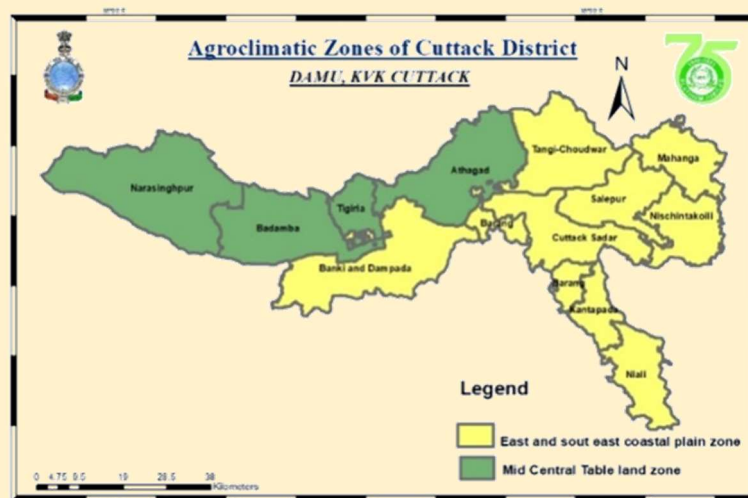




Cuttack District Block Wise Agro-met Advisory Service Bulletin

*Monday 2nd May, 2022
(For the period 2nd to 6th May, 2022)*



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



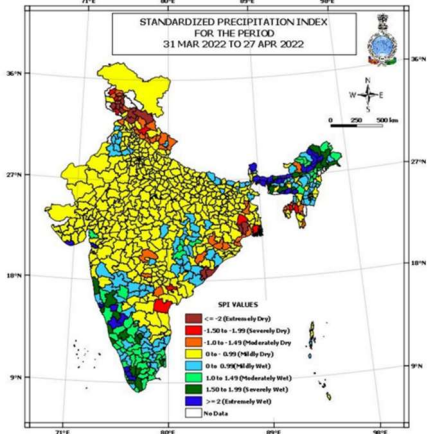
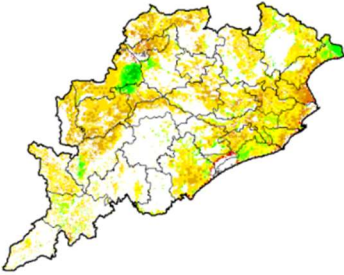


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Bulletin No.-293
Date- 01/05/2022

STANDARD PRECIPITATION INDEX AND NDVI MAP

Standard Precipitation Index (SPI)	Normalized difference vegetation Index (NDVI)
<p align="center">Standardised Precipitation Index for the period 31st March 2022 to 27th April 2022</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 31 MAR 2022 TO 27 APR 2022</p> <p align="center">SPI VALUES</p> <ul style="list-style-type: none"> < -2 (Extremely Dry) -1.99 to -1.79 (Extremely Dry) -1.69 to -1.49 (Moderately Dry) -1.19 to -0.99 (Mildly Dry) 0 to 0.99 (Mildly Wet) 1.00 to 1.49 (Moderately Wet) 1.50 to 1.99 (Extremely Wet) > 2 (Extremely Wet) No Data 	<p align="center">NOAA/VIIIRS/BLENDED NDVI Composite ending on Week no 16 (16.04.2022 to 22.04.2022) over Agricultural region</p> <p align="center">Odisha</p>  <p align="center">Legend for NDVI values:</p> <ul style="list-style-type: none"> -0.9999 - 0 0 - 0.05 0.05 - 0.1 0.1 - 0.15 0.15 - 0.2 0.2 - 0.25 0.25 - 0.3 0.3 - 0.35 0.35 - 0.4 0.4 - 0.45 0.45 - 0.5 0.5 - 0.55 0.55 - 0.6 > 0.6 <p align="center">Bare soil, rocks clouds, rain, snow, etc. Moderate Good Very good</p> <p>Agriculture vigour is good over isolated places in Bargarh and Subrahnpur districts in the state.</p>
<p><i>As per SPI value (cumulative 4weeks -31 March 2022 – 27th April 2022), mildldry condition was there in Cuttack district.</i></p>	<p><i>According to NDVI map (16.04.2022 to 22.04.2022) 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>

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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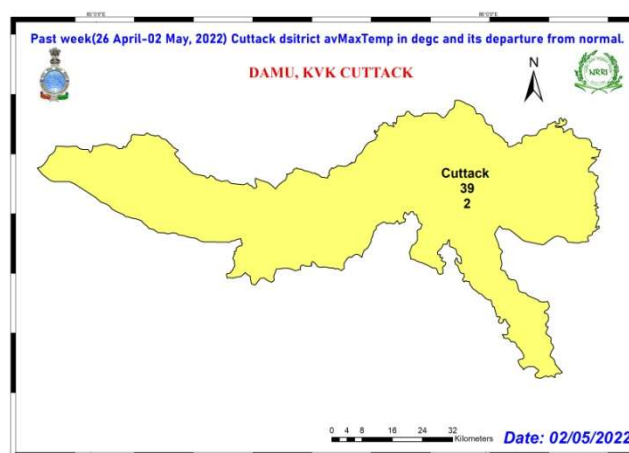
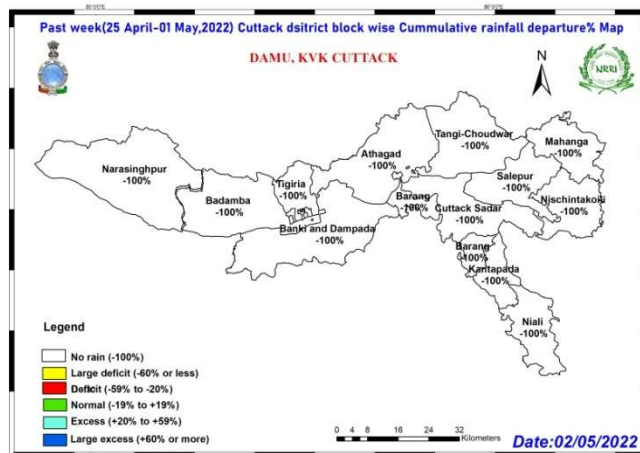


