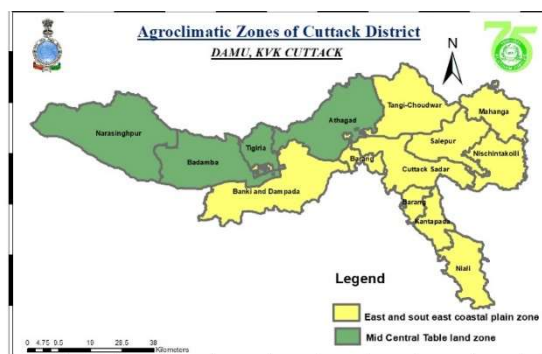
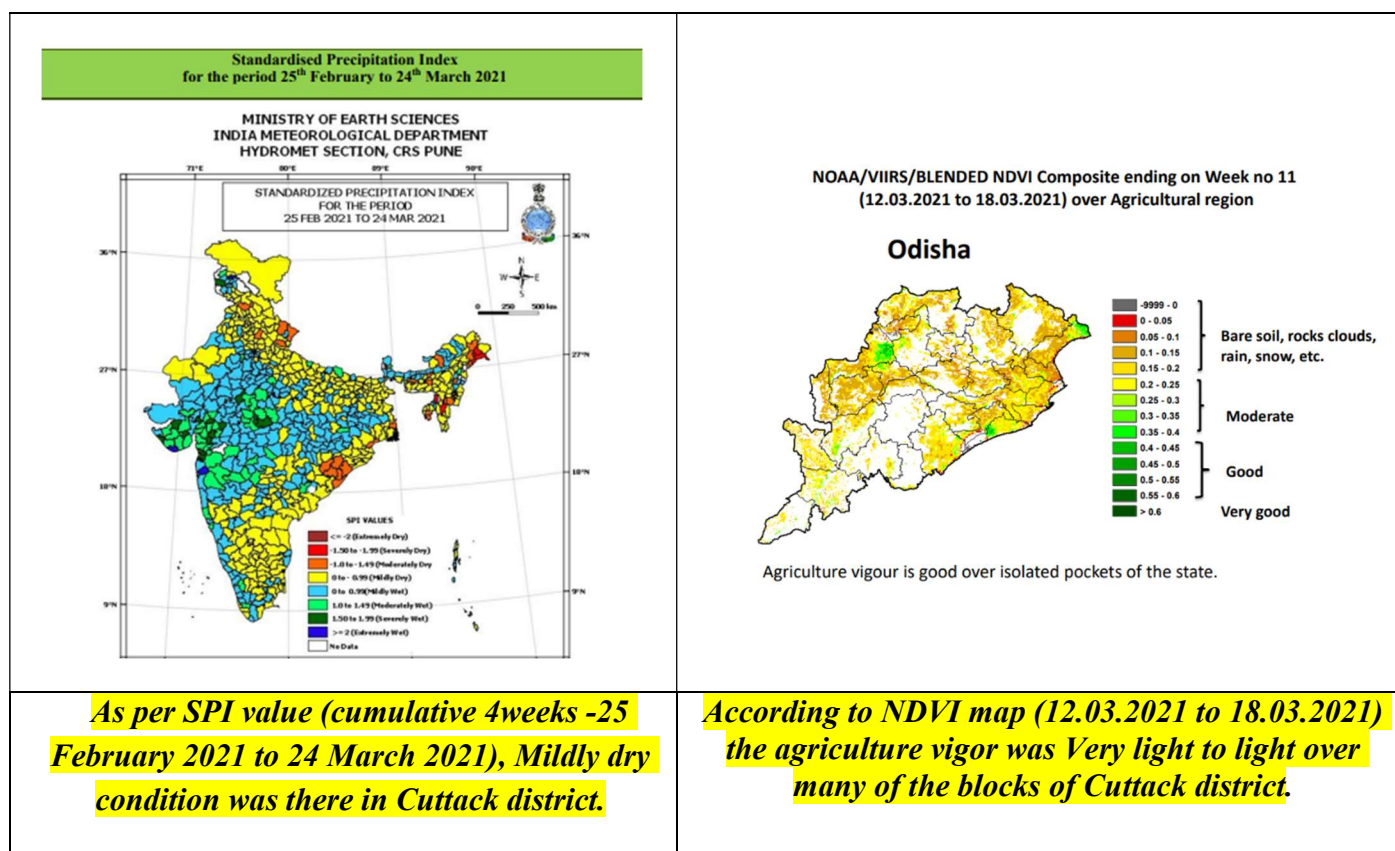


AGROCLIMATIC ZONES OF CUTTACK DISTRICT:

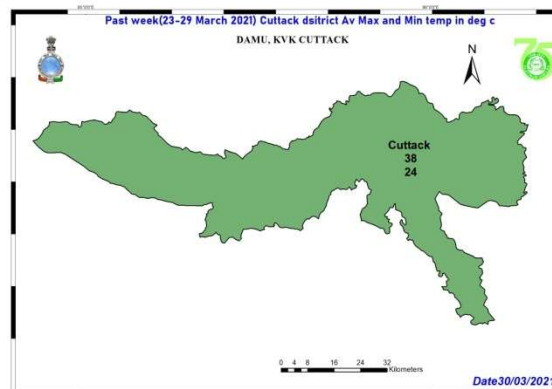
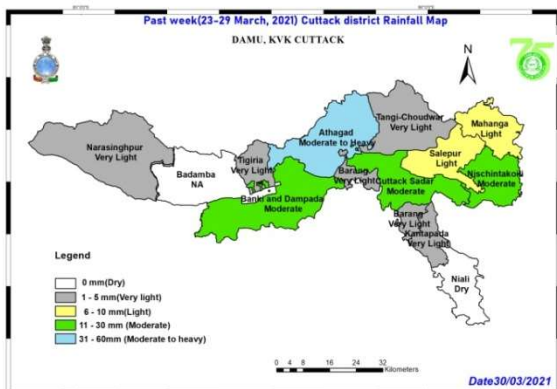


