

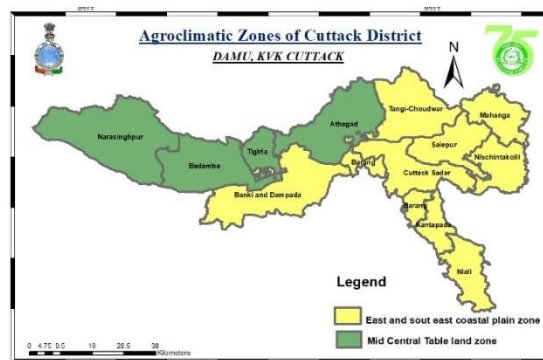


GRAMIN KRISHI MAUSAM SEWA
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DISTRICT AGROMET UNIT
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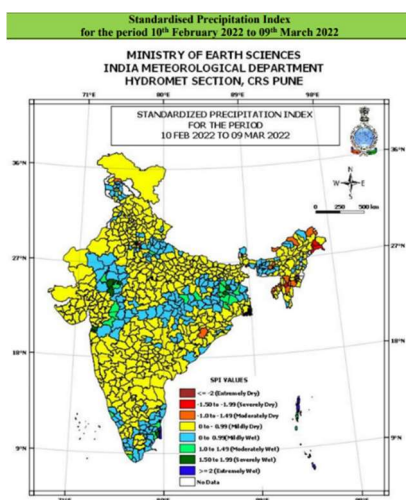


Bulletin No.-278
Date- 11/03/2022

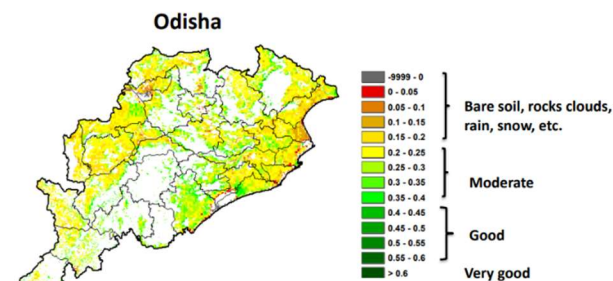
AGROCLIMATIC ZONES OF CUTTACK DISTRICT:



STANDARD PRECIPITATION INDEX AND NDVI MAP



NOAA/VIIRS/BLENDED NDVI Composite ending on Week no 09
(26.02.2022 to 04.03.2022) over Agricultural region



Agriculture vigour is good over isolated pockets of the state.

As per SPI value (cumulative 4weeks -10 February 2022 – 09March 2022), mildly dry condition was there in Cuttack district.

According to NDVI map (26.02.2022 to 04.03.2022) the agriculture vigor was very light to light over most eastern blocks and light to moderate over some western blocks of Cuttack district.

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

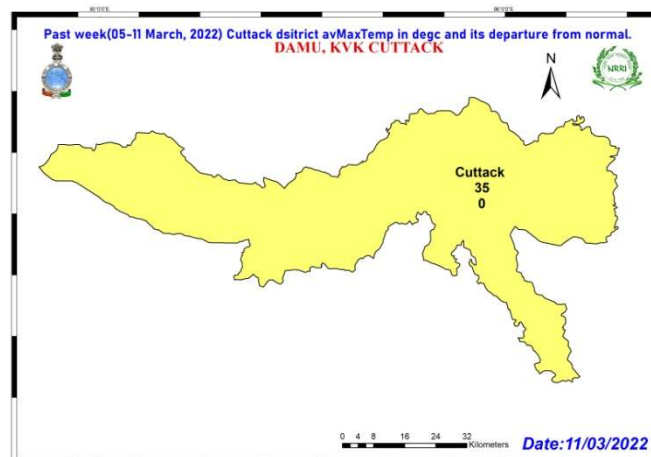
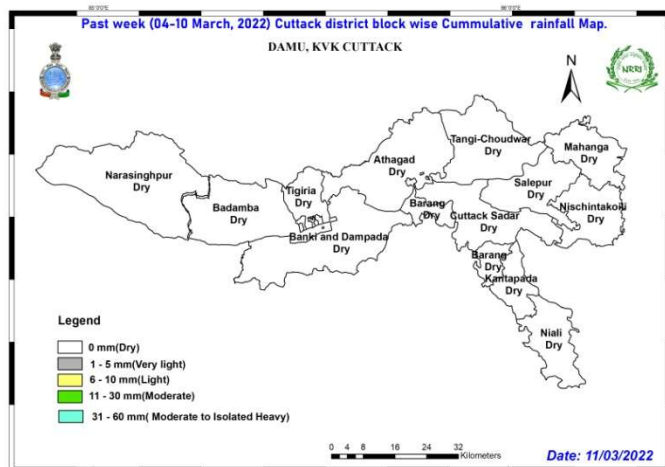


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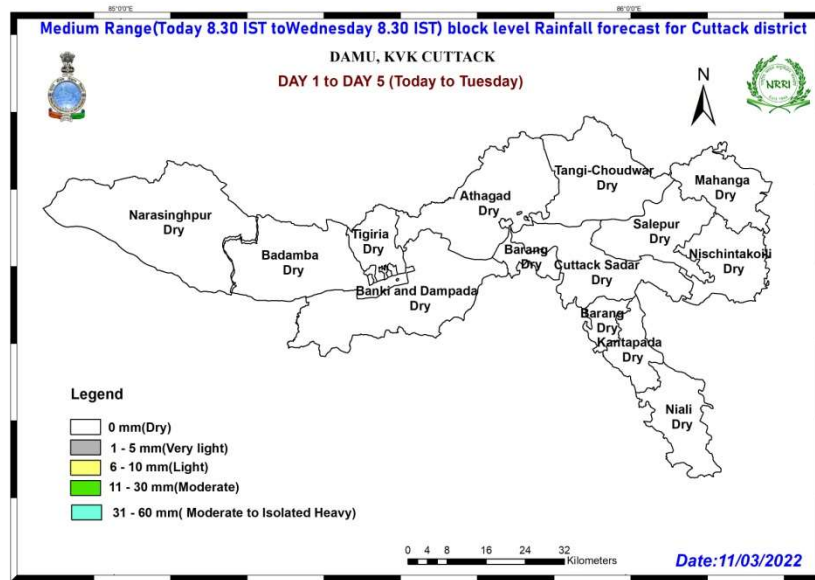


Bulletin No.-278
Date- 11/03/2022

Past week (04-10 March, 2022) cumulative rainfall and (05-11 March) average maximum temperature and its departure from normal for Cuttack district



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



Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-278
 Date- 11/03/2022

Met Sub division	Extended range outlook for subsequent 1 week (6 th to 12 th days) (16-22 March 2022)		
Odisha	<i>Parameter</i>	<i>Departure (%)</i>	<i>Category</i>
	Rainfall	-97.86	Below Normal
	<i>Parameter</i>	<i>Anomaly</i>	<i>Category</i>
	Maximum temperature	2.89	Above Normal
	Minimum temperature	-0.82	Below Normal

General Agromet Advisory:-As There will be below normal rainfall and above normal maximum temperature is forecasted in subsequent week, after upcoming 5 days, so farmers are advised to go for irrigation activities (mainly sprinkler and drip irrigation) as well as mulching to cover the soil in upcoming 5 days and in the subsequent week as there will be dry weather is forecasted. They should go for harvesting of matured green gram, black gram, groundnut and mustard in upcoming dry days.

Dr Sujata Sethy
 (Nodal officer)



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Bulletin No.-278

Date- 11/03/2022

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	Pulses (Green gram and black gram)	Flowering to pod development		Thrips
				YMV
2	Rabi Groundnut	Flowering to maturity		Leaf spot
				Thrips
3	Tomato	Flowering to Fruiting		Bacterial Canker
				Sun burn
				Flower drop
				Whitefly
4	Onion	Flowering		Purple blight
				Stemphylium Blight
5	Cucurbits	Flowering to Fruiting stage		Whitefly
				Late blight

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Bulletin No.-278
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				Tender fruit drop
6	Mango	Flowering to fruiting		Mango fruit drop
				Thrips
7	Cashew	Flowering to fruiting		Tea mosquito bug

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-278

Date- 11/03/2022

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 **34.71°C (+0.2°C from normal)** and **20.7°C (+0.4°C from normal)**, respectively. Mean relative humidity of the district was around 50-82%.

Forecasted period: Today(8.30IST) to 16th March (8.30IST)2022

Weather advisory: *Dry weather is forecasted for upcoming 5 days in the block.* The day temperature will be **35-38°C** and night temperature will be **21-23°C** for upcoming 5 days. Maximum and minimum relative humidity will be 58-76% and 07-15% 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	11/03/2022	12/03/2022	13/03/2022	14/03/2022	15/03/2022
Rainfall (mm)	0	0	0	0	0
T-Max (°C)	35	35	36	36	38
T-Min (°C)	23	22	21	21	21
Cloud Cover (octa)	1	2	3	4	0
RH Max (%)	67	67	58	63	76
RH Min (%)	13	15	12	9	7
Wind Speed (kmph)	8	8	5	8	12
Wind Direction (deg)	360	165	23	180	248

Agromet Advisory

General advisory: Looking to the increasing rate of temperature and dry weather farmers are advised to irrigate their crop field as per requirement and farmers should cover the soil with white mulch/polithine to conserve the soil moisture.

