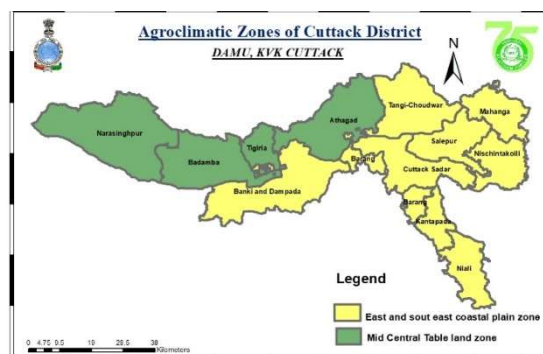
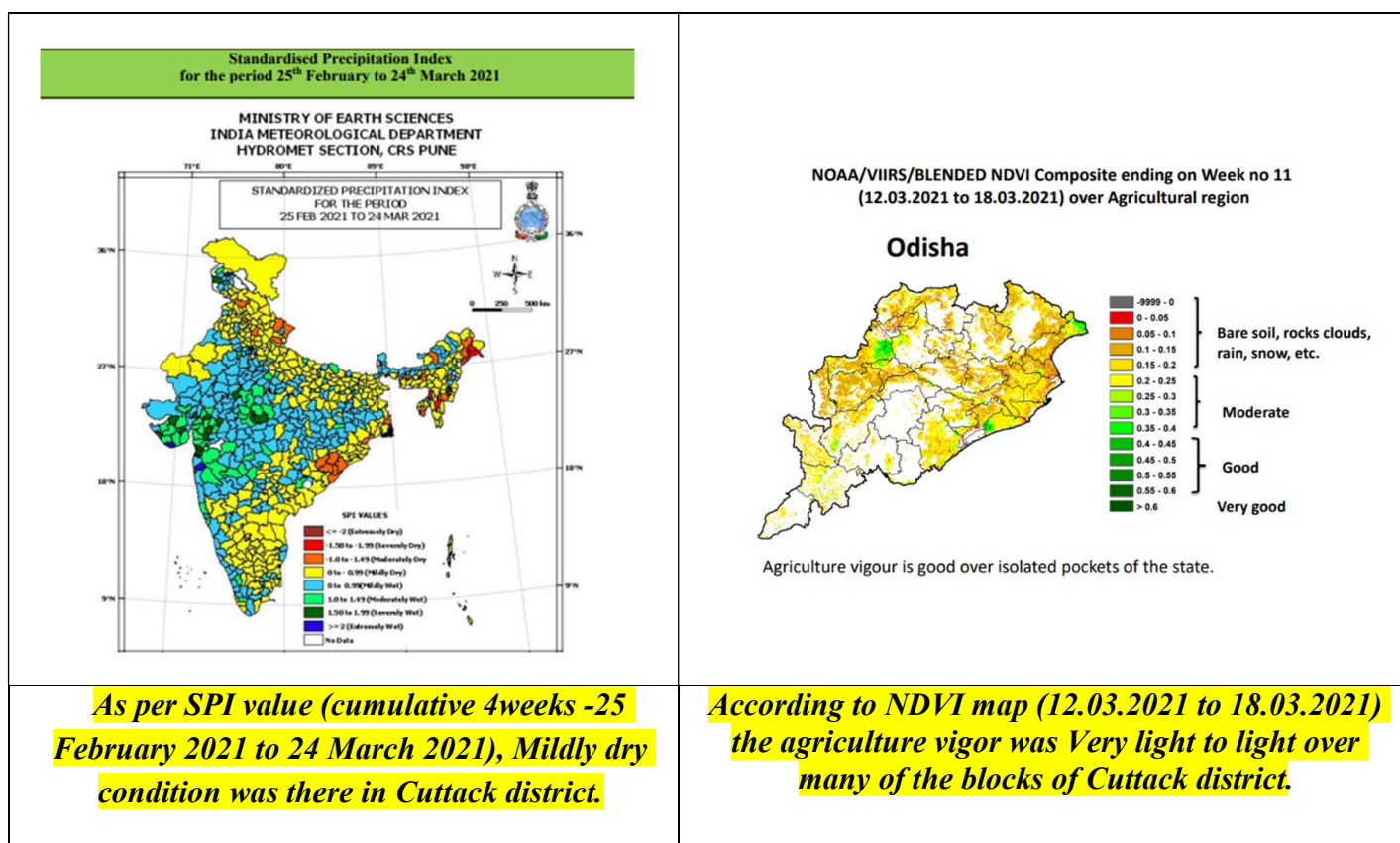


AGROCLIMATIC ZONES OF CUTTACK DISTRICT:

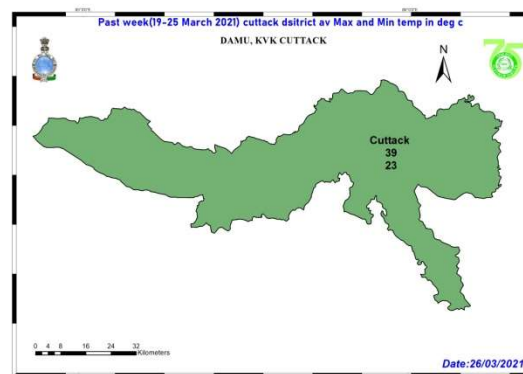
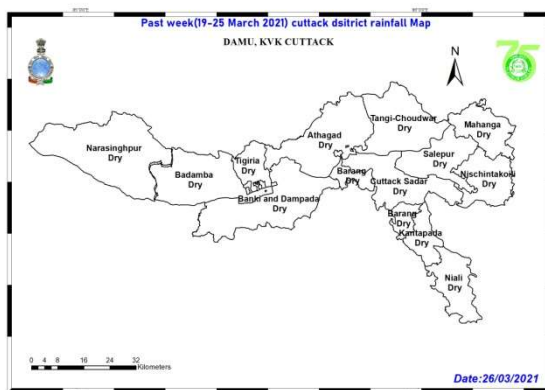


STANDARD PRECIPITATION INDEX AND NDVI MAP

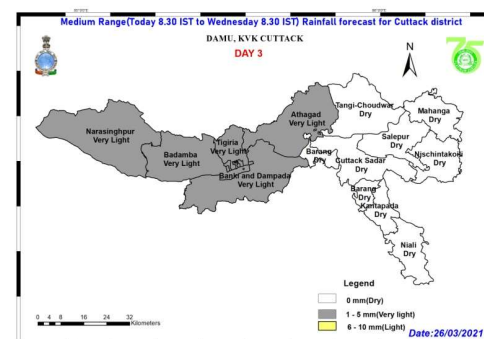
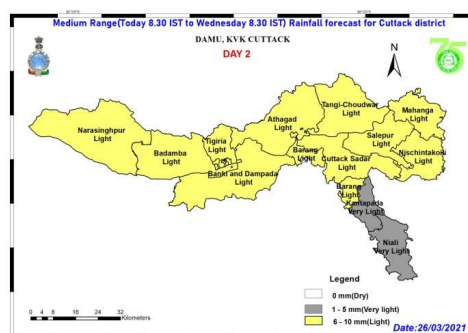
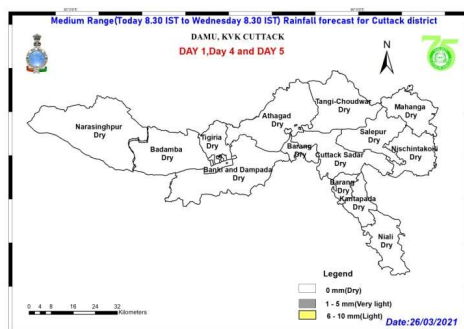


LEGEND (Medium range block level rainfall forecast)	
	No Rainfall
	Very light rainfall
	Light rainfall
	Light to moderate rainfall
	Moderate to heavy rainfall
	Heavy rainfall
	Very heavy rainfall
	Extremely heavy rainfall

Past week (19-25 March 2021) Cuttack district Rainfall and Temperature map



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



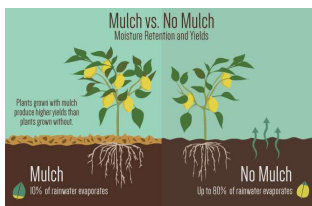
Extended range outlook for subsequent 1 week (6th to 12th days)
(31st March to 06th April 2021)

Met Sub division	Departure (%)	Category
Odisha	-94.77	Below Normal













General Agromet Advisory:- As there was mild dry condition in last four weeks at Cuttack district and also there will be below normal rainfall in upcoming week (31st March-06th April, 2021) in Odisha condition, so farmers are advised to continue their irrigation activities based upon soil moisture status.