STANDARD PRECIPITATION INDEX AND NDVI MAP

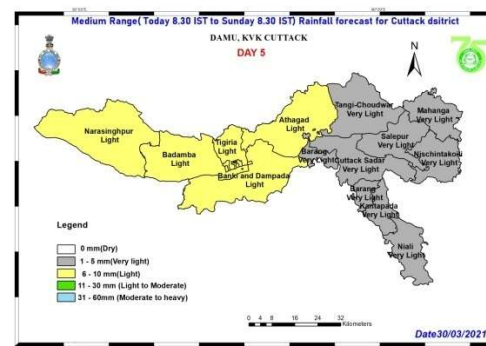
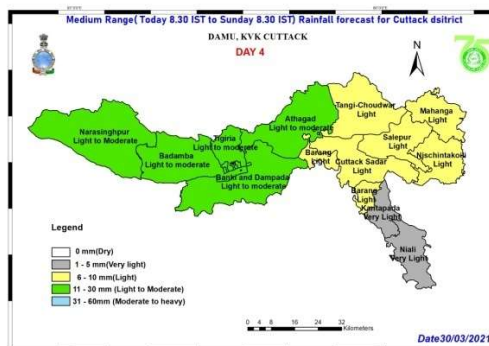
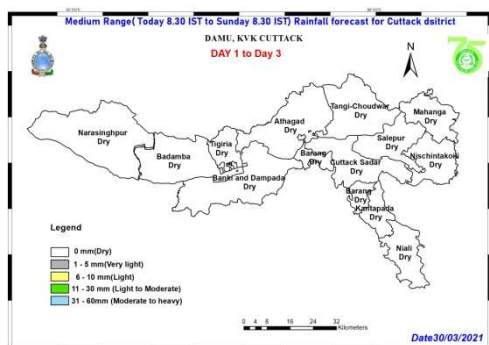


LEGEND (Medium range block level rainfall forecast)	
	No Rainfall
	Very light rainfall
	Light rainfall
	Light to moderate rainfall
	Moderate to heavy rainfall
	Heavy rainfall
	Very heavy rainfall
	Extremely heavy rainfall

Past week (23-29 March 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)

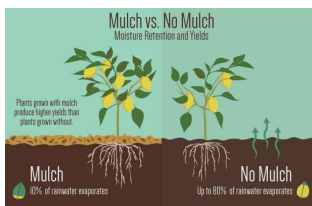
(04th April to 10th April 2021)

Met Sub division	Departure (%)	Category
Odisha	-86.94	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 subsequent week after 5 days (04th April to 10th April 2021) in Odisha condition, so farmers are advised to continue their irrigation activities based upon soil moisture status. They should stop irrigation activities in upcoming Friday to Saturday as light to moderate rainfall/thundershower is forecasted in Cuttack district.

General agromet advisory for forecasted Heat wave condition from Today to Thursday at one or two places of Cuttack district

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



Weather (Past and Forecasted) based Disease and pest in Major Crops and vegetables






Sl No	Crop	Stage and condition of the crop	Anticipated Disease and pest	
1	Pulses (Green gram and black gram)	Flowering to pod development		Pod borer
				Leaf blight
				Rust
				Wilting
2	Rabi Groundnut	Flowering to maturity		Spodotera/Tobacco caterpillar
				Red hairy caterpillar
				Collar rot
3	Brinjal	Fruiting		Fruit and shoot borer
				Phomopsis Blight
				Cercospora leaf spot
				Helicoverpa caterpillar



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.-180
Date- 30/03/2021

3	Tomato	Fruting		Bacterial wilt
4	Cucurbits	Flowering to Fruiting stage		Late blight
				Downy Mildew
5	Mango	Flowering to fruiting		Mango fruit drop
				Fruit fly

Dr Sujata Sethy
(Nodal officer)



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



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



Bulletin No.-180
Date- 30/03/2021

AGROMET ADVISORY BULLETIN FOR ATHAGAD

District Past week weather condition and Block past Rainfall condition

The block received 31 mm and district received 11 mm rainfall during the last week. The mean daily maximum and minimum temperature was 38°C and 24°C, respectively. Mean relative humidity of the district was around 71-53%.

Forecasted period: Today(8.30IST) to 05th April (8.30IST)2021

Weather advisory: **Light to moderate rainfall/Thundershower is forecasted for Friday and very light to light rainfall is forecasted for Saturday and dry weather is forecasted for other 3 days in the block.** The day temperature will be 37-41°C and night temperature will be 22-25°C for upcoming 5 days. Maximum and minimum relative humidity will be 57-98% and 01-09% respectively. There will be mainly clear to partly cloudy sky for next 5 days. **Heat wave condition likely to occur at one or two places over Cuttack district From Today to Thursday.**

Block	Athagad (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	31/03/2021	01/04/2021	02/04/2021	03/04/2021	04/04/2021
Rainfall (mm)	0	0	0	11	6
T-Max (°C)	41	41	40	39	37
T-Min (°C)	25	24	22	25	25
Cloud Cover (octa)	0	0	0	4	4
RH Max (%)	74	57	82	99	98
RH Min (%)	5	4	3	1	9
Wind Speed (kmph)	16	12	9	10	13
Wind Direction (deg)	203	270	300	60	180

Agromet Advisory

General advisory: As light to moderate rainfall was realized, it is the ideal time for sowing of cowpea, okra, cluster bean, pumpkin, cucumber and watermelon. Carry out transplanting of vegetables in afternoon hours to avoid high temperatures. Cover the vegetable beds with white polythene mulch to avoid high temperature. Harvest matured mustard, groundnut, potato, cucurbits and other vegetables before thundershower (Friday) and keep it in safer places. Farmers should stop irrigation, fertilizer and pesticide application during Friday and Saturday.

Pulses: November to December sown crop is at pod formation to seed development (nine to twelve week) stage. 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. **Bacterial leaf blight** are likely to increase in present situation in pulses due to realized rainfall; if observe, spray Streptomycin or Plantomycin @ 2 g/litre of water as foliar treatment. **Rust infestation** likely to occur in pulses, if observe spray Mancozeb 35.0%SC 3gram/ltr of water. If **wilting** will be observed after rainfall, then spray Carbendazim 2g/ltr of water to control.

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. 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. If **collar rot** will be observed then spray Carbendazim 2g/ltr of water to control. If crop is fully matured, harvest before thundershower.

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

Vegetables: Go for sowing of summer vegetables like ridge gourd, bottle gourd, bitter gourd, cucumber, cucurbita can be grown throughout the year. Grow the Improved varieties. Ridge gourd- Pusa Chikney, Bitter gourd- Mou sumi, Long green, Arka Harit, Nakhara, Bottle gourd-Pusa Summer, Prolific Round, Coimbatore 1, Coimbatore-2, Pusa Manjari and Pusa Meghdoot, Cucumber- Punerikhira, Green long and Chaitali, Cucurbita-Arka Suryamukhi, Arka Chandan, Basumati, Hybrid Vars. Can be grown. Ridge gourd- Surekha, Rohini, NRG-7 Gourav, Bitter gourd-Hyb-49, Vivek, Shriya, White long, Green long, Bottle gourd-Pusa Meghdoot, Mulayam, Ganesh Gupta, New Swati, Harit and NBGH-2, Cucumber- Priya, Royal, Regal, Click, Lucky and Strike, Cucurbita-MPH-1

Brinjal: **FRUIT AND SHOOT BORER IN BRINJAL**-Spray Neem based pesticide 1500ppm@600ml/acre at initial stages. Later on go for alternate spray of Spinosad 45%SC@70ml/acre and Thiodicarb@250g/acre at 15 days interval. If **phomopsis blight** will occur in brinjal, then spray zineb 75%WP 2gram/litr of water. **Cercospora leaf spot** may be found after rainfall, if observe, then spray Carbendazim or zineb 75%WP 2gram/litr of water. If **helicoverpa infestation** will be found, spray Flunendiamide or indoxacarb 2ml/litr of water.

