

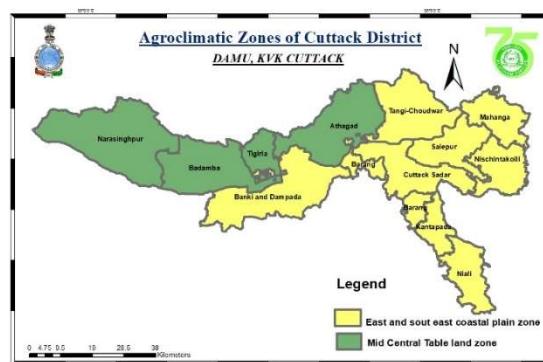


GRAMIN KRISHI MAUSAM SEWA
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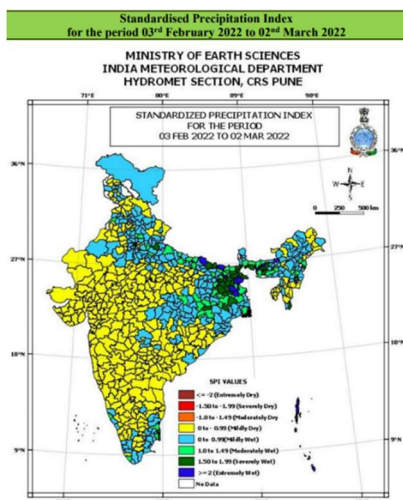


Bulletin No.-277
Date- 08/03/2022

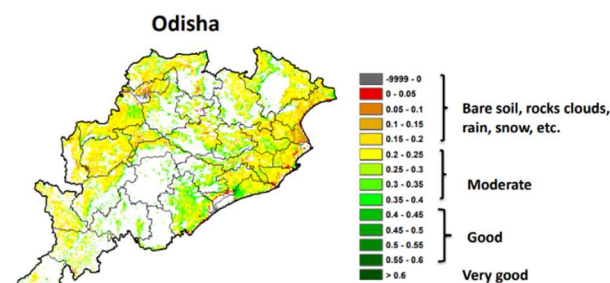
AGROCLIMATIC ZONES OF CUTTACK DISTRICT:



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 -03 February 2022 – 02March 2022), mildly wet 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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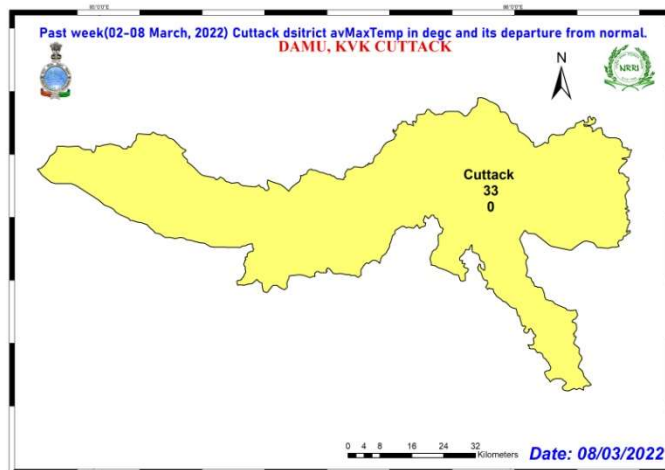
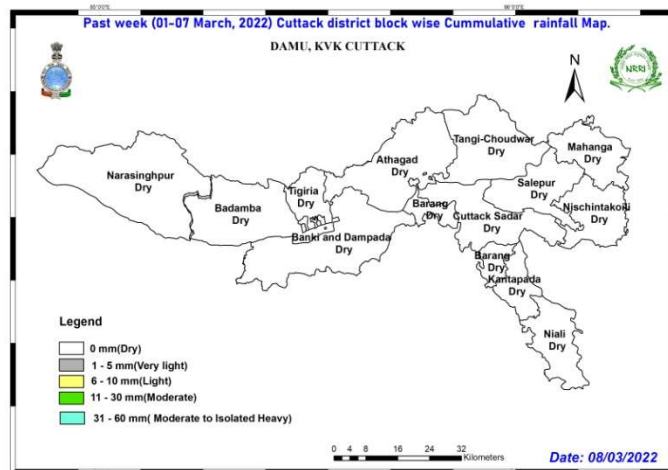


