasted for Sunday to Tuesday and Dry weather is forecasted for other 2 days in the block.* The day temperature will be 36-41°C and night temperature will be 26-29°C for upcoming 5 days. Maximum and minimum relative humidity will be 80-93% and 10-35% respectively. **There will be clear to partly cloudy sky for next 5days.**

Block	Banki-Dampara (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	29/04/2022	30/04/2022	01/05/2022	02/05/2022	03/05/2022
Rainfall(mm)	0	0	1	2	2
T-Max(°C)	41	40	39	36	36
T-Min(°C)	27	26	27	27	29
Cloud Cover(octa)	2	2	2	1	4
RH Max (%)	80	92	91	93	82
RH Min (%)	10	17	21	35	34
Wind Speed (Kmph)	16	20	23	23	26
Wind Direction (deg)	203	198	169	193	193

**Agromet Advisory**

**General advisory:** Apply light and frequent irrigation to the standing crops during the evening or early morning, carry out mulching with crop residue, straw or polythene and protect young saplings by erecting temporary shade in upcoming 2 days. They should stop irrigation, fertilizer and pesticide application in between Sunday to Tuesday.

**Pulses:** Harvest matured pulses before Sunday as light to moderate rainfall or thundershower is forecasted from Sunday onwards at isolated places of Cuttack district.

**Summer Maize:**

There may be increase in 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 **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 Sathy  
(Nodal officer)



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**Bulletin No.-292**  
**Date- 29/04/2022**

**AGROMET ADVISORY BULLETIN FOR BARANGA**

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

The block received average 0mm and district received average 0 mm rainfall during the last week. The mean daily maximum and minimum temperature was **40°C (2.6°C from normal)** and 26.7°C (2.4°C from normal), respectively. Mean relative humidity of the district was around 58-72%.

**Forecasted period: Today(8.30IST) to 04<sup>th</sup> May (8.30IST)2022**

**Weatheradvisory:; Very light to light rainfall / Thundershower is forecasted for Sunday to Tuesday and Dry weather is forecasted for other 2 days in the block.** The day temperature will be 33-39°C and night temperature will be 27-29°C for upcoming 5 days. Maximum and minimum relative humidity will be 82-88% and 11-41% respectively. **There will be clear to partly cloudy sky for next 5days.**

Block	Baranga (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	29/04/2022	30/04/2022	01/05/2022	02/05/2022	03/05/2022
Rainfall(mm)	0	0	2	3	4
T-Max(°C)	39	38	36	34	33
T-Min(°C)	27	27	28	28	29
Cloud Cover	2	2	2	2	3
RH Max (%)	85	87	88	87	82
RH Min (%)	11	20	25	40	41
Wind Speed (Kmph)	20	26	26	25	26
Wind Direction (deg)	203	203	198	201	198

**Agromet Advisory**

**General advisory:** Apply light and frequent irrigation to the standing crops during the evening or early morning, carry out mulching with crop residue, straw or polythene and protect young saplings by erecting temporary shade in upcoming 2 days. They should stop irrigation, fertilizer and pesticide application in between Sunday to Tuesday.

**Pulses:** Harvest matured pulses before Sunday as light to moderate rainfall or thundershower is forecasted from Sunday onwards at isolated places of Cuttack district.

**Summer Maize:**

There may be increase in 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 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.-292**  
**Date- 29/04/2022**

**AGROMET ADVISORY BULLETIN FOR CUTTACK SADAR**

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

The block received average 0mm and district received average 0 mm rainfall during the last week. The mean daily maximum and minimum temperature was **40°C (2.6°C from normal)** and **26.7°C (2.4°C from normal)**, respectively. Mean relative humidity of the district was around 58-72%.

