

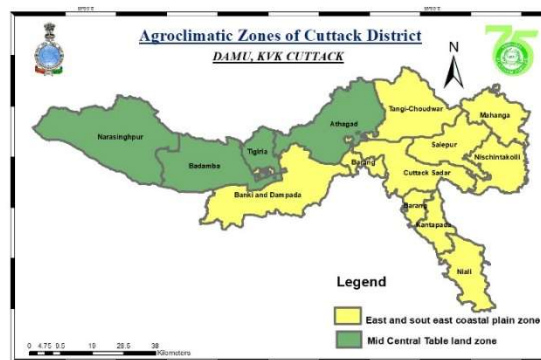


GRAMIN KRISHI MAUSAM SEWA
INDIA METEOROLOGICAL DEPARTMENT
DISTRICT AGROMET UNIT
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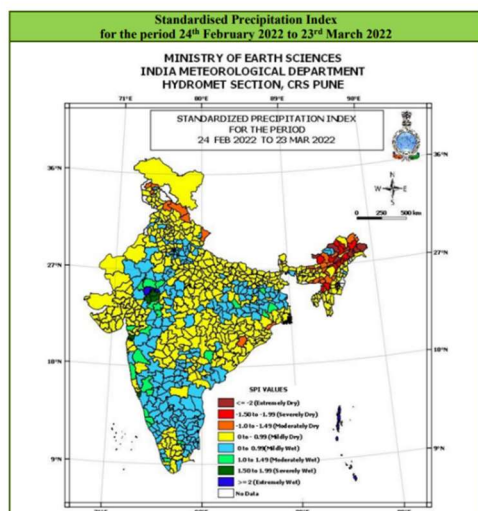


Bulletin No.-284
Date- 31/03/2022

AGROCLIMATIC ZONES OF CUTTACK DISTRICT:

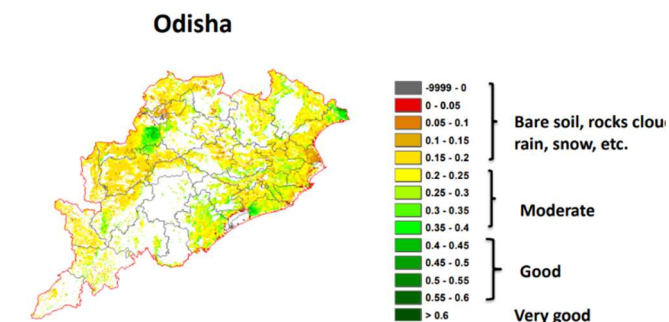


STANDARD PRECIPITATION INDEX AND NDVI MAP



As per SPI value (cumulative 4weeks -24 February 2022 – 23March 2022), mildly dry condition was there in Cuttack district.

**NOAA/VIIRS/BLENDED NDVI Composite ending on Week no 12
(19.03.2022 to 25.03.2022) over Agricultural region**



Agriculture vigour is good over isolated pockets of the state.

According to NDVI map (19.03.2022 to 25.03.2022) the agriculture vigor was light to moderate over isolated places of Cuttack district and very light over some places of CuuatsksadarBaarnga, Banki and Bankidampada.

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
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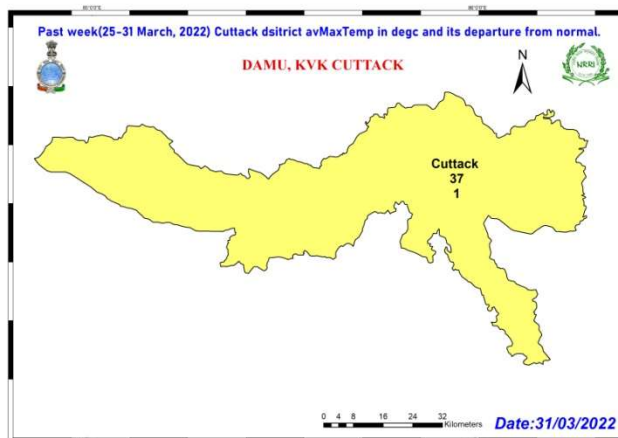
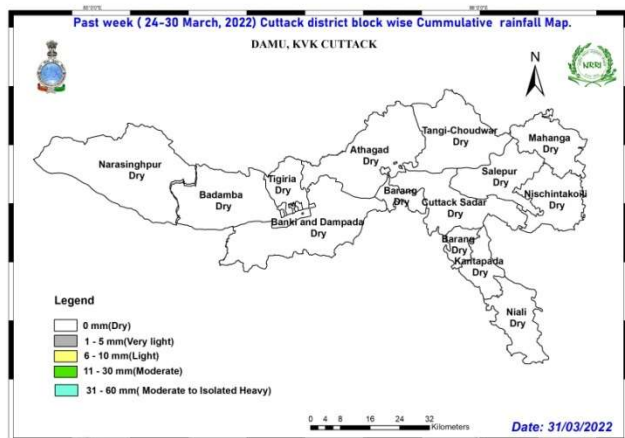


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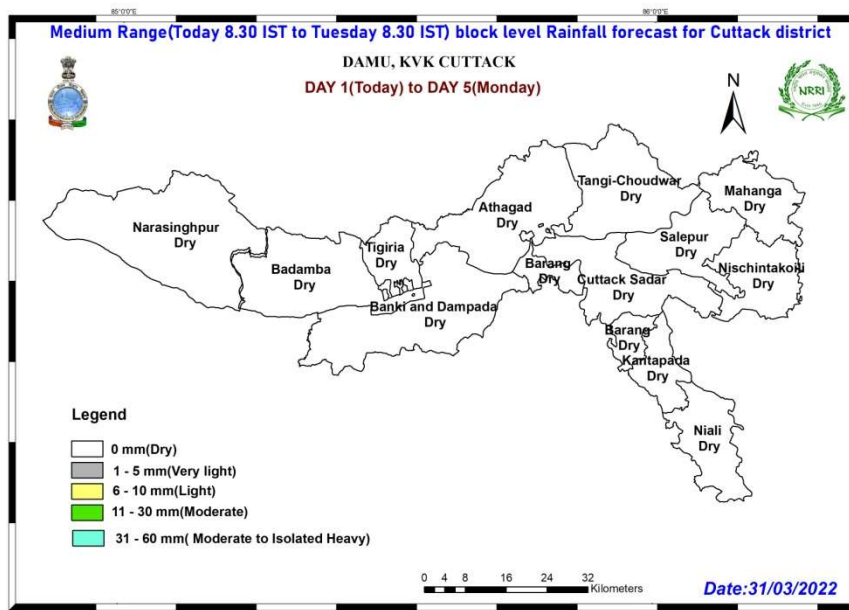


Bulletin No.-284
Date- 31/03/2022

Past week (24-30 March, 2022) cumulative rainfall and (25-31 March) average maximum temperature and its departure from normal for Cuttack district



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



Dr Sujata Sethy
 (Nodal officer)



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Bulletin No.-284

Date- 31/03/2022

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
				Flea beetle
				Pod borer
2	Brinjal	Flowering to Fruting		Fruit and shoot borer
3	Tomato	Flowering to Fruting		Leaf spot
4	Onion	Flowering		Purple blight
				Stemphylium Blight
5	Cucurbits	Flowering to Fruiting stage		Whitefly
				Late blight
				Tender fruit drop
6	Mango	Flowering to fruiting		Mango fruit drop
				Thrips

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Bulletin No.-284

Date- 31/03/2022

AGROMET ADVISORY BULLETIN FOR ATHAGAD

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

The block received average 0mm and district received average 0mm rainfall during the last week. The mean daily maximum and minimum temperature was **36.7°C (+0.9°C from normal)** and **25.7°C (+3.2°C from normal)**, respectively. Mean relative humidity of the district was around 69-84%.