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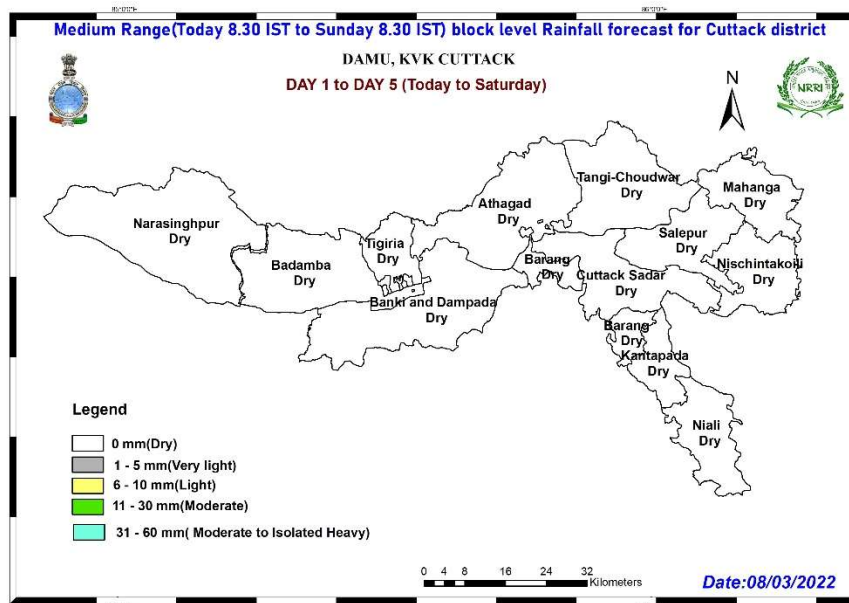


Bulletin No.-277
Date- 08/03/2022

Past week (01-07 March, 2022) cumulative rainfall and (02-08 March) average maximum temperature and its departure from normal for Cuttack district



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



Dr Sujata Sethy
 (Nodal officer)



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Bulletin No.-277
Date- 08/03/2022

Met Sub division	Extended range outlook for subsequent 1 week (6 th to 12 th days) (13-19 March 2022)		
Odisha	<i>Parameter</i>	<i>Departure (%)</i>	<i>Category</i>
	Rainfall	-94.71	Below Normal
	<i>Parameter</i>	<i>Anomaly</i>	<i>Category</i>
	Maximum temperature	1.4	Normal
	Minimum temperature	-2	Below Normal

General Agromet Advisory:-As There will be below normal rainfall is forecasted in subsequent week, after upcoming 5 days, so farmers are advised to complete their pre summer sowing activity in upcoming week and should do irrigation activities in upcoming 5 days 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.

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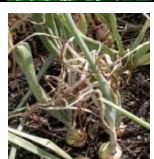


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Bulletin No.-277

Date- 08/03/2022

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		Pod borer
				YMV
2	Rabi Groundnut	Flowering to maturity		Spodoptera/Tobacco caterpillar
				Red hairy caterpillar
3	Tomato	Flowering to Fruiting		Bacterial Canker
				Sun burn
				Flower drop
				Bacterial wilt
4	Onion	Flowering		Purple blotch
				Stemphylium Blight
5	Cucurbits	Flowering to Fruiting stage		Whitefly
				Late blight

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Bulletin No.-277
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				Tender fruit drop
6	Mango	Flowering to fruiting		Mango fruit drop
				Thrips
7	Cashew	Flowering to fruiting		Tea mosquito bug

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Bulletin No.-277

Date- 08/03/2022

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 **33.85°C (+0.5°C from normal)** and **20.28°C (+0.3°C from normal)**, respectively. Mean relative humidity of the district was around 50-81%.

Forecasted period: Today(8.30IST) to 13th 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 **21°C** for upcoming 5 days. Maximum and minimum relative humidity will be 54-84% and 10-13% 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	08/03/2022	09/03/2022	10/03/2022	11/03/2022	12/03/2022
Rainfall (mm)	0	0	0	0	0
T-Max (°C)	34	35	36	36	36
T-Min (°C)	21	21	21	21	21
Cloud Cover (octa)	0	0	3	0	0
RH Max (%)	84	63	64	54	55
RH Min (%)	12	13	11	10	11
Wind Speed (kmph)	9	6	6	8	8
Wind Direction (deg)	15	23	15	23	158

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.** In case of **YMV infestation** uproots and destroys the infected plant and spray imidacloprid 50ml/acre mixing with 200 lit of water. For **pod borer infestation**, farmers are advised to keep keen watch over the crops and adopt integrated pest management practices like light trap, pheromone trap etc. For initial control. If necessary spray insecticides like Aciphate WP @ 250 g/ha (250 ml/ha) or Polytrin C @ 1 liter/ha.

Rabi-Groundnut: Do not disturb the soil after flower initiation in groundnut. Do irrigation in the field based upon soil moisture. **Increase in temperature** may enhance **red hairy caterpillar and tobacco caterpillar** infestation in groundnut; to control, spray Profenophos 50% EC @ 2 ml/litre of water or Flubendiamide 480 SC @ 0.2 ml/litre of water.

Mustard: If 80% pods are mature in the field then complete harvesting immediately.

Vegetables:

Tomato: Transplanted seedlings are at 6-8 week stage in main field. **Due to water stress, deficiency of boron or due to hormonal disbalance flower drop occurs.** Control: Apply timely and required amount of irrigation. Spray Boron 20% 2 gram/lit during early flowering and 15 days later. 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. **Bacterial wilt** may be reported in tomato field, to control it drenching with copper oxychloride @ 3g+ plantomycin @ 1 g/litre of water.