**Forecasted period: Today(8.30IST) to 04<sup>th</sup> May (8.30IST)2022**

**Weather advisory:** *Very light to light rainfall / Thundershower is forecasted for Sunday to Tuesday and Dry weather is forecasted for other 2 days in the block.* The day temperature will be **33-39°C** and night temperature will be **27-29°C** for upcoming 5 days. Maximum and minimum relative humidity will be 81-88% and 11-37% respectively. **There will be clear to partly cloudy sky for next 5days.**

Block	Cuttack sadar (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	29/04/2022	30/04/2022	01/05/2022	02/05/2022	03/05/2022
Rainfall(mm)	0	0	2	4	5
T-Max(°C)	39	38	36	35	33
T-Min(°C)	27	27	28	28	29
Cloud Cover(octa)	2	2	2	2	3
RH Max (%)	85	88	87	86	81
RH Min (%)	11	17	23	37	37
Wind Speed (Kmph)	18	23	25	24	26
Wind Direction (deg)	200	203	197	201	197

**Agromet Advisory**

**General advisory:** Apply light and frequent irrigation to the standing crops during the evening or early morning, carry out mulching with crop residue, straw or polythene and protect young saplings by erecting temporary shade in upcoming 2 days. They should stop irrigation, fertilizer and pesticide application in between Sunday to Tuesday.

**Pulses:** Harvest matured pulses before Sunday as light to moderate rainfall or thundershower is forecasted from Sunday onwards at isolated places of Cuttack district.

**Summer Maize:**

There may be increase in 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 **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.-292  
 Date- 29/04/2022

**AGROMET ADVISORY BULLETIN FOR KANTAPADA**

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

The block received average 0mm and district received average 0 mm rainfall during the last week. The mean daily maximum and minimum temperature was **40°C (2.6°C from normal)** and 26.7°C (2.4°C from normal), respectively. Mean relative humidity of the district was around 58-72%.

**Forecasted period: Today(8.30IST) to 04<sup>th</sup> May(8.30IST)2022**

**Weather advisory:** *Very light to light rainfall / Thundershower is forecasted for Sunday to Tuesday and Dry weather is forecasted for other 2 days in the block.* The day temperature will be 34-39°C and night temperature will be 27-28°C for upcoming 5 days. Maximum and minimum relative humidity will be 83-87% and 15-48% respectively. **There will be clear to partly cloudy sky for next 5days.**

Block	Kantapada (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	29/04/2022	30/04/2022	01/05/2022	02/05/2022	03/05/2022
Rainfall(mm)	0	0	1	3	4
T-Max(°C)	39	36	35	34	34
T-Min(°C)	27	27	28	27	28
Cloud Cover(octa)	2	2	2	2	2
RH Max (%)	84	83	87	87	85
RH Min (%)	15	31	35	48	46
Wind Speed (Kmph)	22	28	26	25	26
Wind Direction (deg)	203	203	198	201	201

**Agromet Advisory**

**General advisory:** Apply light and frequent irrigation to the standing crops during the evening or early morning, carry out mulching with crop residue, straw or polythene and protect young saplings by erecting temporary shade in upcoming 2 days. They should stop irrigation, fertilizer and pesticide application in between Sunday to Tuesday.

**Pulses:** Harvest matured pulses before Sunday as light to moderate rainfall or thundershower is forecasted from Sunday onwards at isolated places of Cuttack district.

**Summer Maize:**

There may be increase in 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/litre of water. **Cercospora leaf spot** may be found after rainfall, if observe, then spray Carbendazim or zineb 75%WP 2gram/litre of water. If **helioverpa** 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 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 Sathy  
 (Nodal officer)



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Bulletin No.-292

Date- 29/04/2022

**AGROMET ADVISORY BULLETIN FOR MAHANGA**

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

The block received average 0mm and district received average 0 mm rainfall during the last week. The mean daily maximum and minimum temperature was **40°C (2.6°C from normal)** and 26.7°C (2.4°C from normal), respectively. Mean relative humidity of the district was around 58-72%.

**Forecasted period: Today(8.30IST) to 04<sup>th</sup> May(8.30IST)2022**

**Weather advisory:** *Very light to light rainfall / Thundershower is forecasted for Sunday to Tuesday and Dry weather is forecasted for other 2 days in the block.* The day temperature will be and it will be 34-39°C and night temperature will be 26-28°C for upcoming 5 days. Maximum and minimum relative humidity will be 80-86% and 12-41% 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	29/04/2022	30/04/2022	01/05/2022	02/05/2022	03/05/2022
Rainfall(mm)	0	0	1	5	7
T-Max(°C)	39	38	35	35	34
T-Min(°C)	26	27	28	28	28
Cloud Cover(octal)	2	2	3	2	3
RH Max (%)	83	80	86	82	82
RH Min (%)	12	21	31	40	41
Wind Speed (Kmph)	21	26	25	25	26
Wind Direction (deg)	200	203	198	203	198

**Agromet Advisory**

**General advisory:** Apply light and frequent irrigation to the standing crops during the evening or early morning, carry out mulching with crop residue, straw or polythene and protect young saplings by erecting temporary shade in upcoming 2 days. They should stop irrigation, fertilizer and pesticide application in between Sunday to Tuesday.