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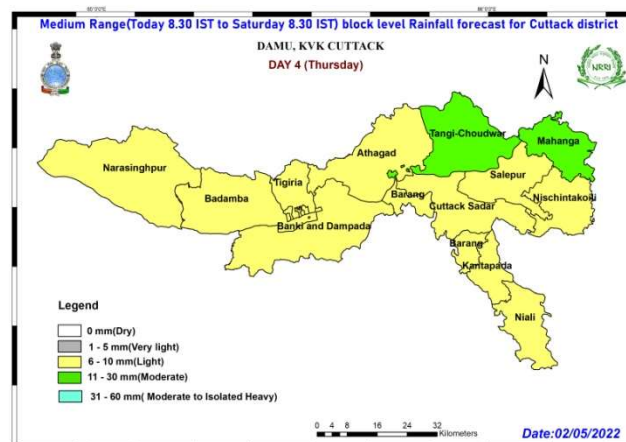
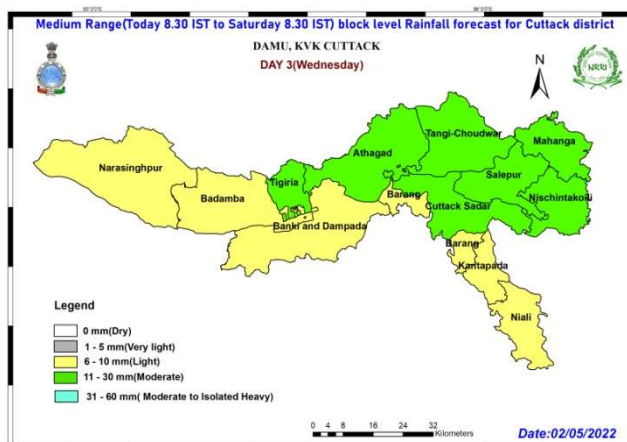
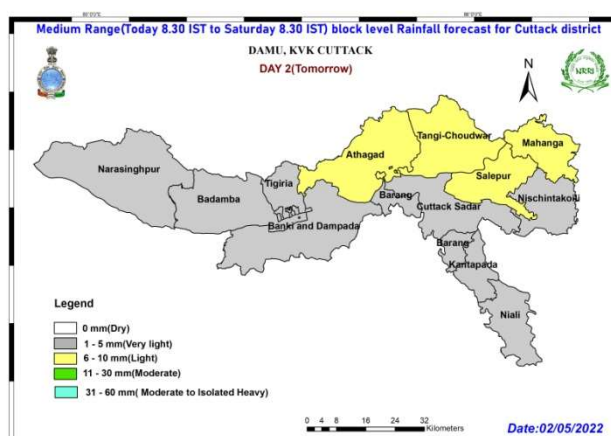
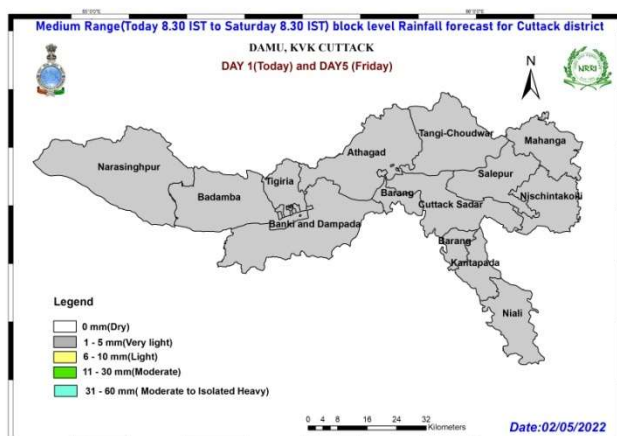


Bulletin No.-293
Date- 01/05/2022

Past week (25 April-01 May, 2022) cumulative rainfall departure% from normal and (26 April-02 May) average maximum temperature and its departure from normal for Cuttack district



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



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Bulletin No.-293
Date- 01/05/2022

Long range forecast for the 2021 South-west Monsoon seasonal rainfall and Monthly Rainfall Forecast for May 2022

- 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.
- As per monthly outlook for May month there will **be above normal rainfall likely to occur at Odisha condition**.
- *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

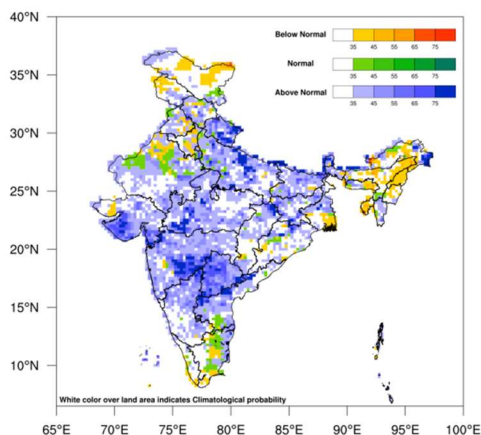


Fig.1. Probability forecast of tercile categories (below normal, normal, and above normal) for the seasonal rainfall over India during the 2022 southwest monsoon season (June-September). The figure illustrates the most likely categories as well as their probabilities. The white shaded areas represent 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).

probability rainfall forecast for 2022 MAY

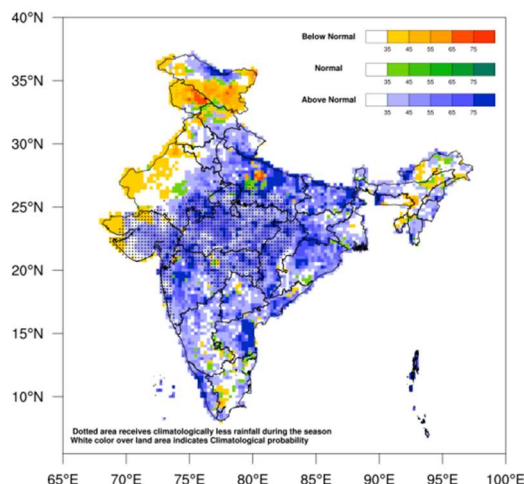


Fig.2. Probability forecast of tercile categories (below normal, normal and above normal) for the rainfall over India during May 2022. The figure illustrates the most likely categories as well as their probabilities. The dotted area shown in the map climatologically receives very less rainfall and the white shaded areas within the land areas represent climatological probabilities. The probabilities were derived using the MME forecast prepared from a group of coupled climate models. (Tercile categories have equal climatological probabilities, of 33.33% each).
















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Bulletin No.-293
Date- 01/05/2022

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 to tasseling/silking		Maize stalk rot
				Fall army worm
				Red hairy catpillar
2	Brinjal	Fruiting		Phomopsis Blight
				Cercopera leaf spot
				Helicoverpa
3	Tomato	Fruting		Bacterial wilt
4	Okra	Vegetative to fruiting		Yellow vein mosaiv(YMV)
5	Cucurbits	Flowering to Fruiting stage		Late blight
				Downy Mildew
				Leaf spot

Dr Sujata Sethy
(Nodal officer)



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				Stem Rot
				Fruit rot
6	Banana			Banana leaf spot/sigatoka
				Pseudo stem weevil
				Rhizome rot
7	Mango	Fruiting stage		Fruit borer
8	Papaya	Fruting		phytophthora crown rot or foot rot

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Bulletin No.-293
Date- 01/05/2022

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 **38.5°C (1.5°C from normal)** and **26.85°C (2.5°C from normal)**, respectively. Mean relative humidity of the district was around 65-79%.

Forecasted period: Today(8.30IST) to 07th May(8.30IST)2022

Weather advisory: *Very light/Light to moderate rainfall / Thundershower is forecasted for upcoming 5 days in the block.* The day temperature will be **31-36°C** and night temperature will be **28-29°C** for upcoming 5 days. Maximum and minimum relative humidity will be 81-87% and 24-39% respectively. **There will be clear to partly cloudy sky for next 5 days.**

Block	Athagad (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	02/05/2022	03/05/2022	04/05/2022	05/05/2022	06/05/2022
Rainfall (mm)	2	6	11	7	1
T-Max (°C)	34	31	34	36	36
T-Min (°C)	29	29	28	29	29
Cloud Cover (octa)	2	1	3	3	3
RH Max (%)	85	84	81	87	87
RH Min (%)	31	39	34	24	24
Wind Speed (kmph)	17	26	19	17	17
Wind Direction (deg)	180	198	200	193	167

Agromet Advisory

General advisory: As thunderstorm with lightning /gusty winds (speed 40-50 kmph) with light to moderate rainfall is forecasted in upcoming 5 days Farmers should harvest matured green gram, black gram, Maize, Cucurbits and other vegetables and keep the produce at safer places, provide mechanical support to young fruit plants and vegetables to prevent the crops from lodging due to strong winds, avoid standing in the open or working in the fields during thunderstorm/lightning period. Farmers should pause all farm activities in upcoming 5 days.