- **Potato:** This is the ideal time for potato harvesting, complete harvesting immediately.
- **Onion:** Do inter culture and hand weeding may be carried out at 45-50 DAT and application of 30-kg of urea and 15-kg of MOP fertilizer should be done at this stage. 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/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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SMS (Agrometeorology)

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Bulletin No.-277
Date- 08/03/2022

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 **33.85°C (+0.5°C from normal)** and **20.28°C (+0.3°C from normal)**, respectively. Mean relative humidity of the district was around 50-81%.

Forecasted period: Today(8.30IST) to 13th March(8.30IST)2022

Weather advisory: *Dry weather is forecasted for upcoming 5 days in the block.* The day temperature will be **34-38°C** and night temperature will be **20-21°C** for upcoming 5 days. Maximum and minimum relative humidity will be 46-81% and 10-13% 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	08/03/2022	09/03/2022	10/03/2022	11/03/2022	12/03/2022
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	34	36	37	36	38
T-Min(°C)	20	21	21	21	21
Cloud Cover(octa)	0	0	3	0	0
RH Max (%)	81	55	55	49	46
RH Min (%)	13	12	10	10	11
Wind Speed (Kmph)	8	5	6	7	6
Wind Direction (deg)	195	23	161	23	120

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.** In case of **YMV infestation** uproots and destroys the infected plant and spray imidacloprid 50ml/acre mixing with 200 lit of water. For **pod borer infestation**, farmers are advised to keep keen watch over the crops and adopt integrated pest management practices like light trap, pheromone trap etc. For initial control. If necessary spray insecticides like Aciphate WP @ 250 g/ha (250 ml/ha) or Polytrin C @ 1 liter/ha.

Rabi-Groundnut: Do not disturb the soil after flower initiation in groundnut. Do irrigation in the field based upon soil moisture. **Increase in temperature** may enhance **red hairy caterpillar and tobacco caterpillar** infestation in groundnut; to control, spray Profenophos 50% EC @ 2 ml/litre of water or Flubendiamide 480 SC @ 0.2 ml/litre of water.

Mustard: If 80% pods are mature in the field then complete harvesting immediately.

Vegetables:

Tomato: Transplanted seedlings are at 6-8 week stage in main field. **Due to water stress, deficiency of boron or due to hormonal disbalance flower drop occurs.** Control: Apply timely and required amount of irrigation. Spray Boron 20% 2 gram/lit during early flowering and 15 days later. 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. **Bacterial wilt** may be reported in tomato field, to control it drenching with copper oxychloride @ 3g+ plantomycin @1 g/ litre of water.

- **Potato:** This is the ideal time for potato harvesting, complete harvesting immediately.
- **Onion:** Do inter culture and hand weeding may be carried out at 45-50 DAT and application of 30-kg of urea and 15-kg of MOP fertilizer should be done at this stage. 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
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- **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.

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Bulletin No.-277
Date- 08/03/2022

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 **33.85°C (+0.5°C from normal)** and 20.28°C (+0.3°C from normal), respectively. Mean relative humidity of the district was around 50-81%.

Forecasted period: Today(8.30IST) to 13th 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°C for upcoming 5 days. Maximum and minimum relative humidity will be 53-84% and 10-13% 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	08/03/2022	09/03/2022	10/03/2022	11/03/2022	12/03/2022
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	34	36	37	36	37
T-Min(°C)	21	21	21	21	21
Cloud Cover(octa)	0	0	3	0	0
RH Max (%)	84	62	62	54	53
RH Min (%)	13	13	11	10	11
Wind Speed (Kmph)	8	6	6	7	7
Wind Direction (deg)	195	180	160	18	68

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.** In case of **YMV infestation** uproots and destroys the infected plant and spray imidacloprid 50ml/acre mixing with 200 lit of water. For **pod borer infestation**, farmers are advised to keep keen watch over the crops and adopt integrated pest management practices like light trap, pheromone trap etc. For initial control. If necessary spray insecticides like Aciphate WP @ 250 g/ha (250 ml/ha) or Polytrin C @ 1 liter/ha.

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Bulletin No.-277

Date- 08/03/2022

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 **33.85°C (+0.5°C from normal)** and **20.28°C (+0.3°C from normal)**, respectively. Mean relative humidity of the district was around 50-81%.

Forecasted period: Today(8.30IST) to 13th 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°C for upcoming 5 days. Maximum and minimum relative humidity will be 53-84% and 10-13% 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	08/03/2022	09/03/2022	10/03/2022	11/03/2022	12/03/2022
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	34	36	37	36	37
T-Min(°C)	21	21	21	21	21
Cloud Cover(octa)	0	0	2	0	0
RH Max (%)	84	63	63	54	53
RH Min (%)	13	13	11	10	11
Wind Speed (Kmph)	8	6	7	7	8
Wind Direction (deg)	195	180	160	18	68

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.** In case of **YMV infestation** uproots and destroys the infected plant and spray imidacloprid 50ml/acre mixing with 200 lit of water. For **pod borer infestation**, farmers are advised to keep keen watch over the crops and adopt integrated pest management practices like light trap, pheromone trap etc. For initial control. If necessary spray insecticides like Aciphate WP @ 250 g/ha (250 ml/ha) or Polytrin C @ 1 liter/ha.