**Pulses:** Harvest matured pulses before Sunday as light to moderate rainfall or thundershower is forecasted from Sunday onwards at isolated places of Cuttack district.

**Summer Maize:**

There may be increase in 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/litre of water. **Cercospora leaf spot** may be found after rainfall, if observe, then spray Carbendazim or zineb 75%WP 2gram/litre of water. If **helioverpa** 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 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 Sathy  
(Nodal officer)



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Contact No-9861445080/7008453427





**GRAMIN KRISHIMAUSAM SEWA**  
**INDIA METEOROLOGICAL DEPARTMENT**  
**DISTRICT AGROMET UNIT**  
**KRISHI VIGYAN KENDRA CUTTACK**  
**(A Unit of ICAR-National Rice Research Institute)**



**Bulletin No.-292**  
**Date- 29/04/2022**

**Email: kvkcuttack@gmail.com/damukvkcuttack@gmail.com**

**AGROMET ADVISORY BULLETIN FOR NARASINGHPUR**

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

The block received average 0mm and district received average 0 mm rainfall during the last week. The mean daily maximum and minimum temperature was **40°C (2.6°C from normal)** and **26.7°C (2.4°C from normal)**, respectively. Mean relative humidity of the district was around 58-72%.

**Forecasted period: Today(8.30IST) to 04<sup>th</sup> May(8.30IST)2022**

**Weatheradvisory:** *Very light to light rainfall / Thundershower is forecasted for Sunday to Tuesday and Dry weather is forecasted for other 2 days in the block.* The day temperature will be **38-41°C** and night temperature will be **25-27°C** for upcoming 5 days. Maximum and minimum relative humidity will be 66-94% and 08-24% 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	29/04/2022	30/04/2022	01/05/2022	02/05/2022	03/05/2022
Rainfall(mm)	0	0	1	2	2
T-Max(°C)	40	41	41	40	38
T-Min(°C)	26	25	25	25	27
Cloud Cover(octa)	2	2	2	1	4
RH Max (%)	66	75	94	94	82
RH Min (%)	8	10	11	21	24
Wind Speed (Kmph)	10	9	11	11	15
Wind Direction (deg)	195	191	158	197	167

**Agromet Advisory**

**General advisory:** *Farmers should harvest the matured crops and vegetables in dry days. Farmers may go for intercropping operations, fertilizer and pesticide application in the upcoming dry days. They should wait for sufficient amount of rainfall for sowing of summer vegetables.*

**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.-292**  
**Date- 29/04/2022**

**AGROMET ADVISORY BULLETIN FOR NIALI**

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

The block received average 0mm and district received average 0 mm rainfall during the last week. The mean daily maximum and minimum temperature was **40°C (2.6°C from normal)** and **26.7°C (2.4°C from normal)**, respectively. Mean relative humidity of the district was around 58-72%.

**Forecasted period: Today(8.30IST) to 04<sup>th</sup> May(8.30IST)2022**

**Weather advisory:** *Very light to light rainfall / Thundershower is forecasted for Sunday to Tuesday and Dry weather is forecasted for other 2 days in the block.* The day temperature will be **34-40°C** and night temperature will be **27-28°C** for upcoming 5 days. Maximum and minimum relative humidity will be 82-88% and 20-52% respectively. **There will be clear to partly cloudy sky for next 5days.**

Block	Niali (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	29/04/2022	30/04/2022	01/05/2022	02/05/2022	03/05/2022
Rainfall(mm)	0	0	1	1	2
T-Max(°C)	39	36	35	34	35
T-Min(°C)	27	28	27	27	27
Cloud Cover(octa)	1	1	2	2	2
RH Max (%)	86	82	87	88	87
RH Min (%)	20	41	43	52	50
Wind Speed(Kmph)	24	29	26	25	27
Wind Direction(deg)	203	203	201	203	201

**Agromet Advisory**

**General advisory:** Apply light and frequent irrigation to the standing crops during the evening or early morning, carry out mulching with crop residue, straw or polythene and protect young saplings by erecting temporary shade in upcoming 2 days. They should stop irrigation, fertilizer and pesticide application in between Sunday to Tuesday.