Pulses:

Harvest matured pulses as light to moderate rainfall or thundershower is forecasted from today on wards 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. If there will be infestation of **Stem rot** at vegetative stage as rainfall is forecasted, farmers may drench the crop root with Mancozeb 35.0%SC 3gram/ltr of water or validamycin 2ml/ltr of water.

Vegetables: After rain there may be chances of increase in infestation of wilting in vegetables. To prevent from wilting or partial wilting in brinjal, Chilli and Okra apply Neem or Karanjaa cake and spray (basal + foliar) Tebuconazole fungicide @ 1ml/liter.

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:

If **phomopsis blight** will occur in brinjal, then spray zineb75%WP 2gram/litr of water. **Cercospora leaf spot** may be found after rainfall, if observe, then spray Carbendazim or zineb75%WP 2gram/litr of water. If **helicopterpa infestation** will be found, spray Flunendiamide or indoxacarb 2ml/litr of water.

Cucurbits:

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. 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: Banana: If **rhizome rot** will be noticed in the field, drench the solution of Copper oxy chloride at 3g per L of water. For **leaf spot/sigatoka** as a precautionary measure spray carbendazim + mancozeb @ 2.0 g / litre of water followed by (15 days after) chlorothalnil @ 2.0 g / litre of water.

Mango: 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.

Papaya: After rain due to water logging there may be increase in the infestation of **phytophthora crown rot or foot rot** in papaya, so farmers should drain out excess water and drench the soil with fungicide like thiophanate methyl 70%wp 2-4g/ltr of water.

Animal husbandry:

Make necessary arrangement for clean and sufficient drinking water for the animals. keep farm animals indoor during the thunderstorm period.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-293

Date- 01/05/2022

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 **38.5°C (1.5°C from normal)** and **26.85°C (2.5°C from normal)**, respectively. Mean relative humidity of the district was around 65-79%.

Forecasted period: Today(8.30IST) to 07th May(8.30IST)2022

Weather advisory: *Very light to light rainfall / Thundershower is forecasted for upcoming 5 days in the block.* The day temperature will be **33-37°C** and night temperature will be **28°C** for upcoming 5 days. Maximum and minimum relative humidity will be 81-88% and 22-37% respectively. **There will be clear to partly cloudy sky for next 5 days.**

Block	Badamba (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	02/05/2022	03/05/2022	04/05/2022	05/05/2022	06/05/2022
Rainfall(mm)	2	1	7	8	2
T-Max(°C)	35	33	35	37	37
T-Min(°C)	28	28	28	28	28
Cloud Cover(octa)	3	1	3	3	3
RH Max (%)	82	83	81	86	88
RH Min (%)	31	37	30	22	22
Wind Speed (Kmph)	15	22	20	14	16
Wind Direction (deg)	180	180	180	180	162

Agromet Advisory

General advisory: As thunderstorm with lightning /gusty winds (speed 40-50 kmph) with light rainfall is forecasted in upcoming 5 days Farmers should harvest matured green gram, black gram, Maize, Cucurbits and other vegetables and keep the produce at safer places, provide mechanical support to young fruit plants and vegetables to prevent the crops from lodging due to strong winds, avoid standing in the open or working in the fields during thunderstorm/lightning period. Farmers should pause all farm activities in upcoming 5 days.

Pulses:

Harvest matured pulses as light to moderate rainfall or thundershower is forecasted from today on wards 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. If there will be infestation of **Stem rot** at vegetative stage as rainfall is forecasted, farmers may drench the crop root with Mancozeb 35.0%SC 3gram/ltr of water or validamycin 2ml/ltr of water.

Vegetables: After rain there may be chances of increase in infestation of wilting in vegetables. To prevent from wilting or partial wilting in brinjal, Chilli and Okra apply Neem or Karanjaa cake and spray (basal + foliar) Tebuconazole fungicide @ 1ml/liter.

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:

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 **helicopterpa infestation** will be found, spray Flunendiamide or indoxacarb 2ml/ltr of water.

Cucurbits:

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. 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: Banana: If **rhizome rot** will be noticed in the field, drench the solution of Copper oxy chloride at 3g per L of water. For **leaf spot/sigatoka** as a precautionary measure spray carbendazim + mancozeb @ 2.0 g / litre of water followed by (15 days after) chlorothalnil @ 2.0 g / litre of water.

Mango: For control of mango **fruit borer** spray Neem oil 3ml + chloripyrifos 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.

Papaya: After rain due to water logging there may be increase in the infestation of **phytopthera crown rot or foot rot** in papaya, so farmers should drain out excess water and drench the soil with fungicide like thiophanate methyl 70%wp 2-4g/ltr of water.

Animal husbandry:

Make necessary arrangement for clean and sufficient drinking water for the animals. keep farm animals indoor during the thunderstorm period.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-293
Date- 01/05/2022

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 **38.5°C (1.5°C from normal)** and 26.85°C (2.5°C from normal), respectively. Mean relative humidity of the district was around 65-79%.

Forecasted period: Today(8.30IST) to 07th May(8.30IST)2022

Weather advisory: *Very light to light rainfall / Thundershower is forecasted for upcoming 5 days in the block.* The day temperature will be 32-37°C and night temperature will be 28-29°C for upcoming 5 days. Maximum and minimum relative humidity will be 81-88% and 25-40% 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	02/05/2022	03/05/2022	04/05/2022	05/05/2022	06/05/2022
Rainfall(mm)	3	5	6	6	2
T-Max(°C)	34	32	35	37	37
T-Min(°C)	28	29	28	29	29
Cloud Cover(octa)	2	1	4	3	3
RH Max (%)	84	84	81	86	88
RH Min (%)	35	40	37	25	27
Wind Speed (Kmph)	17	26	21	17	18
Wind Direction (deg)	180	201	189	198	167

Agromet Advisory

General advisory: As thunderstorm with lightning /gusty winds (speed 40-50 kmph) with light rainfall is forecasted in upcoming 5 days Farmers should harvest matured green gram, black gram, Maize, Cucurbits and other vegetables and keep the produce at safer places, provide mechanical support to young fruit plants and vegetables to prevent the crops from lodging due to strong winds, avoid standing in the open or working in the fields during thunderstorm/lightning period. Farmers should pause all farm activities in upcoming 5 days.

Pulses:

Harvest matured pulses as light to moderate rainfall or thundershower is forecasted from today on wards 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. If there will be infestation of **Stem rot** at vegetative stage as rainfall is forecasted, farmers may drench the crop root with Mancozeb 35.0%SC 3gram/ltr of water or validamycin 2ml/ltr of water.