Rabi-Groundnut: Do not disturb the soil after flower initiation in groundnut. Do irrigation in the field based upon soil moisture. **Increase in temperature** may enhance **red hairy caterpillar and tobacco caterpillar** infestation in groundnut; to control, spray Profenophos 50% EC @ 2 ml/litre of water or Flubendiamide 480 SC @ 0.2 ml/litre of water.

Mustard: If 80% pods are mature in the field then complete harvesting immediately.

Vegetables:

Tomato: Transplanted seedlings are at 6-8 week stage in main field. **Due to water stress, deficiency of boron or due to hormonal disbalance flower drop occurs.** Control: Apply timely and required amount of irrigation. Spray Boron 20% 2 gram/lit during early flowering and 15 days later. 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. **Bacterial wilt** may be reported in tomato field, to control it drenching with copper oxychloride @ 3g+ plantomycin @ 1 g/ litre of water.

- **Potato:** This is the ideal time for potato harvesting, complete harvesting immediately.
- **Onion:** Do inter culture and hand weeding may be carried out at 45-50 DAT and application of 30-kg of urea and 15-kg of MOP fertilizer should be done at this stage. 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.
- **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 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 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.-277
Date- 08/03/2022

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 **33.85°C (+0.5°C from normal)** and **20.28°C (+0.3°C from normal)**, respectively. Mean relative humidity of the district was around 50-81%.

Forecasted period: Today(8.30IST) to 13th 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 **21-22°C** for upcoming 5 days. Maximum and minimum relative humidity will be 59-85% and 10-15% 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	08/03/2022	09/03/2022	10/03/2022	11/03/2022	12/03/2022
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	34	35	36	36	36
T-Min(°C)	21	22	21	21	21
Cloud Cover	0	0	3	0	0
RH Max (%)	85	70	74	59	59
RH Min (%)	13	15	13	10	12
Wind Speed (Kmph)	9	8	8	10	10
Wind Direction (deg)	180	165	120	18	68

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.** In case of **YMV infestation** uproots and destroys the infected plant and spray imidacloprid 50ml/acre mixing with 200 lit of water. For **pod borer infestation**, farmers are advised to keep keen watch over the crops and adopt integrated pest management practices like light trap, pheromone trap etc. For initial control. If necessary spray insecticides like Aciphate WP @ 250 g/ha (250 ml/ha) or Polytrin C @ 1 liter/ha.

Rabi-Groundnut: Do not disturb the soil after flower initiation in groundnut. Do irrigation in the field based upon soil moisture. **Increase in temperature** may enhance **red hairy caterpillar and tobacco caterpillar** infestation in groundnut; to control, spray Profenophos 50% EC @ 2 ml/litre of water or Flubendiamide 480 SC @ 0.2 ml/litre of water.

Mustard: If 80% pods are mature in the field then complete harvesting immediately.

Vegetables:

Tomato: Transplanted seedlings are at 6-8 week stage in main field. **Due to water stress, deficiency of boron or due to hormonal disbalance flower drop occurs.** Control: Apply timely and required amount of irrigation. Spray Boron 20% 2 gram/lit during early flowering and 15 days later. 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. **Bacterial wilt** may be reported in tomato field, to control it drenching with copper oxychloride @ 3g+ plantomycin @ 1 g/litre of water.

- **Potato:** This is the ideal time for potato harvesting, complete harvesting immediately.
- **Onion:** Do inter culture and hand weeding may be carried out at 45-50 DAT and application of 30-kg of urea and 15-kg of MOP fertilizer should be done at this stage. 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 Diafenthuron 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.-277
Date- 08/03/2022

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

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 **33.85°C (+0.5°C from normal)** and **20.28°C (+0.3°C from normal)**, respectively. Mean relative humidity of the district was around 50-81%.

Forecasted period: Today(8.30IST) to 13th 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 **21-22°C** for upcoming 5 days. Maximum and minimum relative humidity will be 56-84% and 10-14% 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	08/03/2022	09/03/2022	10/03/2022	11/03/2022	12/03/2022
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	34	34	36	36	36
T-Min(°C)	21	22	21	21	21
Cloud Cover(octa)	0	0	3	0	0
RH Max (%)	84	67	69	56	57
RH Min (%)	12	14	12	10	11
Wind Speed (Kmph)	9	8	7	9	9
Wind Direction (deg)	195	165	293	18	68

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.** In case of **YMV infestation** uproots and destroys the infected plant and spray imidacloprid 50ml/acre mixing with 200 lit of water. For **pod borer infestation**, farmers are advised to keep keen watch over the crops and adopt integrated pest management practices like light trap, pheromone trap etc. For initial control. If necessary spray insecticides like Aciphate WP @ 250 g/ha (250 ml/ha) or Polytrin C @ 1 liter/ha.

Rabi-Groundnut: Do not disturb the soil after flower initiation in groundnut. Do irrigation in the field based upon soil moisture. **Increase in temperature** may enhance **red hairy caterpillar and tobacco caterpillar** infestation in groundnut; to control, spray Profenophos 50% EC @ 2 ml/litre of water or Flubendiamide 480 SC @ 0.2 ml/litre of water.