**Pulses:** Harvest matured pulses before Sunday as light to moderate rainfall or thundershower is forecasted from Sunday onwards at isolated places of Cuttack district.

**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 **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.-292**  
**Date- 29/04/2022**

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

The block received average 0mm and district received average 0 mm rainfall during the last week. The mean daily maximum and minimum temperature was **40°C (2.6°C from normal)** and **26.7°C (2.4°C from normal)**, respectively. Mean relative humidity of the district was around 58-72%.

**Forecasted period: Today(8.30IST) to 04<sup>th</sup> May(8.30IST)2022**

**Weatheradvisory:** *Very light to light rainfall / Thundershower is forecasted for Sunday to Tuesday and Dry weather is forecasted for other 2 days in the block.* The day temperature will be 34-39°C and night temperature will be 27-28°C for upcoming 5 days. Maximum and minimum relative humidity will be 81-86% and 13-43% respectively. **There will be clear to partly cloudy sky for next 5days.**

Block	Nischintakoili (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	29/04/2022	30/04/2022	01/05/2022	02/05/2022	03/05/2022
Rainfall(mm)	0	0	1	3	4
T-Max(°C)	39	37	35	35	34
T-Min(°C)	27	27	28	28	28
Cloud Cover(octa)	2	2	3	2	3
RH Max (%)	83	81	86	83	83
RH Min (%)	13	24	33	43	42
Wind Speed (Kmph)	21	27	25	25	25
Wind Direction (deg)	203	203	198	201	198

**Agromet Advisory**

**General advisory:** Apply light and frequent irrigation to the standing crops during the evening or early morning, carry out mulching with crop residue, straw or polythene and protect young saplings by erecting temporary shade in upcoming 2 days. They should stop irrigation, fertilizer and pesticide application in between Sunday to Tuesday.

**Pulses:** Harvest matured pulses before Sunday as light to moderate rainfall or thundershower is forecasted from Sunday onwards at isolated places of Cuttack district.

**Summer Maize:**

There may be increase in 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 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.-292**  
**Date- 29/04/2022**

**AGROMET ADVISORY BULLETIN FOR SALEPUR**

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

The block received average 0mm and district received average 0 mm rainfall during the last week. The mean daily maximum and minimum temperature was **40°C (2.6°C from normal)** and 26.7°C (2.4°C from normal), respectively. Mean relative humidity of the district was around 58-72%.

**Forecasted period: Today(8.30IST) to 04<sup>th</sup> May(8.30IST)2022**

**Weather advisory:** *Very light to light rainfall / Thundershower is forecasted for Sunday to Tuesday and Dry weather is forecasted for other 2 days in the block.* The day temperature will be 34-39°C and night temperature will be 27-28°C for upcoming 5 days. Maximum and minimum relative humidity will be 81-86% and 13-42% respectively. **There will be clear to partly cloudy sky for next 5days.**

Block	Salepur(VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	29/04/2022	30/04/2022	01/05/2022	02/05/2022	03/05/2022
Rainfall(mm)	0	0	1	3	6
T-Max(°C)	39	37	35	34	34
T-Min(°C)	27	27	28	28	28
Cloud Cover(octa)	2	2	3	2	3
RH Max (%)	84	81	86	83	83
RH Min (%)	13	22	31	42	41
Wind Speed (Kmph)	21	27	26	25	25
Wind Direction (deg)	203	203	198	201	198

**Agromet Advisory**

**General advisory:** Apply light and frequent irrigation to the standing crops during the evening or early morning, carry out mulching with crop residue, straw or polythene and protect young saplings by erecting temporary shade in upcoming 2 days. They should stop irrigation, fertilizer and pesticide application in between Sunday to Tuesday.

**Pulses:** Harvest matured pulses before Sunday as light to moderate rainfall or thundershower is forecasted from Sunday onwards at isolated places of Cuttack district.