Forecasted period: Today(8.30IST) to 05th April (8.30IST)2022

Weather advisory: *Dry weather is forecasted for upcoming 5 days in the block.* The day temperature will be **36-37°C** and night temperature will be **26-27°C** for upcoming 5 days. Maximum and minimum relative humidity will be 87-96% and 21-37% respectively. **There will be clear to partly cloudy sky for next 5days.**

Block	Athagad(VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	31/03/2022	01/04/2022	02/04/2022	03/04/2022	04/04/2022
Rainfall (mm)	0	0	0	0	0
T-Max (°C)	38	38	38	37	36
T-Min (°C)	26	27	27	27	26
Cloud Cover (octa)	3	3	2	2	1
RH Max (%)	96	90	87	87	87
RH Min (%)	21	21	29	35	37
Wind Speed (kmph)	16	20	22	24	23
Wind Direction (deg)	193	203	167	193	180

Agromet Advisory

General advisory: Looking to the increasing rate of temperature and dry weather farmers are advised to apply light and frequent irrigation to the standing crops during the evening or early morning and carry out mulching with crop residue, straw or polythene. Undertake mulching in between rows of vegetable crops to conserve soil moisture and maintain soil temperature. To manage water stress mainly in vegetables Foliar spray of 2% DAP + 1% KCl (MOP) during critical stages of flowering and Spray of 40 ppm NAA to check flower and fruit drop (4 ml of Planofix in 4.5 litres of water).

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 **thrips and flea beetle** 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. 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. Spray profenofos 50EC @2ml / lit water later stage.

Suagracne:

Spring planted(December) sugarcane plant are at tillering stage. Irrigate the crop as and when required depending on the soil moistures status. The sugarcane crop should not suffer any moisture stress during its tillering stage (75- 90 DAP). As per soil/climatic condition and stage of crop irrigation apply- summer at 15- 17 day interval or adopt drip method of irrigation and mulching of trash in between two rows of crop to save irrigation water. Keep crop weed free upto 4 months of planting by interculturing, hand weeding or apply post emergence weedicide like 2,4-D (1.2 kg ai/ha)+Paraquat (0.600 kg ai/ha) after 30-60 DAP.

Brinjal:

FRUIT AND SHOOT BORER IN BRINJAL-Spray Neem based pesticide 1500ppm@600ml/acre at initial stages. Later on go for alternate spray of Spinosad 45%SC@70ml/acre and Thiodicarb@250g/acre at 15 days interval.

Tomato: Harvesting should be carried out as per the tenderness of fruit during clear weather condition. For management of **leaf spot disease** spraying of Propiconazole 25 EC @ 10 ml/10 lit or Mencozeb 75 WP 28 gm/10 lit. of water during clear weather condition.

- **Potato:** This is the ideal time for potato harvesting, complete harvesting immediately.
- **Onion:** The bulbs are ready for harvesting when around 60-70 % of the the leafy green tops begin to yellow and eventually collapse at a point on the top of the bulb, leaving an upright short neck. Early harvest results in sprouting of the bulbs. After harvesting cut the tops leaving 2.0-2.5 cm above bulb. The harvested bulb should be dried in well ventilated concrete floored room. Well dried bulbs can be stored for longer period.
- **Okra:** Keeping increasing temperature in view, start field's preparation for sowing of early crop of lady finger- A-4, ParbaniKranti and Arkaanamika 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 Diafenthuron 12.5 gram per 15 lit of water. **Apply irrigation to watermelon and gourds.**
- **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. To minimize pre-mature mango fruit drop due to prevailing high temperatures, apply irrigation of 100 litre of water/tree at weekly or 150 to 200 litre of water/tree at 15 days intervals, also use straw mulch to reduce loss of water through evaporation.
- **Animal husbandry:**

Increasing temperature may cause discomfort to the cattle. Feed more forage at night, feed/graze during cooler hours, feed fresh green fodder. Protein and mineral supplements feed under shade between morning and afternoon milking.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-284

Date- 31/03/2022

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 **36.7°C (+0.9°C from normal)** and **25.7°C (+3.2°C from normal)**, respectively. Mean relative humidity of the district was around 69-84%.

Forecasted period: Today(8.30IST) to 05th April(8.30IST)2022

Weather advisory: *Dry weather is forecasted for upcoming 5 days in the block.* The day temperature will be 37-39°C and night temperature will be 25-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 85-96% and 17-34% 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	31/03/2022	01/04/2022	02/04/2022	03/04/2022	04/04/2022
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	39	38	38	37	37
T-Min(°C)	25	25	26	26	25
Cloud Cover(octa)	3	3	3	2	1
RH Max (%)	96	85	85	85	85
RH Min (%)	17	18	23	33	34
Wind Speed (Kmph)	13	16	18	23	21
Wind Direction (deg)	167	193	167	167	167

Agromet Advisory

General advisory: Looking to the increasing rate of temperature and dry weather farmers are advised to apply light and frequent irrigation to the standing crops during the evening or early morning and carry out mulching with crop residue, straw or polythene. Undertake mulching in between rows of vegetable crops to conserve soil moisture and maintain soil temperature. To manage water stress mainly in vegetables Foliar spray of 2% DAP + 1% KCl (MOP) during critical stages of flowering and Spray of 40 ppm NAA to check flower and fruit drop (4 ml of Planofix in 4.5 litres of water).

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 **thrips and flea beetle** 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. 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. Spray profenofos 50EC @ 2ml / lit water later stage.

Suagracne:

Spring planted (December) sugarcane plant are at tillering stage. Irrigate the crop as and when required depending on the soil moistures status. The sugarcane crop should not suffer any moisture stress during its tillering stage (75- 90 DAP). As per soil/climatic condition and stage of crop irrigation apply- summer at 15- 17 day interval or adopt drip method of irrigation and mulching of trash in between two rows of crop to save irrigation water. Keep crop weed free upto 4 months of planting by interculturing, hand weeding or apply post emergence weedicide like 2,4-D (1.2 kg ai/ha)+Paraquat (0.600 kg ai/ha) after 30-60 DAP.

Brinjal:

FRUIT AND SHOOT BORER IN BRINJAL-Spray Neem based pesticide 1500ppm@600ml/acre at initial stages. Later on go for alternate spray of Spinosad 45%SC@70ml/acre and Thiodicarb@250g/acre at 15 days interval.

Tomato: Harvesting should be carried out as per the tenderness of fruit during clear weather condition. For management of **leaf spot disease** spraying of Propiconazole 25 EC @ 10 ml/10 lit or Mencozeb 75 WP 28 gm/10 lit. of water during clear weather condition.

- **Potato:** This is the ideal time for potato harvesting, complete harvesting immediately.
- **Onion:** The bulbs are ready for harvesting when around 60-70 % of the leafy green tops begin to yellow and eventually collapse at a point on the top of the bulb, leaving an upright short neck. Early harvest results in sprouting of the bulbs. After harvesting cut the tops leaving 2.0-2.5 cm above bulb. The harvested bulb should be dried in well ventilated concrete floored room. Well dried bulbs can be stored for longer period.
- **Okra:** Keeping increasing temperature in view, start field's preparation for sowing of early crop of lady finger- A-4, Parbani Kranti and Arkaanamika 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. **Apply irrigation to watermelon and gourds.**
- **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. **To minimize pre-mature mango fruit drop due to prevailing high temperatures, apply irrigation of 100 litre of water/tree at weekly or 150 to 200 litre of water/tree at 15 days intervals, also use straw mulch to reduce loss of water through evaporation.**

• **Animal husbandry:**

Increasing temperature may cause discomfort to the cattle. Feed more forage at night, feed/graze during cooler hours, feed fresh green fodder. Protein and mineral supplements feed under shade between morning and afternoon milking.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-284
Date- 31/03/2022

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 **36.7°C (+0.9°C from normal)** and 25.7°C (+3.2°C from normal), respectively. Mean relative humidity of the district was around 69-84%.