Vegetables:

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Pointed gourd is at flowering and fruiting stage. Present weather may aggravate fruit and vine rot (symptoms: **leaf spot, leaf blight, stem rot, fruit rot**) of pointed gourd. If observe remove damaged fruit and vines from the field and should not be kept in and around the field. Spray alternately Copper Oxichloride 50% WP @ 3 g/litre of water and Metalaxyl 8% + Mancozeb 64% @ 2.5 g/litre of water in clear and dry weather.

Fruit:

Banana: If rhizome rot will be noticed in the field, drench the solution of Copper oxy chloride at 3g per L of water. For **leaf spot/sigatoka** as a precautionary measure spray carbendazim + mancozeb @ 2.0 g / litre of water followed by (15 days after) chlorothalnil @ 2.0 g / litre of water.

Mango: 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.

Papaya: After rain due to water logging there may be increase in the infestation of **phytophthora crown rot or foot rot** in papaya, so farmers should drain out excess water and drench the soil with fungicide like thiophanate methyl 70%wp 2-4g/ltr of water.

Animal husbandry:

Make necessary arrangement for clean and sufficient drinking water for the animals. keep farm animals indoor during the thunderstorm period.

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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.-293

Date- 01/05/2022

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 **38.5°C (1.5°C from normal)** and **26.85°C (2.5°C from normal)**, respectively. Mean relative humidity of the district was around 65-79%.

Forecasted period: Today(8.30IST) to 07th May(8.30IST)2022

Weather Advisory: *Very light to light rainfall / Thundershower is forecasted for upcoming 5 days in the block.* The day temperature will be **32-38°C** and night temperature will be **28-29°C** for upcoming 5 days. Maximum and minimum relative humidity will be 81-88% and 26-40% respectively. **There will be clear to partly cloudy sky for next 5 days.**

Block	Banki-Dampara (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	02/05/2022	03/05/2022	04/05/2022	05/05/2022	06/05/2022
Rainfall(mm)	4	5	6	6	2
T-Max(°C)	34	32	35	38	37
T-Min(°C)	28	29	28	29	29
Cloud Cover(octa)	2	1	4	3	3
RH Max (%)	84	85	81	86	88
RH Min (%)	36	40	38	26	28
Wind Speed (Kmph)	17	26	21	17	18
Wind Direction (deg)	193	201	189	198	167

Agromet Advisory

General advisory: As thunderstorm with lightning /gusty winds (speed 40-50 kmph) with light rainfall is forecasted in upcoming 5 days Farmers should harvest matured green gram, black gram, Maize, Cucurbits and other vegetables and keep the produce at safer places, provide mechanical support to young fruit plants and vegetables to prevent the crops from lodging due to strong winds, avoid standing in the open or working in the fields during thunderstorm/lightning period. Farmers should pause all farm activities in upcoming 5 days.

Pulses:

Harvest matured pulses as light to moderate rainfall or thundershower is forecasted from today on wards 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. If there will be infestation of **Stem rot** at vegetative stage as rainfall is forecasted, farmers may drench the crop root with Mancozeb 35.0%SC 3gram/ltr of water or validamycin 2ml/ltr of water.

Vegetables:

After rain there may be chances of increase in infestation of wilting in vegetables. To prevent from wilting or partial wilting in brinjal, Chilli and Okra apply Neem or Karanjaa cake and spray (basal + foliar) Tebuconazole fungicide @ 1ml/liter.

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:

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:

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. 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: Banana: If **rhizome rot** will be noticed in the field, drench the solution of Copper oxy chloride at 3g per L of water. For **leaf spot/sigatoka** as a precautionary measure spray carbendazim + mancozeb @ 2.0 g / litre of water followed by (15 days after) chlorothalnil @ 2.0 g / litre of water.

Mango: 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.

Papaya: After rain due to water logging there may be increase in the infestation of **phytophthora crown rot or foot rot** in papaya, so farmers should drain out excess water and drench the soil with fungicide like thiophanate methyl 70%wp 2-4g/ltr of water.

Animal husbandry: Make necessary arrangement for clean and sufficient drinking water for the animals. keep farm animals indoor during the thunderstorm period.

Dr Sujata Sethy
(Nodal officer)



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Debasish Jena

SMS (Agrometeorology)

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Bulletin No.-293
Date- 01/05/2022

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 **38.5°C (1.5°C from normal)** and **26.85°C (2.5°C from normal)**, respectively. Mean relative humidity of the district was around 65-79%.

Forecasted period: Today(8.30IST) to 07th May (8.30IST)2022

Weatheradvisory:; *Very light to light rainfall / Thundershower is forecasted for upcoming 5 days in the block.* The day temperature will be **31-36°C** and night temperature will be **27-29°C** for upcoming 5 days. Maximum and minimum relative humidity will be 81-89% and 32-41% 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	02/05/2022	03/05/2022	04/05/2022	05/05/2022	06/05/2022
Rainfall(mm)	3	4	6	6	2
T-Max(°C)	33	31	34	36	36
T-Min(°C)	28	28	27	29	29
Cloud Cover	2	2	4	3	3
RH Max (%)	86	84	81	86	89
RH Min (%)	35	41	40	33	32
Wind Speed (Kmph)	21	28	21	20	18
Wind Direction (deg)	203	201	200	201	180

Agromet Advisory

General advisory: As thunderstorm with lightning /gusty winds (speed 40-50 kmph) with light rainfall is forecasted in upcoming 5 days Farmers should harvest matured green gram, black gram, Maize, Cucurbits and other vegetables and keep the produce at safer places, provide mechanical support to young fruit plants and vegetables to prevent the crops from lodging due to strong winds, avoid standing in the open or working in the fields during thunderstorm/lightning period. Farmers should pause all farm activities in upcoming 5 days.

Pulses:

Harvest matured pulses as light to moderate rainfall or thundershower is forecasted from today on wards 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. If there will be infestation of **Stem rot** at vegetative stage as rainfall is forecasted, farmers may drench the crop root with Mancozeb 35.0%SC 3gram/ltr of water or validamycin 2ml/ltr of water.

Vegetables: After rain there may be chances of increase in infestation of wilting in vegetables. To prevent from wilting or partial wilting in brinjal, Chilli and Okra apply Neem or Karanjaa cake and spray (basal + foliar) Tebuconazole fungicide @ 1ml/liter.

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:

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 **helicopterpa infestation** will be found, spray Flunendiamide or indoxacarb 2ml/ltr of water.

Cucurbits:

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. 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: Banana: If rhizome rot will be noticed in the field, drench the solution of Copper oxy chloride at 3g per L of water. For **leaf spot/sigatoka** as a precautionary measure spray carbendazim + mancozeb @ 2.0 g / litre of water followed by (15 days after) chlorothalnil @ 2.0 g / litre of water.

Mango: 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.

Papaya: After rain due to water logging there may be increase in the infestation of **phytophthora crown rot or foot rot** in papaya, so farmers should drain out excess water and drench the soil with fungicide like thiophanate methyl 70%wp 2-4g/ltr of water.

Animal husbandry:

Make necessary arrangement for clean and sufficient drinking water for the animals. keep farm animals indoor during the thunderstorm period.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-293
Date- 01/05/2022

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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 **38.5°C (1.5°C from normal)** and **26.85°C (2.5°C from normal)**, respectively. Mean relative humidity of the district was around 65-79%.