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

Cucurbits: **Late Blight** may happen due to rising day temperature. 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)



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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.-180
Date- 30/03/2021

AGROMET ADVISORY BULLETIN FOR BADAMBA

District Past week weather condition

The district received 11 mm rainfall during the last week. The mean daily maximum and minimum temperature was 38°C and 24°C, respectively. Mean relative humidity of the district was around 71-53%.

Forecasted period: Today(8.30IST) to 05th April (8.30IST)2021

Weather advisory: **Light to moderate rainfall/Thundershower is forecasted for Friday and very light to light rainfall is forecasted for Saturday and dry weather is forecasted for other 3 days in the block.** The day temperature will be 37-41°C and night temperature will be 21-24°C for upcoming 5 days. Maximum and minimum relative humidity will be 33-98% and 01-09% respectively. There will be mainly clear to partly cloudy sky for next 5 days. **Heat wave condition likely to occur at one or two places over Cuttack district From Today to Thursday.**

Block	Badamba (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	31/03/2021	01/04/2021	02/04/2021	03/04/2021	04/04/2021
Rainfall(mm)	0	0	0	12	6
T-Max(°C)	41	41	40	39	37
T-Min(°C)	24	23	21	22	23
Cloud Cover(octa)	0	0	0	4	4
RH Max (%)	61	33	49	98	96
RH Min (%)	5	4	3	1	9
Wind Speed (Kmph)	14	11	10	10	11
Wind Direction (deg)	214	287	315	60	180

Agromet Advisory

General advisory: As light to moderate rainfall was realized, it is the ideal time for sowing of cowpea, okra, cluster bean, pumpkin, cucumber and watermelon. Carry out transplanting of vegetables in afternoon hours to avoid high temperatures. Cover the vegetable beds with white polythene mulch to avoid high temperature. Harvest matured mustard, groundnut, potato, cucurbits and other vegetables before thundershower (Friday) and keep it in safer places. Farmers should stop irrigation, fertilizer and pesticide application during Friday and Saturday.

Pulses: November to December sown crop is at pod formation to seed development (nine to twelve week) stage. 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. **Bacterial leaf blight** are likely to increase in present situation in pulses due to realized rainfall; if observe, spray Streptomycin or Plantomycin @ 2 g/litre of water as foliar treatment. **Rust infestation** likely to occur in pulses, if observe spray Mancozeb 35.0%SC 3gram/ltr of water. If **wilting** will be observed after rainfall, then spray Carbendazim 2g/ltr of water to control.

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. 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. If **collar rot** will be observed then spray Carbendazim 2g/ltr of water to control. If crop is fully matured, harvest before thundershower.

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

Vegetables: Go for sowing of summer vegetables like ridge gourd, bottle gourd, bitter gourd, cucumber, cucurbita can be grown throughout the year. Grow the Improved varieties. Ridge gourd- Pusa Chikney, Bitter gourd- Mou sumi, Long green, Arka Harit, Nakhara, Bottle gourd-Pusa Summer, Prolific Round, Coimbatore 1, Coimbatore-2, Pusa Manjari and Pusa Meghdoot, Cucumber- Punerikhira, Green long and Chaitali, Cucurbita-Arka Suryamukhi, Arka Chandan, Basumati, Hybrid Vars. Can be grown. Ridge gourd- Surekha, Rohini, NRGs-7 Gourav, Bitter gourd-Hyb-49, Vivek, Shriya, White long, Green long, Bottle gourd-Pusa Meghdoot, Mulayam, Ganesh Gupta, New Swati, Harit and NBGH-2, Cucumber- Priya, Royal, Regal, Click, Lucky and Strike, Cucurbita-MPH-1

Brinjal: **FRUIT AND SHOOT BORER IN BRINJAL**-Spray Neem based pesticide 1500ppm@600ml/acre at initial stages. Later on go for alternate spray of Spinosad 45%SC@70ml/acre and Thiodicarb@250g/acre at 15 days interval. If **phomopsis blight** will occur in brinjal, then spray zineb 75%WP 2gram/litr of water. **Cercospora leaf spot** may be found after rainfall, if observe, then spray Carbendazim or zineb 75%WP 2gram/litr of water. If helicoverpa infestation will be found, spray Flunendiamide or indoxacarb 2ml/litr of water.

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

Cucurbits: **Late Blight** may happen due to rising day temperature. 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)



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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.-180
Date- 30/03/2021

AGROMET ADVISORY BULLETIN FORBANKI

District Past week weather condition and Block past Rainfall condition

The block received 17 mm and district received 11 mm rainfall during the last week. The mean daily maximum and minimum temperature was 38°C and 24°C, respectively. Mean relative humidity of the district was around 71-53%.

Forecasted period: Today(8.30IST) to 05th April (8.30IST)2021

Weather advisory: **Light to moderate rainfall/Thundershower is forecasted for Friday and very light to light rainfall is forecasted for Saturday and dry weather is forecasted for other 3 days in the block.** The day temperature will be 37-42°C and night temperature will be 22-25°C for upcoming 5 days. Maximum and minimum relative humidity will be 54-99% and 01-11% respectively. There will be mainly clear to partly cloudy sky for next 5 days. **Heat wave condition likely to occur at one or two places over Cuttack district From Today to Thursday.**

Block	Banki (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	31/03/2021	01/04/2021	02/04/2021	03/04/2021	04/04/2021
Rainfall(mm)	0	0	0	11	6
T-Max(°C)	40	42	41	40	37
T-Min(°C)	24	23	22	24	25
Cloud Cover(octa)	0	0	0	4	4
RH Max (%)	70	54	77	99	97
RH Min (%)	7	4	3	1	11
Wind Speed (Kmph)	16	12	10	9	13
Wind Direction (deg)	212	214	304	198	171

Agromet Advisory

General advisory: As light to moderate rainfall was realized, it 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. **Harvest matured mustard, groundnut, potato, cucurbits and other vegetables before thundershower (Friday) and keep it in safer places. Farmers should stop irrigation, fertilizer and pesticide application during Friday and Saturday.**

Pulses: November to December sown crop is at pod formation to seed development (nine to twelve week) stage. 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. **Bacterial leaf blight** are likely to increase in present situation in pulses due to realized rainfall; if observe, spray Streptomycin or Plantomycin @ 2 g/litre of water as foliar treatment. **Rust infestation** likely to occur in pulses, if observe spray Mancozeb 35.0%SC 3gram/ltr of water. If **wilting** will be observed after rainfall, then spray Carbendazim 2g/ltr of water to control.