Forecasted period: Today(8.30IST) to 05th April(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 25-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 85-96% and 23-38% 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	31/03/2022	01/04/2022	02/04/2022	03/04/2022	04/04/2022
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	36	36	35	35	35
T-Min(°C)	25	26	27	27	26
Cloud Cover(octa)	3	3	3	2	1
RH Max (%)	96	89	86	85	86
RH Min (%)	24	23	30	36	38
Wind Speed (Kmph)	17	20	23	25	24
Wind Direction (deg)	193	203	180	193	193

Agromet Advisory

General advisory: Looking to the increasing rate of temperature and dry weather farmers are advised to apply light and frequent irrigation to the standing crops during the evening or early morning and carry out mulching with crop residue, straw or polythene. Undertake mulching in between rows of vegetable crops to conserve soil moisture and maintain soil temperature. To manage water stress mainly in vegetables Foliar spray of 2% DAP + 1% KCl (MOP) during critical stages of flowering and Spray of 40 ppm NAA to check flower and fruit drop (4 ml of Planofix in 4.5 litres of water).

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 thrips and flea beetle 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. 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. Spray profenofos 50EC @ 2ml / lit water later stage.

Suagracne:

Spring planted (December) sugarcane plant are at tillering stage. Irrigate the crop as and when required depending on the soil moistures status. The sugarcane crop should not suffer any moisture stress during its tillering stage (75- 90 DAP). As per soil/climatic condition and stage of crop irrigation apply- summer at 15- 17 day interval or adopt drip method of irrigation and mulching of trash in between two rows of crop to save irrigation water. Keep crop weed free upto 4 months of planting by interculturing, hand weeding or apply post emergence weedicide like 2,4-D (1.2 kg ai/ha)+Paraquat (0.600 kg ai/ha) after 30-60 DAP.

Brinjal:

FRUIT AND SHOOT BORER IN BRINJAL-Spray Neem based pesticide 1500ppm@600ml/acre at initial stages. Later on go for alternate spray of Spinosad 45%SC@70ml/acre and Thiodicarb@250g/acre at 15 days interval.

Tomato: Harvesting should be carried out as per the tenderness of fruit during clear weather condition. For management of leaf spot disease spraying of Propiconazole 25 EC @ 10 ml/10 lit or Mencozeb 75 WP 28 gm/10 lit. of water during clear weather condition.

- **Potato:** This is the ideal time for potato harvesting, complete harvesting immediately.
- **Onion:** The bulbs are ready for harvesting when around 60-70 % of the leafy green tops begin to yellow and eventually collapse at a point on the top of the bulb, leaving an upright short neck. Early harvest results in sprouting of the bulbs. After harvesting cut the tops leaving 2.0-2.5 cm above bulb. The harvested bulb should be dried in well ventilated concrete floored room. Well dried bulbs can be stored for longer period.
- **Okra:** Keeping increasing temperature in view, start field's preparation for sowing of early crop of lady finger- A-4, Parbani Kranti and Arkaanamika 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. **Apply irrigation to watermelon and gourds.**
- **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. To minimize pre-mature mango fruit drop due to prevailing high temperatures, apply irrigation of 100 litre of water/tree at weekly or 150 to 200 litre of water/tree at 15 days intervals, also use straw mulch to reduce loss of water through evaporation.
- **Animal husbandry:**
Increasing temperature may cause discomfort to the cattle. Feed more forage at night, feed/graze during cooler hours, feed fresh green fodder. Protein and mineral supplements feed under shade between morning and afternoon milking

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(Nodal officer)



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Bulletin No.-284

Date- 31/03/2022

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 36.7°C (+0.9°C from normal) and 25.7°C (+3.2°C from normal), respectively. Mean relative humidity of the district was around 69-84%.

Forecasted period: Today(8.30IST) to 05th April(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 25-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 86-96% and 26-39% 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	31/03/2022	01/04/2022	02/04/2022	03/04/2022	04/04/2022
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	36	36	35	35	34
T-Min(°C)	25	26	27	27	26
Cloud Cover(octa)	3	3	3	2	1
RH Max (%)	96	89	86	86	86
RH Min (%)	26	24	31	37	39
Wind Speed (Kmph)	17	21	23	25	23
Wind Direction (deg)	193	203	180	193	193

Agromet Advisory

General advisory: Looking to the increasing rate of temperature and dry weather farmers are advised to apply light and frequent irrigation to the standing crops during the evening or early morning and carry out mulching with crop residue, straw or polythene. Undertake mulching in between rows of vegetable crops to conserve soil moisture and maintain soil temperature. To manage water stress mainly in vegetables Foliar spray of 2% DAP + 1% KCl (MOP) during critical stages of flowering and Spray of 40 ppm NAA to check flower and fruit drop (4 ml of Planofix in 4.5 litres of water).

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 thrips and flea beetle 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. 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. Spray profenofos 50EC @ 2ml / lit water later stage.

Suagracne:

Spring planted (December) sugarcane plant are at tillering stage. Irrigate the crop as and when required depending on the soil moistures status. The sugarcane crop should not suffer any moisture stress during its tillering stage (75- 90 DAP). As per soil/climatic condition and stage of crop irrigation apply- summer at 15- 17 day interval or adopt drip method of irrigation and mulching of trash in between two rows of crop to save irrigation water. Keep crop weed free upto 4 months of planting by interculturing, hand weeding or apply post emergence weedicide like 2,4-D (1.2 kg ai/ha)+Paraquat (0.600 kg ai/ha) after 30-60 DAP.

Brinjal:

FRUIT AND SHOOT BORER IN BRINJAL-Spray Neem based pesticide 1500ppm@600ml/acre at initial stages. Later on go for alternate spray of Spinosad 45%SC@70ml/acre and Thiodicarb@250g/acre at 15 days interval.

Tomato: Harvesting should be carried out as per the tenderness of fruit during clear weather condition. For management of leaf spot disease spraying of Propiconazole 25 EC @ 10 ml/10 lit or Mencozeb 75 WP 28 gm/10 lit. of water during clear weather condition.

- **Potato:** This is the ideal time for potato harvesting, complete harvesting immediately.
- **Onion:** The bulbs are ready for harvesting when around 60-70 % of the leafy green tops begin to yellow and eventually collapse at a point on the top of the bulb, leaving an upright short neck. Early harvest results in sprouting of the bulbs. After harvesting cut the tops leaving 2.0-2.5 cm above bulb. The harvested bulb should be dried in well ventilated concrete floored room. Well dried bulbs can be stored for longer period.
- **Okra:** Keeping increasing temperature in view, start field's preparation for sowing of early crop of lady finger- A-4, Parbani Kranti and Arkaanamika 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 Diethane M45 @ 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. Apply irrigation to watermelon and gourds.
- **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. To minimize pre-mature mango fruit drop due to prevailing high temperatures, apply irrigation of 100 litre of water/tree at weekly or 150 to 200 litre of water/tree at 15 days intervals, also use straw mulch to reduce loss of water through evaporation.

Animal husbandry:

Increasing temperature may cause discomfort to the cattle. Feed more forage at night, feed/graze during cooler hours, feed fresh green fodder. Protein and mineral supplements feed under shade between morning and afternoon milking.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-284
Date- 31/03/2022

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 **36.7°C (+0.9°C from normal)** and 25.7°C (+3.2°C from normal), respectively. Mean relative humidity of the district was around 69-84%.