Forecasted period: Today(8.30IST) to 07th May (8.30IST)2022

Weather advisory: *Very light to light rainfall / Thundershower is forecasted for upcoming 5 days in the block.* The day temperature will be **30-35°C** and night temperature will be **27-29°C** for upcoming 5 days. Maximum and minimum relative humidity will be 81-87% and 28-39% 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	02/05/2022	03/05/2022	04/05/2022	05/05/2022	06/05/2022
Rainfall(mm)	2	4	7	7	1
T-Max(°C)	33	30	33	35	35
T-Min(°C)	29	29	27	29	29
Cloud Cover(octa)	2	1	4	3	3
RH Max (%)	86	82	81	86	87
RH Min (%)	31	39	38	28	30
Wind Speed (Kmph)	21	27	20	19	18
Wind Direction (deg)	199	201	203	198	180

Agromet Advisory

General advisory: As thunderstorm with lightning /gusty winds (speed 40-50 kmph) with light to moderate rainfall is forecasted in upcoming 5 days Farmers should harvest matured green gram, black gram, Maize, Cucurbits and other vegetables and keep the produce at safer places, provide mechanical support to young fruit plants and vegetables to prevent the crops from lodging due to strong winds, avoid standing in the open or working in the fields during thunderstorm/lightning period. Farmers should pause all farm activities in upcoming 5 days.

Pulses:

Harvest matured pulses as light to moderate rainfall or thundershower is forecasted from today on wards 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. If there will be infestation of **Stem rot** at vegetative stage as rainfall is forecasted, farmers may drench the crop root with Mancozeb 35.0%SC 3gram/ltr of water or validamycin 2ml/ltr of water.

Vegetables: After rain there may be chances of increase in infestation of wilting in vegetables. To prevent from wilting or partial wilting in brinjal, Chilli and Okra apply Neem or Karanjaa cake and spray (basal + foliar) Tebuconazole fungicide @ 1ml/liter.

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:

If **phomopsis blight** will occur in brinjal, then spray zineb75%WP 2gram/litr of water. **Cercospora leaf spot** may be found after rainfall, if observe, then spray Carbendazim or zineb75%WP 2gram/litr of water. If **helicopterpa infestation** will be found, spray Flunendiamide or indoxacarb 2ml/litr of water.

Cucurbits:

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. 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:

Banana: If **rhizome rot** will be noticed in the field, drench the solution of Copper oxy chloride at 3g per L of water. For **leaf spot/sigatoka** as a precautionary measure spray carbendazim + mancozeb @ 2.0 g / litre of water followed by (15 days after) chlorothalnil @ 2.0 g / litre of water.

Mango: 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.

Papaya: After rain due to water logging there may be increase in the infestation of **phytophthora crown rot or foot rot** in papaya, so farmers should drain out excess water and drench the soil with fungicide like thiophanate methyl 70%wp 2-4g/ltr of water.

Animal husbandry:

Make necessary arrangement for clean and sufficient drinking water for the animals. keep farm animals indoor during the thunderstorm period.

Dr Sujata Sathy
(Nodal officer)



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Bulletin No.-293
Date- 01/05/2022

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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 **38.5°C (1.5°C from normal)** and **26.85°C (2.5°C from normal)**, respectively. Mean relative humidity of the district was around 65-79%.

Forecasted period: Today(8.30IST) to 07th May(8.30IST)2022

Weather advisory: *Very light to light rainfall / Thundershower is forecasted for upcoming 5 days in the block.* The day temperature will be **32-37°C** and night temperature will be **25-28°C** for upcoming 5 days. Maximum and minimum relative humidity will be 84-90% and 37-45% 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	02/05/2022	03/05/2022	04/05/2022	05/05/2022	06/05/2022
Rainfall(mm)	1	2	8	7	1
T-Max(°C)	33	32	34	36	37
T-Min(°C)	28	28	25	28	28
Cloud Cover(octa)	2	1	4	3	3
RH Max (%)	86	84	84	84	90
RH Min (%)	40	45	45	40	37
Wind Speed (Kmph)	22	28	22	22	18
Wind Direction (deg)	203	201	200	201	198

Agromet Advisory

General advisory: As thunderstorm with lightning /gusty winds (speed 40-50 kmph) with light rainfall is forecasted in upcoming 5 days Farmers should harvest matured green gram, black gram, Maize, Cucurbits and other vegetables and keep the produce at safer places, provide mechanical support to young fruit plants and vegetables to prevent the crops from lodging due to strong winds, avoid standing in the open or working in the fields during thunderstorm/lightning period. Farmers should pause all farm activities in upcoming 5 days.

Pulses:

Harvest matured pulses as light to moderate rainfall or thundershower is forecasted from today on wards 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. If there will be infestation of **Stem rot** at vegetative stage as rainfall is forecasted, farmers may drench the crop root with Mancozeb 35.0%SC 3gram/ltr of water or validamycin 2ml/ltr of water.

Vegetables: After rain there may be chances of increase in infestation of wilting in vegetables. To prevent from wilting or partial wilting in brinjal, Chilli and Okra apply Neem or Karanjaa cake and spray (basal + foliar) Tebuconazole fungicide @ 1ml/liter.

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:

If **phomopsis blight** will occur in brinjal, then spray zineb75%WP 2gram/litr of water. **Cercospora leaf spot** may be found after rainfall, if observe, then spray Carbendazim or zineb75%WP 2gram/litr of water. If **helicopter infestation** will be found, spray Flunendiamide or indoxacarb 2ml/litr of water.

Cucurbits:

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. 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:

Banana: If **rhizome rot** will be noticed in the field, drench the solution of Copper oxy chloride at 3g per L of water. For **leaf spot/sigatoka** as a precautionary measure spray carbendazim + mancozeb @ 2.0 g / litre of water followed by (15 days after) chlorothalnil @ 2.0 g/ litre of water.

Mango: 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.

Papaya: After rain due to water logging there may be increase in the infestation of **phytophthora crown rot or foot rot** in papaya, so farmers should drain out excess water and drench the soil with fungicide like thiophanate methyl 70%wp 2-4g/ltr of water.

Animal husbandry:

Make necessary arrangement for clean and sufficient drinking water for the animals. keep farm animals indoor during the thunderstorm period.

Dr Sujata Sathy
(Nodal officer)



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AGROMET ADVISORY BULLETIN FOR MAHANGA



Bulletin No.-293

Date- 01/05/2022

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 **38.5°C (1.5°C from normal)** and **26.85°C (2.5°C from normal)**, respectively. Mean relative humidity of the district was around 65-79%.