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

Rabi-Groundnut: Do not disturb the soil after flower initiation in groundnut. Increase in temperature may enhance **red hairy caterpillar and tobacco caterpillar** infestation in groundnut; to control, spray Profenofos 50% EC @ 2 ml/litre of water or Flubendiamide 480 SC @ 0.2 ml/litre of water. If **collar rot** will be observed then spray Carbendazim 2g/ltr of water to control. If crop is fully matured, harvest before thundershower.

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

Vegetables: Go for sowing of summer vegetables like ridge gourd, bottle gourd, bitter gourd, cucumber, cucurbita can be grown throughout the year. Grow the Improved varieties. Ridge gourd- Pusa Chikney, Bitter gourd- Mou sumi, Long green, Arka Harit, Nakhara, Bottle gourd-Pusa Summer, Prolific Round, Coimbatore 1, Coimbatore-2, Pusa Manjari and Pusa Meghdoot, Cucumber- Punerikhira, Green long and Chaitali, Cucurbita-Arka Suryamukhi, Arka Chandan, Basumati, Hybrid Vars. Can be grown. Ridge gourd- Surekha, Rohini, NRG-7 Gourav, Bitter gourd-Hyb-49, Vivek, Shriya, White long, Green long, Bottle gourd-Pusa Meghdoot, Mulayam, Ganesh Gupta, New Swati, Harit and NBGH-2, Cucumber- Priya, Royal, Regal, Click, Lucky and Strike, Cucurbita-MPH-1

Brinjal: **FRUIT AND SHOOT BORER IN BRINJAL**-Spray Neem based pesticide 1500ppm@600ml/acre at initial stages. Later on go for alternate spray of Spinosad 45%SC@70ml/acre and Thiodicarb@250g/acre at 15 days interval. If **phomopsis blight** will occur in brinjal, then spray zineb 75%WP 2gram/litr of water. **Cercospora leaf spot** may be found after rainfall, if observe, then spray Carbendazim or zineb 75%WP 2gram/litr of water. If helicoverpa infestation will be found, spray Flunendiamide or indoxacarb 2ml/litr of water.

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

Cucurbits: **Late Blight** may happen due to rising day temperature. 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)



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Debasish Jena

SMS (Agrometeorology)

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



Bulletin No.-180
Date- 30/03/2021

AGROMET ADVISORY BULLETIN FOR BANKI-DAMPARA

District Past week weather condition

The district received 11 mm rainfall during the last week. The mean daily maximum and minimum temperature was 38°C and 24°C, respectively. Mean relative humidity of the district was around 71-53%.

Forecasted period: Today(8.30IST) to 05th April (8.30IST)2021

Weather Advisory: **Light to moderate rainfall/Thundershower is forecasted for Friday and very light to light rainfall is forecasted for Saturday and dry weather is forecasted for other 3 days in the block.** The day temperature will be 37-42°C and night temperature will be 22-25°C for upcoming 5 days. Maximum and minimum relative humidity will be 57-99% and 01-12% respectively. There will be mainly clear to partly cloudy sky for next 5 days. **Heat wave condition likely to occur at one or two places over Cuttack district From Today to Thursday.**

Block	Banki-Dampara (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	31/03/2021	01/04/2021	02/04/2021	03/04/2021	04/04/2021
Rainfall(mm)	0	0	0	11	6
T-Max(°C)	40	42	40	40	37
T-Min(°C)	24	23	22	24	25
Cloud Cover(octa)	0	0	0	4	4
RH Max (%)	71	57	81	99	97
RH Min (%)	7	4	3	1	12
Wind Speed (Kmph)	16	12	10	9	13
Wind Direction (deg)	212	214	304	203	171

Agromet Advisory

General advisory: As light to moderate rainfall was realized, it 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. Harvest matured mustard, groundnut, potato, cucurbits and other vegetables before thundershower (Friday) and keep it in safer places. Farmers should stop irrigation, fertilizer and pesticide application during Friday and Saturday.

Pulses: November to December sown crop is at pod formation to seed development (nine to twelve week) stage. 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. **Bacterial leaf blight** are likely to increase in present situation in pulses due to realized rainfall; if observe, spray Streptomycin or Plantomycin @ 2 g/litre of water as foliar treatment. **Rust infestation** likely to occur in pulses, if observe spray Mancozeb 35.0%SC 3gram/ltr of water. If **wilting** will be observed after rainfall, then spray Carbendazim 2g/ltr of water to control.

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. 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. If **collar rot** will be observed then spray Carbendazim 2g/ltr of water to control. If crop is fully matured, harvest before thundershower.

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

Vegetables: Go for sowing of summer vegetables like ridge gourd, bottle gourd, bitter gourd, cucumber, cucurbita can be grown throughout the year. Grow the Improved varieties. Ridge gourd- Pusa Chikney, Bitter gourd- Mou sumi, Long green, Arka Harit, Nakhara, Bottle gourd-Pusa Summer, Prolific Round, Coimbatore 1, Coimbatore-2, Pusa Manjari and Pusa Meghdoot, Cucumber- Punerikhira, Green long and Chaitali, Cucurbita-Arka Suryamukhi, Arka Chandan, Basumati, Hybrid Vars. Can be grown. Ridge gourd- Surekha, Rohini, NRGs-7 Gourav, Bitter gourd-Hyb-49, Vivek, Shriya, White long, Green long, Bottle gourd-Pusa Meghdoot, Mulayam, Ganesh Gupta, New Swati, Harit and NBGH-2, Cucumber- Priya, Royal, Regal, Click, Lucky and Strike, Cucurbita-MPH-1

Brinjal: **FRUIT AND SHOOT BORER IN BRINJAL**-Spray Neem based pesticide 1500ppm@600ml/acre at initial stages. Later on go for alternate spray of Spinosad 45%SC@70ml/acre and Thiodicarb@250g/acre at 15 days interval. If **phomopsis blight** will occur in brinjal, then spray zineb 75%WP 2gram/litr of water. **Cercospora leaf spot** may be found after rainfall, if observe, then spray Carbendazim or zineb 75%WP 2gram/litr of water. If helicoverpa infestation will be found, spray Flunendiamide or indoxacarb 2ml/litr of water.

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

Cucurbits: **Late Blight** may happen due to rising day temperature. 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)



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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.-180
Date- 30/03/2021

AGROMET ADVISORY BULLETIN FOR BARANGA

District Past week weather condition and Block past Rainfall condition

The block received 04mm and district received 11 mm rainfall during the last week. The mean daily maximum and minimum temperature was 38°C and 24°C, respectively. Mean relative humidity of the district was around 71-53%.