Forecasted period: Today(8.30IST) to 05th April(8.30IST)2022

Weather advisory: Dry weather is forecasted for upcoming 5 days in the block. The day temperature will be 32-34°C and night temperature will be 26-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 87-96% and 29-43% 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	31/03/2022	01/04/2022	02/04/2022	03/04/2022	04/04/2022
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	34	34	33	33	32
T-Min(°C)	26	27	27	27	26
Cloud Cover	3	3	2	3	1
RH Max (%)	96	87	88	88	89
RH Min (%)	36	29	39	38	43
Wind Speed (Kmph)	21	26	24	23	22
Wind Direction (deg)	198	203	203	198	201

Agromet Advisory

General advisory: Looking to the increasing rate of temperature and dry weather farmers are advised to apply light and frequent irrigation to the standing crops during the evening or early morning and carry out mulching with crop residue, straw or polythene. Undertake mulching in between rows of vegetable crops to conserve soil moisture and maintain soil temperature. To manage water stress mainly in vegetables Foliar spray of 2% DAP + 1% KCl (MOP) during critical stages of flowering and Spray of 40 ppm NAA to check flower and fruit drop (4 ml of Planofix in 4.5 litres of water).

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 thrips and flea beetle 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. 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. Spray profenofos 50EC @ 2ml / lit water later stage.

Suagracane:

Spring planted (December) sugarcane plant are at tillering stage. Irrigate the crop as and when required depending on the soil moisture status. The sugarcane crop should not suffer any moisture stress during its tillering stage (75- 90 DAP). As per soil/climatic condition and stage of crop irrigation apply- summer at 15- 17 day interval or adopt drip method of irrigation and mulching of trash in between two rows of crop to save irrigation water. Keep crop weed free upto 4 months of planting by interculturing, hand weeding or apply post emergence weedicide like 2,4-D (1.2 kg ai/ha)+Paraquat (0.600 kg ai/ha) after 30-60 DAP.

Brinjal:

FRUIT AND SHOOT BORER IN BRINJAL: Spray Neem based pesticide 1500ppm@600ml/acre at initial stages. Later on go for alternate spray of Spinosad 45%SC@70ml/acre and Thiodicarb@250g/acre at 15 days interval.

Tomato: Harvesting should be carried out as per the tenderness of fruit during clear weather condition. For management of leaf spot disease spraying of Propiconazole 25 EC @ 10 ml/10 lit or Mencozeb 75 WP 28 gm/10 lit. of water during clear weather condition.

- Potato:** This is the ideal time for potato harvesting, complete harvesting immediately.
- Onion:** The bulbs are ready for harvesting when around 60-70 % of the leafy green tops begin to yellow and eventually collapse at a point on the top of the bulb, leaving an upright short neck. Early harvest results in sprouting of the bulbs. After harvesting cut the tops leaving 2.0-2.5 cm above bulb. The harvested bulb should be dried in well ventilated concrete floored room. Well dried bulbs can be stored for longer period.
- Okra:** Keeping increasing temperature in view, start field's preparation for sowing of early crop of lady finger- A-4, Parbani Kranti and Arkaanamika 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 Diethane M45 @ 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. **Apply irrigation to watermelon and gourds.**
- 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. To minimize pre-mature mango fruit drop due to prevailing high temperatures, apply irrigation of 100 litre of water/tree at weekly or 150 to 200 litre of water/tree at 15 days intervals, also use straw mulch to reduce loss of water through evaporation.

Animal husbandry:

Increasing temperature may cause discomfort to the cattle. Feed more forage at night, feed/graze during cooler hours, feed fresh green fodder. Protein and mineral supplements feed under shade between morning and afternoon milking.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-284

Date- 31/03/2022

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 36.7°C (+0.9°C from normal) and 25.7°C (+3.2°C from normal), respectively. Mean relative humidity of the district was around 69-84%.

Forecasted period: Today(8.30IST) to 05th April (8.30IST)2022

Weather advisory: Dry weather is forecasted for upcoming 5 days in the block. The day temperature will be 32-37°C and night temperature will be 26-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 88-97% and 25-38% 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	31/03/2022	01/04/2022	02/04/2022	03/04/2022	04/04/2022
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	34	35	33	32	32
T-Min(°C)	26	27	27	27	26
Cloud Cover(octa)	3	3	2	3	1
RH Max (%)	97	88	89	89	90
RH Min (%)	28	25	35	35	38
Wind Speed (Kmph)	19	24	23	23	22
Wind Direction (deg)	198	203	201	198	201

Agromet Advisory

General advisory: Looking to the increasing rate of temperature and dry weather farmers are advised to apply light and frequent irrigation to the standing crops during the evening or early morning and carry out mulching with crop residue, straw or polythene. Undertake mulching in between rows of vegetable crops to conserve soil moisture and maintain soil temperature. To manage water stress mainly in vegetables Foliar spray of 2% DAP + 1% KCl (MOP) during critical stages of flowering and Spray of 40 ppm NAA to check flower and fruit drop (4 ml of Planofix in 4.5 litres of water).

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 thrips and flea beetle 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. 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. Spray profenofos 50EC @ 2ml / lit water later stage.

Sugarcane:

Spring planted (December) sugarcane plant are at tillering stage. Irrigate the crop as and when required depending on the soil moisture status. The sugarcane crop should not suffer any moisture stress during its tillering stage (75- 90 DAP). As per soil/climatic condition and stage of crop irrigation apply- summer at 15- 17 day interval or adopt drip method of irrigation and mulching of trash in between two rows of crop to save irrigation water. Keep crop weed free upto 4 months of planting by interculturing, hand weeding or apply post emergence weedicide like 2,4-D (1.2 kg ai/ha)+Paraquat (0.600 kg ai/ha) after 30-60 DAP.

Brinjal:

FRUIT AND SHOOT BORER IN BRINJAL-Spray Neem based pesticide 1500ppm@600ml/acre at initial stages. Later on go for alternate spray of Spinosad 45%SC@70ml/acre and Thiodicarb@250g/acre at 15 days interval.

Tomato: Harvesting should be carried out as per the tenderness of fruit during clear weather condition. For management of leaf spot disease spraying of Propiconazole 25 EC @ 10 ml/10 lit or Mencozeb 75 WP 28 gm/10 lit. of water during clear weather condition.

- Potato:** This is the ideal time for potato harvesting, complete harvesting immediately.
- Onion:** The bulbs are ready for harvesting when around 60-70 % of the leafy green tops begin to yellow and eventually collapse at a point on the top of the bulb, leaving an upright short neck. Early harvest results in sprouting of the bulbs. After harvesting cut the tops leaving 2.0-2.5 cm above bulb. The harvested bulb should be dried in well ventilated concrete floored room. Well dried bulbs can be stored for longer period.
- Okra:** Keeping increasing temperature in view, start field's preparation for sowing of early crop of lady finger- A-4, Parbani Kranti and Arka namika 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 Diethane M45 @ 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. **Apply irrigation to watermelon and gourds.**
- 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. To minimize pre-mature mango fruit drop due to prevailing high temperatures, apply irrigation of 100 litre of water/tree at weekly or 150 to 200 litre of water/tree at 15 days intervals, also use straw mulch to reduce loss of water through evaporation.

Animal husbandry:

Increasing temperature may cause discomfort to the cattle. Feed more forage at night, feed/graze during cooler hours, feed fresh green fodder. Protein and mineral supplements feed under shade between morning and afternoon milking.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-284
Date- 31/03/2022

AGROMET ADVISORY BULLETIN FOR KANTAPADA

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

The block received average 0mm and district received average 0 mm rainfall during the last week. The mean daily maximum and minimum temperature was **36.7°C (+0.9°C from normal)** and **25.7°C (+3.2°C from normal)**, respectively. Mean relative humidity of the district was around 69-84%.