Mustard: If 80% pods are mature in the field then complete harvesting immediately.

Vegetables:

Tomato: Transplanted seedlings are at 6-8 week stage in main field. **Due to water stress, deficiency of boron or due to hormonal disbalance flower drop occurs.** Control: Apply timely and required amount of irrigation. Spray Boron 20% 2 gram/lit during early flowering and 15 days later. 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. **Bacterial wilt** may be reported in tomato field, to control it drenching with copper oxychloride @ 3g+ plantomycin @ 1 g/ litre of water.

- **Potato:** This is the ideal time for potato harvesting, complete harvesting immediately.
- **Onion:** Do inter culture and hand weeding may be carried out at 45-50 DAT and application of 30-kg of urea and 15-kg of MOP fertilizer should be done at this stage. 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
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Bulletin No.-277
Date- 08/03/2022

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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 **33.85°C (+0.5°C from normal)** and **20.28°C (+0.3°C from normal)**, respectively. Mean relative humidity of the district was around 50-81%.

Forecasted period: Today(8.30IST) to 13th 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 **21°C** for upcoming 5 days. Maximum and minimum relative humidity will be 62-85% and 12-17% 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	08/03/2022	09/03/2022	10/03/2022	11/03/2022	12/03/2022
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	34	35	35	36	36
T-Min(°C)	21	21	21	21	21
Cloud Cover(octa)	0	0	3	0	1
RH Max (%)	85	74	77	64	62
RH Min (%)	15	16	17	12	13
Wind Speed (Kmph)	10	9	9	10	10
Wind Direction (deg)	243	158	180	23	288

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.** In case of **YMV infestation** uproots and destroys the infected plant and spray imidacloprid 50ml/acre mixing with 200 lit of water. For **pod borer infestation**, farmers are advised to keep keen watch over the crops and adopt integrated pest management practices like light trap, pheromone trap etc. For initial control. If necessary spray insecticides like Aciphate WP @ 250 g/ha (250 ml/ha) or Polytrin C @ 1 liter/ha.

Rabi-Groundnut: Do not disturb the soil after flower initiation in groundnut. Do irrigation in the field based upon soil moisture. **Increase in temperature** may enhance **red hairy caterpillar and tobacco caterpillar** infestation in groundnut; to control, spray Profenophos 50% EC @ 2 ml/litre of water or Flubendiamide 480 SC @ 0.2 ml/litre of water.

Mustard: If 80% pods are mature in the field then complete harvesting immediately.

Vegetables:

Tomato: Transplanted seedlings are at 6-8 week stage in main field. **Due to water stress, deficiency of boron or due to hormonal disbalance flower drop occurs.** Control: Apply timely and required amount of irrigation. Spray Boron 20% 2 gram/lit during early flowering and 15 days later. 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. **Bacterial wilt** may be reported in tomato field, to control it drenching with copper oxychloride @ 3g+ plantomycin @ 1 g/ litre of water.

- **Potato:** This is the ideal time for potato harvesting, complete harvesting immediately.
- **Onion:** Do inter culture and hand weeding may be carried out at 45-50 DAT and application of 30-kg of urea and 15-kg of MOP fertilizer should be done at this stage. 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/thaizoyl @ 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.-277

Date- 08/03/2022

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 33.85°C (+0.5°C from normal) and 20.28°C (+0.3°C from normal), respectively. Mean relative humidity of the district was around 50-81%.

Forecasted period: Today(8.30IST) to 13th 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 34-35°C and night temperature will be 21°C for upcoming 5 days. Maximum and minimum relative humidity will be 53-80% and 12-15% 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	08/03/2022	09/03/2022	10/03/2022	11/03/2022	12/03/2022
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	34	34	35	35	35
T-Min(°C)	21	21	21	21	21
Cloud Cover(octal)	0	0	3	0	1
RH Max (%)	80	66	66	57	53
RH Min (%)	14	15	14	12	13
Wind Speed (Kmph)	10	9	8	10	10
Wind Direction (deg)	210	297	270	360	60

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. In case of YMV infestation uproots and destroys the infected plant and spray imidacloprid 50ml/acre mixing with 200 lit of water. For pod borer infestation, farmers are advised to keep keen watch over the crops and adopt integrated pest management practices like light trap, pheromone trap etc. For initial control. If necessary spray insecticides like Aciphate WP @ 250 g/ha (250 ml/ha) or Polytrin C @ 1 liter/ha.

Rabi-Groundnut: Do not disturb the soil after flower initiation in groundnut. Do irrigation in the field based upon soil moisture. Increase in temperature may enhance red hairy caterpillar and tobacco caterpillar infestation in groundnut; to control, spray Profenophos 50% EC @ 2 ml/litre of water or Flubendiamide 480 SC @ 0.2 ml/litre of water.

Mustard: If 80% pods are mature in the field then complete harvesting immediately.