Forecasted period: Today(8.30IST) to 07th May(8.30IST)2022

Weather advisory: *Very light/Light to moderate rainfall / Thundershower is forecasted for upcoming 5 days in the block.* The day temperature will be and it will be **31-36°C** and night temperature will be **25-28°C** for upcoming 5 days. Maximum and minimum relative humidity will be 79-88% and 34-40% 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	02/05/2022	03/05/2022	04/05/2022	05/05/2022	06/05/2022
Rainfall(mm)	4	7	13	11	2
T-Max(°C)	34	31	35	36	36
T-Min(°C)	28	28	25	28	28
Cloud Cover(octal)	2	1	3	4	3
RH Max (%)	84	79	86	84	88
RH Min (%)	34	40	40	35	34
Wind Speed (Kmph)	23	27	21	19	18
Wind Direction (deg)	203	201	203	201	193

Agromet Advisory

General advisory: As thunderstorm with lightning /gusty winds (speed 40-50 kmph) with light to moderate rainfall is forecasted in upcoming 5 days Farmers should harvest matured green gram, black gram, Maize, Cucurbits and other vegetables and keep the produce at safer places, provide mechanical support to young fruit plants and vegetables to prevent the crops from lodging due to strong winds, avoid standing in the open or working in the fields during thunderstorm/lightning period. Farmers should pause all farm activities in upcoming 5 days.

Pulses:

Harvest matured pulses as light to moderate rainfall or thundershower is forecasted from today on wards 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. If there will be infestation of **Stem rot** at vegetative stage as rainfall is forecasted, farmers may drench the crop root with Mancozeb 35.0%SC 3gram/ltr of water or validamycin 2ml/ltr of water.

Vegetables: After rain there may be chances of increase in infestation of wilting in vegetables. To prevent from wilting or partial wilting in brinjal, Chilli and Okra apply Neem or Karanjaa cake and spray (basal + foliar) Tebuconazole fungicide @ 1ml/liter.

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:

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:

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. 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:

Banana: If **rhizome rot** will be noticed in the field, drench the solution of Copper oxy chloride at 3g per L of water. For **leaf spot/sigatoka** as a precautionary measure spray carbendazim + mancozeb @ 2.0 g / litre of water followed by (15 days after) chlorothalnil @ 2.0 g/ litre of water.

Mango: 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.

Papaya: After rain due to water logging there may be increase in the infestation of **phytophthora crown rot or foot rot** in papaya, so farmers should drain out excess water and drench the soil with fungicide like thiophanate methyl 70%wp 2-4g/ltr of water.

Animal husbandry:

Make necessary arrangement for clean and sufficient drinking water for the animals. keep farm animals indoor during the thunderstorm period.

Dr Sujata Sethy
(Nodal officer)



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GRAMIN KRISHIMAUSAM 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.-293

Date- 01/05/2022

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 **38.5°C (1.5°C from normal)** and **26.85°C (2.5°C from normal)**, respectively. Mean relative humidity of the district was around 65-79%.

Forecasted period: Today(8.30IST) to 07th May(8.30IST)2022

Weather advisory: *Very light to light rainfall / Thundershower is forecasted for upcoming 5 days in the block.* The day temperature will be **35-39°C** and night temperature will be **26-28°C** for upcoming 5 days. Maximum and minimum relative humidity will be 81-87% and 18-27% respectively. **There will be clear to partly cloudy sky for next 5 days.**

Block	Narasinghpur (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	02/05/2022	03/05/2022	04/05/2022	05/05/2022	06/05/2022
Rainfall(mm)	2	2	6	7	1
T-Max(°C)	36	35	38	37	39
T-Min(°C)	26	27	28	27	27
Cloud Cover(/octa)	3	1	3	3	3
RH Max (%)	82	81	81	85	87
RH Min (%)	26	27	20	20	18
Wind Speed (Kmph)	11	15	16	10	11
Wind Direction (deg)	195	189	191	180	158

Agromet Advisory

General advisory: As thunderstorm with lightning /gusty winds (speed 40-50 kmph) with light rainfall is forecasted in upcoming 5 days Farmers should harvest matured green gram, black gram, Maize, Cucurbits and other vegetables and keep the produce at safer places, provide mechanical support to young fruit plants and vegetables to prevent the crops from lodging due to strong winds, avoid standing in the open or working in the fields during thunderstorm/lightning period. Farmers should pause all farm activities in upcoming 5 days.

Pulses:

Harvest matured pulses as light to moderate rainfall or thundershower is forecasted from today on wards 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. If there will be infestation of **Stem rot** at vegetative stage as rainfall is forecasted, farmers may drench the crop root with Mancozeb 35.0%SC 3gram/ltr of water or validamycin 2ml/ltr of water.

Vegetables: After rain there may be chances of increase in infestation of wilting in vegetables. To prevent from wilting or partial wilting in brinjal, Chilli and Okra apply Neem or Karanjaa cake and spray (basal + foliar) Tebuconazole fungicide @ 1ml/liter.

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:

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:

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. 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:

Banana: If **rhizome rot** will be noticed in the field, drench the solution of Copper oxy chloride at 3g per L of water. For **leaf spot/sigatoka** as a precautionary measure spray carbendazim + mancozeb @ 2.0 g / litre of water followed by (15 days after) chlorothalnil @ 2.0 g / litre of water.

Mango: For control of mango **fruit borer** spray Neem oil 3ml + chloripyrifos 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.

Papaya: After rain due to water logging there may be increase in the infestation of **phytophthora crown rot or foot rot** in papaya, so farmers should drain out excess water and drench the soil with fungicide like thiophanate methyl 70%wp 2-4g/ltr of water.

Animal husbandry:

Make necessary arrangement for clean and sufficient drinking water for the animals. keep farm animals indoor during the thunderstorm period.

Dr Sujata Sethy
(Nodal officer)



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Debasish Jena
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Bulletin No.-293
Date- 01/05/2022

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 **38.5°C (1.5°C from normal)** and **26.85°C (2.5°C from normal)**, respectively. Mean relative humidity of the district was around 65-79%.

Forecasted period: Today(8.30IST) to 07th May(8.30IST)2022

Weather advisory: *Very light to light rainfall / Thundershower is forecasted for upcoming 5 days in the block.* The day temperature will be **33-37°C** and night temperature will be **25-28°C** for upcoming 5 days. Maximum and minimum relative humidity will be 84-91% and 43-50% 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	02/05/2022	03/05/2022	04/05/2022	05/05/2022	06/05/2022
Rainfall(mm)	2	2	7	8	2
T-Max(°C)	33	33	35	37	37
T-Min(°C)	28	28	25	28	28
Cloud Cover(octa)	2	1	4	3	3
RH Max (%)	86	85	88	84	91
RH Min (%)	44	49	50	45	43
Wind Speed(Kmph)	23	28	23	22	19
Wind Direction(deg)	203	201	206	203	198

Agromet Advisory

General advisory: As thunderstorm with lightning /gusty winds (speed 40-50 kmph) with light rainfall is forecasted in upcoming 5 days Farmers should harvest matured green gram, black gram, Maize, Cucurbits and other vegetables and keep the produce at safer places, provide mechanical support to young fruit plants and vegetables to prevent the crops from lodging due to strong winds, avoid standing in the open or working in the fields during thunderstorm/lightning period. Farmers should pause all farm activities in upcoming 5 days.

Pulses:

Harvest matured pulses as light to moderate rainfall or thundershower is forecasted from today on wards 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. If there will be infestation of **Stem rot** at vegetative stage as rainfall is forecasted, farmers may drench the crop root with Mancozeb 35.0%SC 3gram/ltr of water or validamycin 2ml/ltr of water.

Vegetables: After rain there may be chances of increase in infestation of wilting in vegetables. To prevent from wilting or partial wilting in brinjal, Chilli and Okra apply Neem or Karanjaa cake and spray (basal + foliar) Tebuconazole fungicide @ 1ml/liter.