Forecasted period: Today(8.30IST) to 05th April (8.30IST)2022

Weather advisory: *Dry weather is forecasted for upcoming 5 days in the block.* The day temperature will be **30-33°C** and night temperature will be **26-27°C** for upcoming 5 days. Maximum and minimum relative humidity will be 85-95% and 40-48% 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	31/03/2022	01/04/2022	02/04/2022	03/04/2022	04/04/2022
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	32	33	31	31	30
T-Min(°C)	26	27	26	26	26
Cloud Cover(octa)	3	3	2	3	1
RH Max (%)	95	85	87	86	87
RH Min (%)	48	40	47	42	48
Wind Speed (Kmph)	22	27	24	23	22
Wind Direction (deg)	203	203	203	201	203

Agromet Advisory

General advisory: Looking to the increasing rate of temperature and dry weather farmers are advised to apply light and frequent irrigation to the standing crops during the evening or early morning and carry out mulching with crop residue, straw or polythene. Undertake mulching in between rows of vegetable crops to conserve soil moisture and maintain soil temperature. To manage water stress mainly in vegetables Foliar spray of 2% DAP + 1% KCl (MOP) during critical stages of flowering and Spray of 40 ppm NAA to check flower and fruit drop (4 ml of Planofix in 4.5 litres of water).

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 **thrips and flea beetle** 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. 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. Spray profenofos 50EC @2ml / lit water later stage.

Suagracne:

Spring planted (December) sugarcane plant are at tillering stage. Irrigate the crop as and when required depending on the soil moistures status. The sugarcane crop should not suffer any moisture stress during its tillering stage (75- 90 DAP). As per soil/climatic condition and stage of crop irrigation apply- summer at 15- 17 day interval or adopt drip method of irrigation and mulching of trash in between two rows of crop to save irrigation water. Keep crop weed free upto 4 months of planting by interculturing, hand weeding or apply post emergence weedicide like 2,4-D (1.2 kg ai/ha)+Paraquat (0.600 kg ai/ha) after 30-60 DAP.

Brinjal:

FRUIT AND SHOOT BORER IN BRINJAL-Spray Neem based pesticide 1500ppm@600ml/acre at initial stages. Later on go for alternate spray of Fipronil 45%SC@70ml/acre and Thiodicarb@250g/acre at 15 days interval.

Tomato: Harvesting should be carried out as per the tenderness of fruit during clear weather condition. For management of **leaf spot disease** spraying of Propiconazole 25 EC @ 10 ml/10 lit or Mencozeb 75 WP 28 gm/10 lit. of water during clear weather condition.

- **Potato:** This is the ideal time for potato harvesting, complete harvesting immediately.
- **Onion:** The bulbs are ready for harvesting when around 60-70 % of the leafy green tops begin to yellow and eventually collapse at a point on the top of the bulb, leaving an upright short neck. Early harvest results in sprouting of the bulbs. After harvesting cut the tops leaving 2.0-2.5 cm above bulb. The harvested bulb should be dried in well ventilated concrete floored room. Well dried bulbs can be stored for longer period.
- **Okra:** Keeping increasing temperature in view, start field's preparation for sowing of early crop of lady finger- A-4, Parbani Kranti and Arkaanamika 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. **Apply irrigation to watermelon and gourds.**
- **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. To minimize pre-mature mango fruit drop due to prevailing high temperatures, apply irrigation of 100 litre of water/tree at weekly or 150 to 200 litre of water/tree at 15 days intervals, also use straw mulch to reduce loss of water through evaporation.

• **Animal husbandry:**

Increasing temperature may cause discomfort to the cattle. Feed more forage at night, feed/graze during cooler hours, feed fresh green fodder. Protein and mineral supplements feed under shade between morning and afternoon milking.

Dr Sujata Sethy
(Nodal officer)



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AGROMET ADVISORY BULLETIN FOR MAHANGA



Bulletin No.-284

Date- 31/03/2022

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 36.7°C (+0.9°C from normal) and 25.7°C (+3.2°C from normal), respectively. Mean relative humidity of the district was around 69-84%.

Forecasted period: Today(8.30IST) to 05th April (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 31-34°C and night temperature will be 25-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 86-96% and 28-41% respectively. There will be clear to partly cloudy sky for next 5 days.

Block	Mahanga (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	31/03/2022	01/04/2022	02/04/2022	03/04/2022	04/04/2022
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	34	34	32	32	31
T-Min(°C)	26	27	26	26	25
Cloud Cover(octal)	3	3	2	3	1
RH Max (%)	96	86	89	88	90
RH Min (%)	37	28	41	35	40
Wind Speed (Kmph)	20	25	22	21	21
Wind Direction (deg)	198	203	203	201	201

Agromet Advisory

General advisory: Looking to the increasing rate of temperature and dry weather farmers are advised to apply light and frequent irrigation to the standing crops during the evening or early morning and carry out mulching with crop residue, straw or polythene. Undertake mulching in between rows of vegetable crops to conserve soil moisture and maintain soil temperature. To manage water stress mainly in vegetables Foliar spray of 2% DAP + 1% KCl (MOP) during critical stages of flowering and Spray of 40 ppm NAA to check flower and fruit drop (4 ml of Planofix in 4.5 litres of water).

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 thrips and flea beetle 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. 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. Spray profenofos 50EC @ 2ml / lit water later stage.

Suagracne:

Spring planted (December) sugarcane plant are at tillering stage. Irrigate the crop as and when required depending on the soil moistures status. The sugarcane crop should not suffer any moisture stress during its tillering stage (75- 90 DAP). As per soil/climatic condition and stage of crop irrigation apply- summer at 15- 17 day interval or adopt drip method of irrigation and mulching of trash in between two rows of crop to save irrigation water. Keep crop weed free upto 4 months of planting by interculturing, hand weeding or apply post emergence weedicide like 2,4-D (1.2 kg ai/ha)+Paraquat (0.600 kg ai/ha) after 30-60 DAP.

Brinjal:

FRUIT AND SHOOT BORER IN BRINJAL-Spray Neem based pesticide 1500ppm@600ml/acre at initial stages. Later on go for alternate spray of Fruitand 45%SC@70ml/acre and Thiodicarb@250g/acre at 15 days interval.

Tomato: Harvesting should be carried out as per the tenderness of fruit during clear weather condition. For management of leaf spot disease spraying of Propiconazole 25 EC @ 10 ml/10 lit or Mencozeb 75 WP 28 gm/10 lit. of water during clear weather condition.

- **Potato:** This is the ideal time for potato harvesting, complete harvesting immediately.
- **Onion:** The bulbs are ready for harvesting when around 60-70 % of the leafy green tops begin to yellow and eventually collapse at a point on the top of the bulb, leaving an upright short neck. Early harvest results in sprouting of the bulbs. After harvesting cut the tops leaving 2.0-2.5 cm above bulb. The harvested bulb should be dried in well ventilated concrete floored room. Well dried bulbs can be stored for longer period.
- **Okra:** Keeping increasing temperature in view, start field's preparation for sowing of early crop of lady finger- A-4, Parbani Kranti and Arkaanamika 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. Apply irrigation to watermelon and gourds.
- **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. To minimize pre-mature mango fruit drop due to prevailing high temperatures, apply irrigation of 100 litre of water/tree at weekly or 150 to 200 litre of water/tree at 15 days intervals, also use straw mulch to reduce loss of water through evaporation.

Animal husbandry:

Increasing temperature may cause discomfort to the cattle. Feed more forage at night, feed/graze during cooler hours, feed fresh green fodder. Protein and mineral supplements feed under shade between morning and afternoon milking.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-284
Date- 31/03/2022

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 36.7°C (+0.9°C from normal) and 25.7°C (+3.2°C from normal), respectively. Mean relative humidity of the district was around 69-84%.

