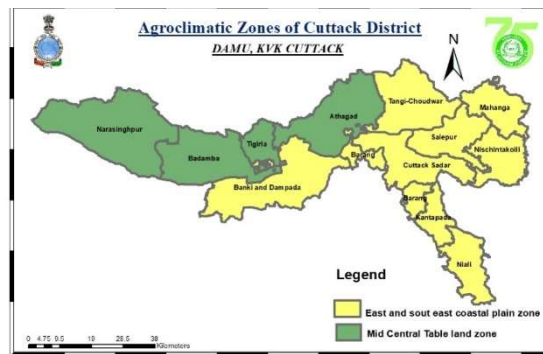
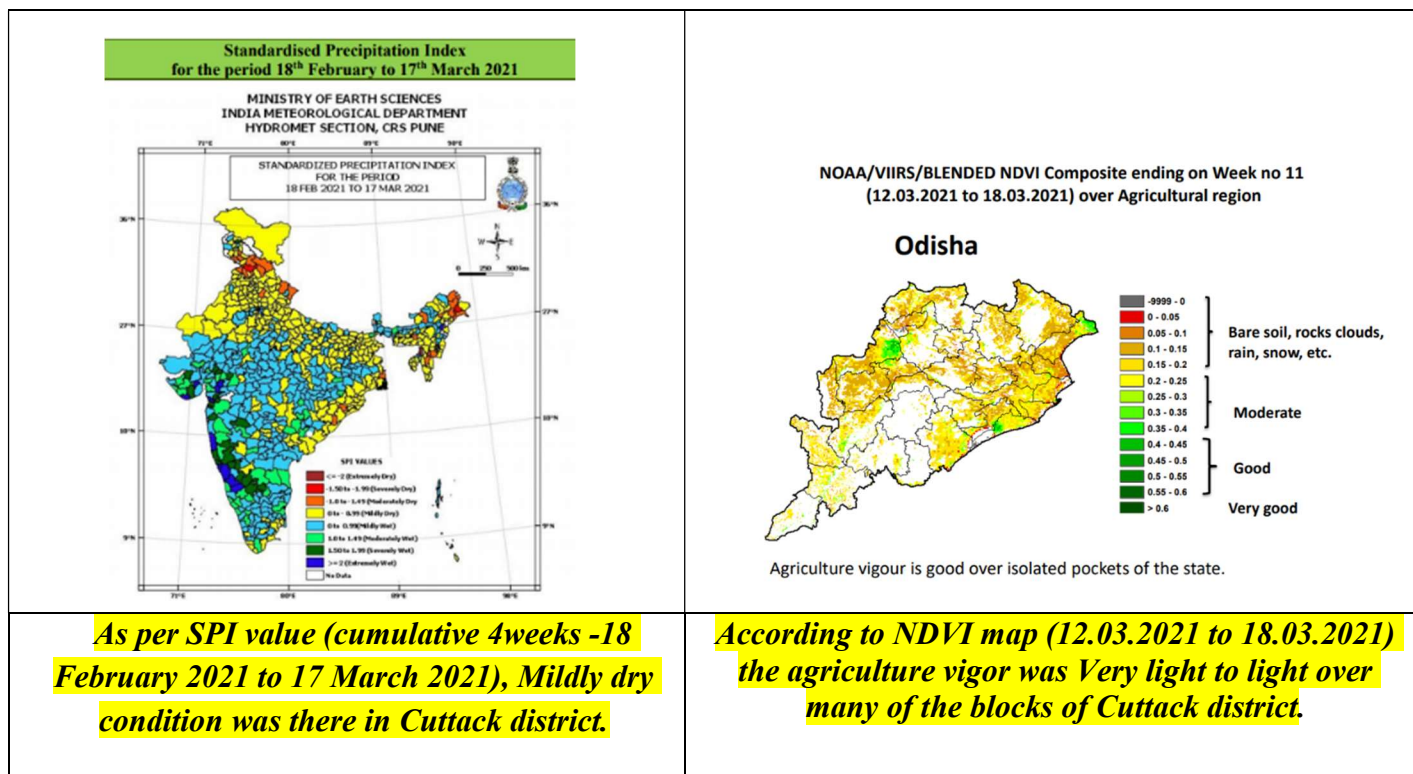


WISHING ALL FARMING COMMUNITY A HAPPY WORLD METEOROLOGICAL DAY

AGROCLIMATIC ZONES OF CUTTACK DISTRICT:

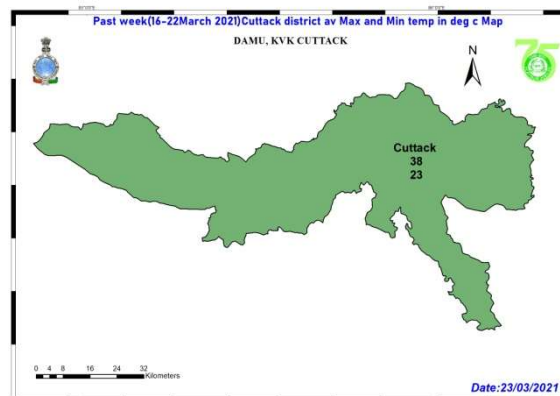
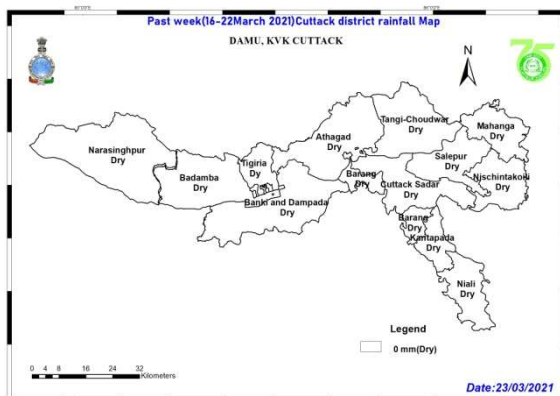