Pulses:

November to December sown crop is at pod formation to seed development (nine to twelve week) stage. **Flowering and pod development stage is sensitive to moisture stress; carry out irrigation as per the status of soil moisture.** Present weather conditions are favorable for the incidence of Sucking pest (thrips) in pulses to control advised to spray Fipronil @ @ 200ml/ac. In case of **YMV infestation** uproots and destroys the infected plant and spray imidacloprid 50ml/acre mixing with 200 lit of water.

Rabi-Groundnut:

If groundnut are at harvesting stage then go for harvesting in upcoming dry days. Present weather conditions are favourable for **leaf spot and thrips**. To control spray hexaconazole @ 2.0 ml per lit of water.

Mustard:

If 80% pods are mature in the field then complete harvesting immediately in upcoming dry days.

Vegetables:

Tomato:

Due to increase in temperature there may be chances of **bacterial canker and Sun burn** disease in tomato at fruiting stage. To control bacterial canker Farmers should spray Copper oxychloride 50% WP @ 3 g + Plantomycin @ 1 g/litre of water. They should use shade net to protect the crop from sun burn. **White flies** causes leaf curl disease in Tomato. Uproot and destroy the diseased leaf curl plants. Use nitrogen and irrigation judiciously.

Potato:

- This is the ideal time for potato harvesting, complete harvesting immediately.
- **Onion:**
- Onion being a shallow rooted crop, **needs frequent light irrigation to maintain optimum soil moisture for proper growth and bulb development.** There are chances of **purple blotch and Stemphyllium blight** disease incidence in onion crop. To manage purple blotch and Stemphyllium leaf blight disease in onion spray Mancozeb 75% WP @ 600gram/acre or Difenconazole 25% E.C @ 200ml/acre or Tebuconazole 25.9% E.C @ 100ml/acre by mixing in 200 litre of water at 15 days interval.
- **Okra:**
- Keeping increasing temperature in view, start field's preparation for sowing of early crop of lady finger- A-4, Parbani Kranti and Arka anamika cultivars. Insure optimum moisture for proper germination before sowing of crop.
- **Cucurbits:**
- **Tender fruit dropping** (due to fungal attack or borer attack). To control late blight Spray during afternoon hours with Mancozeb 75% WP@ 2.5g per liter of water. For fruit dropping apply DiethaneM45@2.5g/liter of water and Propenophos@1.5ml/liter of water. **White fly:** Spray any of the pesticide 70% Imidacloprid 5 gram or Diafenthiuron 12.5 gram per 15 lit of water. There are chances of infestation of
- **Fruits:**
- **Mango:** To prevent **fruit drop and increase fruit size of mango** spray planofix/thaitoyle @ 3ml/15liter of water along with compound micro nutrient @ 45gm/15liter of water. For **thrips** control, spraying of Acephate @1.5 g /litre of water is advocated.
- **Cashew:** Prevailing conditions are suitable for the incidence of **Tea mosquito bug**. Farmers are advised to go for spraying of Neem oil @ 5ml/L + Monocrotophos @ 1.6ml/L at new blush stage and Chlorpyriqos @ 2ml/L at flowering stage. If inflorescence have flourished stop spraying of any insecticides. Hormones like NAA @ 2 ppm can be sprayed. FYM @25 kg per tree can be applied.

Animal husbandry:

As temperature is slightly increasing hence, apply need based minerals along with feed. Provide sufficient clean drinking water to animals and birds. Don't allow them graze during noon hours.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-278
Date- 11/03/2022

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 **34.71°C (+0.2°C from normal)** and **20.7°C (+0.4°C from normal)**, respectively. Mean relative humidity of the district was around 50-82%.

Forecasted period: Today(8.30IST) to 16th March(8.30IST)2022

Weather advisory: Dry weather is forecasted for upcoming 5 days in the block. The day temperature will be **35-38°C** and night temperature will be **20-22°C** for upcoming 5 days. Maximum and minimum relative humidity will be 51-70% and 07-14% 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	11/03/2022	12/03/2022	13/03/2022	14/03/2022	15/03/2022
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	35	36	36	36	38
T-Min(°C)	22	21	21	20	21
Cloud Cover(octa)	1	1	3	4	0
RH Max (%)	61	59	52	51	70
RH Min (%)	13	14	11	8	7
Wind Speed (Kmph)	7	7	6	7	10
Wind Direction (deg)	360	135	198	180	289

Agromet Advisory

General advisory: Looking to the increasing rate of temperature and dry weather farmers are advised to irrigate their crop field as per requirement and farmers should cover the soil with white mulch/polithine to conserve the soil moisture.

Pulses:

November to December sown crop is at pod formation to seed development (nine to twelve week) stage. **Flowering and pod development stage is sensitive to moisture stress; carry out irrigation as per the status of soil moisture.** Present weather conditions are favorable for the incidence of Sucking pest (thrips) in pulses to control advised to spray Fipronil @ @ 200ml/ac. In case of **YMV infestation** uproots and destroys the infected plant and spray imidacloprid 50ml/acre mixing with 200 lit of water.

Rabi-Groundnut:

If groundnut are at harvesting stage then go for harvesting in upcoming dry days. Present weather conditions are favourable for **leaf spot and thrips**. To control spray hexaconazole @ 2.0 ml per lit of water.

Mustard:

If 80% pods are mature in the field then complete harvesting immediately in upcoming dry days.

Vegetables:

Tomato:

Due to increase in temperature there may be chances of **bacterial canker and Sun burn** disease in tomato at fruiting stage. To control bacterial canker Farmers should spray Copper oxychloride 50% WP @ 3 g + Plantomycin @ 1 g/litre of water. They should use shade net to protect the crop from sun burn. **White flies** causes leaf curl disease in Tomato. Uproot and destroy the diseased leaf curl plants. Use nitrogen and irrigation judiciously.

Potato:

- This is the ideal time for potato harvesting, complete harvesting immediately.
- Onion:**
- Onion being a shallow rooted crop, **needs frequent light irrigation to maintain optimum soil moisture for proper growth and bulb development.** There are chances of **purple blotch and Stemphyllium blight** disease incidence in onion crop. To manage purple blotch and Stemphyllium leaf blight disease in onion spray Mancozeb 75% WP @ 600gram/acre or Difenconazole 25% E.C @ 200ml/acre or Tebuconazole 25.9% E.C @ 100ml/acre by mixing in 200 litre of water at 15 days interval.
- Okra:**
- Keeping increasing temperature in view, start field's preparation for sowing of early crop of lady finger- A-4, Parbani Kranti and Arka anamika cultivars. Insure optimum moisture for proper germination before sowing of crop.
- Cucurbits:**
- Tender fruit dropping** (due to fungal attack or borer attack). To control late blight Spray during afternoon hours with Mancozeb 75% WP@ 2.5g per liter of water. For fruit dropping apply DiethaneM45@2.5g/liter of water and Propanophos@1..5ml/liter of water. **White fly:** Spray any of the pesticide 70% Imidacloprid 5 gram or Diafenthion 12.5 gram per 15 lit of water. There are chances of infestation of
- Fruits:**
- Mango:** To prevent **fruit drop and increase fruit size of mango** spray planofix/thaitozyle @ 3ml/15liter of water along with compound micro nutrient @ 45gm/15liter of water. For **thrips** control, spraying of Acephate @ 1.5 g /litre of water is advocated.
- Cashew:** Prevailing conditions are suitable for the incidence of **Tea mosquito bug**. Farmers are advised to go for spraying of Neem oil @ 5ml/L + Monocrotophos @ 1.6ml/L at new blush stage and Chlorpyriqos @ 2ml/L at flowering stage. If inflorescence have flourished stop spraying of any insecticides. Hormones like NAA @ 2 ppm can be sprayed. FYM @25 kg per tree can be applied.

Animal husbandry:

As temperature is slightly increasing hence, apply need based minerals along with feed. Provide sufficient clean drinking water to animals and birds. Don't allow them graze during noon hours.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-278
Date- 11/03/2022

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 **34.71°C (+0.2°C from normal)** and 20.7°C (+0.4°C from normal), respectively. Mean relative humidity of the district was around 50-82%.

Forecasted period: Today(8.30IST) to 16th March(8.30IST)2022

Weather advisory: **Dry weather is forecasted for upcoming 5 days in the block.** The day temperature will be 35-38°C and night temperature will be 21-22°C for upcoming 5 days. Maximum and minimum relative humidity will be 55-75% and 07-15% 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	11/03/2022	12/03/2022	13/03/2022	14/03/2022	15/03/2022
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	35	36	37	36	38
T-Min(°C)	22	22	21	21	21
Cloud Cover(octa)	1	2	3	4	0
RH Max (%)	66	65	55	58	75
RH Min (%)	13	15	12	9	7
Wind Speed (Kmph)	8	8	6	8	12
Wind Direction (deg)	15	120	293	180	248

Agromet Advisory

General advisory: Looking to the increasing rate of temperature and dry weather farmers are advised to irrigate their crop field as per requirement and farmers should cover the soil with white mulch/polithine to conserve the soil moisture.