Forecasted period: Today(8.30IST) to 05th April (8.30IST)2022

Weather advisory: Dry weather is forecasted for upcoming 5 days in the block. The day temperature will be 37-39°C and night temperature will be 24°C for upcoming 5 days. Maximum and minimum relative humidity will be 84-96% and 10-28% 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	31/03/2022	01/04/2022	02/04/2022	03/04/2022	04/04/2022
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	39	39	38	37	37
T-Min(°C)	24	24	24	24	24
Cloud Cover(/octa)	3	3	3	2	1
RH Max (%)	96	78	84	89	86
RH Min (%)	10	12	13	26	28
Wind Speed (Kmph)	8	11	10	16	14
Wind Direction (deg)	161	198	162	162	167

Agromet Advisory

General advisory: Looking to the increasing rate of temperature and dry weather farmers are advised to apply light and frequent irrigation to the standing crops during the evening or early morning and carry out mulching with crop residue, straw or polythene. Undertake mulching in between rows of vegetable crops to conserve soil moisture and maintain soil temperature. To manage water stress mainly in vegetables Foliar spray of 2% DAP + 1% KCl (MOP) during critical stages of flowering and Spray of 40 ppm NAA to check flower and fruit drop (4 ml of Planofix in 4.5 litres of water).

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 thrips and flea beetle 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. 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. Spray profenofos 50EC @ 2ml / lit water later stage.

Suagracne:

Spring planted (December) sugarcane plant are at tillering stage. Irrigate the crop as and when required depending on the soil moistures status. The sugarcane crop should not suffer any moisture stress during its tillering stage (75- 90 DAP). As per soil/climatic condition and stage of crop irrigation apply- summer at 15- 17 day interval or adopt drip method of irrigation and mulching of trash in between two rows of crop to save irrigation water. Keep crop weed free upto 4 months of planting by interculturing, hand weeding or apply post emergence weedicide like 2,4-D (1.2 kg ai/ha)+Paraquat (0.600 kg ai/ha) after 30-60 DAP.

Brinjal:

FRUIT AND SHOOT BORER IN BRINJAL-Spray Neem based pesticide 1500ppm@600ml/acre at initial stages. Later on go for alternate spray of Spinosad 45%SC@70ml/acre and Thiodicarb@250g/acre at 15 days interval.

Tomato: Harvesting should be carried out as per the tenderness of fruit during clear weather condition. For management of leaf spot disease spraying of Propiconazole 25 EC @ 10 ml/10 lit or Mencozeb 75 WP 28 gm/10 lit. of water during clear weather condition.

- **Potato:** This is the ideal time for potato harvesting, complete harvesting immediately.
- **Onion:** The bulbs are ready for harvesting when around 60-70 % of the leafy green tops begin to yellow and eventually collapse at a point on the top of the bulb, leaving an upright short neck. Early harvest results in sprouting of the bulbs. After harvesting cut the tops leaving 2.0-2.5 cm above bulb. The harvested bulb should be dried in well ventilated concrete floored room. Well dried bulbs can be stored for longer period.
- **Okra:** Keeping increasing temperature in view, start field's preparation for sowing of early crop of lady finger- A-4, Parbani Kranti and Arkaanamika 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 Diafenthuron 12.5 gram per 15 lit of water. Apply irrigation to watermelon and gourds.
- **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. To minimize pre-mature mango fruit drop due to prevailing high temperatures, apply irrigation of 100 litre of water/tree at weekly or 150 to 200 litre of water/tree at 15 days intervals, also use straw mulch to reduce loss of water through evaporation.

• **Animal husbandry:**

Increasing temperature may cause discomfort to the cattle. Feed more forage at night, feed/graze during cooler hours, feed fresh green fodder. Protein and mineral supplements feed under shade between morning and afternoon milking.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-284
Date- 31/03/2022

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 **36.7°C (+0.9°C from normal)** and **25.7°C (+3.2°C from normal)**, respectively. Mean relative humidity of the district was around 69-84%.

Forecasted period: Today(8.30IST) to 05th April (8.30IST)2022

Weather advisory: Dry weather is forecasted for upcoming 5 days in the block. The day temperature will be 31-32°C and night temperature will be 25-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 84-93% and 46-54% 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	31/03/2022	01/04/2022	02/04/2022	03/04/2022	04/04/2022
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	32	33	32	32	31
T-Min(°C)	26	27	26	26	25
Cloud Cover(octa)	3	3	2	3	1
RH Max (%)	93	84	86	85	86
RH Min (%)	54	48	51	46	52
Wind Speed(Kmph)	23	27	25	23	22
Wind Direction(deg)	203	203	203	201	203

Agromet Advisory

General advisory: Looking to the increasing rate of temperature and dry weather farmers are advised to apply light and frequent irrigation to the standing crops during the evening or early morning and carry out mulching with crop residue, straw or polythene. Undertake mulching in between rows of vegetable crops to conserve soil moisture and maintain soil temperature. To manage water stress mainly in vegetables Foliar spray of 2% DAP + 1% KCl (MOP) during critical stages of flowering and Spray of 40 ppm NAA to check flower and fruit drop (4 ml of Planofix in 4.5 litres of water).

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 thrips and flea beetle 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. 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. Spray profenofos 50EC @2ml / lit water later stage.

Suagracne:

Spring planted (December) sugarcane plant are at tillering stage. Irrigate the crop as and when required depending on the soil moistures status. The sugarcane crop should not suffer any moisture stress during its tillering stage (75- 90 DAP). As per soil/climatic condition and stage of crop irrigation apply- summer at 15- 17 day interval or adopt drip method of irrigation and mulching of trash in between two rows of crop to save irrigation water. Keep crop weed free upto 4 months of planting by interculturing, hand weeding or apply post emergence weedicide like 2,4-D (1.2 kg ai/ha)+Paraquat (0.600 kg ai/ha) after 30-60 DAP.

Brinjal:

FRUIT AND SHOOT BORER IN BRINJAL: Spray Neem based pesticide 1500ppm@600ml/acre at initial stages. Later on go for alternate spray of Spinosad 45%SC@70ml/acre and Thiodicarb@250g/acre at 15 days interval.

Tomato: Harvesting should be carried out as per the tenderness of fruit during clear weather condition. For management of leaf spot disease spraying of Propiconazole 25 EC @ 10 ml/10 lit or Mencozeb 75 WP 28 gm/10 lit. of water during clear weather condition.

- **Potato:** This is the ideal time for potato harvesting, complete harvesting immediately.
- **Onion:** The bulbs are ready for harvesting when around 60-70 % of the leafy green tops begin to yellow and eventually collapse at a point on the top of the bulb, leaving an upright short neck. Early harvest results in sprouting of the bulbs. After harvesting cut the tops leaving 2.0-2.5 cm above bulb. The harvested bulb should be dried in well ventilated concrete floored room. Well dried bulbs can be stored for longer period.
- **Okra:** Keeping increasing temperature in view, start field's preparation for sowing of early crop of lady finger- A-4, Parbani Kranti and Arka namika 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. **Apply irrigation to watermelon and gourds.**
- **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. To minimize pre-mature mango fruit drop due to prevailing high temperatures, apply irrigation of 100 litre of water/tree at weekly or 150 to 200 litre of water/tree at 15 days intervals, also use straw mulch to reduce loss of water through evaporation.
- **Animal husbandry:**

Increasing temperature may cause discomfort to the cattle. Feed more forage at night, feed/graze during cooler hours, feed fresh green fodder. Protein and mineral supplements feed under shade between morning and afternoon milking.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-284

Date- 31/03/2022

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 **36.7°C (+0.9°C from normal)** and 25.7°C (+3.2°C from normal), respectively. Mean relative humidity of the district was around 69-84%.