STANDARD PRECIPITATION INDEX AND NDVI MAP

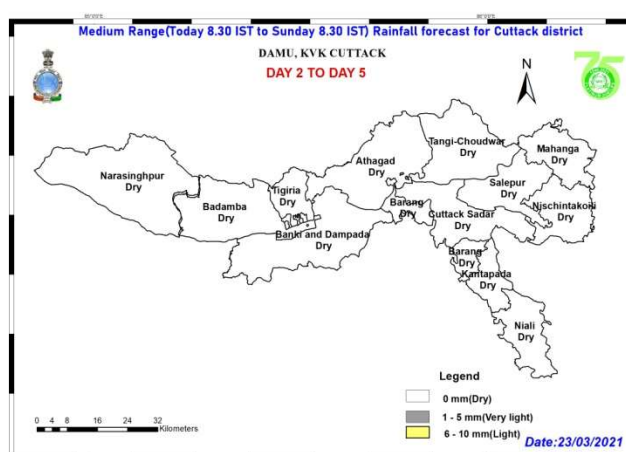
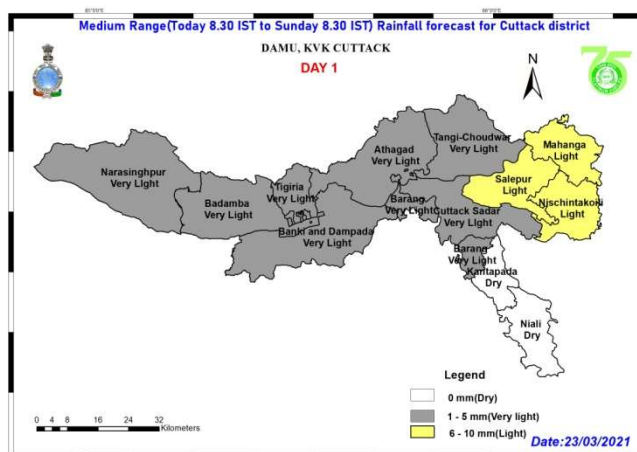


LEGEND (Medium range block level rainfall forecast)	
	No Rainfall
	Very light rainfall
	Light rainfall
	Light to moderate rainfall
	Moderate to heavy rainfall
	Heavy rainfall
	Very heavy rainfall
	Extremely heavy rainfall

Past week (16-22March 2021) Cuttack district Rainfall and Temperature map



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



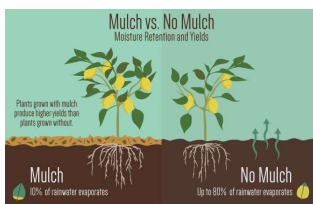
**Extended range outlook for subsequent 1 week (6th to 12th days)
(28thMarch to 03rd April 2021)**

Met Sub division	Departure (%)	Category
Odisha	-77.49	Below Normal











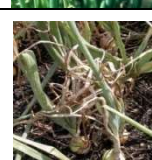


General Agromet Advisory:- As there was mild dry condition in last four weeks at Cuttack district and also there will be below normal rainfall in upcoming week (28th March-03rd April, 2021) in Odisha condition, so farmers are advised to continue their irrigation activities based upon soil moisture status.

General agromet advisory for forecasted hot weather condition in upcoming 5days in 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
				Stem Rot
3	Tomato	Flowering to Fruting		Bacterial Canker
				Sun burn
				Flower drop
				Bacterial wilt
4	Onion	Flowering		Purple blight
				Stemphyllium 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.-178
Date- 23/03/2021

				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.-178
Date- 23/03/2021

AGROMET ADVISORY BULLETIN FOR ATHAGAD

District Past week weather condition and Block past Rainfall condition

The block received 0 mm and district received 0mm rainfall during the last week. The mean daily maximum and minimum temperature was 38°C and 23°C, respectively. Mean relative humidity of the district was around 75-40%.

Forecasted period: Today(8.30IST) to 28thMarch (8.30IST)2021

Weather advisory: *Very light rainfall/Thundershower is forecasted for today and dry weather is forecasted for next 4 days in the block. The day temperature will likely to increase* and it will be 38-40°C and night temperature will be 25-28°C for upcoming 5 days. Maximum and minimum relative humidity will be 39-92% and 08-11% respectively. There will be mainly clear to mainly cloudy sky for next 5 days.