Vegetables:

Tomato: Transplanted seedlings are at 6-8 week stage in main field. Due to water stress, deficiency of boron or due to hormonal disbalance flower drop occurs. Control: Apply timely and required amount of irrigation. Spray Boron 20% 2 gram/lit during early flowering and 15 days later. 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. Bacterial wilt may be reported in tomato field, to control it drenching with copper oxychloride @ 3g+ plantomycin @ 1 g/ litre of water.

- Potato:** This is the ideal time for potato harvesting, complete harvesting immediately.
- Onion:** Do inter culture and hand weeding may be carried out at 45-50 DAT and application of 30-kg of urea and 15-kg of MOP fertilizer should be done at this stage. 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/thiazole @ 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.

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Bulletin No.-277

Date- 08/03/2022

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 33.85°C (+0.5°C from normal) and 20.28°C (+0.3°C from normal), respectively. Mean relative humidity of the district was around 50-81%.

Forecasted period: Today(8.30IST) to 13th March(8.30IST)2022

Weather advisory: Dry weather is forecasted for upcoming 5 days in the block. The day temperature will be 34-38°C and night temperature will be 19-20°C for upcoming 5 days. Maximum and minimum relative humidity will be 39-74% and 10-13% 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	08/03/2022	09/03/2022	10/03/2022	11/03/2022	12/03/2022
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	34	36	37	35	38
T-Min(°C)	19	20	20	20	20
Cloud Cover(octa)	0	0	2	0	0
RH Max (%)	74	48	47	44	39
RH Min (%)	13	11	11	10	11
Wind Speed (Kmph)	6	5	4	6	5
Wind Direction (deg)	338	30	135	11	195

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.** In case of **YMV infestation** uproots and destroys the infected plant and spray imidacloprid 50ml/acre mixing with 200 lit of water. For **pod borer infestation**, farmers are advised to keep keen watch over the crops and adopt integrated pest management practices like light trap, pheromone trap etc. For initial control. If necessary spray insecticides like Aciphate WP @ 250 g/ha (250 ml/ha) or Polytrin C @ 1 liter/ha.

Rabi-Groundnut: Do not disturb the soil after flower initiation in groundnut. Do irrigation in the field based upon soil moisture. **Increase in temperature** may enhance **red hairy caterpillar and tobacco caterpillar** infestation in groundnut; to control, spray Profenophos 50% EC @ 2 ml/litre of water or Flubendiamide 480 SC @ 0.2 ml/litre of water.

Mustard: If 80% pods are mature in the field then complete harvesting immediately.

Vegetables:

Tomato: Transplanted seedlings are at 6-8 week stage in main field. **Due to water stress, deficiency of boron or due to hormonal disbalance flower drop occurs.** Control: Apply timely and required amount of irrigation. Spray Boron 20% 2 gram/lit during early flowering and 15 days later. 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. **Bacterial wilt** may be reported in tomato field, to control it drenching with copper oxychloride @ 3g+ plantomycin @ 1 g/ litre of water.

- **Potato:** This is the ideal time for potato harvesting, complete harvesting immediately.
- **Onion:** Do inter culture and hand weeding may be carried out at 45-50 DAT and application of 30-kg of urea and 15-kg of MOP fertilizer should be done at this stage. 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 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 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.-277
Date- 08/03/2022

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 **33.85°C (+0.5°C from normal)** and **20.28°C (+0.3°C from normal)**, respectively. Mean relative humidity of the district was around 50-81%.

Forecasted period: Today(8.30IST) to 13th March(8.30IST)2022

Weather advisory: *Dry weather is forecasted for upcoming 5 days in the block.* The day temperature will be **35-36°C** and night temperature will be **20-21°C** for upcoming 5 days. Maximum and *minimum* relative humidity will be 65-84% and 15-19% 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	08/03/2022	09/03/2022	10/03/2022	11/03/2022	12/03/2022
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	35	35	35	36	36
T-Min(°C)	21	21	20	21	21
Cloud Cover(octa)	0	0	3	0	2
RH Max (%)	84	77	79	68	65
RH Min (%)	19	18	19	15	15
Wind Speed(Kmph)	10	9	10	10	10
Wind Direction(deg)	243	135	240	333	150

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.** In case of **YMV infestation** uproots and destroys the infected plant and spray imidacloprid 50ml/acre mixing with 200 lit of water. For **pod borer infestation**, farmers are advised to keep keen watch over the crops and adopt integrated pest management practices like light trap, pheromone trap etc. For initial control. If necessary spray insecticides like Aciphate WP @ 250 g/ha (250 ml/ha) or Polytrin C @ 1 liter/ha.

Rabi-Groundnut: Do not disturb the soil after flower initiation in groundnut. Do irrigation in the field based upon soil moisture. **Increase in temperature** may enhance **red hairy caterpillar** and **tobacco caterpillar** infestation in groundnut; to control, spray Profenophos 50% EC @ 2 ml/litre of water or Flubendiamide 480 SC @ 0.2 ml/litre of water.

Mustard: If 80% pods are mature in the field then complete harvesting immediately.