General agromet advisory for forecasted Heat wave condition on today and tomorrow at one or two places of Cuttack district

- Apply light and frequent irrigation to the standing crops.
- Increase the frequency of irrigation at critical growth stages.
- Mulch with crop residue, straw, /polythene or undertake soil mulching to conserve soil moisture.
- Irrigate only during the evening or early morning.
- Use sprinkler irrigation.
- Mulching of leaves around newly planted cashewnut plants to conserve moisture.
- **Animal Husbandry**
- Keep animals in shade and give them plenty of clean and cold water to drink.
- Do not make them work between 11 am to 4 pm.
- Cover the shed roof with straw, paint it white or plaster with dung-mud to reduce temperature.
- Use fans, water spray and foggers in the shed.
- During extreme heat, spray water and take cattle to a water body to cool off.
- Give them green grass, protein-fat bypass supplement, mineral mixture and salt. Make them graze during cooler hours.
- Provide curtains and proper ventilation in poultry house.
- Avoid grazing / feeding of cattle during noon hours.



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	Brinjal	Fruiting		Fruit and shoot borer
3	Tomato	Fruting		Bacterial Canker
				Sun burn
				Flower drop
4	Onion	Flowering		Purple blight
				Stemphylium Blight
5	Cucurbits	Flowering to Fruiting stage		Whitefly
				Late blight



GRAMIN KRISHI MAUSAM SEWA
INDIA METEOROLOGICAL DEPARTMENT
DISTRICT AGROMET UNIT
KRISHI VIGYAN KENDRA CUTTACK
(A Unit of ICAR-National Rice Research Institute)
Email: kvkcuttack@gmail.com



Bulletin No.-179
Date- 26/03/2021

				Tender fruit drop
				Downy Mildew
6	Mango	Flowering to fruiting		Mango fruit drop
				Fruit fly

Dr Sujata Sethy
(Nodal officer)



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



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



GRAMIN KRISHI MAUSAM SEWA
INDIA METEOROLOGICAL DEPARTMENT
DISTRICT AGROMET UNIT
KRISHI VIGYAN KENDRA CUTTACK
(A Unit of ICAR-National Rice Research Institute)
Email: kvkcuttack@gmail.com



Bulletin No.-179
Date- 26/03/2021

AGROMET ADVISORY BULLETIN FOR ATHAGAD

District Past week weather condition and Block past Rainfall condition

The block received 0 mm and district received 0 mm rainfall during the last week. The mean daily maximum and minimum temperature was 39°C and 23°C, respectively. Mean relative humidity of the district was around 68-41%.

Forecasted period: Today (8.30 IST) to 31st March (8.30 IST) 2021

Weather advisory: **Light rainfall/Thundershower is forecasted for tomorrow and very light rainfall is forecasted for Sunday and dry weather is forecasted for other 3 days in the block.** The day temperature will be 38-41°C and night temperature will be 24-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 78-92% and 05-11% respectively. There will be mainly clear to mainly cloudy for next 5 days. **Heat wave condition likely to occur at one or two places over Cuttack district on today and tomorrow.**

Block	Athagad (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	27/03/2021	28/03/2021	29/03/2021	30/03/2021	31/03/2021
Rainfall (mm)	0	6	1	0	0
T-Max (°C)	37	37	37	40	41
T-Min (°C)	24	24	25	25	26
Cloud Cover (octa)	1	1	1	0	0
RH Max (%)	86	78	92	89	87
RH Min (%)	11	11	11	5	5
Wind Speed (kmph)	10	11	17	13	15
Wind Direction (deg)	160	203	204	203	210

Agromet Advisory

General advisory: March is the ideal time for sowing of cowpea, okra, cluster bean, pumpkin, cucumber and watermelon. Carry out transplanting of vegetables in afternoon hours to avoid high temperatures. Cover the vegetable beds with white polythene mulch to avoid high temperature. **Harvest matured mustard, potato, cucurbits and other vegetables before thundershower and keep it in safer places.**

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.** 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.

Summer Maize: Complete maize sowing by this week. Late sowing afterwards may reduce the yield due to high temperature during April and May. Grow composite varieties like Dhabal and Navjot and Hybrids like Decca, Ganga, Deccan 105, Kargil 900-M, PRO 345, Kargil 633, etc. Use 6 kg seeds per acre. Treat the seeds with 1.5 g Carbendazim or 3 g Thiram per kg seed. Apply 4 to 5 q lime per acre 15 days before sowing. 10 Kg of 1.5% Chloropyrifos dust should be applied to avoid white ant attack. Apply 16 Kg N, 16 Kg P2O5, and 16 Kg K2O per acre. Go for sowing in lines at 45 x 15 cm.

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: The crops are now approaching the maturity stage. Harvest the crops when silique turns into bright yellow colour and dry the harvested crop in the sun for 2-3 days before threshing.

Vegetables: 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: Transplanted seedlings are at 6-8 week stage in main field. **Due to water stress, deficiency of boron 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.

Potato: The main crop is ready for harvest within 75-85 days of planting. The crop is ready to harvest when majority of the leaves turn yellowish brown. Irrigation should be stopped 15 days before harvesting. Keep the harvested tubers in shed for 24 hours. All damaged and rotten tubers should be removed.

Onion: There are chances of purple blotch and Stemphylium blight disease incidence in onion crop. To manage purple blotch and Stemphylium leaf blight disease in onion spray Mancozeb 75% WP @ 600g/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.

Cucurbits: Late Blight may happen due to rising day temperature. **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. There are chances of infestation of Downy Mildew disease in cucurbit vegetables. To manage this disease in cucurbits spray Copper Hydroxide 77 % WP 12 @ 3-gram/litre or Carbendazim 12 % + Mancozeb 63 % WP @ 2-gram/litre.

Fruits: Mango: To prevent fruit drop and increase fruit size of mango spray planofix/thaitozone @ 3ml/15liter of water along with compound micro nutrient @ 45g/15liter of water. 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. Apply irrigation 15 days interval around mango trees which are at flowering stage; to prevent flower drop due to the attack of fruit flies, at initial stage install 6 Methyl Eugenol plywood traps per acre. Three weeks before harvest, spray Decamethrin 2.8EC @ 0.5 ml/l + Azadiractin (0.3%) 2ml/l and take up timely harvest.

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)



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



Debasish Jena

SMS (Agrometeorology)

Contact No-9861445080/7008453427



GRAMIN KRISHI MAUSAM SEWA
INDIA METEOROLOGICAL DEPARTMENT
DISTRICT AGROMET UNIT
KRISHI VIGYAN KENDRA CUTTACK
(A Unit of ICAR-National Rice Research Institute)
Email: kvkcuttack@gmail.com



Bulletin No.-179
Date- 26/03/2021

AGROMET ADVISORY BULLETIN FOR BADAMBA

District Past week weather condition and Block past Rainfall condition

The block received 0 mm and district received 0 mm rainfall during the last week. The mean daily maximum and minimum temperature was 39°C and 23°C, respectively. Mean relative humidity of the district was around 68-41%.

Forecasted period: Today(8.30IST) to 31st March (8.30IST)2021

Weather advisory: **Light rainfall/Thundershower is forecasted for tomorrow and very light rainfall is forecasted for Sunday and dry weather is forecasted for other 3 days in the block.** The day temperature will be 37-41°C and night temperature will be 23-25°C for upcoming 5 days. Maximum and minimum relative humidity will be 68-88% and 05-12% respectively. There will be mainly clear to mainly cloudy sky for next 5 days. **Heat wave condition likely to occur at one or two places over Cuttack district on today and tomorrow.**

Block	Badamba (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	27/03/2021	28/03/2021	29/03/2021	30/03/2021	31/03/2021
Rainfall(mm)	0	6	2	0	0
T-Max(°C)	37	37	38	40	41
T-Min(°C)	23	23	23	24	25
Cloud Cover(octa)	0	1	1	0	0
RH Max (%)	73	68	88	73	74
RH Min (%)	11	12	10	6	5
Wind Speed (Kmph)	9	9	14	11	12
Wind Direction (deg)	158	206	203	205	206

Agromet Advisory

General advisory: March is the ideal time for sowing of cowpea, okra, cluster bean, pumpkin, cucumber and watermelon. Carry out transplanting of vegetables in afternoon hours to avoid high temperatures. Cover the vegetable beds with white polythene mulch to avoid high temperature. **Harvest matured mustard, potato, cucurbits and other vegetables before thundershower and keep it in safer places.**

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.** 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.