Block	Athagad (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	24/03/2021	25/03/2021	26/03/2021	27/03/2021	28/03/2021
Rainfall (mm)	2	0	0	0	0
T-Max (°C)	40	38	38	38	38
T-Min (°C)	25	28	25	25	25
Cloud Cover (octa)	2	4	5	1	0
RH Max (%)	66	39	57	92	90
RH Min (%)	11	10	9	8	9
Wind Speed (kmph)	10	12	10	9	10
Wind Direction (deg)	165	240	338	153	158

Agromet Advisory

General advisory: *Do irrigation in crop as well as vegetable fields as per soil moisture as there was mild dry condition prevailed in Cuttack district. 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.*

Pulses: November to December sown crop is at pod formation to seed development (nine to twelve week) stage. **Flowering and pod development stage is sensitive to moisture stress; carry out irrigation as per the status of soil moisture.** In case of YMV infestation uproots and destroys the infected plant and spray imidacloprid 50ml/acre mixing with 200 lit of water. For pod borer infestation, farmers are advised to keep keen watch over the crops and adopt integrated pest management practices like light trap, pheromone trap etc for initial control. 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 silique turns into bright yellow colour and dry the harvested crop in the sun for 2-3 days before threshing.

Vegetables:

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. **Bacterial wilt** may be reported in tomato field, to control it drenching with copper oxychloride @ 3g+ plantomycin @1 g/ litre of water.

Potato: The main crop is ready for harvest within 75-85 days of planting depending upon the soil type and variety sown in our climatic condition of Odisha. 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 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.-178
Date- 23/03/2021

AGROMET ADVISORY BULLETIN FOR BADAMBA

District Past week weather condition and Block past Rainfall condition

The block received 0 mm and district received 0mm rainfall during the last week. The mean daily maximum and minimum temperature was 38°C and 23°C, respectively. Mean relative humidity of the district was around 75-40%.

Forecasted period: Today(8.30IST) to 28th March (8.30IST)2021

Weather advisory: *Very light rainfall/Thundershower is forecasted for today and dry weather is forecasted for next 4 days in the block. The day temperature will likely to increase* and it will be 38-40°C and night temperature will be 24-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 31-81% and 08-10% respectively. There will be mainly clear to mainly cloudy sky for next 5 days.

Block	Badamba(VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	24/03/2021	25/03/2021	26/03/2021	27/03/2021	28/03/2021
Rainfall(mm)	2	0	0	0	0
T-Max(°C)	40	38	38	38	38
T-Min(°C)	25	27	25	24	24
Cloud Cover(octa)	2	3	5	0	0
RH Max (%)	52	31	42	80	81
RH Min (%)	10	10	9	8	9
Wind Speed (Kmph)	9	11	9	7	9
Wind Direction (deg)	198	285	326	158	169

Agromet Advisory

General advisory: *Do irrigation in crop as well as vegetable fields as per soil moisture as there was mild dry condition prevailed in Cuttack district. 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.*

Pulses: November to December sown crop is at pod formation to seed development (nine to twelve week) stage. **Flowering and pod development stage is sensitive to moisture stress; carry out irrigation as per the status of soil moisture.** In case of YMV infestation uproots and destroys the infected plant and spray imidacloprid 50ml/acre mixing with 200 lit of water. For pod borer infestation, farmers are advised to keep keen watch over the crops and adopt integrated pest management practices like light trap, pheromone trap etc for initial control. 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:

Tomato: Transplanted seedlings are at 6-8 week stage in main field. **Due to water stress, deficiency of boron or due to hormonal disbalance, flower drop occurs.** Control: Apply timely and required amount of irrigation. Spray Boron 20% 2 gram/lit during early flowering and 15 days later. Due to increase in temperature there may be chances of **bacterial canker and Sun burn** disease in tomato at fruiting stage. To control bacterial canker farmers should spray Copper oxychloride 50% WP @ 3 g + Plantomycin @ 1 g/litre of water. They should use shade net to protect the crop from sun burn. **Bacterial wilt** may be reported in tomato field, to control it drenching with copper oxychloride @ 3g+ plantomycin @1 g/ litre of water.

Potato: The main crop is ready for harvest within 75-85 days of planting depending upon the soil type and variety sown in our climatic condition of odisha. 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/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.-178
Date- 23/03/2021

AGROMET ADVISORY BULLETIN FORBANKI

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 38°C and 23°C, respectively. Mean relative humidity of the district was around 75-40%.

Forecasted period: Today(8.30IST) to 28th March (8.30IST)2021

Weather advisory: *Very light rainfall/Thundershower is forecasted for today and dry weather is forecasted for next 4 days in the block. The day temperature will likely to increase* and it will be 38-40°C and night temperature will be 25-28°C for upcoming 5 days. Maximum and minimum relative humidity will be 37-89% and 08-12% respectively. There will be mainly clear to mainly cloudy sky for next 5 days.