Forecasted period: Today(8.30IST) to 05th April (8.30IST)2021

Weather advisory: Light rainfall/Thundershower is forecasted for Friday and very light rainfall is forecasted for Saturday and dry weather is forecasted for other 3 days in the block. The day temperature will be 36-41°C and night temperature will be 23-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 77-99% and 02-17% respectively. There will be mainly clear to partly cloudy sky for next 5 days. **Heat wave condition likely to occur at one or two places over Cuttack district From Today to Thursday.**

Block	Baranga (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	31/03/2021	01/04/2021	02/04/2021	03/04/2021	04/04/2021
Rainfall(mm)	0	0	0	6	2
T-Max(°C)	40	41	39	37	36
T-Min(°C)	26	23	24	24	26
Cloud Cover	0	0	0	4	4
RH Max (%)	79	77	99	99	98
RH Min (%)	8	4	2	2	17
Wind Speed (Kmph)	21	16	11	11	15
Wind Direction (deg)	212	225	225	198	191

Agromet Advisory

General advisory: As very light rainfall was realized, it is the ideal time for sowing of cowpea, okra, cluster bean, pumpkin, cucumber and watermelon. Carry out transplanting of vegetables in afternoon hours to avoid high temperatures. Cover the vegetable beds with white polythene mulch to avoid high temperature. Harvest matured mustard, groundnut, potato, cucurbits and other vegetables before thundershower (Friday) and keep it in safer places. Farmers should stop irrigation, fertilizer and pesticide application during Friday and Saturday.

Pulses: November to December sown crop is at pod formation to seed development (nine to twelve week) stage. 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. Bacterial leaf blight are likely to increase in present situation in pulses due to realized rainfall; if observe, spray Streptomycin or Plantomycin @ 2 g/litre of water as foliar treatment. Rust infestation likely to occur in pulses, if observe spray Mancozeb 35.0%SC 3gram/ltr of water. If wilting will be observed after rainfall, then spray Carbendazim 2g/ltr of water to control.

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. Increase in temperature may enhance red hairy caterpillar and tobacco caterpillar infestation in groundnut; to control, spray Profenofos 50% EC @ 2 ml/litre of water or Flubendiamide 480 SC @ 0.2 ml/litre of water. If collar rot will be observed then spray Carbendazim 2g/ltr of water to control. If crop is fully matured, harvest before thundershower.

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

Vegetables: Go for sowing of summer vegetables like ridge gourd, bottle gourd, bitter gourd, cucumber, cucurbita can be grown throughout the year. Grow the Improved varieties. Ridge gourd- Pusa Chikney, Bitter gourd- Mou sumi, Long green, Arka Harit, Nakhara, Bottle gourd-Pusa Summer, Prolific Round, Coimbatore 1, Coimbatore-2, Pusa Manjari and Pusa Meghdoot, Cucumber- Punerikhira, Green long and Chaitali, Cucurbita-Arka Suryamukhi, Arka Chandan, Basumati, Hybrid Vars. Can be grown. Ridge gourd- Surekha, Rohini, NRG-7 Gourav, Bitter gourd-Hyb-49, Vivek, Shriya, White long, Green long, Bottle gourd-Pusa Meghdoot, Mulayam, Ganesh Gupta, New Swati, Harit and NBGH-2, Cucumber- Priya, Royal, Regal, Click, Lucky and Strike, Cucurbita-MPH-1

Brinjal: FRUIT AND SHOOT BORER IN BRINJAL-Spray Neem based pesticide 1500ppm@600ml/acre at initial stages. Later on go for alternate spray of Spinosad 45%SC@70ml/acre and Thiodicarb@250g/acre at 15 days interval. If phomopsis blight will occur in brinjal, then spray zineb 75%WP 2gram/litr of water. Cercospora leaf spot may be found after rainfall, if observe, then spray Carbendazim or zineb 75%WP 2gram/litr of water. If helicoverpa infestation will be found, spray Flunendiamide or indoxacarb 2ml/litr of water.

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

Cucurbits: Late Blight may happen due to rising day temperature. 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)



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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.-180
Date- 30/03/2021

AGROMET ADVISORY BULLETIN FOR CUTTACK SADAR

District Past week weather condition and Block past Rainfall condition

The block received 19 mm and district received 11 mm rainfall during the last week. The mean daily maximum and minimum temperature was 38°C and 24°C, respectively. Mean relative humidity of the district was around 71-53%.

Forecasted period: Today(8.30IST) to 05th April (8.30IST)2021

Weather advisory: **Light rainfall/Thundershower is forecasted for Friday and very light rainfall is forecasted for Saturday and dry weather is forecasted for other 3 days in the block.** The day temperature will be 36-40°C and night temperature will be 23-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 74-99% and 02-13% respectively. There will be mainly clear to partly cloudy sky for next 5 days. **Heat wave condition likely to occur at one or two places over Cuttack district From Today to Thursday.**

Block	Cuttack sadar (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	31/03/2021	01/04/2021	02/04/2021	03/04/2021	04/04/2021
Rainfall(mm)	0	0	0	6	1
T-Max(°C)	40	40	39	37	36
T-Min(°C)	25	23	23	25	26
Cloud Cover(octa)	0	0	0	4	4
RH Max (%)	79	74	96	99	98
RH Min (%)	5	3	2	2	13
Wind Speed (Kmph)	19	15	10	10	14
Wind Direction (deg)	208	225	214	198	193

Agromet Advisory

General advisory: As light to moderate rainfall was realized, it 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. **Harvest matured mustard, groundnut, potato, cucurbits and other vegetables before thundershower (Friday) and keep it in safer places. Farmers should stop irrigation, fertilizer and pesticide application during Friday and Saturday.**

Pulses: November to December sown crop is at pod formation to seed development (nine to twelve week) stage. 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. **Bacterial leaf blight** are likely to increase in present situation in pulses due to realized rainfall; if observe, spray Streptomycin or Plantomycin @ 2 g/litre of water as foliar treatment. **Rust infestation** likely to occur in pulses, if observe spray Mancozeb 35.0%SC 3gram/ltr of water. If **wilting** will be observed after rainfall, then spray Carbendazim 2g/ltr of water to control.

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

Rabi-Groundnut: Do not disturb the soil after flower initiation in groundnut. Increase in temperature may enhance **red hairy caterpillar and tobacco caterpillar** infestation in groundnut; to control, spray Profenofos 50% EC @ 2 ml/litre of water or Flubendiamide 480 SC @ 0.2 ml/litre of water. If **collar rot** will be observed then spray Carbendazim 2g/ltr of water to control. If crop is fully matured, harvest before thundershower.