Pulses:

November to December sown crop is at pod formation to seed development (nine to twelve week) stage. **Flowering and pod development stage is sensitive to moisture stress; carry out irrigation as per the status of soil moisture.** Present weather conditions are favorable for the incidence of Sucking pest (thrips) in pulses to control advised to spray Fipronil @ @ 200ml/ac. In case of **YMV infestation** uproots and destroys the infected plant and spray imidacloprid 50ml/acre mixing with 200 lit of water.

Rabi-Groundnut:

If groundnut are at harvesting stage then go for harvesting in upcoming dry days. Present weather conditions are favourable for **leaf spot and thrips**. To control spray hexaconazole @ 2.0 ml per lit of water.

Mustard:

If 80% pods are mature in the field then complete harvesting immediately in upcoming dry days.

Vegetables:

Tomato:

Due to increase in temperature there may be chances of **bacterial canker and Sun burn** disease in tomato at fruiting stage. To control bacterial canker Farmers should spray Copper oxychloride 50% WP @ 3 g + Plantomycin @ 1 g/litre of water. They should use shade net to protect the crop from sun burn. **White flies** causes leaf curl disease in Tomato. Uproot and destroy the diseased leaf curl plants. Use nitrogen and irrigation judiciously.

Potato:

- This is the ideal time for potato harvesting, complete harvesting immediately.
- Onion:**
- Onion being a shallow rooted crop, **needs frequent light irrigation to maintain optimum soil moisture for proper growth and bulb development.** There are chances of **purple blotch and Stemphyllium blight** disease incidence in onion crop. To manage purple blotch and Stemphyllium leaf blight disease in onion spray Mancozeb 75% WP @ 600gram/acre or Difenconazole 25% E.C @ 200ml/acre or Tebuconazole 25.9% E.C @ 100ml/acre by mixing in 200 litre of water at 15 days interval.
- Okra:**
- Keeping increasing temperature in view, start field's preparation for sowing of early crop of lady finger- A-4, Parbani Kranti and Arka anamika cultivars. Insure optimum moisture for proper germination before sowing of crop.
- Cucurbits:**
- Tender fruit dropping** (due to fungal attack or borer attack). To control late blight Spray during afternoon hours with Mancozeb 75% WP@ 2.5g per liter of water. For fruit dropping apply DiethaneM45@2.5g/liter of water and Propenophos@1.5ml/liter of water. **White fly:** Spray any of the pesticide 70% Imidacloprid 5 gram or Diafenthion 12.5 gram per 15 lit of water. There are chances of infestation of
- Fruits:**
- Mango:** To prevent **fruit drop and increase fruit size of mango** spray planofix/thaitozyle @ 3ml/15liter of water along with compound micro nutrient @ 45gm/15liter of water. For **thrips** control, spraying of Acephate @ 1.5 g /litre of water is advocated.
- Cashew:** Prevailing conditions are suitable for the incidence of **Tea mosquito bug**. Farmers are advised to go for spraying of Neem oil @ 5ml/L + Monocrotophos @ 1.6ml/L at new blush stage and Chlorpyrifos @ 2ml/L at flowering stage. If inflorescence have flourished stop spraying of any insecticides. Hormones like NAA @ 2 ppm can be sprayed. FYM @25 kg per tree can be applied.

Animal husbandry:

As temperature is slightly increasing hence, apply need based minerals along with feed. Provide sufficient clean drinking water to animals and birds. Don't allow them graze during noon hours.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-278

Date- 11/03/2022

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 **34.71°C (+0.2°C from normal)** and **20.7°C (+0.4°C from normal)**, respectively. Mean relative humidity of the district was around 50-82%.

Forecasted period: Today(8.30IST) to 16th March(8.30IST)2022

Weather Advisory: Dry weather is forecasted for upcoming 5 days in the block. The day temperature will be **35-38°C** and night temperature will be **21-22°C** for upcoming 5 days. Maximum and minimum relative humidity will be 56-74% and 08-15% 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	11/03/2022	12/03/2022	13/03/2022	14/03/2022	15/03/2022
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	35	36	37	36	38
T-Min(°C)	22	22	21	21	21
Cloud Cover(octa)	2	2	3	4	0
RH Max (%)	66	65	56	60	74
RH Min (%)	13	15	12	9	8
Wind Speed (Kmph)	8	8	6	8	12
Wind Direction (deg)	15	120	180	180	248

Agromet Advisory

General advisory: Looking to the increasing rate of temperature and dry weather farmers are advised to irrigate their crop field as per requirement and farmers should cover the soil with white mulch/polithine to conserve the soil moisture.

Pulses:

November to December sown crop is at pod formation to seed development (nine to twelve week) stage. **Flowering and pod development stage is sensitive to moisture stress; carry out irrigation as per the status of soil moisture.** Present weather conditions are favorable for the incidence of Sucking pest (thrips) in pulses to control advised to spray Fipronil @ @ 200ml/ac. In case of **YMV infestation** uproots and destroys the infected plant and spray imidacloprid 50ml/acre mixing with 200 lit of water.

Rabi-Groundnut:

If groundnut are at harvesting stage then go for harvesting in upcoming dry days. Present weather conditions are favourable for **leaf spot and thrips**. To control spray hexaconazole @ 2.0 ml per lit of water.

Mustard:

If 80% pods are mature in the field then complete harvesting immediately in upcoming dry days.

Vegetables:

Tomato:

Due to increase in temperature there may be chances of **bacterial canker and Sun burn** disease in tomato at fruiting stage. To control bacterial canker Farmers should spray Copper oxychloride 50% WP @ 3 g + Plantomycin @ 1 g/litre of water. They should use shade net to protect the crop from sun burn. **White flies** causes leaf curl disease in Tomato. Uproot and destroy the diseased leaf curl plants. Use nitrogen and irrigation judiciously.

Potato:

- This is the ideal time for potato harvesting, complete harvesting immediately.
- Onion:**
- Onion being a shallow rooted crop, **needs frequent light irrigation to maintain optimum soil moisture for proper growth and bulb development.** There are chances of **purple blotch and Stemphyllium blight** disease incidence in onion crop. To manage purple blotch and Stemphyllium leaf blight disease in onion spray Mancozeb 75% WP @ 600gram/acre or Difenconazole 25% E.C @ 200ml/acre or Tebuconazole 25.9% E.C @ 100ml/acre by mixing in 200 litre of water at 15 days interval.
- Okra:**
- Keeping increasing temperature in view, start field's preparation for sowing of early crop of lady finger- A-4, Parbani Kranti and Arka anamika cultivars. Insure optimum moisture for proper germination before sowing of crop.
- Cucurbits:**
- Tender fruit dropping** (due to fungal attack or borer attack). To control late blight Spray during afternoon hours with Mancozeb 75% WP@ 2.5g per liter of water. For fruit dropping apply DiethaneM45@2.5g/liter of water and Propenophos@1.5ml/liter of water. **White fly:** Spray any of the pesticide 70% Imidacloprid 5 gram or Diafenthion 12.5 gram per 15 lit of water. There are chances of infestation of
- Fruits:**
- Mango:** To prevent **fruit drop and increase fruit size of mango** spray planofix/thaitozyle @ 3ml/15liter of water along with compound micro nutrient @ 45gm/15liter of water. For **thrips** control, spraying of Acephate @ 1.5 g /litre of water is advocated.
- Cashew:** Prevailing conditions are suitable for the incidence of **Tea mosquito bug**. Farmers are advised to go for spraying of Neem oil @ 5ml/L + Monocrotophos @ 1.6ml/L at new blush stage and Chlorpyriqos @ 2ml/L at flowering stage. If inflorescence have flourished stop spraying of any insecticides. Hormones like NAA @ 2 ppm can be sprayed. FYM @25 kg per tree can be applied.

Animal husbandry:

As temperature is slightly increasing hence, apply need based minerals along with feed. Provide sufficient clean drinking water to animals and birds. Don't allow them graze during noon hours.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-278
Date- 11/03/2022

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 **34.71°C (+0.2°C from normal)** and **20.7°C (+0.4°C from normal)**, respectively. Mean relative humidity of the district was around 50-82%.

Forecasted period: Today(8.30IST) to 16th March(8.30IST)2022

Weather advisory: *Dry weather is forecasted for upcoming 5 days in the block.* The day temperature will be **35-37°C** and night temperature will be **21-23°C** for upcoming 5 days. Maximum and minimum relative humidity will be 64-77% and 09-16% respectively. **There will be clear to partly cloudy sky for next 5 days.**

Block	Baranga (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	11/03/2022	12/03/2022	13/03/2022	14/03/2022	15/03/2022
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	35	35	36	36	37
T-Min(°C)	23	22	22	21	21
Cloud Cover	2	3	3	4	0
RH Max (%)	71	72	64	74	77
RH Min (%)	14	16	14	11	9
Wind Speed (Kmph)	10	9	7	10	15
Wind Direction (deg)	360	68	180	201	225

Agromet Advisory

General advisory: Looking to the increasing rate of temperature and dry weather farmers are advised to irrigate their crop field as per requirement and farmers should cover the soil with white mulch/polithine to conserve the soil moisture.