Block	Banki(VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	24/03/2021	25/03/2021	26/03/2021	27/03/2021	28/03/2021
Rainfall(mm)	1	0	0	0	0
T-Max(°C)	40	38	38	38	38
T-Min(°C)	25	28	25	25	25
Cloud Cover(octa)	2	4	6	0	0
RH Max (%)	61	37	53	89	87
RH Min (%)	12	11	9	8	10
Wind Speed (Kmph)	10	13	10	9	11
Wind Direction (deg)	165	207	158	158	169

Agromet Advisory

General advisory: *Do irrigation in crop as well as vegetable fields as per soil moisture as there was mild dry condition prevailed in Cuttack district. 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 polythine mulch to avoid high temperature.*

Pulses: November to December sown crop is at pod formation to seed development (nine to twelve week) stage. **Flowering and pod development stage is sensitive to moisture stress; carry out irrigation as per the status of soil moisture.** In case of YMV infestation uproots and destroys the infected plant and spray imidacloprid 50ml/acre mixing with 200 lit of water. For pod borer infestation, farmers are advised to keep keen watch over the crops and adopt integrated pest management practices like light trap, pheromone trap etc for initial control. 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 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:

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. **Bacterial wilt** may be reported in tomato field, to control it drenching with copper oxychloride @ 3g+ plantomycin @1 g/ litre of water.

Potato: The main crop is ready for harvest within 75-85 days of planting depending upon the soil type and variety sown in our climatic condition of odisha. 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 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/thaitoyle @ 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.-178
Date- 23/03/2021

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 38°C and 23°C, respectively. Mean relative humidity of the district was around 75-40%.

Forecasted period: Today(8.30IST) to 28th March (8.30IST)2021

Weather Advisory: *Very light rainfall/Thundershower is forecasted for today and dry weather is forecasted for next 4 days in the block. The day temperature will likely to increase* and it will 38-40°C and night temperature will be 25-28°C for upcoming 5 days. Maximum and minimum relative humidity will be 39-89% and 08-12% respectively. There will be mainly clear to mainly cloudy sky for next 5 days.

Block	Banki-Dampara (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	24/03/2021	25/03/2021	26/03/2021	27/03/2021	28/03/2021
Rainfall(mm)	1	0	0	0	0
T-Max(°C)	40	38	38	38	38
T-Min(°C)	25	28	25	25	25
Cloud Cover(octa)	2	4	6	0	0
RH Max (%)	62	39	54	89	87
RH Min (%)	12	11	9	8	10
Wind Speed (Kmph)	11	13	10	9	11
Wind Direction (deg)	165	214	248	158	169

Agromet Advisory

General advisory: Do irrigation in crop as well as vegetable fields as per soil moisture as there was mild dry condition prevailed in Cuttack district. 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.

Pulses: November to December sown crop is at pod formation to seed development (nine to twelve week) stage. Flowering and pod development stage is sensitive to moisture stress; carry out irrigation as per the status of soil moisture. In case of YMV infestation uproots and destroys the infected plant and spray imidacloprid 50ml/acre mixing with 200 lit of water. For pod borer infestation, farmers are advised to keep keen watch over the crops and adopt integrated pest management practices like light trap, pheromone trap etc for initial control. 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 silique turns into bright yellow colour and dry the harvested crop in the sun for 2-3 days before threshing.

Vegetables:

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. Bacterial wilt may be reported in tomato field, to control it drenching with copper oxychloride @ 3g+ plantomycin @1 g/ litre of water.

Potato: The main crop is ready for harvest within 75-85 days of planting depending upon the soil type and variety sown in our climatic condition of Odisha. 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 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.-178
Date- 23/03/2021

AGROMET ADVISORY BULLETIN FOR BARANGA

District Past week weather condition and Block past Rainfall condition

The block received 0 mm and district received 0mm rainfall during the last week. The mean daily maximum and minimum temperature was 38°C and 23°C, respectively. Mean relative humidity of the district was around 75-40%.

Forecasted period: Today(8.30IST) to 28th March (8.30IST)2021

Weather advisory: *Very light rainfall/Thundershower is forecasted for today and dry weather is forecasted for next 4 days in the block. The day temperature will likely to increase* and it will be 38°C and night temperature will be 25-28°C for upcoming 5 days. Maximum and minimum relative humidity will be 50-94% and 08-14% 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	24/03/2021	25/03/2021	26/03/2021	27/03/2021	28/03/2021
Rainfall(mm)	2	0	0	0	0
T-Max(°C)	38	38	38	38	38
T-Min(°C)	25	28	25	25	26
Cloud Cover	1	4	6	1	0
RH Max (%)	75	50	69	94	93
RH Min (%)	14	12	8	10	12
Wind Speed (Kmph)	12	13	10	10	13
Wind Direction (deg)	198	214	207	191	199

Agromet Advisory

General advisory: *Do irrigation in crop as well as vegetable fields as per soil moisture as there was mild dry condition prevailed in Cuttack district. 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.*

Pulses: November to December sown crop is at pod formation to seed development (nine to twelve week) stage. **Flowering and pod development stage is sensitive to moisture stress; carry out irrigation as per the status of soil moisture.** In case of YMV infestation uproots and destroys the infected plant and spray imidacloprid 50ml/acre mixing with 200 lit of water. For pod borer infestation, farmers are advised to keep keen watch over the crops and adopt integrated pest management practices like light trap, pheromone trap etc for initial control. 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:

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. **Bacterial wilt** may be reported in tomato field, to control it drenching with copper oxychloride @ 3g+ plantomycin @1 g/ litre of water.

Potato: The main crop is ready for harvest within 75-85 days of planting depending upon the soil type and variety sown in our climatic condition of Odisha. 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 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.-178
Date- 23/03/2021

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

The block received 0 mm and district received 0mm rainfall during the last week. The mean daily maximum and minimum temperature was 38°C and 23°C, respectively. Mean relative humidity of the district was around 75-40%.