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:

If **phomopsis blight** will occur in brinjal, then spray zineb75%WP 2gram/litr of water. **Cercospora leaf spot** may be found after rainfall, if observe, then spray Carbendazim or zineb75%WP 2gram/litr of water. If **helioverpa infestation** will be found, spray Flunendiamide or indoxacarb 2ml/litr of water.

Cucurbits:

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. 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:

Banana: If rhizome rot will be noticed in the field, drench the solution of Copper oxy chloride at 3g per L of water. For **leaf spot/sigatoka** as a precautionary measure spray carbendazim + mancozeb @ 2.0 g / litre of water followed by (15 days after) chlorothalnil @ 2.0 g/ litre of water.

Mango: 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.

Papaya: After rain due to water logging there may be increase in the infestation of **phytophthora crown rot or foot rot** in papaya, so farmers should drain out excess water and drench the soil with fungicide like thiophanate methyl 70%wp 2-4g/ltr of water.

Animal husbandry:

Make necessary arrangement for clean and sufficient drinking water for the animals. keep farm animals indoor during the thunderstorm period.

Dr Sujata Sethy
 (Nodal officer)



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Bulletin No.-293
Date- 01/05/2022

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AGROMET ADVISORY BULLETIN FOR NISCHINTAKOILI

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 **38.5°C (1.5°C from normal)** and **26.85°C (2.5°C from normal)**, respectively. Mean relative humidity of the district was around 65-79%.

Forecasted period: Today(8.30IST) to 07th May(8.30IST)2022

Weatheradvisory: *Very light/Light to moderate rainfall / Thundershower is forecasted for upcoming 5 days in the block.* The day temperature will be **31-36°C** and night temperature will be **25-28°C** for upcoming 5 days. Maximum and minimum relative humidity will be **80-89%** and **35-41%** 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	02/05/2022	03/05/2022	04/05/2022	05/05/2022	06/05/2022
Rainfall(mm)	1	2	11	9	3
T-Max(°C)	34	31	35	36	36
T-Min(°C)	28	28	25	28	28
Cloud Cover(octa)	2	1	4	4	3
RH Max (%)	85	80	84	84	89
RH Min (%)	36	41	41	39	35
Wind Speed (Kmph)	23	27	22	19	18
Wind Direction (deg)	203	201	203	201	193

Agromet Advisory

General advisory: As thunderstorm with lightning /gusty winds (speed 40-50 kmph) with light to moderate rainfall is forecasted in upcoming 5 days Farmers should harvest matured green gram, black gram, Maize, Cucurbits and other vegetables and keep the produce at safer places, provide mechanical support to young fruit plants and vegetables to prevent the crops from lodging due to strong winds, avoid standing in the open or working in the fields during thunderstorm/lightning period. Farmers should pause all farm activities in upcoming 5 days.

Pulses:

Harvest matured pulses as light to moderate rainfall or thundershower is forecasted from today on wards 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. If there will be infestation of **Stem rot** at vegetative stage as rainfall is forecasted, farmers may drench the crop root with Mancozeb 35.0%SC 3gram/ltr of water or validamycin 2ml/ltr of water.

Vegetables: After rain there may be chances of increase in infestation of wilting in vegetables. To prevent from wilting or partial wilting in brinjal, Chilli and Okra apply Neem or Karanjaa cake and spray (basal + foliar) Tebuconazole fungicide @ 1ml/liter.

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:

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 **helicopterpa infestation** will be found, spray Flunendiamide or indoxacarb 2ml/ltr of water.

Cucurbits:

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. Present weather may aggravate fruit and vine rot (symptoms: **leaf spot, leaf blight, stem rot, fruit rot**) of pointed gourd. If observe remove damaged fruit and vines from the field and should not be kept in and around the field. Spray alternately Copper Oxichloride 50% WP @ 3 g/litre of water and Metalaxyl 8% + Mancozeb 64% @ 2.5 g/litre of water in clear and dry weather.

Fruit:

Banana: If **rhizome rot** will be noticed in the field, drench the solution of Copper oxy chloride at 3g per L of water. For **leaf spot/sigatoka** as a precautionary measure spray carbendazim + mancozeb @ 2.0 g / litre of water followed by (15 days after) chlorothalnil @ 2.0 g / litre of water.

Mango: 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.

Papaya: After rain due to water logging there may be increase in the infestation of **phytophthora crown rot or foot rot** in papaya, so farmers should drain out excess water and drench the soil with fungicide like thiophanate methyl 70%wp 2-4g/ltr of water.

Animal husbandry:

Make necessary arrangement for clean and sufficient drinking water for the animals. keep farm animals indoor during the thunderstorm period.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-293
Date- 01/05/2022

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 **38.5°C (1.5°C from normal)** and **26.85°C (2.5°C from normal)**, respectively. Mean relative humidity of the district was around 65-79%.

Forecasted period: Today(8.30IST) to 07th May(8.30IST)2022

Weather advisory: *Very light/Light to moderate rainfall / Thundershower is forecasted for upcoming 5 days in the block.* The day temperature will be **31-36°C** and night temperature will be **25-28°C** for upcoming 5 days. Maximum and minimum relative humidity will be 80-89% and 34-41% 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	02/05/2022	03/05/2022	04/05/2022	05/05/2022	06/05/2022
Rainfall(mm)	1	6	12	7	2
T-Max(°C)	33	31	34	36	36
T-Min(°C)	28	28	25	28	28
Cloud Cover(octa)	2	1	4	4	3
RH Max (%)	85	80	84	85	89
RH Min (%)	35	41	41	37	34
Wind Speed (Kmph)	23	27	21	19	18
Wind Direction (deg)	203	201	203	201	193

Agromet Advisory

General advisory: As thunderstorm with lightning /gusty winds (speed 40-50 kmph) with light to moderate rainfall is forecasted in upcoming 5 days Farmers should harvest matured green gram, black gram, Maize, Cucurbits and other vegetables and keep the produce at safer places, provide mechanical support to young fruit plants and vegetables to prevent the crops from lodging due to strong winds, avoid standing in the open or working in the fields during thunderstorm/lightning period. Farmers should pause all farm activities in upcoming 5 days.

Pulses:

Harvest matured pulses as light to moderate rainfall or thundershower is forecasted from today on wards 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. If there will be infestation of **Stem rot** at vegetative stage as rainfall is forecasted, farmers may drench the crop root with Mancozeb 35.0%SC 3gram/ltr of water or validamycin 2ml/ltr of water.

Vegetables: After rain there may be chances of increase in infestation of wilting in vegetables. To prevent from wilting or partial wilting in brinjal, Chilli and Okra apply Neem or Karanjaa cake and spray (basal + foliar) Tebuconazole fungicide @ 1ml/liter.

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:

If **phomopsis blight** will occur in brinjal, then spray zineb75%WP 2gram/litr of water. **Cercospora leaf spot** may be found after rainfall, if observe, then spray Carbendazim or zineb75%WP 2gram/litr of water. If **helioverpa infestation** will be found, spray Flunendiamide or indoxacarb 2ml/litr of water.