Summer Maize: Complete maize sowing by this week. Late sowing afterwards may reduce the yield due to high temperature during April and May. Grow composite varieties like Dhabal and Navjot and Hybrids like Decca, Ganga, Deccan 105, Kargil 900-M, PRO 345, Kargil 633, etc. Use 6 kg seeds per acre. Treat the seeds with 1.5 g Carbendazim or 3 g Thiram per kg seed. Apply 4 to 5 q lime per acre 15 days before sowing. 10 Kg of 1.5% Chloropyrifos dust should be applied to avoid white ant attack. Apply 16 Kg N, 16 Kg. P2O5, and 16 Kg K2O per acre. Go for sowing in lines at 45 x 15 cm.

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: The crops are now approaching the maturity stage. Harvest the crops when silique turns into bright yellow colour and dry the harvested crop in the sun for 2-3 days before threshing.

Vegetables: 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: 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.

Potato: The main crop is ready for harvest within 75-85 days of planting. The crop is ready to harvest when majority of the leaves turn yellowish brown. Irrigation should be stopped 15 days before harvesting. Keep the harvested tubers in shed for 24 hours. All damaged and rotten tubers should be removed.

Onion: 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.

Cucurbits: Late Blight may happen due to rising day temperature. **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. There are chances of infestation of Downy Mildew disease in cucurbit vegetables. To manage this disease in cucurbits spray Copper Hydroxide 77 % WP 12 @ 3-gram/litre or Carbendazim 12 % + Mancozeb 63 % WP @ 2-gram/litre.

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. 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. Apply irrigation 15 days interval around mango trees which are at flowering stage; to prevent flower drop due to the attack of fruit flies, at initial stage install 6 Methyl Eugenol plywood traps per acre. Three weeks before harvest, spray Decamethrin 2.8EC @ 0.5 ml/l + Azadiractin (0.3%) 2ml/l and take up timely harvest.

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)



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



Debasish Jena

SMS (Agrometeorology)

Contact No-9861445080/7008453427



GRAMIN KRISHI MAUSAM SEWA
INDIA METEOROLOGICAL DEPARTMENT
DISTRICT AGROMET UNIT
KRISHI VIGYAN KENDRA CUTTACK
(A Unit of ICAR-National Rice Research Institute)
Email: kvkcuttack@gmail.com



Bulletin No.-179
Date- 26/03/2021

AGROMET ADVISORY BULLETIN FORBANKI

District Past week weather condition and Block past Rainfall condition

The block received 0 mm and district received 0 mm rainfall during the last week. The mean daily maximum and minimum temperature was 39°C and 23°C, respectively. Mean relative humidity of the district was around 68-41%.

Forecasted period: Today (8.30 IST) to 31st March (8.30 IST) 2021

Weather advisory: **Light rainfall/Thundershower is forecasted for tomorrow and very light rainfall is forecasted for Sunday and dry weather is forecasted for other 3 days in the block.** The day temperature will be 37-41°C and night temperature will be 24-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 73-91% and 07-13% respectively. There will be mainly clear to mainly cloudy sky for next 5 days. **Heat wave condition likely to occur at one or two places over Cuttack district on today and tomorrow.**

Block	Banki (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	27/03/2021	28/03/2021	29/03/2021	30/03/2021	31/03/2021
Rainfall (mm)	0	6	1	0	0
T-Max (°C)	37	37	38	40	41
T-Min (°C)	24	24	25	25	26
Cloud Cover (octa)	1	1	0	0	0
RH Max (%)	82	73	91	85	83
RH Min (%)	11	13	12	7	7
Wind Speed (Kmph)	10	12	18	13	15
Wind Direction (deg)	161	207	204	208	225

Agromet Advisory

General advisory: March is the ideal time for sowing of cowpea, okra, cluster bean, pumpkin, cucumber and watermelon. Carry out transplanting of vegetables in afternoon hours to avoid high temperatures. Cover the vegetable beds with white polythene mulch to avoid high temperature. **Harvest matured mustard, potato, cucurbits and other vegetables before thundershower and keep it in safer places.**

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.** 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.

Summer Maize: Complete maize sowing by this week. Late sowing afterwards may reduce the yield due to high temperature during April and May. Grow composite varieties like Dhabal and Navjot and Hybrids like Decca, Ganga, Deccan 105, Kargil 900-M, PRO 345, Kargil 633, etc. Use 6 kg seeds per acre. Treat the seeds with 1.5 g Carbendazim or 3 g Thiram per kg seed. Apply 4 to 5 q lime per acre 15 days before sowing. 10 Kg of 1.5% Chloropyrifos dust should be applied to avoid white ant attack. Apply 16 Kg N, 16 Kg. P2O5, and 16 Kg K2O per acre. Go for sowing in lines at 45 x 15 cm.

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: The crops are now approaching the maturity stage. Harvest the crops when siliqua turns into bright yellow colour and dry the harvested crop in the sun for 2-3 days before threshing.

Vegetables: 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: 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.

Potato: The main crop is ready for harvest within 75-85 days of planting. The crop is ready to harvest when majority of the leaves turn yellowish brown. Irrigation should be stopped 15 days before harvesting. Keep the harvested tubers in shed for 24 hours. All damaged and rotten tubers should be removed.

Onion: 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.

Cucurbits: Late Blight may happen due to rising day temperature. **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. There are chances of infestation of Downy Mildew disease in cucurbit vegetables. To manage this disease in cucurbits spray Copper Hydroxide 77 % WP 12 @ 3-gram/litre or Carbendazim 12 % + Mancozeb 63 % WP @ 2-gram/litre.

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. 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. Apply irrigation 15 days interval around mango trees which are at flowering stage; to prevent flower drop due to the attack of fruit flies, at initial stage install 6 Methyl Eugenol plywood traps per acre. Three weeks before harvest, spray Decamethrin 2.8EC @ 0.5 ml/l + Azadiractin (0.3%) 2ml/l and take up timely harvest.

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)



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



Debasish Jena

SMS (Agrometeorology)

Contact No-9861445080/7008453427



GRAMIN KRISHI MAUSAM SEWA
INDIA METEOROLOGICAL DEPARTMENT
DISTRICT AGROMET UNIT
KRISHI VIGYAN KENDRA CUTTACK
(A Unit of ICAR-National Rice Research Institute)
Email: kvkcuttack@gmail.com



Bulletin No.-179
Date- 26/03/2021

AGROMET ADVISORY BULLETIN FOR BANKI-DAMPARA

District Past week weather condition

The district received 0mm rainfall during the last week. The mean daily maximum and minimum temperature was 39°C and 23°C, respectively. Mean relative humidity of the district was around 68-41%.

Forecasted period: Today(8.30IST) to 31stMarch (8.30IST)2021

Weather Advisory: **Light rainfall/Thundershower is forecasted for tomorrow and very light rainfall is forecasted for Sunday and dry weather is forecasted for other 3days in the block.** The day temperature will be 37-40°C and night temperature will be 24-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 73-91% and 07-13% respectively. There will be mainly clear to mainly cloudy sky for next 5 days. **Heat wave condition likely to occur at one or two places over Cuttack district on today and tomorrow.**

Block	Banki-Dampara (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	27/03/2021	28/03/2021	29/03/2021	30/03/2021	31/03/2021
Rainfall(mm)	0	6	1	0	0
T-Max(°C)	37	37	37	40	40
T-Min(°C)	24	24	25	25	26
Cloud Cover(octa)	1	1	0	0	0
RH Max (%)	82	73	91	86	84
RH Min (%)	11	13	13	7	8
Wind Speed (Kmph)	10	12	18	14	15
Wind Direction (deg)	165	207	204	208	225

Agromet Advisory

General advisory: March is the ideal time for sowing of cowpea, okra, cluster bean, pumpkin, cucumber and watermelon. Carry out transplanting of vegetables in afternoon hours to avoid high temperatures. Cover the vegetable beds with white polythene mulch to avoid high temperature. **Harvest matured mustard, potato, cucurbits and other vegetables before thundershower and keep it in safer places.**

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.** 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.