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

Vegetables: Go for sowing of summer vegetables like ridge gourd, bottle gourd, bitter gourd, cucumber, cucurbita can be grown throughout the year. Grow the Improved varieties. Ridge gourd- Pusa Chikney, Bitter gourd- Mou sumi, Long green, Arka Harit, Nakhara, Bottle gourd-Pusa Summer, Prolific Round, Coimbatore 1, Coimbatore-2, Pusa Manjari and Pusa Meghdoot, Cucumber- Punerikhira, Green long and Chaitali, Cucurbita-Arka Suryamukhi, Arka Chandan, Basumati, Hybrid Vars. Can be grown. Ridge gourd- Surekha, Rohini, NRG-7 Gourav, Bitter gourd-Hyb-49, Vivek, Shriya, White long, Green long, Bottle gourd-Pusa Meghdoot, Mulayam, Ganesh Gupta, New Swati, Harit and NBGH-2, Cucumber- Priya, Royal, Regal, Click, Lucky and Strike, Cucurbita-MPH-1

Brinjal: **FRUIT AND SHOOT BORER IN BRINJAL**-Spray Neem based pesticide 1500ppm@600ml/acre at initial stages. Later on go for alternate spray of Spinosad 45%SC@70ml/acre and Thiodicarb@250g/acre at 15 days interval. If **phomopsis blight** will occur in brinjal, then spray zineb 75%WP 2gram/litr of water. **Cercospora leaf spot** may be found after rainfall, if observe, then spray Carbendazim or zineb 75%WP 2gram/litr of water. If helicoverpa infestation will be found, spray Flunendiamide or indoxacarb 2ml/litr of water.

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

Cucurbits: **Late Blight** may happen due to rising day temperature. 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)



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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.-180
Date- 30/03/2021

AGROMET ADVISORY BULLETIN FOR KANTAPADA

District Past week weather condition and Block past Rainfall condition

The block received 03 mm and district received 11 mm rainfall during the last week. The mean daily maximum and minimum temperature was 38°C and 24°C, respectively. Mean relative humidity of the district was around 71-53%.

Forecasted period: Today(8.30IST) to 05th April (8.30IST)2021

Weather advisory: Very light rainfall/Thundershower is forecasted for Friday and Saturday and dry weather is forecasted for other 3 days in the block. The day temperature will be 36-40°C and night temperature will be 24-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 76-99% and 05-24% respectively. There will be mainly clear to partly cloudy sky for next 5 days.

Block	Kantapada (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	31/03/2021	01/04/2021	02/04/2021	03/04/2021	04/04/2021
Rainfall(mm)	0	0	0	3	1
T-Max(°C)	39	40	39	37	36
T-Min(°C)	27	23	25	24	25
Cloud Cover(octa)	0	0	1	4	4
RH Max (%)	76	84	99	97	97
RH Min (%)	13	7	5	5	24
Wind Speed (Kmph)	24	18	12	12	16
Wind Direction (deg)	207	236	208	203	191

Agromet Advisory

General advisory: As very light rainfall was realized, it is the ideal time for sowing of cowpea, okra, cluster bean, pumpkin, cucumber and watermelon. Carry out transplanting of vegetables in afternoon hours to avoid high temperatures. Cover the vegetable beds with white polythene mulch to avoid high temperature. Harvest matured mustard, groundnut, potato, cucurbits and other vegetables before thundershower (Friday) and keep it in safer places. Farmers should stop irrigation, fertilizer and pesticide application during Friday and Saturday.

Pulses: November to December sown crop is at pod formation to seed development (nine to twelve week) stage. 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. Bacterial leaf blight are likely to increase in present situation in pulses due to realized rainfall; if observe, spray Streptomycin or Plantomycin @ 2 g/litre of water as foliar treatment. Rust infestation likely to occur in pulses, if observe spray Mancozeb 35.0%SC 3gram/ltr of water. If wilting will be observed after rainfall, then spray Carbendazim 2g/ltr of water to control.

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. 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. If collar rot will be observed then spray Carbendazim 2g/ltr of water to control. If crop is fully matured, harvest before thundershower.

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

Vegetables: Go for sowing of summer vegetables like ridge gourd, bottle gourd, bitter gourd, cucumber, cucurbita can be grown throughout the year. Grow the Improved varieties. Ridge gourd- Pusa Chikney, Bitter gourd- Mou sumi, Long green, Arka Harit, Nakhara, Bottle gourd-Pusa Summer, Prolific Round, Coimbatore 1, Coimbatore-2, Pusa Manjari and Pusa Meghdoot, Cucumber- Punerikhira, Green long and Chaitali, Cucurbita-Arka Suryamukhi, Arka Chandan, Basumati, Hybrid Vars. Can be grown. Ridge gourd- Surekha, Rohini, NRGs-7 Gourav, Bitter gourd-Hyb-49, Vivek, Shriya, White long, Green long, Bottle gourd-Pusa Meghdoot, Mulayam, Ganesh Gupta, New Swati, Harit and NBGH-2, Cucumber- Priya, Royal, Regal, Click, Lucky and Strike, Cucurbita-MPH-1

Brinjal: FRUIT AND SHOOT BORER IN BRINJAL-Spray Neem based pesticide 1500ppm@600ml/acre at initial stages. Later on go for alternate spray of Spinosad 45%SC@70ml/acre and Thiodicarb@250g/acre at 15 days interval. If phomopsis blight will occur in brinjal, then spray zineb 75%WP 2gram/litre of water. Cercospora leaf spot may be found after rainfall, if observe, then spray Carbendazim or zineb 75%WP 2gram/litre of water. If helicoverpa infestation will be found, spray Flunendiamide or indoxacarb 2ml/litre of water.

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

Cucurbits: Late Blight may happen due to rising day temperature. 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)



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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.-180
Date- 30/03/2021

AGROMET ADVISORY BULLETIN FOR MAHANGA

District Past week weather condition and Block past Rainfall condition

The block received 08 mm and district received 11 mm rainfall during the last week. The mean daily maximum and minimum temperature was 38°C and 24°C, respectively. Mean relative humidity of the district was around 71-53%.

Forecasted period: Today(8.30IST) to 05th April (8.30IST)2021

Weather advisory: **Light rainfall/Thundershower is forecasted for Friday and very light rainfall is forecasted for Saturday and dry weather is forecasted for other 3 days in the block.** The day temperature will be and it will be 36-41°C and night temperature will be 23-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 73-99% and 03-19% respectively. There will be mainly clear to partly cloudy sky for next 5 days. **Heat wave condition likely to occur at one or two places over Cuttack district From Today to Thursday.**

Block	Mahanga(VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	31/03/2021	01/04/2021	02/04/2021	03/04/2021	04/04/2021
Rainfall(mm)	0	0	0	6	2
T-Max(°C)	41	41	39	37	36
T-Min(°C)	26	23	24	25	25
Cloud Cover(octal)	0	0	0	4	4
RH Max (%)	73	75	98	99	97
RH Min (%)	6	4	3	5	19
Wind Speed (Kmph)	22	17	12	11	15
Wind Direction (deg)	208	225	225	203	193

Agromet Advisory

General advisory: As light rainfall was realized, it is the ideal time for sowing of cowpea, okra, cluster bean, pumpkin, cucumber and watermelon. Carry out transplanting of vegetables in afternoon hours to avoid high temperatures. Cover the vegetable beds with white polythene mulch to avoid high temperature. Harvest matured mustard, groundnut, potato, cucurbits and other vegetables before thundershower (Friday) and keep it in safer places. Farmers should stop irrigation, fertilizer and pesticide application during Friday and Saturday.