Forecasted period: Today(8.30IST) to 05th April (8.30IST)2022

Weather advisory: Dry weather is forecasted for upcoming 5 days in the block. The day temperature will be 31-34°C and night temperature will be 25-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 85-96% and 37-43% 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	31/03/2022	01/04/2022	02/04/2022	03/04/2022	04/04/2022
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	33	34	32	31	31
T-Min(°C)	26	27	26	26	25
Cloud Cover(octa)	3	3	2	3	1
RH Max (%)	96	85	89	87	90
RH Min (%)	41	31	43	37	43
Wind Speed (Kmph)	21	26	23	21	21
Wind Direction (deg)	198	203	203	201	201

Agromet Advisory

General advisory: Looking to the increasing rate of temperature and dry weather farmers are advised to apply light and frequent irrigation to the standing crops during the evening or early morning and carry out mulching with crop residue, straw or polythene. Undertake mulching in between rows of vegetable crops to conserve soil moisture and maintain soil temperature. To manage water stress mainly in vegetables Foliar spray of 2% DAP + 1% KCl (MOP) during critical stages of flowering and Spray of 40 ppm NAA to check flower and fruit drop (4 ml of Planofix in 4.5 litres of water).

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 thrips and flea beetle 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. 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. Spray profenofos 50EC @ 2ml / lit water later stage.

Suagracne:

Spring planted (December) sugarcane plant are at tillering stage. Irrigate the crop as and when required depending on the soil moistures status. The sugarcane crop should not suffer any moisture stress during its tillering stage (75- 90 DAP). As per soil/climatic condition and stage of crop irrigation apply- summer at 15- 17 day interval or adopt drip method of irrigation and mulching of trash in between two rows of crop to save irrigation water. Keep crop weed free upto 4 months of planting by interculturing, hand weeding or apply post emergence weedicide like 2,4-D (1.2 kg ai/ha)+Paraquat (0.600 kg ai/ha) after 30-60 DAP.

Brinjal:

FRUIT AND SHOOT BORER IN BRINJAL-Spray Neem based pesticide 1500ppm@600ml/acre at initial stages. Later on go for alternate spray of Spinosad 45%SC@70ml/acre and Thiodicarb@250g/acre at 15 days interval.

Tomato: Harvesting should be carried out as per the tenderness of fruit during clear weather condition. For management of leaf spot disease spraying of Propiconazole 25 EC @ 10 ml/10 lit or Mencozeb 75 WP 28 gm/10 lit. of water during clear weather condition.

- **Potato:** This is the ideal time for potato harvesting, complete harvesting immediately.
- **Onion:** The bulbs are ready for harvesting when around 60-70 % of the leafy green tops begin to yellow and eventually collapse at a point on the top of the bulb, leaving an upright short neck. Early harvest results in sprouting of the bulbs. After harvesting cut the tops leaving 2.0-2.5 cm above bulb. The harvested bulb should be dried in well ventilated concrete floored room. Well dried bulbs can be stored for longer period.
- **Okra:** Keeping increasing temperature in view, start field's preparation for sowing of early crop of lady finger- A-4, Parbani Kranti and Arka namika 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 Diethane M45 @ 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. **Apply irrigation to watermelon and gourds.**
- **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. To minimize pre-mature mango fruit drop due to prevailing high temperatures, apply irrigation of 100 litre of water/tree at weekly or 150 to 200 litre of water/tree at 15 days intervals, also use straw mulch to reduce loss of water through evaporation.

• **Animal husbandry:**

Increasing temperature may cause discomfort to the cattle. Feed more forage at night, feed/graze during cooler hours, feed fresh green fodder. Protein and mineral supplements feed under shade between morning and afternoon milking.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-284
Date- 31/03/2022

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 **36.7°C (+0.9°C from normal)** and **25.7°C (+3.2°C from normal)**, respectively. Mean relative humidity of the district was around 69-84%.

Forecasted period: Today(8.30IST) to 05thApril (8.30IST)2022

Weather advisory: *Dry weather is forecasted for upcoming 5 days in the block.* The day temperature will be **31-34°C** and night temperature will be **25-27°C** for upcoming 5 days. Maximum and minimum relative humidity will be 86-96% and 29-42% 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	31/03/2022	01/04/2022	02/04/2022	03/04/2022	04/04/2022
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	33	34	32	31	31
T-Min(°C)	26	27	26	26	25
Cloud Cover(octa)	3	3	2	3	1
RH Max (%)	96	86	89	87	90
RH Min (%)	39	29	42	36	42
Wind Speed (Kmph)	21	26	23	22	21
Wind Direction (deg)	198	203	203	201	201

Agromet Advisory

General advisory: Looking to the increasing rate of temperature and dry weather farmers are advised to apply light and frequent irrigation to the standing crops during the evening or early morning and carry out mulching with crop residue, straw or polythene. Undertake mulching in between rows of vegetable crops to conserve soil moisture and maintain soil temperature. To manage water stress mainly in vegetables Foliar spray of 2% DAP + 1% KCl (MOP) during critical stages of flowering and Spray of 40 ppm NAA to check flower and fruit drop (4 ml of Planofix in 4.5 litres of water).

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 **thrips and flea beetle** 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. 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. Spray profenofos 50EC @ 2ml / lit water later stage.

Suagracne:

Spring planted (December) sugarcane plant are at tillering stage. Irrigate the crop as and when required depending on the soil moistures status. The sugarcane crop should not suffer any moisture stress during its tillering stage (75- 90 DAP). As per soil/climatic condition and stage of crop irrigation apply- summer at 15- 17 day interval or adopt drip method of irrigation and mulching of trash in between two rows of crop to save irrigation water. Keep crop weed free upto 4 months of planting by interculturing, hand weeding or apply post emergence weedicide like 2,4-D (1.2 kg ai/ha)+Paraquat (0.600 kg ai/ha) after 30-60 DAP.

Brinjal:

FRUIT AND SHOOT BORER IN BRINJAL-Spray Neem based pesticide 1500ppm@600ml/acre at initial stages. Later on go for alternate spray of Fipronil 45%SC@70ml/acre and Thiodicarb@250g/acre at 15 days interval.

Tomato: Harvesting should be carried out as per the tenderness of fruit during clear weather condition. For management of **leaf spot disease** spraying of Propiconazole 25 EC @ 10 ml/10 lit or Mencozeb 75 WP 28 gm/10 lit. of water during clear weather condition.

- **Potato:** This is the ideal time for potato harvesting, complete harvesting immediately.
- **Onion:** The bulbs are ready for harvesting when around 60-70 % of the leafy green tops begin to yellow and eventually collapse at a point on the top of the bulb, leaving an upright short neck. Early harvest results in sprouting of the bulbs. After harvesting cut the tops leaving 2.0-2.5 cm above bulb. The harvested bulb should be dried in well ventilated concrete floored room. Well dried bulbs can be stored for longer period.
- **Okra:** Keeping increasing temperature in view, start field's preparation for sowing of early crop of lady finger- A-4, Parbani Kranti and Arka namika 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 Diethane M45 @ 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. **Apply irrigation to watermelon and gourds.**
- **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. **To minimize pre-mature mango fruit drop due to prevailing high temperatures, apply irrigation of 100 litre of water/tree at weekly or 150 to 200 litre of water/tree at 15 days intervals, also use straw mulch to reduce loss of water through evaporation.**
- **Animal husbandry:**

Increasing temperature may cause discomfort to the cattle. Feed more forage at night, feed/graze during cooler hours, feed fresh green fodder. Protein and mineral supplements feed under shade between morning and afternoon milking.

Dr Sujata Sethy
(Nodal officer)



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AGROMET ADVISORY BULLETIN FOR TANGI-CHOUDWAR



Bulletin No.-284

Date- 31/03/2022

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 **36.7°C (+0.9°C from normal)** and **25.7°C (+3.2°C from normal)**, respectively. Mean relative humidity of the district was around 69-84%.