Pulses:

November to December sown crop is at pod formation to seed development (nine to twelve week) stage. **Flowering and pod development stage is sensitive to moisture stress; carry out irrigation as per the status of soil moisture.** Present weather conditions are favorable for the incidence of Sucking pest (thrips) in pulses to control advised to spray Fipronil @ 200ml/ac. In case of **YMV infestation** uproots and destroys the infected plant and spray imidacloprid 50ml/acre mixing with 200 lit of water.

Rabi-Groundnut:

If groundnut are at harvesting stage then go for harvesting in upcoming dry days. Present weather conditions are favourable for **leaf spot and thrips**. To control spray hexaconazole @ 2.0 ml per lit of water.

Mustard:

If 80% pods are mature in the field then complete harvesting immediately in upcoming dry days.

Vegetables:

Tomato:

Due to increase in temperature there may be chances of **bacterial canker and Sun burn** disease in tomato at fruiting stage. To control bacterial canker Farmers should spray Copper oxychloride 50% WP @ 3 g + Plantomycin @ 1 g/litre of water. They should use shade net to protect the crop from sun burn. **White flies** causes leaf curl disease in Tomato. Uproot and destroy the diseased leaf curl plants. Use nitrogen and irrigation judiciously.

Potato:

- This is the ideal time for potato harvesting, complete harvesting immediately.
- Onion:**
- Onion being a shallow rooted crop, **needs frequent light irrigation to maintain optimum soil moisture for proper growth and bulb development.** There are chances of **purple blotch and Stemphyllium blight** disease incidence in onion crop. To manage purple blotch and Stemphyllium leaf blight disease in onion spray Mancozeb 75% WP @ 600gram/acre or Difenoconazole 25% E.C @ 200ml/acre or Tebuconazole 25.9% E.C @ 100ml/acre by mixing in 200 litre of water at 15 days interval.
- Okra:**
- Keeping increasing temperature in view, start field's preparation for sowing of early crop of lady finger- A-4, Parbani Kranti and Arka anamika cultivars. Insure optimum moisture for proper germination before sowing of crop.
- Cucurbits:**
- Tender fruit dropping** (due to fungal attack or borer attack). To control late blight Spray during afternoon hours with Mancozeb 75% WP@ 2.5g per liter of water. For fruit dropping apply DiethaneM45@2.5g/liter of water and Propenophos@1.5ml/liter of water. **White fly:** Spray any of the pesticide 70% Imidacloprid 5 gram or Diafenthiuron 12.5 gram per 15 lit of water. There are chances of infestation of
- Fruits:**
- Mango:** To prevent **fruit drop and increase fruit size of mango** spray planofix/thaitoazole @ 3ml/15liter of water along with compound micro nutrient @ 45gm/15liter of water. For **thrips** control, spraying of Acephate @1.5 g /litre of water is advocated.
- Cashew:** Prevailing conditions are suitable for the incidence of **Tea mosquito bug**. Farmers are advised to go for spraying of Neem oil @ 5ml/L + Monocrotophos @ 1.6ml/L at new blush stage and Chlorpyriqos @ 2ml/L at flowering stage. If inflorescence have flourished stop spraying of any insecticides. Hormones like NAA @ 2 ppm can be sprayed. FYM @25 kg per tree can be applied.

Animal husbandry:

As temperature is slightly increasing hence, apply need based minerals along with feed. Provide sufficient clean drinking water to animals and birds. Don't allow them graze during noon hours.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-278

Date- 11/03/2022

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 **34.71°C (+0.2°C from normal)** and **20.7°C (+0.4°C from normal)**, respectively. Mean relative humidity of the district was around 50-82%.

Forecasted period: Today(8.30IST) to 16th March(8.30IST)2022

Weather advisory: *Dry weather is forecasted for upcoming 5 days in the block.* The day temperature will be **34-37°C** and night temperature will be **21-23°C** for upcoming 5 days. Maximum and minimum relative humidity will be 61-78% and 08-16% 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	11/03/2022	12/03/2022	13/03/2022	14/03/2022	15/03/2022
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	35	34	36	36	37
T-Min(°C)	23	22	22	21	21
Cloud Cover(octa)	2	3	3	4	0
RH Max (%)	68	70	61	74	78
RH Min (%)	14	16	13	10	8
Wind Speed (Kmph)	9	9	6	9	14
Wind Direction (deg)	360	158	180	207	225

Agromet Advisory

General advisory: Looking to the increasing rate of temperature and dry weather farmers are advised to irrigate their crop field as per requirement and farmers should cover the soil with white mulch/polithine to conserve the soil moisture.

Pulses:

November to December sown crop is at pod formation to seed development (nine to twelve week) stage. **Flowering and pod development stage is sensitive to moisture stress; carry out irrigation as per the status of soil moisture.** Present weather conditions are favorable for the incidence of Sucking pest (thrips) in pulses to control advised to spray Fipronil @ @ 200ml/ac. In case of **YMV infestation** uproots and destroys the infected plant and spray imidacloprid 50ml/acre mixing with 200 lit of water.

Rabi-Groundnut:

If groundnut are at harvesting stage then go for harvesting in upcoming dry days. Present weather conditions are favourable for **leaf spot and thrips**. To control spray hexaconazole @ 2.0 ml per lit of water.

Mustard:

If 80% pods are mature in the field then complete harvesting immediately in upcoming dry days.

Vegetables:

Tomato:

Due to increase in temperature there may be chances of **bacterial canker and Sun burn** disease in tomato at fruiting stage. To control bacterial canker Farmers should spray Copper oxychloride 50% WP @ 3 g + Plantomycin @ 1 g/litre of water. They should use shade net to protect the crop from sun burn. **White flies** causes leaf curl disease in Tomato. Uproot and destroy the diseased leaf curl plants. Use nitrogen and irrigation judiciously.

Potato:

- This is the ideal time for potato harvesting, complete harvesting immediately.
- Onion:**
- Onion being a shallow rooted crop, **needs frequent light irrigation to maintain optimum soil moisture for proper growth and bulb development.** There are chances of **purple blotch and Stemphyllium blight** disease incidence in onion crop. To manage purple blotch and Stemphyllium leaf blight disease in onion spray Mancozeb 75% WP @ 600gram/acre or Difenconazole 25% E.C @ 200ml/acre or Tebuconazole 25.9% E.C @ 100ml/acre by mixing in 200 litre of water at 15 days interval.
- Okra:**
- Keeping increasing temperature in view, start field's preparation for sowing of early crop of lady finger- A-4, Parbani Kranti and Arka anamika cultivars. Insure optimum moisture for proper germination before sowing of crop.
- Cucurbits:**
- Tender fruit dropping** (due to fungal attack or borer attack). To control late blight Spray during afternoon hours with Mancozeb 75% WP@ 2.5g per liter of water. For fruit dropping apply DiethaneM45@2.5g/liter of water and Propenophos@1.5ml/liter of water. **White fly:** Spray any of the pesticide 70% Imidacloprid 5 gram or Diafenthiuron 12.5 gram per 15 lit of water. There are chances of infestation of
- Fruits:**
- Mango:** To prevent **fruit drop and increase fruit size of mango** spray planofix/thaitozone @ 3ml/15liter of water along with compound micro nutrient @ 45gm/15liter of water. For **thrips** control, spraying of Acephate @1.5 g /litre of water is advocated.
- Cashew:** Prevailing conditions are suitable for the incidence of **Tea mosquito bug**. Farmers are advised to go for spraying of Neem oil @ 5ml/L + Monocrotophos @ 1.6ml/L at new blush stage and Chlorpyrifos @ 2ml/L at flowering stage. If inflorescence have flourished stop spraying of any insecticides. Hormones like NAA @ 2 ppm can be sprayed. FYM @25 kg per tree can be applied.

Animal husbandry:

As temperature is slightly increasing hence, apply need based minerals along with feed. Provide sufficient clean drinking water to animals and birds. Don't allow them graze during noon hours.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-278
Date- 11/03/2022

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

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 **34.71°C (+0.2°C from normal)** and **20.7°C (+0.4°C from normal)**, respectively. Mean relative humidity of the district was around 50-82%.