Summer Maize: Complete maize sowing by this week. Late sowing afterwards may reduce the yield due to high temperature during April and May. Grow composite varieties like Dhabal and Navjot and Hybrids like Decca, Ganga, Deccan 105, Kargil 900-M, PRO 345, Kargil 633, etc. Use 6 kg seeds per acre. Treat the seeds with 1.5 g Carbendazim or 3 g Thiram per kg seed. Apply 4 to 5 q lime per acre 15 days before sowing. 10 Kg of 1.5% Chloropyrifos dust should be applied to avoid white ant attack. Apply 16 Kg N, 16 Kg. P2O5, and 16 Kg K2O per acre. Go for sowing in lines at 45 x15 cm.

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: The crops are now approaching the maturity stage. Harvest the crops when siliqua turns into bright yellow colour and dry the harvested crop in the sun for 2-3 days before threshing.

Vegetables: 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: Transplanted seedlings are at 6-8 week stage in main field. **Due to water stress, deficiency of boron 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.

Potato: The main crop is ready for harvest within 75-85 days of planting. The crop is ready to harvest when majority of the leaves turn yellowish brown. Irrigation should be stopped 15 days before harvesting. Keep the harvested tubers in shed for 24 hours. All damaged and rotten tubers should be removed.

Onion: There are chances of purple blotch and Stemphylium blight disease incidence in onion crop. To manage purple blotch and Stemphylium 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.

Cucurbits: Late Blight may happen due to rising day temperature. **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 Downy Mildew disease in cucurbit vegetables. To manage this disease in cucurbits spray Copper Hydroxide 77 % WP 12 @ 3-gram/litre or Carbendazim 12 % + Mancozeb 63 % WP @ 2-gram/litre.

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. 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. Apply irrigation 15 days interval around mango trees which are at flowering stage; to prevent flower drop due to the attack of fruit flies, at initial stage install 6 Methyl Eugenol plywood traps per acre. Three weeks before harvest, spray Decamethrin 2.8EC@ 0.5 ml/l + Azadiractin (0.3%) 2ml/l and take up timely harvest.

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)



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



Debasish Jena

SMS (Agrometeorology)

Contact No-9861445080/7008453427



GRAMIN KRISHI MAUSAM SEWA
INDIA METEOROLOGICAL DEPARTMENT
DISTRICT AGROMET UNIT
KRISHI VIGYAN KENDRA CUTTACK
(A Unit of ICAR-National Rice Research Institute)
Email: kvkcuttack@gmail.com



Bulletin No.-179
Date- 26/03/2021

AGROMET ADVISORY BULLETIN FOR BARANGA

District Past week weather condition and Block past Rainfall condition

The block received 0 mm and district received 0 mm rainfall during the last week. The mean daily maximum and minimum temperature was 39°C and 23°C, respectively. Mean relative humidity of the district was around 68-41%.

Forecasted period: Today(8.30IST) to 31st March (8.30IST)2021

Weather advisory: **Light rainfall/Thundershower is forecasted for tomorrow and dry weather is forecasted for other 4 days in the block.** The day temperature will be 36-40°C and night temperature will be 25-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 81-91% and 09-15% respectively. There will be mainly clear to mainly cloudy sky for next 5 days.

Block	Baranga (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	27/03/2021	28/03/2021	29/03/2021	30/03/2021	31/03/2021
Rainfall(mm)	0	6	0	0	0
T-Max(°C)	38	36	37	40	40
T-Min(°C)	25	25	27	26	26
Cloud Cover	1	1	0	0	0
RH Max (%)	89	81	86	89	91
RH Min (%)	13	14	15	9	13
Wind Speed (Kmph)	11	15	23	18	21
Wind Direction (deg)	171	203	204	207	204

Agromet Advisory

General advisory: March is the ideal time for sowing of cowpea, okra, cluster bean, pumpkin, cucumber and watermelon. Carry out transplanting of vegetables in afternoon hours to avoid high temperatures. Cover the vegetable beds with white polythene mulch to avoid high temperature. **Harvest matured mustard, potato, cucurbits and other vegetables before thundershower and keep it in safer places.**

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.** 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.

Summer Maize: Complete maize sowing by this week. Late sowing afterwards may reduce the yield due to high temperature during April and May. Grow composite varieties like Dhabal and Navjot and Hybrids like Decca, Ganga, Deccan 105, Kargil 900-M, PRO 345, Kargil 633, etc. Use 6 kg seeds per acre. Treat the seeds with 1.5 g Carbendazim or 3 g Thiram per kg seed. Apply 4 to 5 q lime per acre 15 days before sowing. 10 Kg of 1.5% Chloropyrifos dust should be applied to avoid white ant attack. Apply 16 Kg N, 16 Kg. P₂O₅, and 16 Kg K₂O per acre. Go for sowing in lines at 45 x 15 cm.

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: The crops are now approaching the maturity stage. Harvest the crops when siliqua turns into bright yellow colour and dry the harvested crop in the sun for 2-3 days before threshing.

Vegetables: 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: 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.

Potato: The main crop is ready for harvest within 75-85 days of planting. The crop is ready to harvest when majority of the leaves turn yellowish brown. Irrigation should be stopped 15 days before harvesting. Keep the harvested tubers in shed for 24 hours. All damaged and rotten tubers should be removed.

Onion: 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.

Cucurbits: Late Blight may happen due to rising day temperature. **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. There are chances of infestation of Downy Mildew disease in cucurbit vegetables. To manage this disease in cucurbits spray Copper Hydroxide 77 % WP 12 @ 3-gram/litre or Carbendazim 12 % + Mancozeb 63 % WP @ 2-gram/litre.

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. 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. Apply irrigation 15 days interval around mango trees which are at flowering stage; to prevent flower drop due to the attack of fruit flies, at initial stage install 6 Methyl Eugenol plywood traps per acre. Three weeks before harvest, spray Decamethrin 2.8EC @ 0.5 ml/l + Azadiractin (0.3%) 2ml/l and take up timely harvest.

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)



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



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



GRAMIN KRISHI MAUSAM SEWA
INDIA METEOROLOGICAL DEPARTMENT
DISTRICT AGROMET UNIT
KRISHI VIGYAN KENDRA CUTTACK
(A Unit of ICAR-National Rice Research Institute)
Email: kvkcuttack@gmail.com



Bulletin No.-179
Date- 26/03/2021

AGROMET ADVISORY BULLETIN FOR CUTTACK SADAR
District Past week weather condition and Block past Rainfall condition

The block received 0 mm and district received 0 mm rainfall during the last week. The mean daily maximum and minimum temperature was 39°C and 23°C, respectively. Mean relative humidity of the district was around 68-41%.

Forecasted period: Today(8.30IST) to 31st March (8.30IST)2021

Weather advisory: Light rainfall/Thundershower is forecasted for tomorrow and dry weather is forecasted for other 4 days in the block. The day temperature will be 36-40°C and night temperature will be 25-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 84-91% and 06-13% respectively. There will be mainly clear to mainly cloudy sky for next 5 days.

Block	Cuttack sadar (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	27/03/2021	28/03/2021	29/03/2021	30/03/2021	31/03/2021
Rainfall(mm)	0	6	0	0	0
T-Max(°C)	37	36	37	40	40
T-Min(°C)	25	25	27	26	26
Cloud Cover(octa)	1	1	1	0	0
RH Max (%)	89	84	89	90	91
RH Min (%)	12	12	13	6	7
Wind Speed (Kmph)	10	13	21	17	19
Wind Direction (deg)	165	199	204	208	212

Agromet Advisory

General advisory: March is the ideal time for sowing of cowpea, okra, cluster bean, pumpkin, cucumber and watermelon. Carry out transplanting of vegetables in afternoon hours to avoid high temperatures. Cover the vegetable beds with white polythene mulch to avoid high temperature. Harvest matured mustard, potato, cucurbits and other vegetables before thundershower and keep it in safer places.

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. 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.