**Summer Maize:**

There may be increase in 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/litre of water. **Cercospora leaf spot** may be found after rainfall, if observe, then spray Carbendazim or zineb 75%WP 2gram/litre of water. If **helioverpa** 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 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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**APP for Lightening alert in your area**



**Debasish Jena**

**SMS (Agrometeorology)**

**Contact No-9861445080/7008453427**



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**INDIA METEOROLOGICAL DEPARTMENT**  
**DISTRICT AGROMET UNIT**  
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**Bulletin No.-292**  
**Date- 29/04/2022**

**AGROMET ADVISORY BULLETIN FOR TANGI-CHOUDWAR**

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

The block received average 0mm and district received average 0 mm rainfall during the last week. The mean daily maximum and minimum temperature was **40°C (2.6°C from normal)** and 26.7°C (2.4°C from normal), respectively. Mean relative humidity of the district was around 58-72%.

**Forecasted period: Today(8.30IST) to 04<sup>th</sup> May(8.30IST)2022**

**Weather advisory:** *Very light to light rainfall / Thundershower is forecasted for Sunday to Tuesday and Dry weather is forecasted for other 2 days in the block.* The day temperature will be 34-41°C and night temperature will be 28-29°C for upcoming 5 days. Maximum and minimum relative humidity will be 83-87% and 33-59% respectively. **There will be clear to partly cloudy sky for next 5 days.**

Block	Tangi-Choudwar (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	29/04/2022	30/04/2022	01/05/2022	02/05/2022	03/05/2022
Rainfall(mm)	0	0	1	2	7
T-Max(°C)	41	36	34	35	34
T-Min(°C)	28	29	28	28	29
Cloud Cover(octa)	1	2	3	2	3
RH Max (%)	85	83	86	87	86
RH Min (%)	33	50	59	59	59
Wind Speed (Kmph)	26	30	26	27	27
Wind Direction (deg)	203	203	201	201	201

**Agromet Advisory**

**General advisory:** Apply light and frequent irrigation to the standing crops during the evening or early morning, carry out mulching with crop residue, straw or polythene and protect young saplings by erecting temporary shade in upcoming 2 days. They should stop irrigation, fertilizer and pesticide application in between Sunday to Tuesday.

**Pulses:** Harvest matured pulses before Sunday as light to moderate rainfall or thundershower is forecasted from Sunday onwards at isolated places of Cuttack district.

**Summer Maize:**

There may be increase in 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 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 Sathy**  
**(Nodal officer)**



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Date- 29/04/2022

**AGROMET ADVISORY BULLETIN FOR TIGIRIA**

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

The block received average 0mm and district received average 0 mm rainfall during the last week. The mean daily maximum and minimum temperature was **40°C (2.6°C from normal)** and 26.7°C (2.4°C from normal), respectively. Mean relative humidity of the district was around 58-72%.

**Forecasted period: Today(8.30IST) to 04<sup>th</sup> May(8.30IST)2022**

**Weather advisory:** *Very light to light rainfall / Thundershower is forecasted for Sunday to Tuesday and Dry weather is forecasted for other 2 days in the block.* The day temperature will be 37-40°C and night temperature will be 26-29°C for upcoming 5 days. Maximum and minimum relative humidity will be 79-93% and 08-31% respectively. **There will be clear to partly cloudy sky for next 5 days.**

Block	Tigiria (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	29/04/2022	30/04/2022	01/05/2022	02/05/2022	03/05/2022
Rainfall(mm)	0	0	1	2	2
T-Max(°C)	40	40	39	37	37
T-Min(°C)	27	26	27	27	29
Cloud Cover(octa)	2	2	2	2	4
RH Max (%)	79	93	92	92	81
RH Min (%)	8	15	18	30	31
Wind Speed (Kmph)	14	16	21	21	25
Wind Direction (deg)	195	191	161	189	189

**Agro met Advisory**

**General advisory:** Apply light and frequent irrigation to the standing crops during the evening or early morning, carry out mulching with crop residue, straw or polythene and protect young saplings by erecting temporary shade in upcoming 2 days. They should stop irrigation, fertilizer and pesticide application in between Sunday to Tuesday.

**Pulses:** Harvest matured pulses before Sunday as light to moderate rainfall or thundershower is forecasted from Sunday onwards at isolated places of Cuttack district.

**Summer Maize:**

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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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MEGHDOOT APP	DAMINI APP	FACEBOOK (Damu Cuttack)	BLOCK SPECIFIC WHAT'S APP GROUPS	@DAMUCUTTACK

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

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

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