Forecasted period: Today(8.30IST) to 28th March (8.30IST)2021

Weather advisory: Very light rainfall/Thundershower is forecasted for today and dry weather is forecasted for next 4 days in the block. The day temperature will likely to increase and it will be 37-39°C and night temperature will be 25-28°C for upcoming 5 days. Maximum and minimum relative humidity will be 45-94% and 08-13% 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	24/03/2021	25/03/2021	26/03/2021	27/03/2021	28/03/2021
Rainfall(mm)	2	0	0	0	0
T-Max(°C)	39	37	38	37	38
T-Min(°C)	26	28	25	25	26
Cloud Cover(octa)	2	4	6	1	0
RH Max (%)	74	45	67	94	93
RH Min (%)	13	11	8	10	11
Wind Speed (Kmph)	11	13	10	10	11
Wind Direction (deg)	203	214	270	158	198

Agromet Advisory

General advisory: Do irrigation in crop as well as vegetable fields as per soil moisture as there was mild dry condition prevailed in Cuttack district. 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.

Pulses: November to December sown crop is at pod formation to seed development (nine to twelve week) stage. Flowering and pod development stage is sensitive to moisture stress; carry out irrigation as per the status of soil moisture. In case of YMV infestation uproots and destroys the infected plant and spray imidacloprid 50ml/acre mixing with 200 lit of water. For pod borer infestation, farmers are advised to keep keen watch over the crops and adopt integrated pest management practices like light trap, pheromone trap etc for initial control. 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:

Tomato: Transplanted seedlings are at 6-8 week stage in main field. Due to water stress, deficiency of boron or due to hormonal disbalance, flower drop occurs. Control: Apply timely and required amount of irrigation. Spray Boron 20% 2 gram/lit during early flowering and 15 days later. Due to increase in temperature there may be chances of bacterial canker and Sun burn disease in tomato at fruiting stage. To control bacterial canker farmers should spray Copper oxychloride 50% WP @ 3 g + Plantomycin @ 1 g/litre of water. They should use shade net to protect the crop from sun burn. Bacterial wilt may be reported in tomato field, to control it drenching with copper oxychloride @ 3g+ plantomycin @1 g/ litre of water.

Potato: The main crop is ready for harvest within 75-85 days of planting depending upon the soil type and variety sown in our climatic condition of Odisha. 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 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.-178
Date- 23/03/2021

AGROMET ADVISORY BULLETIN FOR KANTAPADA

District Past week weather condition and Block past Rainfall condition

The block received 0 mm and district received 0mm rainfall during the last week. The mean daily maximum and minimum temperature was 38°C and 23°C, respectively. Mean relative humidity of the district was around 75-40%.

Forecasted period: Today(8.30IST) to 28th March (8.30IST)2021

Weather advisory: Dry weather is forecasted for today to Saturday in the block. The day temperature will likely to increase and it will be 37-39°C and night temperature will be 25-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 55-94% and 11-18% 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	24/03/2021	25/03/2021	26/03/2021	27/03/2021	28/03/2021
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	37	38	38	39	37
T-Min(°C)	25	27	25	26	26
Cloud Cover(octa)	1	2	6	1	0
RH Max (%)	78	55	74	94	93
RH Min (%)	18	14	11	14	18
Wind Speed (Kmph)	13	14	10	10	16
Wind Direction (deg)	198	216	206	203	198

Agromet Advisory

General advisory: Do irrigation in crop as well as vegetable fields as per soil moisture as there was mild dry condition prevailed in Cuttack district. 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.

Pulses: November to December sown crop is at pod formation to seed development (nine to twelve week) stage. Flowering and pod development stage is sensitive to moisture stress; carry out irrigation as per the status of soil moisture. In case of YMV infestation uproots and destroys the infected plant and spray imidacloprid 50ml/acre mixing with 200 lit of water. For pod borer infestation, farmers are advised to keep keen watch over the crops and adopt integrated pest management practices like light trap, pheromone trap etc for initial control. 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 silique turns into bright yellow colour and dry the harvested crop in the sun for 2-3 days before threshing.

Vegetables:

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. Bacterial wilt may be reported in tomato field, to control it drenching with copper oxychloride @ 3g+ plantomycin @1 g/ litre of water.

Potato: The main crop is ready for harvest within 75-85 days of planting depending upon the soil type and variety sown in our climatic condition of Odisha. 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/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.-178
Date- 23/03/2021

AGROMET ADVISORY BULLETIN FOR MAHANGA

District Past week weather condition and Block past Rainfall condition

The block received 0 mm and district received 0mm rainfall during the last week. The mean daily maximum and minimum temperature was 38°C and 23°C, respectively. Mean relative humidity of the district was around 75-40%.

Forecasted period: Today(8.30IST) to 28th March (8.30IST)2021

Weather advisory: Very light to light rainfall/Thundershower is forecasted for today and dry weather is forecasted for next 4 days in the block. The day temperature will likely to increase and it will be 37-39°C and night temperature will be 25-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 52-95% and 09-16% 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	24/03/2021	25/03/2021	26/03/2021	27/03/2021	28/03/2021
Rainfall(mm)	6	0	0	0	0
T-Max(°C)	38	38	39	37	38
T-Min(°C)	25	27	25	25	25
Cloud Cover(octal)	1	3	6	1	0
RH Max (%)	74	52	71	94	95
RH Min (%)	16	13	9	15	16
Wind Speed (Kmph)	12	14	10	10	13
Wind Direction (deg)	203	210	203	210	198

Agromet Advisory

General advisory: Do irrigation in crop as well as vegetable fields as per soil moisture as there was mild dry condition prevailed in Cuttack district. 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.