Forecasted period: Today(8.30IST) to 16th March(8.30IST)2022

Weather advisory: Dry weather is forecasted for upcoming 5 days in the block. The day temperature will be 35-37°C and night temperature will be 22-23°C for upcoming 5 days. Maximum and minimum relative humidity will be 68-79% and 14-19% 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	11/03/2022	12/03/2022	13/03/2022	14/03/2022	15/03/2022
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	35	35	35	35	37
T-Min(°C)	23	22	22	22	22
Cloud Cover(octa)	2	4	2	5	0
RH Max (%)	74	73	68	79	75
RH Min (%)	16	19	17	14	15
Wind Speed (Kmph)	10	9	9	12	17
Wind Direction (deg)	158	150	169	201	207

Agromet Advisory

General advisory: Looking to the increasing rate of temperature and dry weather farmers are advised to irrigate their crop field as per requirement and farmers should cover the soil with white mulch/polithine to conserve the soil moisture.

Pulses:

November to December sown crop is at pod formation to seed development (nine to twelve week) stage. **Flowering and pod development stage is sensitive to moisture stress; carry out irrigation as per the status of soil moisture.** Present weather conditions are favorable for the incidence of Sucking pest (thrips) in pulses to control advised to spray Fipronil @ @ 200ml/ac. In case of **YMV infestation** uproots and destroys the infected plant and spray imidacloprid 50ml/acre mixing with 200 lit of water.

Rabi-Groundnut:

If groundnut are at harvesting stage then go for harvesting in upcoming dry days. Present weather conditions are favourable for leaf spot and thrips. To control spray hexaconazole @ 2.0 ml per lit of water.

Mustard:

If 80% pods are mature in the field then complete harvesting immediately in upcoming dry days.

Vegetables:

Tomato:

Due to increase in temperature there may be chances of **bacterial canker** and **Sun burn** disease in tomato at fruiting stage. To control bacterial canker Farmers should spray Copper oxychloride 50% WP @ 3 g + Plantomycin @ 1 g/litre of water. They should use shade net to protect the crop from sun burn. **White flies** causes leaf curl disease in Tomato. Uproot and destroy the diseased leaf curl plants. Use nitrogen and irrigation judiciously.

Potato:

- This is the ideal time for potato harvesting, complete harvesting immediately.
- Onion:**
- Onion being a shallow rooted crop, **needs frequent light irrigation to maintain optimum soil moisture for proper growth and bulb development.** There are chances of **purple blotch** and **Stemphyllium blight** disease incidence in onion crop. To manage purple blotch and Stemphyllium leaf blight disease in onion spray Mancozeb 75% WP @ 600gram/acre or Difenconazole 25% E.C @ 200ml/acre or Tebuconazole 25.9% E.C @ 100ml/acre by mixing in 200 litre of water at 15 days interval.
- Okra:**
- Keeping increasing temperature in view, start field's preparation for sowing of early crop of lady finger- A-4, Parbani Kranti and Arka anamika cultivars. Insure optimum moisture for proper germination before sowing of crop.
- Cucurbits:**
- Tender fruit dropping** (due to fungal attack or borer attack). To control late blight Spray during afternoon hours with Mancozeb 75% WP@ 2.5g per liter of water. For fruit dropping apply DiethaneM45@2.5g/liter of water and Propanophos@1.5ml/liter of water. **White fly:** Spray any of the pesticide 70% Imidacloprid 5 gram or Diafenthiuron 12.5 gram per 15 lit of water. There are chances of infestation of
- Fruits:**
- Mango:** To prevent **fruit drop and increase fruit size of mango** spray planofix/thaitoazole @ 3ml/15liter of water along with compound micro nutrient @ 45gm/15liter of water. For **thrips** control, spraying of Acephate @1.5 g /litre of water is advocated.
- Cashew:** Prevailing conditions are suitable for the incidence of **Tea mosquito bug.** Farmers are advised to go for spraying of Neem oil @ 5ml/L + Monocrotophos @ 1.6ml/L at new blush stage and Chlorpyrifos @ 2ml/L at flowering stage. If inflorescence have flourished stop spraying of any insecticides. Hormones like NAA @ 2 ppm can be sprayed. FYM @25 kg per tree can be applied.

Animal husbandry:

As temperature is slightly increasing hence, apply need based minerals along with feed. Provide sufficient clean drinking water to animals and birds. Don't allow them graze during noon hours.

Dr Sujata Sethy
(Nodal officer)



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AGROMET ADVISORY BULLETIN FOR MAHANGA



Bulletin No.-278

Date- 11/03/2022

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 **34.71°C (+0.2°C from normal)** and **20.7°C (+0.4°C from normal)**, respectively. Mean relative humidity of the district was around 50-82%.

Forecasted period: Today(8.30IST) to 16th March(8.30IST)2022

Weather advisory: Dry weather is forecasted for upcoming 5 days in the block. The day temperature will be and it will be **34-37°C** and night temperature will be **21-23°C** for upcoming 5 days. Maximum and minimum relative humidity will be 60-79% and 11-17% 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	11/03/2022	12/03/2022	13/03/2022	14/03/2022	15/03/2022
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	35	34	36	36	37
T-Min(°C)	23	22	22	21	21
Cloud Cover(octal)	2	3	3	4	0
RH Max (%)	66	67	60	79	77
RH Min (%)	16	17	16	13	11
Wind Speed (Kmph)	11	10	8	10	15
Wind Direction (deg)	360	338	259	203	242

Agromet Advisory

General advisory: Looking to the increasing rate of temperature and dry weather farmers are advised to irrigate their crop field as per requirement and farmers should cover the soil with white mulch/polithine to conserve the soil moisture.

Pulses:

November to December sown crop is at pod formation to seed development (nine to twelve week) stage. **Flowering and pod development stage is sensitive to moisture stress; carry out irrigation as per the status of soil moisture.** Present weather conditions are favorable for the incidence of Sucking pest (thrips) in pulses to control advised to spray Fipronil @ @ 200ml/ac. In case of **YMV infestation** uproots and destroys the infected plant and spray imidacloprid 50ml/acre mixing with 200 lit of water.

Rabi-Groundnut:

If groundnut are at harvesting stage then go for harvesting in upcoming dry days. Present weather conditions are favourable for leaf spot and thrips. To control spray hexaconazole @ 2.0 ml per lit of water.

Mustard:

If 80% pods are mature in the field then complete harvesting immediately in upcoming dry days.

Vegetables:

Tomato:

Due to increase in temperature there may be chances of **bacterial canker** and **Sun burn** disease in tomato at fruiting stage. To control bacterial canker Farmers should spray Copper oxychloride 50% WP @ 3 g + Plantomycin @ 1 g/litre of water. They should use shade net to protect the crop from sun burn. **White flies** causes leaf curl disease in Tomato. Uproot and destroy the diseased leaf curl plants. Use nitrogen and irrigation judiciously.

Potato:

- This is the ideal time for potato harvesting, complete harvesting immediately.
- Onion:**
- Onion being a shallow rooted crop, **needs frequent light irrigation to maintain optimum soil moisture for proper growth and bulb development.** There are chances of **purple blotch** and **Stemphyllium blight** disease incidence in onion crop. To manage purple blotch and Stemphyllium leaf blight disease in onion spray Mancozeb 75% WP @ 600gram/acre or Difenconazole 25% E.C @ 200ml/acre or Tebuconazole 25.9% E.C @ 100ml/acre by mixing in 200 litre of water at 15 days interval.
- Okra:**
- Keeping increasing temperature in view, start field's preparation for sowing of early crop of lady finger- A-4, Parbani Kranti and Arka anamika cultivars. Insure optimum moisture for proper germination before sowing of crop.
- Cucurbits:**
- Tender fruit dropping** (due to fungal attack or borer attack). To control late blight Spray during afternoon hours with Mancozeb 75% WP@ 2.5g per liter of water. For fruit dropping apply DiethaneM45@2.5g/liter of water and Propanophos@1.5ml/liter of water. **White fly:** Spray any of the pesticide 70% Imidacloprid 5 gram or Diafenthiuron 12.5 gram per 15 lit of water. There are chances of infestation of
- Fruits:**
- Mango:** To prevent **fruit drop and increase fruit size of mango** spray planofix/thaitozyle @ 3ml/15liter of water along with compound micro nutrient @ 45gm/15liter of water. For **thrips** control, spraying of Acephate @1.5 g /litre of water is advocated.
- Cashew:** Prevailing conditions are suitable for the incidence of **Tea mosquito bug.** Farmers are advised to go for spraying of Neem oil @ 5ml/L + Monocrotophos @ 1.6ml/L at new blush stage and Chlorpyrifos @ 2ml/L at flowering stage. If inflorescence have flourished stop spraying of any insecticides. Hormones like NAA @ 2 ppm can be sprayed. FYM @25 kg per tree can be applied.

Animal husbandry:

As temperature is slightly increasing hence, apply need based minerals along with feed. Provide sufficient clean drinking water to animals and birds. Don't allow them graze during noon hours.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-278
Date- 11/03/2022

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 **34.71°C (+0.2°C from normal)** and **20.7°C (+0.4°C from normal)**, respectively. Mean relative humidity of the district was around 50-82%.