Summer Maize: Complete maize sowing by this week. Late sowing afterwards may reduce the yield due to high temperature during April and May. Grow composite varieties like Dhabal and Navjot and Hybrids like Decca, Ganga, Deccan 105, Kargil 900-M, PRO 345, Kargil 633, etc. Use 6 kg seeds per acre. Treat the seeds with 1.5 g Carbendazim or 3 g Thiram per kg seed. Apply 4 to 5 q lime per acre 15 days before sowing. 10 Kg of 1.5% Chloropyrifos dust should be applied to avoid white ant attack. Apply 16 Kg N, 16 Kg P₂O₅, and 16 Kg K₂O per acre. Go for sowing in lines at 45 x 15 cm.

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: The crops are now approaching the maturity stage. Harvest the crops when siliqua turns into bright yellow colour and dry the harvested crop in the sun for 2-3 days before threshing.

Vegetables: 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: Transplanted seedlings are at 6-8 week stage in main field. Due to water stress, deficiency of boron 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.

Potato: The main crop is ready for harvest within 75-85 days of planting. The crop is ready to harvest when majority of the leaves turn yellowish brown. Irrigation should be stopped 15 days before harvesting. Keep the harvested tubers in shed for 24 hours. All damaged and rotten tubers should be removed.

Onion: There are chances of purple blotch and Stemphylium blight disease incidence in onion crop. To manage purple blotch and Stemphylium 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.

Cucurbits: Late Blight may happen due to rising day temperature. 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. There are chances of infestation of Downy Mildew disease in cucurbit vegetables. To manage this disease in cucurbits spray Copper Hydroxide 77 % WP 12 @ 3-gram/litre or Carbendazim 12 % + Mancozeb 63 % WP @ 2-gram/litre.

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. 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. Apply irrigation 15 days interval around mango trees which are at flowering stage; to prevent flower drop due to the attack of fruit flies, at initial stage install 6 Methyl Eugenol plywood traps per acre. Three weeks before harvest, spray Decamethrin 2.8EC @ 0.5 ml/l + Azadiractin (0.3%) 2ml/l and take up timely harvest.

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)



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



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



GRAMIN KRISHI MAUSAM SEWA
INDIA METEOROLOGICAL DEPARTMENT
DISTRICT AGROMET UNIT
KRISHI VIGYAN KENDRA CUTTACK
(A Unit of ICAR-National Rice Research Institute)
Email: kvkcuttack@gmail.com



Bulletin No.-179
Date- 26/03/2021

AGROMET ADVISORY BULLETIN FOR KANTAPADA

District Past week weather condition and Block past Rainfall condition

The block received 0 mm and district received 0 mm rainfall during the last week. The mean daily maximum and minimum temperature was 39°C and 23°C, respectively. Mean relative humidity of the district was around 68-41%.

Forecasted period: Today(8.30IST) to 31st March (8.30IST)2021

Weather advisory: *Very light rainfall/Thundershower is forecasted for tomorrow and dry weather is forecasted for other 4 days in the block.* The day temperature will be 36-39°C and night temperature will be 25-28°C for upcoming 5 days. Maximum and minimum relative humidity will be 82-87% and 17-26% respectively. There will be mainly clear to mainly cloudy sky for next 5 days.

Block	Kantapada (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	27/03/2021	28/03/2021	29/03/2021	30/03/2021	31/03/2021
Rainfall(mm)	0	4	0	0	0
T-Max(°C)	36	36	36	39	38
T-Min(°C)	25	26	28	27	27
Cloud Cover(octa)	1	0	0	0	0
RH Max (%)	87	82	82	84	86
RH Min (%)	17	17	19	18	26
Wind Speed (Kmph)	12	17	25	22	25
Wind Direction (deg)	193	203	204	204	204

Agromet Advisory

General advisory: *March is the ideal time for sowing of cowpea, okra, cluster bean, pumpkin, cucumber and watermelon. Carry out transplanting of vegetables in afternoon hours to avoid high temperatures. Cover the vegetable beds with white polythene mulch to avoid high temperature. Harvest matured mustard, potato, cucurbits and other vegetables before thundershower and keep it in safer places.*

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.** 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.

Summer Maize: Complete maize sowing by this week. Late sowing afterwards may reduce the yield due to high temperature during April and May. Grow composite varieties like Dhabal and Navjot and Hybrids like Decca, Ganga, Deccan 105, Kargil 900-M, PRO 345, Kargil 633, etc. Use 6 kg seeds per acre. Treat the seeds with 1.5 g Carbendazim or 3 g Thiram per kg seed. Apply 4 to 5 q lime per acre 15 days before sowing. 10 Kg of 1.5% Chloropyrifos dust should be applied to avoid white ant attack. Apply 16 Kg N, 16 Kg. P2O5, and 16 Kg K2O per acre. Go for sowing in lines at 45 x 15 cm.

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: The crops are now approaching the maturity stage. Harvest the crops when silique turns into bright yellow colour and dry the harvested crop in the sun for 2-3 days before threshing.

Vegetables: 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: 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.

Potato: The main crop is ready for harvest within 75-85 days of planting. The crop is ready to harvest when majority of the leaves turn yellowish brown. Irrigation should be stopped 15 days before harvesting. Keep the harvested tubers in shed for 24 hours. All damaged and rotten tubers should be removed.

Onion: 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.

Cucurbits: Late Blight may happen due to rising day temperature. **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 Downy Mildew disease in cucurbit vegetables. To manage this disease in cucurbits spray Copper Hydroxide 77 % WP 12 @ 3-gram/litre or Carbendazim 12 % + Mancozeb 63 % WP @ 2-gram/litre.

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. 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. Apply irrigation 15 days interval around mango trees which are at flowering stage; to prevent flower drop due to the attack of fruit flies, at initial stage install 6 Methyl Eugenol plywood traps per acre. Three weeks before harvest, spray Decamethrin 2.8EC@ 0.5 ml/l + Azadiractin (0.3%) 2ml/l and take up timely harvest.

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)



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



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



GRAMIN KRISHI MAUSAM SEWA
INDIA METEOROLOGICAL DEPARTMENT
DISTRICT AGROMET UNIT
KRISHI VIGYAN KENDRA CUTTACK
(A Unit of ICAR-National Rice Research Institute)
Email: kvkcuttack@gmail.com



Bulletin No.-179
Date- 26/03/2021

AGROMET ADVISORY BULLETIN FOR MAHANGA

District Past week weather condition and Block past Rainfall condition

The block received 0 mm and district received 0 mm rainfall during the last week. The mean daily maximum and minimum temperature was 39°C and 23°C, respectively. Mean relative humidity of the district was around 68-41%.

Forecasted period: Today(8.30IST) to 31st March (8.30IST) 2021

Weather advisory: Light rainfall/Thundershower is forecasted for tomorrow and dry weather is forecasted for other 4 days in the block. The day temperature will be and it will be 37-41°C and night temperature will be 25-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 85-89% and 08-15% respectively. There will be mainly clear to mainly cloudy sky for next 5 days.

Block	Mahanga (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	27/03/2021	28/03/2021	29/03/2021	30/03/2021	31/03/2021
Rainfall(mm)	0	6	0	0	0
T-Max(°C)	37	37	37	40	41
T-Min(°C)	25	25	27	27	27
Cloud Cover(octal)	1	1	1	0	0
RH Max (%)	85	89	85	85	86
RH Min (%)	14	15	15	8	9
Wind Speed (Kmph)	11	14	24	20	23
Wind Direction (deg)	197	201	204	205	212

Agromet Advisory

General advisory: March is the ideal time for sowing of cowpea, okra, cluster bean, pumpkin, cucumber and watermelon. Carry out transplanting of vegetables in afternoon hours to avoid high temperatures. Cover the vegetable beds with white polythene mulch to avoid high temperature. Harvest matured mustard, potato, cucurbits and other vegetables before thundershower and keep it in safer places.

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. 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.

Summer Maize: Complete maize sowing by this week. Late sowing afterwards may reduce the yield due to high temperature during April and May. Grow composite varieties like Dhabal and Navjot and Hybrids like Decca, Ganga, Deccan 105, Kargil 900-M, PRO 345, Kargil 633, etc. Use 6 kg seeds per acre. Treat the seeds with 1.5 g Carbendazim or 3 g Thiram per kg seed. Apply 4 to 5 q lime per acre 15 days before sowing. 10 Kg of 1.5% Chloropyrifos dust should be applied to avoid white ant attack. Apply 16 Kg N, 16 Kg. P2O5, and 16 Kg K2O per acre. Go for sowing in lines at 45 x 15 cm.