Pulses: November to December sown crop is at pod formation to seed development (nine to twelve week) stage. Flowering and pod development stage is sensitive to moisture stress; carry out irrigation as per the status of soil moisture. In case of YMV infestation uproots and destroys the infected plant and spray imidacloprid 50ml/acre mixing with 200 lit of water. For pod borer infestation, farmers are advised to keep keen watch over the crops and adopt integrated pest management practices like light trap, pheromone trap etc for initial control. 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 silique turns into bright yellow colour and dry the harvested crop in the sun for 2-3 days before threshing.

Vegetables:

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. Bacterial wilt may be reported in tomato field, to control it drenching with copper oxychloride @ 3g+ plantomycin @1 g/ litre of water.

Potato: The main crop is ready for harvest within 75-85 days of planting depending upon the soil type and variety sown in our climatic condition of Odisha. 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 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/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.-178
Date- 23/03/2021

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

The block received 0 mm and district received 0mm rainfall during the last week. The mean daily maximum and minimum temperature was 38°C and 23°C, respectively. Mean relative humidity of the district was around 75-40%.

Forecasted period: Today(8.30IST) to 28th March (8.30IST)2021

Weather advisory: Very light rainfall/Thundershower is forecasted for today and dry weather is forecasted for next 4 days in the block. The day temperature will likely to increase and it will be 37-42°C and night temperature will be 22-25°C for upcoming 5 days. Maximum and minimum relative humidity will be 30-75% and 08-10% respectively. There will be mainly clear to mainly cloudy sky for next 5 days.

Block	Narasinghpur (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	24/03/2021	25/03/2021	26/03/2021	27/03/2021	28/03/2021
Rainfall(mm)	3	0	0	0	0
T-Max(°C)	42	38	37	37	39
T-Min(°C)	25	25	24	22	23
Cloud Cover(/octa)	2	3	4	0	0
RH Max (%)	43	31	30	61	75
RH Min (%)	9	10	10	8	8
Wind Speed (Kmph)	6	9	9	7	6
Wind Direction (deg)	180	295	315	335	169

Agromet Advisory

General advisory: Do irrigation in crop as well as vegetable fields as per soil moisture as there was mild dry condition prevailed in Cuttack district. 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.

Pulses: November to December sown crop is at pod formation to seed development (nine to twelve week) stage. Flowering and pod development stage is sensitive to moisture stress; carry out irrigation as per the status of soil moisture. In case of YMV infestation uproots and destroys the infected plant and spray imidacloprid 50ml/acre mixing with 200 lit of water. For pod borer infestation, farmers are advised to keep keen watch over the crops and adopt integrated pest management practices like light trap, pheromone trap etc for initial control. 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 silique turns into bright yellow colour and dry the harvested crop in the sun for 2-3 days before threshing.

Vegetables:

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. Bacterial wilt may be reported in tomato field, to control it drenching with copper oxychloride @ 3g+ plantomycin @1 g/ litre of water.

Potato: The main crop is ready for harvest within 75-85 days of planting depending upon the soil type and variety sown in our climatic condition of Odisha. 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 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/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.-178
Date- 23/03/2021

AGROMET ADVISORY BULLETIN FOR NIALI

District Past week weather condition and Block past Rainfall condition

The block received 0 mm and district received 0mm rainfall during the last week. The mean daily maximum and minimum temperature was 38°C and 23°C, respectively. Mean relative humidity of the district was around 75-40%.

Forecasted period: Today(8.30IST) to 28th March (8.30IST)2021

Weather advisory: Dry weather is forecasted for today to Saturday in the block. The day temperature will likely to increase and it will be 37-38°C and night temperature will be 25-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 59-94% and 14-26% 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	24/03/2021	25/03/2021	26/03/2021	27/03/2021	28/03/2021
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	37	38	38	38	37
T-Min(°C)	25	27	25	25	26
Cloud Cover(octa)	0	2	6	1	0
RH Max (%)	80	59	79	94	92
RH Min (%)	20	17	14	18	26
Wind Speed(Kmph)	14	15	11	12	17
Wind Direction(deg)	198	208	205	191	198

Agromet Advisory

General advisory: Do irrigation in crop as well as vegetable fields as per soil moisture as there was mild dry condition prevailed in Cuttack district. 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.