Forecasted period: Today(8.30IST) to 16th March(8.30IST)2022

Weather advisory: *Dry weather is forecasted for upcoming 5 days in the block.* The day temperature will be **35-37°C** and night temperature will be **19-21°C** for upcoming 5 days. Maximum and minimum relative humidity will be 44-57% and 07-13% 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	11/03/2022	12/03/2022	13/03/2022	14/03/2022	15/03/2022
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	35	37	35	35	37
T-Min(°C)	21	20	20	19	20
Cloud Cover(octa)	0	0	4	4	0
RH Max (%)	57	53	50	44	56
RH Min (%)	12	13	11	7	7
Wind Speed (Kmph)	6	6	6	6	7
Wind Direction (deg)	349	120	360	195	285

Agromet Advisory

General advisory: Looking to the increasing rate of temperature and dry weather farmers are advised to irrigate their crop field as per requirement and farmers should cover the soil with white mulch/polithine to conserve the soil moisture.

Pulses:

November to December sown crop is at pod formation to seed development (nine to twelve week) stage. **Flowering and pod development stage is sensitive to moisture stress; carry out irrigation as per the status of soil moisture.** Present weather conditions are favorable for the incidence of Sucking pest (thrips) in pulses to control advised to spray Fipronil @ @ 200ml/ac. In case of **YMV infestation** uproots and destroys the infected plant and spray imidacloprid 50ml/acre mixing with 200 lit of water.

Rabi-Groundnut:

If groundnut are at harvesting stage then go for harvesting in upcoming dry days. Present weather conditions are favourable for **leaf spot and thrips**. To control spray hexaconazole @ 2.0 ml per lit of water.

Mustard:

If 80% pods are mature in the field then complete harvesting immediately in upcoming dry days.

Vegetables:

Tomato:

Due to increase in temperature there may be chances of **bacterial canker and Sun burn** disease in tomato at fruiting stage. To control bacterial canker Farmers should spray Copper oxychloride 50% WP @ 3 g + Plantomycin @ 1 g/litre of water. They should use shade net to protect the crop from sun burn. **White flies** causes leaf curl disease in Tomato. Uproot and destroy the diseased leaf curl plants. Use nitrogen and irrigation judiciously.

Potato:

- This is the ideal time for potato harvesting, complete harvesting immediately.
- Onion:**
- Onion being a shallow rooted crop, **needs frequent light irrigation to maintain optimum soil moisture for proper growth and bulb development.** There are chances of **purple blotch and Stemphyllium blight** disease incidence in onion crop. To manage purple blotch and Stemphyllium leaf blight disease in onion spray Mancozeb 75% WP @ 600gram/acre or Difenconazole 25% E.C @ 200ml/acre or Tebuconazole 25.9% E.C @ 100ml/acre by mixing in 200 litre of water at 15 days interval.
- Okra:**
- Keeping increasing temperature in view, start field's preparation for sowing of early crop of lady finger- A-4, Parbani Kranti and Arka anamika cultivars. Insure optimum moisture for proper germination before sowing of crop.
- Cucurbits:**
- Tender fruit dropping** (due to fungal attack or borer attack). To control late blight Spray during afternoon hours with Mancozeb 75% WP@ 2.5g per liter of water. For fruit dropping apply DiethaneM45@2.5g/liter of water and Propanophos@1..5ml/liter of water. **White fly:** Spray any of the pesticide 70% Imidacloprid 5 gram or Diafenthion 12.5 gram per 15 lit of water. There are chances of infestation of
- Fruits:**
- Mango:** To prevent **fruit drop and increase fruit size of mango** spray planofix/thaitozyle @ 3ml/15liter of water along with compound micro nutrient @ 45gm/15liter of water. For **thrips** control, spraying of Acephate @ 1.5 g /litre of water is advocated.
- Cashew:** Prevailing conditions are suitable for the incidence of **Tea mosquito bug**. Farmers are advised to go for spraying of Neem oil @ 5ml/L + Monocrotophos @ 1.6ml/L at new blush stage and Chlorpyriqos @ 2ml/L at flowering stage. If inflorescence have flourished stop spraying of any insecticides. Hormones like NAA @ 2 ppm can be sprayed. FYM @25 kg per tree can be applied.

Animal husbandry:

As temperature is slightly increasing hence, apply need based minerals along with feed. Provide sufficient clean drinking water to animals and birds. Don't allow them graze during noon hours.

Dr Sujata Sethy
(Nodal officer)



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GRAMIN KRISHIMAUSAM SEWA
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DISTRICT AGROMET UNIT
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Bulletin No.-278
Date- 11/03/2022

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 **34.71°C (+0.2°C from normal)** and **20.7°C (+0.4°C from normal)**, respectively. Mean relative humidity of the district was around 50-82%.

Forecasted period: Today(8.30IST) to 16th March(8.30IST)2022

Weather advisory: Dry weather is forecasted for upcoming 5 days in the block. The day temperature will be **34-36°C** and night temperature will be **22-23°C** for upcoming 5 days. Maximum and minimum relative humidity will be 72-80% and 17-21% 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	11/03/2022	12/03/2022	13/03/2022	14/03/2022	15/03/2022
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	35	34	35	35	36
T-Min(°C)	23	22	22	23	23
Cloud Cover(octa)	2	4	2	5	0
RH Max (%)	75	74	72	80	74
RH Min (%)	20	21	20	17	20
Wind Speed(Kmph)	10	9	9	14	19
Wind Direction(deg)	150	158	244	201	207

Agromet Advisory

General advisory: Looking to the increasing rate of temperature and dry weather farmers are advised to irrigate their crop field as per requirement and farmers should cover the soil with white mulch/polithine to conserve the soil moisture.

Pulses:

November to December sown crop is at pod formation to seed development (nine to twelve week) stage. **Flowering and pod development stage is sensitive to moisture stress; carry out irrigation as per the status of soil moisture.** Present weather conditions are favorable for the incidence of Sucking pest (thrips) in pulses to control advised to spray Fipronil @ @ 200ml/ac. In case of **YMV infestation** uproots and destroys the infected plant and spray imidacloprid 50ml/acre mixing with 200 lit of water.

Rabi-Groundnut:

If groundnut are at harvesting stage then go for harvesting in upcoming dry days. Present weather conditions are favourable for leaf spot and thrips. To control spray hexaconazole @ 2.0 ml per lit of water.

Mustard:

If 80% pods are mature in the field then complete harvesting immediately in upcoming dry days.

Vegetables:

Tomato:

Due to increase in temperature there may be chances of **bacterial canker and Sun burn** disease in tomato at fruiting stage. To control bacterial canker Farmers should spray Copper oxychloride 50% WP @ 3 g + Plantomycin @ 1 g/litre of water. They should use shade net to protect the crop from sun burn. **White flies** causes leaf curl disease in Tomato. Uproot and destroy the diseased leaf curl plants. Use nitrogen and irrigation judiciously.

Potato: This is the ideal time for potato harvesting, complete harvesting immediately.

- **Onion:**
- Onion being a shallow rooted crop, **needs frequent light irrigation to maintain optimum soil moisture for proper growth and bulb development.** There are chances of **purple blotch and Stemphyllium blight** disease incidence in onion crop. To manage purple blotch and Stemphyllium leaf blight disease in onion spray Mancozeb 75% WP @ 600gram/acre or Difenoconazole 25% E.C @ 200ml/acre or Tebuconazole 25.9% E.C @ 100ml/acre by mixing in 200 litre of water at 15 days interval.
- **Okra:**
- Keeping increasing temperature in view, start field's preparation for sowing of early crop of lady finger- A-4, Parbani Kranti and Arka anamika cultivars. Insure optimum moisture for proper germination before sowing of crop.
- **Cucurbits:**
- **Tender fruit dropping** (due to fungal attack or borer attack). To control late blight Spray during afternoon hours with Mancozeb 75% WP@ 2.5g per liter of water. For fruit dropping apply DiethaneM45@2.5g/liter of water and Propenophos@1.5ml/liter of water. **White fly:** Spray any of the pesticide 70% Imidacloprid 5 gram or Diafenthiuron 12.5 gram per 15 lit of water. There are chances of infestation of
- **Fruits:**
- **Mango:** To prevent **fruit drop and increase fruit size of mango** spray planofix/thaitoyle @ 3ml/15liter of water along with compound micro nutrient @ 45gm/15liter of water. For **thrips** control, spraying of Acephate @1.5 g /litre of water is advocated.
- **Cashew:** Prevailing conditions are suitable for the incidence of **Tea mosquito bug.** Farmers are advised to go for spraying of Neem oil @ 5ml/L + Monocrotophos @ 1.6ml/L at new blush stage and Chlorpyriqos @ 2ml/L at flowering stage. If inflorescence have flourished stop spraying of any insecticides. Hormones like NAA @ 2 ppm can be sprayed. FYM @25 kg per tree can be applied.

Animal husbandry:

As temperature is slightly increasing hence, apply need based minerals along with feed. Provide sufficient clean drinking water to animals and birds. Don't allow them graze during noon hours.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-278
Date- 11/03/2022

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

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 **34.71°C (+0.2°C from normal)** and **20.7°C (+0.4°C from normal)**, respectively. Mean relative humidity of the district was around 50-82%.