Pulses: November to December sown crop is at pod formation to seed development (nine to twelve week) stage. 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. **Bacterial leaf blight** are likely to increase in present situation in pulses due to realized rainfall; if observe, spray Streptomycin or Plantomycin @ 2 g/litre of water as foliar treatment. **Rust infestation** likely to occur in pulses, if observe spray Mancozeb 35.0%SC 3gram/ltr of water. If **wilting** will be observed after rainfall, then spray Carbendazim 2g/ltr of water to control.

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. 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. If **collar rot** will be observed then spray Carbendazim 2g/ltr of water to control. If crop is fully matured, harvest before thundershower.

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

Vegetables: Go for sowing of summer vegetables like ridge gourd, bottle gourd, bitter gourd, cucumber, cucurbita can be grown throughout the year. Grow the Improved varieties. Ridge gourd- Pusa Chikney, Bitter gourd- Mou sumi, Long green, Arka Harit, Nakhara, Bottle gourd-Pusa Summer, Prolific Round, Coimbatore 1, Coimbatore-2, Pusa Manjari and Pusa Meghdoot, Cucumber- Punerikhira, Green long and Chaitali, Cucurbita-Arka Suryamukhi, Arka Chandan, Basumati, Hybrid Vars. Can be grown. Ridge gourd- Surekha, Rohini, NRGs-7 Gourav, Bitter gourd-Hyb-49, Vivek, Shriya, White long, Green long, Bottle gourd-Pusa Meghdoot, Mulayam, Ganesh Gupta, New Swati, Harit and NBGH-2, Cucumber- Priya, Royal, Regal, Click, Lucky and Strike, Cucurbita-MPH-1

Brinjal: **FRUIT AND SHOOT BORER IN BRINJAL**-Spray Neem based pesticide 1500ppm@600ml/acre at initial stages. Later on go for alternate spray of Spinosad 45%SC@70ml/acre and Thiodicarb@250g/acre at 15 days interval. If **phomopsis blight** will occur in brinjal, then spray zineb 75%WP 2gram/litr of water. **Cercospora leaf spot** may be found after rainfall, if observe, then spray Carbendazim or zineb 75%WP 2gram/litr of water. If helicoverpa infestation will be found, spray Flunendiamide or indoxacarb 2ml/litr of water.

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

Cucurbits: **Late Blight** may happen due to rising day temperature. 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)



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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.-180
Date- 30/03/2021

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

The block received 02mm and district received 11 mm rainfall during the last week. The mean daily maximum and minimum temperature was 38°C and 24°C, respectively. Mean relative humidity of the district was around 71-53%.

Forecasted period: Today(8.30IST) to 05th April (8.30IST)2021

Weather advisory: Light to moderate rainfall/Thundershower is forecasted for Friday and very light to light rainfall is forecasted for Saturday and dry weather is forecasted for other 3 days in the block. The day temperature will be 39-41°C and night temperature will be 20-23°C for upcoming 5 days. Maximum and minimum relative humidity will be 21-97% and 02-06% respectively. There will be mainly clear to partly cloudy sky for next 5 days. **Heat wave condition likely to occur at one or two places over Cuttack district From Today to Thursday.**

Block	Narasinghpur (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	31/03/2021	01/04/2021	02/04/2021	03/04/2021	04/04/2021
Rainfall(mm)	0	0	0	11	6
T-Max(°C)	41	39	39	38	39
T-Min(°C)	23	23	21	20	21
Cloud Cover(/octa)	0	0	0	4	4
RH Max (%)	46	50	21	97	94
RH Min (%)	5	5	3	2	6
Wind Speed (Kmph)	10	10	10	8	8
Wind Direction (deg)	214	291	315	158	169

Agromet Advisory

General advisory: As very light rainfall was realized, it is the ideal time for sowing of cowpea, okra, cluster bean, pumpkin, cucumber and watermelon. Carry out transplanting of vegetables in afternoon hours to avoid high temperatures. Cover the vegetable beds with white polythene mulch to avoid high temperature. Harvest matured mustard, groundnut, potato, cucurbits and other vegetables before thundershower (Friday) and keep it in safer places. Farmers should stop irrigation, fertilizer and pesticide application during Friday and Saturday.

Pulses: November to December sown crop is at pod formation to seed development (nine to twelve week) stage. 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. Bacterial leaf blight are likely to increase in present situation in pulses due to realized rainfall; if observe, spray Streptomycin or Plantomycin @ 2 g/litre of water as foliar treatment. Rust infestation likely to occur in pulses, if observe spray Mancozeb 35.0%SC 3gram/ltr of water. If wilting will be observed after rainfall, then spray Carbendazim 2g/ltr of water to control.

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

Rabi-Groundnut: Do not disturb the soil after flower initiation in groundnut. Increase in temperature may enhance red hairy caterpillar and tobacco caterpillar infestation in groundnut; to control, spray Profenofos 50% EC @ 2 ml/litre of water or Flubendiamide 480 SC @ 0.2 ml/litre of water. If collar rot will be observed then spray Carbendazim 2g/ltr of water to control. If crop is fully matured, harvest before thundershower.

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

Vegetables: Go for sowing of summer vegetables like ridge gourd, bottle gourd, bitter gourd, cucumber, cucurbita can be grown throughout the year. Grow the Improved varieties. Ridge gourd- Pusa Chikney, Bitter gourd- Mou sumi, Long green, Arka Harit, Nakhara, Bottle gourd-Pusa Summer, Prolific Round, Coimbatore 1, Coimbatore-2, Pusa Manjari and Pusa Meghdoot, Cucumber- Punerikhira, Green long and Chaitali, Cucurbita-Arka Suryamukhi, Arka Chandan, Basumati, Hybrid Vars. Can be grown. Ridge gourd- Surekha, Rohini, NRG-7 Gourav, Bitter gourd-Hyb-49, Vivek, Shriya, White long, Green long, Bottle gourd-Pusa Meghdoot, Mulayam, Ganesh Gupta, New Swati, Harit and NBGH-2, Cucumber- Priya, Royal, Regal, Click, Lucky and Strike, Cucurbita-MPH-1

Brinjal: FRUIT AND SHOOT BORER IN BRINJAL-Spray Neem based pesticide 1500ppm@600ml/acre at initial stages. Later on go for alternate spray of Spinosad 45%SC@70ml/acre and Thiodicarb@250g/acre at 15 days interval. If phomopsis blight will occur in brinjal, then spray zineb 75%WP 2gram/litr of water. Cercospora leaf spot may be found after rainfall, if observe, then spray Carbendazim or zineb 75%WP 2gram/litr of water. If helicoverpa infestation will be found, spray Flunendiamide or indoxacarb 2ml/litr of water.