Pulses: November to December sown crop is at pod formation to seed development (nine to twelve week) stage. Flowering and pod development stage is sensitive to moisture stress; carry out irrigation as per the status of soil moisture. In case of YMV infestation uproots and destroys the infected plant and spray imidacloprid 50ml/acre mixing with 200 lit of water. For pod borer infestation, farmers are advised to keep keen watch over the crops and adopt integrated pest management practices like light trap, pheromone trap etc for initial control. 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:

Tomato: Transplanted seedlings are at 6-8 week stage in main field. Due to water stress, deficiency of boron or due to hormonal disbalance, flower drop occurs. Control: Apply timely and required amount of irrigation. Spray Boron 20% 2 gram/lit during early flowering and 15 days later. Due to increase in temperature there may be chances of bacterial canker and Sun burn disease in tomato at fruiting stage. To control bacterial canker farmers should spray Copper oxychloride 50% WP @ 3 g + Plantomycin @ 1 g/litre of water. They should use shade net to protect the crop from sun burn. Bacterial wilt may be reported in tomato field, to control it drenching with copper oxychloride @ 3g+ plantomycin @1 g/ litre of water.

Potato: The main crop is ready for harvest within 75-85 days of planting depending upon the soil type and variety sown in our climatic condition of Odisha. 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/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.-178
Date- 23/03/2021

AGROMET ADVISORY BULLETIN FOR NISCHINTAKOILI

District Past week weather condition and Block past Rainfall condition

The block received 0 mm and district received 0mm rainfall during the last week. The mean daily maximum and minimum temperature was 38°C and 23°C, respectively. Mean relative humidity of the district was around 75-40%.

Forecasted period: Today(8.30IST) to 28th March (8.30IST)2021

Weather advisory: **Very Light to light rainfall /Thundershower is forecasted for today and dry weather is forecasted for next 4 days in the block.** **The day temperature will likely to increase** and it will be 37-38°C and night temperature will be 25-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 54-94% and 10-18% 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	24/03/2021	25/03/2021	26/03/2021	27/03/2021	28/03/2021
Rainfall(mm)	6	0	0	0	0
T-Max(°C)	38	38	38	37	37
T-Min(°C)	25	27	25	25	26
Cloud Cover(octa)	1	3	6	1	0
RH Max (%)	75	54	72	94	94
RH Min (%)	17	13	10	16	18
Wind Speed (Kmph)	13	14	10	10	14
Wind Direction (deg)	199	210	195	203	198

Agromet Advisory

General advisory: Do irrigation in crop as well as vegetable fields as per soil moisture as there was mild dry condition prevailed in Cuttack district. 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.

Pulses: November to December sown crop is at pod formation to seed development (nine to twelve week) stage. **Flowering and pod development stage is sensitive to moisture stress; carry out irrigation as per the status of soil moisture.** In case of YMV infestation uproots and destroys the infected plant and spray imidacloprid 50ml/acre mixing with 200 lit of water. For pod borer infestation, farmers are advised to keep keen watch over the crops and adopt integrated pest management practices like light trap, pheromone trap etc for initial control. 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:

Tomato: Transplanted seedlings are at 6-8 week stage in main field. **Due to water stress, deficiency of boron or due to hormonal disbalance, flower drop occurs.** Control: Apply timely and required amount of irrigation. Spray Boron 20% 2 gram/lit during early flowering and 15 days later. Due to increase in temperature there may be chances of **bacterial canker and Sun burn** disease in tomato at fruiting stage. To control bacterial canker farmers should spray Copper oxychloride 50% WP @ 3 g + Plantomycin @ 1 g/litre of water. They should use shade net to protect the crop from sun burn. **Bacterial wilt** may be reported in tomato field, to control it drenching with copper oxychloride @ 3g+ plantomycin @ 1 g/ litre of water.

Potato: The main crop is ready for harvest within 75-85 days of planting depending upon the soil type and variety sown in our climatic condition of Odisha. 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/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.-178
Date- 23/03/2021

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 38°C and 23°C, respectively. Mean relative humidity of the district was around 75-40%.

Forecasted period: Today(8.30IST) to 28th March (8.30IST)2021

Weatheradvisory: **Very Light to light rainfall /Thundershower is forecasted for today and dry weather is forecasted for next 4 days in the block. The day temperature will likely to increase** and it will be 37-38°C and night temperature will be 25-28°C for upcoming 5 days. Maximum and minimum relative humidity will be 53-94% and 09-16% 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	24/03/2021	25/03/2021	26/03/2021	27/03/2021	28/03/2021
Rainfall(mm)	6	0	0	0	0
T-Max(°C)	38	38	38	37	37
T-Min(°C)	26	28	25	25	26
Cloud Cover(octa)	1	3	6	1	0
RH Max (%)	75	53	71	94	94
RH Min (%)	16	13	9	14	16
Wind Speed (Kmph)	13	14	10	10	14
Wind Direction (deg)	199	210	203	203	199

Agromet Advisory

General advisory: Do irrigation in crop as well as vegetable fields as per soil moisture as there was mild dry condition prevailed in Cuttack district. 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.

Pulses: November to December sown crop is at pod formation to seed development (nine to twelve week) stage. **Flowering and pod development stage is sensitive to moisture stress; carry out irrigation as per the status of soil moisture.** In case of YMV infestation uproots and destroys the infected plant and spray imidacloprid 50ml/acre mixing with 200 lit of water. For pod borer infestation, farmers are advised to keep keen watch over the crops and adopt integrated pest management practices like light trap, pheromone trap etc for initial control. 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 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:

Tomato: Transplanted seedlings are at 6-8 week stage in main field. **Due to water stress, deficiency of boron or due to hormonal disbalance, flower drop occurs.** Control: Apply timely and required amount of irrigation. Spray Boron 20% 2 gram/lit during early flowering and 15 days later. Due to increase in temperature there may be chances of **bacterial canker and Sun burn** disease in tomato at fruiting stage. To control bacterial canker Farmers should spray Copper oxychloride 50% WP @ 3 g + Plantomycin @ 1 g/litre of water. They should use shade net to protect the crop from sun burn. **Bacterial wilt** may be reported in tomato field, to control it drenching with copper oxychloride @ 3g+ plantomycin @1 g/ litre of water.