Vegetables:

Tomato: Transplanted seedlings are at 6-8 week stage in main field. **Due to water stress, deficiency of boron or due to hormonal disbalance flower drop occurs.** Control: Apply timely and required amount of irrigation. Spray Boron 20% 2 gram/lit during early flowering and 15 days later. 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. **Bacterial wilt** may be reported in tomato field, to control it drenching with copper oxychloride @ 3g+ plantomycin @1 g/ litre of water.

- **Potato:** This is the ideal time for potato harvesting, complete harvesting immediately.
- **Onion:** Do inter culture and hand weeding may be carried out at 45-50 DAT and application of 30-kg of urea and 15-kg of MOP fertilizer should be done at this stage. 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 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/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 Sathy
(Nodal officer)



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Bulletin No.-277
 Date- 08/03/2022

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 **33.85°C (+0.5°C from normal)** and **20.28°C (+0.3°C from normal)**, respectively. Mean relative humidity of the district was around 50-81%.

Forecasted period: Today(8.30IST) to 13thMarch(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 **21°C** for upcoming 5 days. Maximum and minimum relative humidity will be **56-82%** and **12-16%** 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	08/03/2022	09/03/2022	10/03/2022	11/03/2022	12/03/2022
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	34	35	36	35	36
T-Min(°C)	21	21	21	21	21
Cloud Cover(octa)	0	0	3	0	1
RH Max (%)	82	69	71	58	56
RH Min (%)	14	16	14	12	13
Wind Speed (Kmph)	10	9	8	10	11
Wind Direction (deg)	210	297	270	360	68

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.** In case of **YMV infestation** uproots and destroys the infected plant and spray imidacloprid 50ml/acre mixing with 200 lit of water. For **pod borer infestation**, farmers are advised to keep keen watch over the crops and adopt integrated pest management practices like light trap, pheromone trap etc. For initial control. If necessary spray insecticides like Aciphate WP @ 250 g/ha (250 ml/ha) or Polytrin C @ 1 liter/ha.

Rabi-Groundnut: Do not disturb the soil after flower initiation in groundnut. Do irrigation in the field based upon soil moisture. **Increase in temperature** may enhance **red hairy caterpillar and tobacco caterpillar** infestation in groundnut; to control, spray Profenophos 50% EC @ 2 ml/litre of water or Flubendiamide 480 SC @ 0.2 ml/litre of water.

Mustard: If 80% pods are mature in the field then complete harvesting immediately.

Vegetables:

Tomato: Transplanted seedlings are at 6-8 week stage in main field. **Due to water stress, deficiency of boron or due to hormonal disbalance flower drop occurs.** Control: Apply timely and required amount of irrigation. Spray Boron 20% 2 gram/lit during early flowering and 15 days later. 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. **Bacterial wilt** may be reported in tomato field, to control it drenching with copper oxychloride @ 3g+ plantomycin @ 1 g/ litre of water.

- **Potato:** This is the ideal time for potato harvesting, complete harvesting immediately.
- **Onion:** Do inter culture and hand weeding may be carried out at 45-50 DAT and application of 30-kg of urea and 15-kg of MOP fertilizer should be done at this stage. 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 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.-277
Date- 08/03/2022

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 **33.85°C (+0.5°C from normal)** and **20.28°C (+0.3°C from normal)**, respectively. Mean relative humidity of the district was around 50-81%.

Forecasted period: Today(8.30IST) to 13thMarch(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 **21-22°C** for upcoming 5 days. Maximum and minimum relative humidity will be 56-82% and 12-15% respectively. **There will be clear to partly cloudy sky for next 5days.**

Block	Salepur(VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	08/03/2022	09/03/2022	10/03/2022	11/03/2022	12/03/2022
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	34	34	36	35	35
T-Min(°C)	21	22	21	21	21
Cloud Cover(octa)	0	0	3	0	1
RH Max (%)	82	68	70	57	56
RH Min (%)	14	15	14	12	13
Wind Speed (Kmph)	10	9	8	10	10
Wind Direction (deg)	210	297	270	360	68

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.** In case of **YMV infestation** uproots and destroys the infected plant and spray imidacloprid 50ml/acre mixing with 200 lit of water. For **pod borer infestation**, farmers are advised to keep keen watch over the crops and adopt integrated pest management practices like light trap, pheromone trap etc. For initial control. If necessary spray insecticides like Aciphate WP @ 250 g/ha (250 ml/ha) or Polytrin C @ 1 liter/ha.

Rabi-Groundnut: Do not disturb the soil after flower initiation in groundnut. Do irrigation in the field based upon soil moisture. **Increase in temperature** may enhance **red hairy caterpillar and tobacco caterpillar** infestation in groundnut; to control, spray Profenophos 50% EC @ 2 ml/litre of water or Flubendiamide 480 SC @ 0.2 ml/litre of water.

Mustard: If 80% pods are mature in the field then complete harvesting immediately.

Vegetables:

Tomato: Transplanted seedlings are at 6-8 week stage in main field. **Due to water stress, deficiency of boron or due to hormonal disbalance flower drop occurs.** Control: Apply timely and required amount of irrigation. Spray Boron 20% 2 gram/lit during early flowering and 15 days later. 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. **Bacterial wilt** may be reported in tomato field, to control it drenching with copper oxychloride @ 3g+ plantomycin @1 g/ litre of water.