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: The crops are now approaching the maturity stage. Harvest the crops when siliqua turns into bright yellow colour and dry the harvested crop in the sun for 2-3 days before threshing.

Vegetables: 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: 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.

Potato: The main crop is ready for harvest within 75-85 days of planting. The crop is ready to harvest when majority of the leaves turn yellowish brown. Irrigation should be stopped 15 days before harvesting. Keep the harvested tubers in shed for 24 hours. All damaged and rotten tubers should be removed.

Onion: There are chances of purple blotch and Stemphylium blight disease incidence in onion crop. To manage purple blotch and Stemphylium 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.

Cucurbits: Late Blight may happen due to rising day temperature. 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. There are chances of infestation of Downy Mildew disease in cucurbit vegetables. To manage this disease in cucurbits spray Copper Hydroxide 77 % WP 12 @ 3-gram/litre or Carbendazim 12 % + Mancozeb 63 % WP @ 2-gram/litre.

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. 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. Apply irrigation 15 days interval around mango trees which are at flowering stage; to prevent flower drop due to the attack of fruit flies, at initial stage install 6 Methyl Eugenol plywood traps per acre. Three weeks before harvest, spray Decamethrin 2.8EC @ 0.5 ml/l + Azadiractin (0.3%) 2ml/l and take up timely harvest.

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)



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



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



GRAMIN KRISHI MAUSAM SEWA
INDIA METEOROLOGICAL DEPARTMENT
DISTRICT AGROMET UNIT
KRISHI VIGYAN KENDRA CUTTACK
(A Unit of ICAR-National Rice Research Institute)
Email: kvkcuttack@gmail.com



Bulletin No.-179
Date- 26/03/2021

AGROMET ADVISORY BULLETIN FOR NARASINGHPUR
District Past week weather condition and Block past Rainfall condition

The block received 0 mm and district received 0 mm rainfall during the last week. The mean daily maximum and minimum temperature was 39°C and 23°C, respectively. Mean relative humidity of the district was around 68-41%.

Forecasted period: Today (8.30 IST) to 31st March (8.30 IST) 2021

Weather advisory: **Light rainfall/Thundershower is forecasted for tomorrow and very light rainfall is forecasted for Sunday and dry weather is forecasted for other 3 days in the block.** The day temperature will be 37-40°C and night temperature will be 21-24°C for upcoming 5 days. Maximum and minimum relative humidity will be 54-79% and 04-11% respectively. There will be mainly clear to mainly cloudy sky for next 5 days. **Heat wave condition likely to occur at one or two places over Cuttack district on today and tomorrow.**

Block	Narasinghpur (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	27/03/2021	28/03/2021	29/03/2021	30/03/2021	31/03/2021
Rainfall (mm)	0	7	2	0	0
T-Max (°C)	37	39	38	38	40
T-Min (°C)	22	21	21	23	24
Cloud Cover (/octa)	1	1	0	0	0
RH Max (%)	61	62	79	55	54
RH Min (%)	11	11	8	7	4
Wind Speed (Kmph)	6	6	9	9	10
Wind Direction (deg)	158	203	207	240	290

Agromet Advisory

General advisory: March is the ideal time for sowing of cowpea, okra, cluster bean, pumpkin, cucumber and watermelon. Carry out transplanting of vegetables in afternoon hours to avoid high temperatures. Cover the vegetable beds with white polythene mulch to avoid high temperature. **Harvest matured mustard, potato, cucurbits and other vegetables before thundershower and keep it in safer places.**

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.** 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.

Summer Maize: Complete maize sowing by this week. Late sowing afterwards may reduce the yield due to high temperature during April and May. Grow composite varieties like Dhabal and Navjot and Hybrids like Decca, Ganga, Deccan 105, Kargil 900-M, PRO 345, Kargil 633, etc. Use 6 kg seeds per acre. Treat the seeds with 1.5 g Carbendazim or 3 g Thiram per kg seed. Apply 4 to 5 q lime per acre 15 days before sowing. 10 Kg of 1.5% Chloropyrifos dust should be applied to avoid white ant attack. Apply 16 Kg N, 16 Kg. P2O5, and 16 Kg K2O per acre. Go for sowing in lines at 45 x 15 cm.

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: The crops are now approaching the maturity stage. Harvest the crops when siliqua turns into bright yellow colour and dry the harvested crop in the sun for 2-3 days before threshing.

Vegetables: 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: 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.

Potato: The main crop is ready for harvest within 75-85 days of planting. The crop is ready to harvest when majority of the leaves turn yellowish brown. Irrigation should be stopped 15 days before harvesting. Keep the harvested tubers in shed for 24 hours. All damaged and rotten tubers should be removed.

Onion: 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.

Cucurbits: Late Blight may happen due to rising day temperature. **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. There are chances of infestation of Downy Mildew disease in cucurbit vegetables. To manage this disease in cucurbits spray Copper Hydroxide 77 % WP 12 @ 3-gram/litre or Carbendazim 12 % + Mancozeb 63 % WP @ 2-gram/litre.

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. 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. Apply irrigation 15 days interval around mango trees which are at flowering stage; to prevent flower drop due to the attack of fruit flies, at initial stage install 6 Methyl Eugenol plywood traps per acre. Three weeks before harvest, spray Decamethrin 2.8EC @ 0.5 ml/l + Azadiractin (0.3%) 2ml/l and take up timely harvest.

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)



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



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



GRAMIN KRISHI MAUSAM SEWA
INDIA METEOROLOGICAL DEPARTMENT
DISTRICT AGROMET UNIT
KRISHI VIGYAN KENDRA CUTTACK
(A Unit of ICAR-National Rice Research Institute)
Email: kvkcuttack@gmail.com



Bulletin No.-179
Date- 26/03/2021

AGROMET ADVISORY BULLETIN FOR NIALI

District Past week weather condition and Block past Rainfall condition

The block received 0 mm and district received 0 mm rainfall during the last week. The mean daily maximum and minimum temperature was 39°C and 23°C, respectively. Mean relative humidity of the district was around 68-41%.

Forecasted period: Today(8.30IST) to 31st March (8.30IST)2021

Weather advisory: *Very light rainfall/Thundershower is forecasted for tomorrow and dry weather is forecasted for other 4 days in the block.* The day temperature will be 36-38°C and night temperature will be 25-28°C for upcoming 5 days. Maximum and minimum relative humidity will be 81-87% and 20-37% respectively. There will be mainly clear to mainly cloudy sky for next 5 days.

Block	Niali (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	27/03/2021	28/03/2021	29/03/2021	30/03/2021	31/03/2021
Rainfall(mm)	0	3	0	0	0
T-Max(°C)	36	36	36	38	36
T-Min(°C)	25	26	28	28	28
Cloud Cover(octa)	0	1	0	0	0
RH Max (%)	87	82	81	83	84
RH Min (%)	20	21	25	30	37
Wind Speed(Kmph)	13	18	26	25	28
Wind Direction(deg)	193	203	203	203	204

Agromet Advisory

General advisory: March is the ideal time for sowing of cowpea, okra, cluster bean, pumpkin, cucumber and watermelon. Carry out transplanting of vegetables in afternoon hours to avoid high temperatures. Cover the vegetable beds with white polythene mulch to avoid high temperature. **Harvest matured mustard, potato, cucurbits and other vegetables before thundershower and keep it in safer places.**

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.** 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.

Summer Maize: Complete maize sowing by this week. Late sowing afterwards may reduce the yield due to high temperature during April and May. Grow composite varieties like Dhabal and Navjot and Hybrids like Decca, Ganga, Deccan 105, Kargil 900-M, PRO 345, Kargil 633, etc. Use 6 kg seeds per acre. Treat the seeds with 1.5 g Carbendazim or 3 g Thiram per kg seed. Apply 4 to 5 q lime per acre 15 days before sowing. 10 Kg of 1.5% Chloropyriphos dust should be applied to avoid white ant attack. Apply 16 Kg N, 16 Kg P₂O₅, and 16 Kg K₂O per acre. Go for sowing in lines at 45 x 15 cm.

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: The crops are now approaching the maturity stage. Harvest the crops when siliqua turns into bright yellow colour and dry the harvested crop in the sun for 2-3 days before threshing.