Potato: The main crop is ready for harvest within 75-85 days of planting depending upon the soil type and variety sown in our climatic condition of Odisha. 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 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/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.-178
Date- 23/03/2021

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

The block received 0 mm and district received 0mm rainfall during the last week. The mean daily maximum and minimum temperature was 38°C and 23°C, respectively. Mean relative humidity of the district was around 75-40%.

Forecasted period: Today(8.30IST) to 28th March (8.30IST)2021

Weatheradvisory: *Very light rainfall/Thundershower is forecasted for today and dry weather is forecasted for next 4 days in the block.* The day temperature will be 37-40°C and night temperature will be 25-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 67-91% and 20-38% respectively. There will be mainly clear to mainly cloudy sky for next 5days.

Block	Tangi-Choudwar (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	24/03/2021	25/03/2021	26/03/2021	27/03/2021	28/03/2021
Rainfall(mm)	2	0	0	0	0
T-Max(°C)	38	39	40	37	37
T-Min(°C)	26	26	25	25	26
Cloud Cover(octa)	0	1	7	2	0
RH Max (%)	78	67	79	91	91
RH Min (%)	30	25	20	36	38
Wind Speed (Kmph)	17	18	13	15	18
Wind Direction (deg)	225	212	206	180	198

Agromet Advisory

General advisory: *Do irrigation in crop as well as vegetable fields as per soil moisture as there was mild dry condition prevailed in Cuttack district. 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.*

Pulses: November to December sown crop is at pod formation to seed development (nine to twelve week) stage. **Flowering and pod development stage is sensitive to moisture stress; carry out irrigation as per the status of soil moisture.** In case of YMV infestation uproots and destroys the infected plant and spray imidacloprid 50ml/acre mixing with 200 lit of water. For pod borer infestation, farmers are advised to keep keen watch over the crops and adopt integrated pest management practices like light trap, pheromone trap etc for initial control. 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:

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. **Bacterial wilt** may be reported in tomato field, to control it drenching with copper oxychloride @ 3g+ plantomycin @ 1 g/ litre of water.

Potato: The main crop is ready for harvest within 75-85 days of planting depending upon the soil type and variety sown in our climatic condition of odisha. 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 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/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.-178
Date- 23/03/2021

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 38°C and 23°C, respectively. Mean relative humidity of the district was around 75-40%.

Forecasted period: Today(8.30IST) to 28th March (8.30IST)2021

Weatheradvisory: *Very light rainfall/Thundershower is forecasted for today and dry weather is forecasted for next 4 days in the block.* The day temperature will be 38-40°C and night temperature will be 24-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 34-88% and 08-10% respectively. There will be mainly clear to mainly cloudy sky for next 5days.

Block	Tigiria(VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	24/03/2021	25/03/2021	26/03/2021	27/03/2021	28/03/2021
Rainfall(mm)	2	0	0	0	0
T-Max(°C)	40	38	38	38	38
T-Min(°C)	25	27	25	24	25
Cloud Cover(octa)	2	3	5	0	0
RH Max (%)	59	34	49	88	87
RH Min (%)	10	10	9	8	9
Wind Speed (Kmph)	9	12	10	8	9
Wind Direction (deg)	180	270	338	153	158

Agromet Advisory

General advisory: *Do irrigation in crop as well as vegetable fields as per soil moisture as there was mild dry condition prevailed in Cuttack district. 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 polythine mulch to avoid high temperature.*

Pulses: November to December sown crop is at pod formation to seed development (nine to twelve week) stage. **Flowering and pod development stage is sensitive to moisture stress; carry out irrigation as per the status of soil moisture.** In case of YMV infestation uproots and destroys the infected plant and spray imidacloprid 50ml/acre mixing with 200 lit of water. For pod borer infestation, farmers are advised to keep keen watch over the crops and adopt integrated pest management practices like light trap, pheromone trap etc for initial control. 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 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:

Tomato: Transplanted seedlings are at 6-8 week stage in main field. **Due to water stress, deficiency of boron or due to hormonal disbalance, flower drop occurs.** Control: Apply timely and required amount of irrigation. Spray Boron 20% 2 gram/lit during early flowering and 15 days later. Due to increase in temperature there may be chances of **bacterial canker and Sun burn** disease in tomato at fruiting stage. To control bacterial canker Farmers should spray Copper oxychloride 50% WP @ 3 g + Plantomycin @ 1 g/litre of water. They should use shade net to protect the crop from sun burn. **Bacterial wilt** may be reported in tomato field, to control it drenching with copper oxychloride @ 3g+ plantomycin @1 g/ litre of water.

Potato: The main crop is ready for harvest within 75-85 days of planting depending upon the soil type and variety sown in our climatic condition of odisha. 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 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/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.-178
 Date- 23/03/2021

			
MEGHDROOT 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	

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