- **Potato:** This is the ideal time for potato harvesting, complete harvesting immediately.
- **Onion:** Do inter culture and hand weeding may be carried out at 45-50 DAT and application of 30-kg of urea and 15-kg of MOP fertilizer should be done at this stage. 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.-277

Date- 08/03/2022

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 33.85°C (+0.5°C from normal) and 20.28°C (+0.3°C from normal), respectively. Mean relative humidity of the district was around 50-81%.

Forecasted period: Today(8.30IST) to 13th 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 23-24°C for upcoming 5 days. Maximum and minimum relative humidity will be 61-78% and 19-27% 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	08/03/2022	09/03/2022	10/03/2022	11/03/2022	12/03/2022
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	35	36	36	37	37
T-Min(°C)	23	23	24	24	24
Cloud Cover(octa)	0	0	3	1	2
RH Max (%)	78	75	77	66	61
RH Min (%)	27	27	27	22	19
Wind Speed (Kmph)	11	11	12	11	12
Wind Direction (deg)	162	180	169	333	113

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.** In case of **YMV infestation** uproots and destroys the infected plant and spray imidacloprid 50ml/acre mixing with 200 lit of water. For **pod borer infestation**, farmers are advised to keep keen watch over the crops and adopt integrated pest management practices like light trap, pheromone trap etc. For initial control. If necessary spray insecticides like Aciphate WP @ 250 g/ha (250 ml/ha) or Polytrin C @ 1 liter/ha.

Rabi-Groundnut: Do not disturb the soil after flower initiation in groundnut. Do irrigation in the field based upon soil moisture. **Increase in temperature** may enhance **red hairy caterpillar and tobacco caterpillar** infestation in groundnut; to control, spray Profenophos 50% EC @ 2 ml/litre of water or Flubendiamide 480 SC @ 0.2 ml/litre of water.

Mustard: If 80% pods are mature in the field then complete harvesting immediately.

Vegetables:

Tomato: Transplanted seedlings are at 6-8 week stage in main field. **Due to water stress, deficiency of boron or due to hormonal disbalance flower drop occurs.** Control: Apply timely and required amount of irrigation. Spray Boron 20% 2 gram/lit during early flowering and 15 days later. 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. **Bacterial wilt** may be reported in tomato field, to control it drenching with copper oxychloride @ 3g+ plantomycin @ 1 g/ litre of water.

- **Potato:** This is the ideal time for potato harvesting, complete harvesting immediately.
- **Onion:** Do inter culture and hand weeding may be carried out at 45-50 DAT and application of 30-kg of urea and 15-kg of MOP fertilizer should be done at this stage. 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.
- **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 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 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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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.-277

Date- 08/03/2022

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 33.85°C (+0.5°C from normal) and 20.28°C (+0.3°C from normal), respectively. Mean relative humidity of the district was around 50-81%.

Forecasted period: Today(8.30IST) to 13th 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 21°C for upcoming 5 days. Maximum and minimum relative humidity will be 51-83% and 10-13% 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	08/03/2022	09/03/2022	10/03/2022	11/03/2022	12/03/2022
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	34	35	36	36	36
T-Min(°C)	21	21	21	21	21
Cloud Cover(octa)	0	0	3	0	0
RH Max (%)	83	60	60	51	51
RH Min (%)	12	13	11	10	11
Wind Speed (Kmph)	9	6	6	7	7
Wind Direction (deg)	15	23	15	19	23

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. In case of YMV infestation uproots and destroys the infected plant and spray imidacloprid 50ml/acre mixing with 200 lit of water. For pod borer infestation, farmers are advised to keep keen watch over the crops and adopt integrated pest management practices like light trap, pheromone trap etc. For initial control. If necessary spray insecticides like Aciphate WP @ 250 g/ha (250 ml/ha) or Polytrin C @ 1 liter/ha.

Rabi-Groundnut: Do not disturb the soil after flower initiation in groundnut. Do irrigation in the field based upon soil moisture. Increase in temperature may enhance red hairy caterpillar and tobacco caterpillar infestation in groundnut; to control, spray Profenophos 50% EC @ 2 ml/litre of water or Flubendiamide 480 SC @ 0.2 ml/litre of water.

Mustard: If 80% pods are mature in the field then complete harvesting immediately.

Vegetables:

Tomato: Transplanted seedlings are at 6-8 week stage in main field. Due to water stress, deficiency of boron or due to hormonal disbalance flower drop occurs. Control: Apply timely and required amount of irrigation. Spray Boron 20% 2 gram/lit during early flowering and 15 days later. 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. Bacterial wilt may be reported in tomato field, to control it drenching with copper oxychloride @ 3g+ plantomycin @ 1 g/ litre of water.

- Potato:** This is the ideal time for potato harvesting, complete harvesting immediately.
- Onion:** Do inter culture and hand weeding may be carried out at 45-50 DAT and application of 30-kg of urea and 15-kg of MOP fertilizer should be done at this stage. 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.
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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://imdagrimet.gov.in/imdproject/AGIndex.php	

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