Vegetables: 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: 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.

Potato: The main crop is ready for harvest within 75-85 days of planting. The crop is ready to harvest when majority of the leaves turn yellowish brown. Irrigation should be stopped 15 days before harvesting. Keep the harvested tubers in shed for 24 hours. All damaged and rotten tubers should be removed.

Onion: There are chances of purple blotch and Stemphylium blight disease incidence in onion crop. To manage purple blotch and Stemphylium 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.

Cucurbits: Late Blight may happen due to rising day temperature. **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. There are chances of infestation of Downy Mildew disease in cucurbit vegetables. To manage this disease in cucurbits spray Copper Hydroxide 77 % WP 12 @ 3-gram/litre or Carbendazim 12 % + Mancozeb 63 % WP @ 2-gram/litre.

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. 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. Apply irrigation 15 days interval around mango trees which are at flowering stage; to prevent flower drop due to the attack of fruit flies, at initial stage install 6 Methyl Eugenol plywood traps per acre. Three weeks before harvest, spray Decamethrin 2.8EC @ 0.5 ml/l + Azadiractin (0.3%) 2ml/l and take up timely harvest.

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)



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



Debasish Jena

SMS (Agrometeorology)

Contact No-9861445080/7008453427



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

Email: kvkcuttack@gmail.com



Bulletin No.-179
Date- 26/03/2021

AGROMET ADVISORY BULLETIN FOR NISCHINTAKOILI
District Past week weather condition and Block past Rainfall condition

The block received 0 mm and district received 0 mm rainfall during the last week. The mean daily maximum and minimum temperature was 39°C and 23°C, respectively. Mean relative humidity of the district was around 68-41%.

Forecasted period: Today (8.30IST) to 31st March (8.30IST) 2021

Weather advisory: Light rainfall/Thundershower is forecasted for tomorrow and dry weather is forecasted for other 4 days in the block. The day temperature will be 37-40°C and night temperature will be 25-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 84-88% and 09-16% respectively. There will be mainly clear to mainly cloudy sky for next 5 days.

Block	Nischintakoili (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	27/03/2021	28/03/2021	29/03/2021	30/03/2021	31/03/2021
Rainfall (mm)	0	7	0	0	0
T-Max (°C)	37	37	37	40	40
T-Min (°C)	25	25	27	27	27
Cloud Cover (octa)	1	1	0	0	0
RH Max (%)	86	88	84	84	85
RH Min (%)	16	16	16	9	13
Wind Speed (Kmph)	11	15	24	21	24
Wind Direction (deg)	189	203	204	205	204

Agromet Advisory

General advisory: March is the ideal time for sowing of cowpea, okra, cluster bean, pumpkin, cucumber and watermelon. Carry out transplanting of vegetables in afternoon hours to avoid high temperatures. Cover the vegetable beds with white polythene mulch to avoid high temperature. Harvest matured mustard, potato, cucurbits and other vegetables before thundershower and keep it in safer places.

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. 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.

Summer Maize: Complete maize sowing by this week. Late sowing afterwards may reduce the yield due to high temperature during April and May. Grow composite varieties like Dhabal and Navjot and Hybrids like Decca, Ganga, Deccan 105, Kargil 900-M, PRO 345, Kargil 633, etc. Use 6 kg seeds per acre. Treat the seeds with 1.5 g Carbendazim or 3 g Thiram per kg seed. Apply 4 to 5 q lime per acre 15 days before sowing. 10 Kg of 1.5% Chloropyriphos dust should be applied to avoid white ant attack. Apply 16 Kg N, 16 Kg P₂O₅, and 16 Kg K₂O per acre. Go for sowing in lines at 45 x 15 cm.

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: The crops are now approaching the maturity stage. Harvest the crops when siliqua turns into bright yellow colour and dry the harvested crop in the sun for 2-3 days before threshing.

Vegetables: 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: 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.

Potato: The main crop is ready for harvest within 75-85 days of planting. The crop is ready to harvest when majority of the leaves turn yellowish brown. Irrigation should be stopped 15 days before harvesting. Keep the harvested tubers in shed for 24 hours. All damaged and rotten tubers should be removed.

Onion: There are chances of purple blotch and Stemphylium blight disease incidence in onion crop. To manage purple blotch and Stemphylium 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.

Cucurbits: Late Blight may happen due to rising day temperature. 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. There are chances of infestation of Downy Mildew disease in cucurbit vegetables. To manage this disease in cucurbits spray Copper Hydroxide 77 % WP 12 @ 3-gram/litre or Carbendazim 12 % + Mancozeb 63 % WP @ 2-gram/litre.

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. 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. Apply irrigation 15 days interval around mango trees which are at flowering stage; to prevent flower drop due to the attack of fruit flies, at initial stage install 6 Methyl Eugenol plywood traps per acre. Three weeks before harvest, spray Decamethrin 2.8EC @ 0.5 ml/l + Azadiractin (0.3%) 2ml/l and take up timely harvest.

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)



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



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



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

Email: kvkcuttack@gmail.com



Bulletin No.-179
Date- 26/03/2021

AGROMET ADVISORY BULLETIN FOR SALEPUR

District Past week weather condition and Block past Rainfall condition

The block received 0 mm and district received 0mm rainfall during the last week. The mean daily maximum and minimum temperature was 39°C and 23°C, respectively. Mean relative humidity of the district was around 68-41%.

Forecasted period: Today(8.30IST) to 31st March (8.30IST)2021

Weather advisory: Light rainfall/Thundershower is forecasted for tomorrow and dry weather is forecasted for other 4 days in the block. The day temperature will be 36-40°C and night temperature will be 25-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 84-87% and 08-16% respectively. There will be mainly clear to mainly cloudy sky for next 5 days.

Block	Salepur (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	27/03/2021	28/03/2021	29/03/2021	30/03/2021	31/03/2021
Rainfall(mm)	0	6	0	0	0
T-Max(°C)	37	36	37	40	40
T-Min(°C)	25	25	27	27	27
Cloud Cover(octa)	1	1	0	0	0
RH Max (%)	86	87	84	85	86
RH Min (%)	14	15	16	8	11
Wind Speed (Kmph)	11	15	24	20	23
Wind Direction (deg)	189	203	204	205	207

Agromet Advisory

General advisory: March is the ideal time for sowing of cowpea, okra, cluster bean, pumpkin, cucumber and watermelon. Carry out transplanting of vegetables in afternoon hours to avoid high temperatures. Cover the vegetable beds with white polythene mulch to avoid high temperature. Harvest matured mustard, potato, cucurbits and other vegetables before thundershower and keep it in safer places.

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. 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.

Summer Maize: Complete maize sowing by this week. Late sowing afterwards may reduce the yield due to high temperature during April and May. Grow composite varieties like Dhabal and Navjot and Hybrids like Decca, Ganga, Deccan 105, Kargil 900-M, PRO 345, Kargil 633, etc. Use 6 kg seeds per acre. Treat the seeds with 1.5 g Carbendazim or 3 g Thiram per kg seed. Apply 4 to 5 q lime per acre 15 days before sowing. 10 Kg of 1.5% Chloropyriphos dust should be applied to avoid white ant attack. Apply 16 Kg N, 16 Kg. P₂O₅, and 16 Kg K₂O per acre. Go for sowing in lines at 45 x 15 cm.

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: The crops are now approaching the maturity stage. Harvest the crops when siliqua turns into bright yellow colour and dry the harvested crop in the sun for 2-3 days before threshing.

Vegetables: 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: 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.

Potato: The main crop is ready for harvest within 75-85 days of planting. The crop is ready to harvest when majority of the leaves turn yellowish brown. Irrigation should be stopped 15 days before harvesting. Keep the harvested tubers in shed for 24 hours. All damaged and rotten tubers should be removed.

Onion: There are chances of purple blotch and Stemphylium blight disease incidence in onion crop. To manage purple blotch and Stemphylium 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.

Cucurbits: Late Blight may happen due to rising day temperature. 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. There are chances of infestation of Downy Mildew disease in cucurbit vegetables. To manage this disease in cucurbits spray Copper Hydroxide 77 % WP 12 @ 3-gram/litre or Carbendazim 12 % + Mancozeb 63 % WP @ 2-gram/litre.