Forecasted period: Today(8.30IST) to 16thMarch(8.30IST)2022

Weather advisory: *Dry weather is forecasted for upcoming 5 days in the block.* The day temperature will be **34-37°C** and night temperature will be **22-23°C** for upcoming 5 days. Maximum and minimum relative humidity will be **63-81%** and **12-18%** 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	11/03/2022	12/03/2022	13/03/2022	14/03/2022	15/03/2022
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	35	34	35	36	37
T-Min(°C)	23	22	22	22	22
Cloud Cover(octa)	2	3	2	4	0
RH Max (%)	68	69	63	81	77
RH Min (%)	16	18	16	14	12
Wind Speed (Kmph)	11	10	8	10	16
Wind Direction (deg)	360	158	251	203	225

Agromet Advisory

General advisory: Looking to the increasing rate of temperature and dry weather farmers are advised to irrigate their crop field as per requirement and farmers should cover the soil with white mulch/polithine to conserve the soil moisture.

Pulses:

November to December sown crop is at pod formation to seed development (nine to twelve week) stage. **Flowering and pod development stage is sensitive to moisture stress; carry out irrigation as per the status of soil moisture.** Present weather conditions are favorable for the incidence of Sucking pest (thrips) in pulses to control advised to spray Fipronil @ @ 200ml/ac. In case of **YMV infestation** uproots and destroys the infected plant and spray imidacloprid 50ml/acre mixing with 200 lit of water.

Rabi-Groundnut:

If groundnut are at harvesting stage then go for harvesting in upcoming dry days. Present weather conditions are favourable for **leaf spot and thrips**. To control spray hexaconazole @ 2.0 ml per lit of water.

Mustard:

If 80% pods are mature in the field then complete harvesting immediately in upcoming dry days.

Vegetables:

Tomato:

Due to increase in temperature there may be chances of **bacterial canker and Sun burn** disease in tomato at fruiting stage. To control bacterial canker Farmers should spray Copper oxychloride 50% WP @ 3 g + Plantomycin @ 1 g/litre of water. They should use shade net to protect the crop from sun burn. **White flies** causes leaf curl disease in Tomato. Uproot and destroy the diseased leaf curl plants. Use nitrogen and irrigation judiciously.

Potato:

- This is the ideal time for potato harvesting, complete harvesting immediately.
- Onion:**
- Onion being a shallow rooted crop, **needs frequent light irrigation to maintain optimum soil moisture for proper growth and bulb development.** There are chances of **purple blotch and Stemphyllium blight** disease incidence in onion crop. To manage purple blotch and Stemphyllium leaf blight disease in onion spray Mancozeb 75% WP @ 600gram/acre or Difenconazole 25% E.C @ 200ml/acre or Tebuconazole 25.9% E.C @ 100ml/acre by mixing in 200 litre of water at 15 days interval.
- Okra:**
- Keeping increasing temperature in view, start field's preparation for sowing of early crop of lady finger- A-4, Parbani Kranti and Arka anamika cultivars. Insure optimum moisture for proper germination before sowing of crop.
- Cucutbits:**
- Tender fruit dropping** (due to fungal attack or borer attack). To control late blight Spray during afternoon hours with Mancozeb 75% WP@ 2.5g per liter of water. For fruit dropping apply DiethaneM45@2.5g/liter of water and Propenophos@1.5ml/liter of water. **White fly:** Spray any of the pesticide 70% Imidacloprid 5 gram or Diafenthion 12.5 gram per 15 lit of water. There are chances of infestation of
- Fruits:**
- Mango:** To prevent **fruit drop and increase fruit size of mango** spray planofix/thaitozyle @ 3ml/15liter of water along with compound micro nutrient @ 45gm/15liter of water. For **thrips** control, spraying of Acephate @1.5 g /litre of water is advocated.
- Cashew:** Prevailing conditions are suitable for the incidence of **Tea mosquito bug**. Farmers are advised to go for spraying of Neem oil @ 5ml/L + Monocrotophos @ 1.6ml/L at new blush stage and Chlorpyriqos @ 2ml/L at flowering stage. If inflorescence have flourished stop spraying of any insecticides. Hormones like NAA @ 2 ppm can be sprayed. FYM @25 kg per tree can be applied.

Animal husbandry:

As temperature is slightly increasing hence, apply need based minerals along with feed. Provide sufficient clean drinking water to animals and birds. Don't allow them graze during noon hours.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-278
Date- 11/03/2022

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 **34.71°C (+0.2°C from normal)** and **20.7°C (+0.4°C from normal)**, respectively. Mean relative humidity of the district was around 50-82%.

Forecasted period: Today(8.30IST) to 16thMarch(8.30IST)2022

Weather advisory: Dry weather is forecasted for upcoming 5 days in the block. The day temperature will be **34-37°C** and night temperature will be **21-23°C** for upcoming 5 days. Maximum and minimum relative humidity will be 62-80% and 11-18% 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	11/03/2022	12/03/2022	13/03/2022	14/03/2022	15/03/2022
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	35	34	35	36	37
T-Min(°C)	23	22	22	22	21
Cloud Cover(octa)	2	3	2	4	0
RH Max (%)	68	69	62	80	77
RH Min (%)	15	18	16	13	11
Wind Speed (Kmph)	11	10	8	10	16
Wind Direction (deg)	360	158	248	203	234

Agromet Advisory

General advisory: Looking to the increasing rate of temperature and dry weather farmers are advised to irrigate their crop field as per requirement and farmers should cover the soil with white mulch/polithine to conserve the soil moisture.

Pulses:

November to December sown crop is at pod formation to seed development (nine to twelve week) stage. **Flowering and pod development stage is sensitive to moisture stress; carry out irrigation as per the status of soil moisture.** Present weather conditions are favorable for the incidence of Sucking pest (thrips) in pulses to control advised to spray Fipronil @ @ 200ml/ac. In case of **YMV infestation** uproots and destroys the infected plant and spray imidacloprid 50ml/acre mixing with 200 lit of water.

Rabi-Groundnut:

If groundnut are at harvesting stage then go for harvesting in upcoming dry days. Present weather conditions are favourable for leaf spot and thrips. To control spray hexaconazole @ 2.0 ml per lit of water.

Mustard:

If 80% pods are mature in the field then complete harvesting immediately in upcoming dry days.

Vegetables:

Tomato:

Due to increase in temperature there may be chances of **bacterial canker** and **Sun burn** disease in tomato at fruiting stage. To control bacterial canker Farmers should spray Copper oxychloride 50% WP @ 3 g + Plantomycin @ 1 g/litre of water. They should use shade net to protect the crop from sun burn. **White flies** causes leaf curl disease in Tomato. Uproot and destroy the diseased leaf curl plants. Use nitrogen and irrigation judiciously.

Potato:

- This is the ideal time for potato harvesting, complete harvesting immediately.
- Onion:**
- Onion being a shallow rooted crop, **needs frequent light irrigation to maintain optimum soil moisture for proper growth and bulb development.** There are chances of **purple blotch** and **Stemphyllium blight** disease incidence in onion crop. To manage purple blotch and Stemphyllium leaf blight disease in onion spray Mancozeb 75% WP @ 600gram/acre or Difenconazole 25% E.C @ 200ml/acre or Tebuconazole 25.9% E.C @ 100ml/acre by mixing in 200 litre of water at 15 days interval.
- Okra:**
- Keeping increasing temperature in view, start field's preparation for sowing of early crop of lady finger- A-4, Parbani Kranti and Arka anamika cultivars. Insure optimum moisture for proper germination before sowing of crop.
- Cucurbits:**
- Tender fruit dropping** (due to fungal attack or borer attack). To control late blight Spray during afternoon hours with Mancozeb 75% WP@ 2.5g per liter of water. For fruit dropping apply DiethaneM45@2.5g/liter of water and Propanophos@1..5ml/liter of water. **White fly:** Spray any of the pesticide 70% Imidacloprid 5 gram or Diafenthiuron 12.5 gram per 15 lit of water. There are chances of infestation of
- Fruits:**
- Mango:** To prevent **fruit drop and increase fruit size of mango** spray planofix/thaitozyle @ 3ml/15liter of water along with compound micro nutrient @ 45gm/15liter of water. For **thrips** control, spraying of Acephate @1.5 g /litre of water is advocated.
- Cashew:** Prevailing conditions are suitable for the incidence of **Tea mosquito bug.** Farmers are advised to go for spraying of Neem oil @ 5ml/L + Monocrotophos @ 1.6ml/L at new blush stage and Chlorpyrifos @ 2ml/L at flowering stage. If inflorescence have flourished stop spraying of any insecticides. Hormones like NAA @ 2 ppm can be sprayed. FYM @25 kg per tree can be applied.

Animal husbandry:

As temperature is slightly increasing hence, apply need based minerals along with feed. Provide sufficient clean drinking water to animals and birds. Don't allow them graze during noon hours.