Forecasted period: Today(8.30IST) to 05th April (8.30IST)2022

Weather advisory: Dry weather is forecasted for upcoming 5 days in the block. The day temperature will be 33-34°C and night temperature will be 27°C for upcoming 5 days. Maximum and minimum relative humidity will be 82-90% and 55-64% 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	31/03/2022	01/04/2022	02/04/2022	03/04/2022	04/04/2022
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	34	34	34	33	33
T-Min(°C)	27	27	27	27	27
Cloud Cover(octa)	3	2	2	3	1
RH Max (%)	90	82	84	82	83
RH Min (%)	64	55	57	56	58
Wind Speed (Kmph)	24	28	26	25	24
Wind Direction (deg)	203	203	203	203	203

Agromet Advisory

General advisory: Looking to the increasing rate of temperature and dry weather farmers are advised to apply light and frequent irrigation to the standing crops during the evening or early morning and carry out mulching with crop residue, straw or polythene. Undertake mulching in between rows of vegetable crops to conserve soil moisture and maintain soil temperature. To manage water stress mainly in vegetables Foliar spray of 2% DAP + 1% KCl (MOP) during critical stages of flowering and Spray of 40 ppm NAA to check flower and fruit drop (4 ml of Planofix in 4.5 litres of water).

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 thrips and flea beetle 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. 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. Spray profenofos 50EC @ 2ml / lit water later stage.

Suagracne:

Spring planted (December) sugarcane plant are at tillering stage. Irrigate the crop as and when required depending on the soil moistures status. The sugarcane crop should not suffer any moisture stress during its tillering stage (75- 90 DAP). As per soil/climatic condition and stage of crop irrigation apply- summer at 15- 17 day interval or adopt drip method of irrigation and mulching of trash in between two rows of crop to save irrigation water. Keep crop weed free upto 4 months of planting by interculturing, hand weeding or apply post emergence weedicide like 2,4-D (1.2 kg ai/ha)+Paraquat (0.600 kg ai/ha) after 30-60 DAP.

Brinjal:

FRUIT AND SHOOT BORER IN BRINJAL-Spray Neem based pesticide 1500ppm@600ml/acre at initial stages. Later on go for alternate spray of Fipronil 45%SC@70ml/acre and Thiodicarb@250g/acre at 15 days interval.

Tomato: Harvesting should be carried out as per the tenderness of fruit during clear weather condition. For management of leaf spot disease spraying of Propiconazole 25 EC @ 10 ml/10 lit or Mencozeb 75 WP 28 gm/10 lit. of water during clear weather condition.

- **Potato:** This is the ideal time for potato harvesting, complete harvesting immediately.
- **Onion:** The bulbs are ready for harvesting when around 60-70 % of the leafy green tops begin to yellow and eventually collapse at a point on the top of the bulb, leaving an upright short neck. Early harvest results in sprouting of the bulbs. After harvesting cut the tops leaving 2.0-2.5 cm above bulb. The harvested bulb should be dried in well ventilated concrete floored room. Well dried bulbs can be stored for longer period.
- **Okra:** Keeping increasing temperature in view, start field's preparation for sowing of early crop of lady finger- A-4, Parbani Kranti and Arka namika 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 Diethane M45 @ 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. Apply irrigation to watermelon and gourds.
- **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. To minimize pre-mature mango fruit drop due to prevailing high temperatures, apply irrigation of 100 litre of water/tree at weekly or 150 to 200 litre of water/tree at 15 days intervals, also use straw mulch to reduce loss of water through evaporation.

• **Animal husbandry:**

Increasing temperature may cause discomfort to the cattle. Feed more forage at night, feed/graze during cooler hours, feed fresh green fodder. Protein and mineral supplements feed under shade between morning and afternoon milking.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-284

Date- 31/03/2022

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 **36.7°C (+0.9°C from normal)** and **25.7°C (+3.2°C from normal)**, respectively. Mean relative humidity of the district was around 69-84%.

Forecasted period: Today(8.30IST) to 05th April (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 **25-27°C** for upcoming 5 days. Maximum and minimum relative humidity will be 86-96% and 18-35% 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	31/03/2022	01/04/2022	02/04/2022	03/04/2022	04/04/2022
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	36	37	36	35	34
T-Min(°C)	25	26	27	27	26
Cloud Cover(octa)	3	3	3	2	1
RH Max (%)	96	89	86	86	86
RH Min (%)	18	18	25	33	35
Wind Speed (Kmph)	14	18	20	24	23
Wind Direction (deg)	193	193	167	180	167

Agro met Advisory

General advisory: Looking to the increasing rate of temperature and dry weather farmers are advised to apply light and frequent irrigation to the standing crops during the evening or early morning and carry out mulching with crop residue, straw or polythene. Undertake mulching in between rows of vegetable crops to conserve soil moisture and maintain soil temperature. To manage water stress mainly in vegetables Foliar spray of 2% DAP + 1% KCl (MOP) during critical stages of flowering and Spray of 40 ppm NAA to check flower and fruit drop (4 ml of Planofix in 4.5 litres of water).

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 **thrips and flea beetle** 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. 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. Spray profenofos 50EC @ 2ml / lit water later stage.

Suagracne:

Spring planted (December) sugarcane plant are at tillering stage. Irrigate the crop as and when required depending on the soil moistures status. The sugarcane crop should not suffer any moisture stress during its tillering stage (75- 90 DAP). As per soil/climatic condition and stage of crop irrigation apply- summer at 15- 17 day interval or adopt drip method of irrigation and mulching of trash in between two rows of crop to save irrigation water. Keep crop weed free upto 4 months of planting by interculturing, hand weeding or apply post emergence weedicide like 2,4-D (1.2 kg ai/ha)+Paraquat (0.600 kg ai/ha) after 30-60 DAP.

Brinjal:

FRUIT AND SHOOT BORER IN BRINJAL-Spray Neem based pesticide 1500ppm@600ml/acre at initial stages. Later on go for alternate spray of Spinosad 45%SC@70ml/acre and Thiodicarb@250g/acre at 15 days interval.

Tomato: Harvesting should be carried out as per the tenderness of fruit during clear weather condition. For management of **leaf spot disease** spraying of Propiconazole 25 EC @ 10 ml/10 lit or Mencozeb 75 WP 28 gm/10 lit. of water during clear weather condition.

- **Potato:** This is the ideal time for potato harvesting, complete harvesting immediately.
- **Onion:** The bulbs are ready for harvesting when around 60-70 % of the leafy green tops begin to yellow and eventually collapse at a point on the top of the bulb, leaving an upright short neck. Early harvest results in sprouting of the bulbs. After harvesting cut the tops leaving 2.0-2.5 cm above bulb. The harvested bulb should be dried in well ventilated concrete floored room. Well dried bulbs can be stored for longer period.
- **Okra:** Keeping increasing temperature in view, start field's preparation for sowing of early crop of lady finger- A-4, Parbani Kranti and Arka namika 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 Diethane M45 @ 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. **Apply irrigation to watermelon and gourds.**
- **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. To minimize pre-mature mango fruit drop due to prevailing high temperatures, apply irrigation of 100 litre of water/tree at weekly or 150 to 200 litre of water/tree at 15 days intervals, also use straw mulch to reduce loss of water through evaporation.

• **Animal husbandry:**

Increasing temperature may cause discomfort to the cattle. Feed more forage at night, feed/graze during cooler hours, feed fresh green fodder. Protein and mineral supplements feed under shade between morning and afternoon milking.

Dr Sujata Sethy
(Nodal officer)



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advisories in local language and DAMINI
APP for Lightening alert in your area



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Bulletin No.-284
 Date- 31/03/2022

				
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- Kindly install and use **“Meghdoot mobile App”** for Cuttack district weather forecast, warnings and weather based agromet advisory services.

<https://play.google.com/store/apps/details?id=com.aas.meghdoot>

- Kindly install and use **“Damini mobile App”** for location specific for lightening forecast and warnings.

<https://play.google.com/store/apps/details?id=com.lightening.live.damini>

- Follow the **block specific whats app groups** and join in your block wise groups for getting weather based agromet advisory services twice in a week (Tuesday and Friday) and other weather warning based farm management advisories.
- Follow the **Official Website links** to get the weather based agromet advisory service bulletins (**English & Odia**) twice in a week (Tuesday and Friday).

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

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