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. 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. Apply irrigation 15 days interval around mango trees which are at flowering stage; to prevent flower drop due to the attack of fruit flies, at initial stage install 6 Methyl Eugenol plywood traps per acre. Three weeks before harvest, spray Decamethrin 2.8EC @ 0.5 ml/l + Azadiractin (0.3%) 2ml/l and take up timely harvest.

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)



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



Debasish Jena

SMS (Agrometeorology)

Contact No-9861445080/7008453427



GRAMIN KRISHI MAUSAM SEWA
INDIA METEOROLOGICAL DEPARTMENT
DISTRICT AGROMET UNIT
KRISHI VIGYAN KENDRA CUTTACK
(A Unit of ICAR-National Rice Research Institute)
Email: kvkcuttack@gmail.com



Bulletin No.-179
Date- 26/03/2021

AGROMET ADVISORY BULLETIN FOR TANGI-CHOUDWAR
District Past week weather condition and Block past Rainfall condition

The block received 0 mm and district received 0 mm rainfall during the last week. The mean daily maximum and minimum temperature was 39°C and 23°C, respectively. Mean relative humidity of the district was around 68-41%.

Forecasted period: Today (8.30IST) to 31st March (8.30IST) 2021

Weather advisory: Light rainfall/Thundershower is forecasted for tomorrow and dry weather is forecasted for other 4 days in the block. The day temperature will be 26-28°C for upcoming 5 days. Maximum and minimum relative humidity will be 81-88% and 29-49% respectively. There will be mainly clear to mainly cloudy sky for next 5 days.

Block	Tangi-Choudwar (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	27/03/2021	28/03/2021	29/03/2021	30/03/2021	31/03/2021
Rainfall(mm)	0	6	0	0	0
T-Max(°C)	38	37	36	38	36
T-Min(°C)	26	26	27	28	28
Cloud Cover(octa)	0	0	0	0	0
RH Max (%)	84	88	81	84	83
RH Min (%)	29	30	36	39	49
Wind Speed (Kmph)	15	18	27	29	34
Wind Direction (deg)	193	201	207	203	207

Agromet Advisory

General advisory: March is the ideal time for sowing of cowpea, okra, cluster bean, pumpkin, cucumber and watermelon. Carry out transplanting of vegetables in afternoon hours to avoid high temperatures. Cover the vegetable beds with white polythene mulch to avoid high temperature. Harvest matured mustard, potato, cucurbits and other vegetables before thundershower and keep it in safer places.

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. 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.

Summer Maize: Complete maize sowing by this week. Late sowing afterwards may reduce the yield due to high temperature during April and May. Grow composite varieties like Dhabal and Navjot and Hybrids like Decca, Ganga, Deccan 105, Kargil 900-M, PRO 345, Kargil 633, etc. Use 6 kg seeds per acre. Treat the seeds with 1.5 g Carbenidazim or 3 g Thiram per kg seed. Apply 4 to 5 q lime per acre 15 days before sowing. 10 Kg of 1.5% Chloropyriphos dust should be applied to avoid white ant attack. Apply 16 Kg N, 16 Kg P₂O₅, and 16 Kg K₂O per acre. Go for sowing in lines at 45 x 15 cm.

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: The crops are now approaching the maturity stage. Harvest the crops when siliqua turns into bright yellow colour and dry the harvested crop in the sun for 2-3 days before threshing.

Vegetables: 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: 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.

Potato: The main crop is ready for harvest within 75-85 days of planting. The crop is ready to harvest when majority of the leaves turn yellowish brown. Irrigation should be stopped 15 days before harvesting. Keep the harvested tubers in shed for 24 hours. All damaged and rotten tubers should be removed.

Onion: There are chances of purple blotch and Stemphylium blight disease incidence in onion crop. To manage purple blotch and Stemphylium 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.

Cucurbits: Late blight may happen due to rising day temperature. 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. There are chances of infestation of Downy Mildew disease in cucurbit vegetables. To manage this disease in cucurbits spray Copper Hydroxide 77 % WP 12 @ 3-gram/litre or Carbenidazim 12 % + Mancozeb 63 % WP @ 2-gram/litre.

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. 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. Apply irrigation 15 days interval around mango trees which are at flowering stage; to prevent flower drop due to the attack of fruit flies, at initial stage install 6 Methyl Eugenol plywood traps per acre. Three weeks before harvest, spray Decamethrin 2.8EC @ 0.5 ml/l + Azadiractin (0.3%) 2ml/l and take up timely harvest.

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)



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



Debasish Jena

SMS (Agrometeorology)

Contact No-9861445080/7008453427



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

Email: kvkcuttack@gmail.com



Bulletin No.-179
Date- 26/03/2021

AGROMET ADVISORY BULLETIN FOR TIGIRIA

District Past week weather condition and Block past Rainfall condition

The block received 0 mm and district received 0mm rainfall during the last week. The mean daily maximum and minimum temperature was 39°C and 23°C, respectively. Mean relative humidity of the district was around 68-41%.

Forecasted period: Today(8.30IST) to 31stMarch (8.30IST)2021

Weather advisory: Light rainfall/Thundershower is forecasted for tomorrow and very light rainfall is forecasted for Sunday and dry weather is forecasted for other 3 days in the block. The day temperature will be 23-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 74-91% and 04-11% respectively. There will be mainly clear to mainly cloudy sky for next 5 days. **Heat wave condition likely to occur at one or two places over Cuttack district on today and tomorrow.**

Block	Tigiria (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	27/03/2021	28/03/2021	29/03/2021	30/03/2021	31/03/2021
Rainfall(mm)	0	6	3	0	0
T-Max(°C)	37	37	38	40	41
T-Min(°C)	24	23	25	25	26
Cloud Cover(octa)	1	1	1	0	0
RH Max (%)	81	74	91	84	80
RH Min (%)	11	11	10	5	4
Wind Speed (Kmph)	9	10	15	12	13
Wind Direction (deg)	158	203	199	203	210

Agromet Advisory

General advisory: March is the ideal time for sowing of cowpea, okra, cluster bean, pumpkin, cucumber and watermelon. Carry out transplanting of vegetables in afternoon hours to avoid high temperatures. Cover the vegetable beds with white polythene mulch to avoid high temperature. **Harvest matured mustard, potato, cucurbits and other vegetables before thundershower and keep it in safer places.**

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.** 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.

Summer Maize: Complete maize sowing by this week. Late sowing afterwards may reduce the yield due to high temperature during April and May. Grow composite varieties like Dhabal and Navjot and Hybrids like Decca, Ganga, Deccan 105, Kargil 900-M, PRO 345, Kargil 633, etc. Use 6 kg seeds per acre. Treat the seeds with 1.5 g Carbendazim or 3 g Thiram per kg seed. Apply 4 to 5 q lime per acre 15 days before sowing. 10 Kg of 1.5% Chloropyriphos dust should be applied to avoid white ant attack. Apply 16 Kg N, 16 Kg P₂O₅, and 16 Kg K₂O per acre. Go for sowing in lines at 45 x 15 cm.

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: The crops are now approaching the maturity stage. Harvest the crops when siliqua turns into bright yellow colour and dry the harvested crop in the sun for 2-3 days before threshing.

Vegetables: 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: 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.

Potato: The main crop is ready for harvest within 75-85 days of planting. The crop is ready to harvest when majority of the leaves turn yellowish brown. Irrigation should be stopped 15 days before harvesting. Keep the harvested tubers in shed for 24 hours. All damaged and rotten tubers should be removed.

Onion: There are chances of purple blotch and Stemphylium blight disease incidence in onion crop. To manage purple blotch and Stemphylium 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.

Cucurbits: Late Blight may happen due to rising day temperature. **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. There are chances of infestation of Downy Mildew disease in cucurbit vegetables. To manage this disease in cucurbits spray Copper Hydroxide 77 % WP 12 @ 3-gram/litre or Carbendazim 12 % + Mancozeb 63 % WP @ 2-gram/litre.

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. 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. Apply irrigation 15 days interval around mango trees which are at flowering stage; to prevent flower drop due to the attack of fruit flies, at initial stage install 6 Methyl Eugenol plywood traps per acre. Three weeks before harvest, spray Decamethrin 2.8EC @ 0.5 ml/l + Azadiractin (0.3%) 2ml/l and take up timely harvest.

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)



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



Debasish Jena

SMS (Agrometeorology)

Contact No-9861445080/7008453427

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


- 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	