Cucurbits:

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. 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:

Banana: If **rhizome rot** will be noticed in the field, drench the solution of Copper oxy chloride at 3g per L of water. For **leaf spot/sigatoka** as a precautionary measure spray carbendazim + mancozeb @ 2.0 g / litre of water followed by (15 days after) chlorothalnil @ 2.0 g/ litre of water.

Mango: 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.

Papaya: After rain due to water logging there may be increase in the infestation of **phytophthora crown rot or foot rot** in papaya, so farmers should drain out excess water and drench the soil with fungicide like thiophanate methyl 70%wp 2-4g/ltr of water.

Animal husbandry:

Make necessary arrangement for clean and sufficient drinking water for the animals. keep farm animals indoor during the thunderstorm period.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-293

Date- 01/05/2022

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 **38.5°C (1.5°C from normal)** and **26.85°C (2.5°C from normal)**, respectively. Mean relative humidity of the district was around 65-79%.

Forecasted period: Today(8.30IST) to 07th May(8.30IST)2022

Weatheradvisory: *Very light/Light to moderate rainfall / Thundershower is forecasted for upcoming 5 days in the block.* The day temperature will be **35-36°C** and night temperature will be **26-29°C** for upcoming 5 days. Maximum and minimum relative humidity will be 83-89% and 50-58% 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	02/05/2022	03/05/2022	04/05/2022	05/05/2022	06/05/2022
Rainfall(mm)	4	8	13	11	1
T-Max(°C)	36	35	35	36	36
T-Min(°C)	29	29	26	29	28
Cloud Cover(octa)	2	1	4	4	3
RH Max (%)	86	84	83	84	89
RH Min (%)	54	56	58	50	51
Wind Speed (Kmph)	25	29	22	23	19
Wind Direction (deg)	203	201	206	203	193

Agromet Advisory

General advisory: As thunderstorm with lightning /gusty winds (speed 40-50 kmph) with light to moderate rainfall is forecasted in upcoming 5 days Farmers should harvest matured green gram, black gram, Maize, Cucurbits and other vegetables and keep the produce at safer places, provide mechanical support to young fruit plants and vegetables to prevent the crops from lodging due to strong winds, avoid standing in the open or working in the fields during thunderstorm/lightning period. Farmers should pause all farm activities in upcoming 5 days.

Pulses:

Harvest matured pulses as light to moderate rainfall or thundershower is forecasted from today on wards 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. If there will be infestation of **Stem rot** at vegetative stage as rainfall is forecasted, farmers may drench the crop root with Mancozeb 35.0%SC 3gram/ltr of water or validamycin 2ml/ltr of water.

Vegetables: After rain there may be chances of increase in infestation of wilting in vegetables. To prevent from wilting or partial wilting in brinjal, Chilli and Okra apply Neem or Karanjaa cake and spray (basal + foliar) Tebuconazole fungicide @ 1ml/liter.

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:

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 **helicopterpa infestation** will be found, spray Flunendiamide or indoxacarb 2ml/litr of water.

Cucurbits:

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. 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:

Banana: If **rhizome rot** will be noticed in the field, drench the solution of Copper oxy chloride at 3g per L of water. For **leaf spot/sigatoka** as a precautionary measure spray carbendazim + mancozeb @ 2.0 g / litre of water followed by (15 days after) chlorothalanil @ 2.0 g/ litre of water.

Mango: For control of mango **fruit borer** spray Neem oil 3ml + chloripyrifos 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.

Papaya: After rain due to water logging there may be increase in the infestation of **phytopthera crown rot or foot rot** in papaya, so farmers should drain out excess water and drench the soil with fungicide like thiophanate methyl 70%wp 2-4g/ltr of water.

Animal husbandry:

Make necessary arrangement for clean and sufficient drinking water for the animals. keep farm animals indoor during the thunderstorm period.

Dr Sujata Sathy
(Nodal officer)



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Bulletin No.-293
Date- 01/05/2022

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 **38.5°C (1.5°C from normal)** and **26.85°C (2.5°C from normal)**, respectively. Mean relative humidity of the district was around 65-79%.

Forecasted period: Today(8.30IST) to 07th May(8.30IST)2022

Weatheradvisory:: *Very light/Light to moderate rainfall / Thundershower is forecasted for upcoming 5 days in the block.*

The day temperature will be **32-37°C** and night temperature will be **28-29°C** for upcoming 5 days. Maximum and minimum relative humidity will be 82-88% and 22-38% 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	02/05/2022	03/05/2022	04/05/2022	05/05/2022	06/05/2022
Rainfall(mm)	2	5	11	7	2
T-Max(°C)	35	32	35	37	37
T-Min(°C)	28	29	28	29	29
Cloud Cover(octa)	2	1	3	3	3
RH Max (%)	84	84	82	87	88
RH Min (%)	30	38	32	23	22
Wind Speed (Kmph)	16	24	20	16	17
Wind Direction (deg)	189	193	195	193	163

Agro met Advisory

General advisory: As thunderstorm with lightning /gusty winds (speed 40-50 kmph) with light to moderate rainfall is forecasted in upcoming 5 days Farmers should harvest matured green gram, black gram, Maize, Cucurbits and other vegetables and keep the produce at safer places, provide mechanical support to young fruit plants and vegetables to prevent the crops from lodging due to strong winds, avoid standing in the open or working in the fields during thunderstorm/lightning period. Farmers should pause all farm activities in upcoming 5 days.

Pulses:

Harvest matured pulses as light to moderate rainfall or thundershower is forecasted from today on wards 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. If there will be infestation of **Stem rot** at vegetative stage as rainfall is forecasted, farmers may drench the crop root with Mancozeb 35.0%SC 3gram/ltr of water or validamycin 2ml/ltr of water.

Vegetables: After rain there may be chances of increase in infestation of wilting in vegetables. To prevent from wilting or partial wilting in brinjal, Chilli and Okra apply Neem or Karanjaa cake and spray (basal + foliar) Tebuconazole fungicide @ 1ml/liter.

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:

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 **helicopterpa infestation** will be found, spray Flunendiamide or indoxacarb 2ml/ltr of water.

Cucurbits:

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. Present weather may aggravate fruit and vine rot (symptoms: **leaf spot, leaf blight, stem rot, fruit rot**) of pointed gourd. If observe remove damaged fruit and vines from the field and should not be kept in and around the field. Spray alternately Copper Oxichloride 50% WP @ 3 g/litre of water and Metalaxyl 8% + Mancozeb 64% @ 2.5 g/litre of water in clear and dry weather.

Fruit:

Banana: If rhizome rot will be noticed in the field, drench the solution of Copper oxy chloride at 3g per L of water. For **leaf spot/sigatoka** as a precautionary measure spray carbendazim + mancozeb @ 2.0 g / litre of water followed by (15 days after) chlorothalnil @ 2.0 g / litre of water.

Mango: 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.

Papaya: After rain due to water logging there may be increase in the infestation of **phytophthora crown rot or foot rot** in papaya, so farmers should drain out excess water and drench the soil with fungicide like thiophanate methyl 70%wp 2-4g/ltr of water.

Animal husbandry:

Make necessary arrangement for clean and sufficient drinking water for the animals. keep farm animals indoor during the thunderstorm period.

Dr Sujata Sethy
(Nodal officer)



Follow Meghdoot Mobile APP for Agromet advisories in local language and DAMINI APP for Lightening alert in your area



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

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