Dr Sujata Sethy
(Nodal officer)



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AGROMET ADVISORY BULLETIN FOR TANGI-CHOUDWAR



Bulletin No.-278

Date- 11/03/2022

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 34.71°C (+0.2°C from normal) and 20.7°C (+0.4°C from normal), respectively. Mean relative humidity of the district was around 50-82%.

Forecasted period: Today(8.30IST) to 16th March(8.30IST)2022

Weather advisory: Dry weather is forecasted for upcoming 5 days in the block. The day temperature will be 35-37°C and night temperature will be 24-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 69-82% and 26-31% 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	11/03/2022	12/03/2022	13/03/2022	14/03/2022	15/03/2022
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	36	35	37	37	37
T-Min(°C)	24	24	25	25	26
Cloud Cover(octa)	2	3	2	5	0
RH Max (%)	71	73	69	82	76
RH Min (%)	31	26	26	27	31
Wind Speed (Kmph)	11	11	10	14	23
Wind Direction (deg)	315	113	158	198	212

Agromet Advisory

General advisory: Looking to the increasing rate of temperature and dry weather farmers are advised to irrigate their crop field as per requirement and farmers should cover the soil with white mulch/polithine to conserve the soil moisture.

Pulses:

November to December sown crop is at pod formation to seed development (nine to twelve week) stage. Flowering and pod development stage is sensitive to moisture stress; carry out irrigation as per the status of soil moisture. Present weather conditions are favorable for the incidence of Sucking pest (thrips) in pulses to control advised to spray Fipronil @ @ 200ml/ac. In case of YMV infestation uproots and destroys the infected plant and spray imidacloprid 50ml/acre mixing with 200 lit of water.

Rabi-Groundnut:

If groundnut are at harvesting stage then go for harvesting in upcoming dry days. Present weather conditions are favourable for leaf spot and thrips. To control spray hexaconazole @ 2.0 ml per lit of water.

Mustard:

If 80% pods are mature in the field then complete harvesting immediately in upcoming dry days.

Vegetables:

Tomato:

Due to increase in temperature there may be chances of bacterial canker and Sun burn disease in tomato at fruiting stage. To control bacterial canker Farmers should spray Copper oxychloride 50% WP @ 3 g + Plantomycin @ 1 g/litre of water. They should use shade net to protect the crop from sun burn. White flies causes leaf curl disease in Tomato. Uproot and destroy the diseased leaf curl plants. Use nitrogen and irrigation judiciously.

Potato:

- This is the ideal time for potato harvesting, complete harvesting immediately.
- Onion:**
- Onion being a shallow rooted crop, needs frequent light irrigation to maintain optimum soil moisture for proper growth and bulb development. There are chances of purple blotch and Stemphyllium blight disease incidence in onion crop. To manage purple blotch and Stemphyllium leaf blight disease in onion spray Mancozeb 75% WP @ 600gram/acre or Difenconazole 25% E.C @ 200ml/acre or Tebuconazole 25.9% E.C @ 100ml/acre by mixing in 200 litre of water at 15 days interval.
- Okra:**
- Keeping increasing temperature in view, start field's preparation for sowing of early crop of lady finger- A-4, Parbani Kranti and Arka anamika cultivars. Insure optimum moisture for proper germination before sowing of crop.
- Cucurbits:**
- Tender fruit dropping** (due to fungal attack or borer attack). To control late blight Spray during afternoon hours with Mancozeb 75% WP@ 2.5g per liter of water. For fruit dropping apply DiethaneM45@2.5g/liter of water and Propenophos@1.5ml/liter of water. **White fly:** Spray any of the pesticide 70% Imidacloprid 5 gram or Diafenthion 12.5 gram per 15 lit of water. There are chances of infestation of
- Fruits:**
- Mango:** To prevent fruit drop and increase fruit size of mango spray planofix/thaitozyle @ 3ml/15liter of water along with compound micro nutrient @ 45gm/15liter of water. For thrips control, spraying of Acephate @ 1.5 g /litre of water is advocated.
- Cashew:** Prevailing conditions are suitable for the incidence of Tea mosquito bug. Farmers are advised to go for spraying of Neem oil @ 5ml/L + Monocrotophos @ 1.6ml/L at new blush stage and Chlorpyrifos @ 2ml/L at flowering stage. If inflorescence have flourished stop spraying of any insecticides. Hormones like NAA @ 2 ppm can be sprayed. FYM @25 kg per tree can be applied.

Animal husbandry:

As temperature is slightly increasing hence, apply need based minerals along with feed. Provide sufficient clean drinking water to animals and birds. Don't allow them graze during noon hours.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-278
Date- 11/03/2022

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 **34.71°C (+0.2°C from normal)** and **20.7°C (+0.4°C from normal)**, respectively. Mean relative humidity of the district was around 50-82%.

Forecasted period: Today(8.30IST) to 16th March(8.30IST)2022

Weather advisory: *Dry weather is forecasted for upcoming 5 days in the block.* The day temperature will be **35-38°C** and night temperature will be **20-22°C** for upcoming 5 days. Maximum and minimum relative humidity will be 55-75% and 07-14% 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	11/03/2022	12/03/2022	13/03/2022	14/03/2022	15/03/2022
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	35	36	36	36	38
T-Min(°C)	22	22	21	20	21
Cloud Cover(octa)	1	2	3	4	0
RH Max (%)	65	63	55	57	75
RH Min (%)	13	14	12	8	7
Wind Speed (Kmph)	7	7	5	7	11
Wind Direction (deg)	11	203	195	180	281

Agro met Advisory

General advisory: Looking to the increasing rate of temperature and dry weather farmers are advised to irrigate their crop field as per requirement and farmers should cover the soil with white mulch/polithine to conserve the soil moisture.

Pulses:

November to December sown crop is at pod formation to seed development (nine to twelve week) stage. **Flowering and pod development stage is sensitive to moisture stress; carry out irrigation as per the status of soil moisture.** Present weather conditions are favorable for the incidence of Sucking pest (thrips) in pulses to control advised to spray Fipronil @ @ 200ml/ac. In case of **YMV infestation** uproots and destroys the infected plant and spray imidacloprid 50ml/acre mixing with 200 lit of water.

Rabi-Groundnut:

If groundnut are at harvesting stage then go for harvesting in upcoming dry days. Present weather conditions are favourable for **leaf spot and thrips**. To control spray hexaconazole @ 2.0 ml per lit of water.

Mustard:

If 80% pods are mature in the field then complete harvesting immediately in upcoming dry days.

Vegetables:

Tomato:

Due to increase in temperature there may be chances of **bacterial canker and Sun burn** disease in tomato at fruiting stage. To control bacterial canker Farmers should spray Copper oxychloride 50% WP @ 3 g + Plantomycin @ 1 g/litre of water. They should use shade net to protect the crop from sun burn. **White flies** causes leaf curl disease in Tomato. Uproot and destroy the diseased leaf curl plants. Use nitrogen and irrigation judiciously.

Potato:

- This is the ideal time for potato harvesting, complete harvesting immediately.
- **Onion:**
- Onion being a shallow rooted crop, **needs frequent light irrigation to maintain optimum soil moisture for proper growth and bulb development.** There are chances of **purple blotch and Stemphyllium blight** disease incidence in onion crop. To manage purple blotch and Stemphyllium leaf blight disease in onion spray Mancozeb 75% WP @ 600gram/acre or Difenconazole 25% E.C @ 200ml/acre or Tebuconazole 25.9% E.C @ 100ml/acre by mixing in 200 litre of water at 15 days interval.
- **Okra:**
- Keeping increasing temperature in view, start field's preparation for sowing of early crop of lady finger- A-4, Parbani Kranti and Arka anamika cultivars. Insure optimum moisture for proper germination before sowing of crop.
- **Cucutbits:**
- **Tender fruit dropping** (due to fungal attack or borer attack). To control late blight Spray during afternoon hours with Mancozeb 75% WP@ 2.5g per liter of water. For fruit dropping apply DiethaneM45@2.5g/liter of water and Propenophos@1.5ml/liter of water. **White fly:** Spray any of the pesticide 70% Imidacloprid 5 gram or Diafenthion 12.5 gram per 15 lit of water. There are chances of infestation of
- **Fruits:**
- **Mango:** To prevent **fruit drop and increase fruit size of mango** spray planofix/thaitozone @ 3ml/15liter of water along with compound micro nutrient @ 45gm/15liter of water. For **thrips** control, spraying of Acephate @ 1.5 g /litre of water is advocated.
- **Cashew:** Prevailing conditions are suitable for the incidence of **Tea mosquito bug**. Farmers are advised to go for spraying of Neem oil @ 5ml/L + Monocrotophos @ 1.6ml/L at new blush stage and Chlorpyrifos @ 2ml/L at flowering stage. If inflorescence have flourished stop spraying of any insecticides. Hormones like NAA @ 2 ppm can be sprayed. FYM @25 kg per tree can be applied.

Animal husbandry:

As temperature is slightly increasing hence, apply need based minerals along with feed. Provide sufficient clean drinking water to animals and birds. Don't allow them graze during noon hours.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-278
Date- 11/03/2022

				
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	

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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