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

Cucurbits: Late Blight may happen due to rising day temperature. 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)



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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.-180
Date- 30/03/2021

AGROMET ADVISORY BULLETIN FOR NIALI

District Past week weather condition and Block past Rainfall condition

The block received 0 mm and district received 11 mm rainfall during the last week. The mean daily maximum and minimum temperature was 38°C and 24°C, respectively. Mean relative humidity of the district was around 71-53%.

Forecasted period: Today(8.30IST) to 05th April (8.30IST)2021

Weather advisory: Very light rainfall/Thundershower is forecasted for Friday and Saturday and dry weather is forecasted for other 3 days in the block. The day temperature will be 36-40°C and night temperature will be 23-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 77-98% and 09-30% respectively. There will be mainly clear to partly cloudy sky for next 5 days.

Block	Niali (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	31/03/2021	01/04/2021	02/04/2021	03/04/2021	04/04/2021
Rainfall(mm)	0	0	0	3	1
T-Max(°C)	38	40	39	37	36
T-Min(°C)	27	23	25	24	25
Cloud Cover(octa)	0	0	1	4	4
RH Max (%)	77	90	98	97	96
RH Min (%)	19	12	9	10	30
Wind Speed(Kmph)	26	19	14	12	16
Wind Direction(deg)	204	238	205	203	191

Agromet Advisory

General advisory: As no rainfall was realized and it is the ideal time for sowing of cowpea, okra, cluster bean, pumpkin, cucumber and watermelon so go for sowing with irrigation activity. Carry out transplanting of vegetables in afternoon hours to avoid high temperatures. Cover the vegetable beds with white polythine mulch to avoid high temperature. Harvest matured mustard, groundnut, potato, cucurbits and other vegetables before thundershower (Friday) and keep it in safer places. Farmers should stop irrigation, fertilizer and pesticide application during Friday and Saturday.

Pulses: November to December sown crop is at pod formation to seed development (nine to twelve week) stage. 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. **Bacterial leaf blight** are likely to increase in present situation in pulses due to realized rainfall; if observe, spray Streptomycine or Plantomycine @ 2 g/litre of water as foliar treatment. **Rust infestation** likely to occur in pulses, if observe spray Mancozeb 35.0%SC 3gram/ltr of water. If **wilting** will be observed after rainfall, then spray Carbendazim 2g/ltr of water to control.

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% Chloropyrriphos 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. 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. If **collar rot** will be observed then spray Carbendazim 2g/ltr of water to control. If crop is fully matured, harvest before thundershower.

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

Vegetables: Go for sowing of summer vegetables like ridge gourd, bottle gourd, bitter gourd, cucumber, cucurbita can be grown throughout the year. Grow the Improved varieties. Ridge gourd- Pusa Chikney, Bitter gourd- Mou sumi, Long green, Arka Harit, Nakhara, Bottle gourd-Pusa Summer, Prolific Round, Coimbatore 1, Coimbatore-2, Pusa Manjari and Pusa Meghdoot, Cucumber- Punerikhira, Green long and Chaitali, Cucurbita-Arka Suryamukhi, Arka Chandan, Basumati, Hybrid Vars. Can be grown. Ridge gourd- Surekha, Rohini, NRGs-7 Gourav, Bitter gourd-Hyb-49, Vivek, Shriya, White long, Green long, Bottle gourd-Pusa Meghdoot, Mulayam, Ganesh Gupta, New Swati, Harit and NBGH-2, Cucumber- Priya, Royal, Regal, Click, Lucky and Strike, Cucurbita-MPH-1

Brinjal: FRUIT AND SHOOT BORER IN BRINJAL-Spray Neem based pesticide 1500ppm@600ml/acre at initial stages. Later on go for alternate spray of Spinosad 45%SC@70ml/acre and Thiodicarb@250g/acre at 15 days interval. If **phomopsis blight** will occur in brinjal, then spray zineb 75%WP 2gram/litr of water. **Cercospora leaf spot** may be found after rainfall, if observe, then spray Carbendazim or zineb 75%WP 2gram/litr of water. If helicoverpa infestation will be found, spray Flunendiamide or indoxacarb 2ml/litr of water.

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

Cucurbits: Late Blight may happen due to rising day temperature. 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)



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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.-180
Date- 30/03/2021

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

The block received 23 mm and district received 11 mm rainfall during the last week. The mean daily maximum and minimum temperature was 38°C and 24°C, respectively. Mean relative humidity of the district was around 71-53%.

Forecasted period: Today(8.30IST) to 05th April (8.30IST)2021

Weather advisory: **Light rainfall/Thundershower is forecasted for Friday and very light rainfall is forecasted for Saturday and dry weather is forecasted for other 3 days in the block.** The day temperature will be 36-41°C and night temperature will be 23-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 73-99% and 04-22% respectively. There will be mainly clear to partly cloudy sky for next 5 days.

Block	Nischintakoili (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	31/03/2021	01/04/2021	02/04/2021	03/04/2021	04/04/2021
Rainfall(mm)	0	0	0	6	2
T-Max(°C)	40	41	39	37	36
T-Min(°C)	27	23	24	25	25
Cloud Cover(octa)	0	0	1	4	4
RH Max (%)	73	80	99	99	98
RH Min (%)	7	5	4	5	22
Wind Speed (Kmph)	23	17	12	12	15
Wind Direction (deg)	212	248	225	210	193

pAgromet Advisory

General advisory: As light to moderate rainfall was realized, it is the ideal time for sowing of cowpea, okra, cluster bean, pumpkin, cucumber and watermelon. Carry out transplanting of vegetables in afternoon hours to avoid high temperatures. Cover the vegetable beds with white polythene mulch to avoid high temperature. Harvest matured mustard, groundnut, potato, cucurbits and other vegetables before thundershower (Friday) and keep it in safer places. Farmers should stop irrigation, fertilizer and pesticide application during Friday and Saturday.

Pulses: November to December sown crop is at pod formation to seed development (nine to twelve week) stage. 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. **Bacterial leaf blight** are likely to increase in present situation in pulses due to realized rainfall; if observe, spray Streptomycin or Plantomycin @ 2 g/litre of water as foliar treatment. **Rust infestation** likely to occur in pulses, if observe spray Mancozeb 35.0%SC 3gram/ltr of water. If **wilting** will be observed after rainfall, then spray Carbendazim 2g/ltr of water to control.

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

Rabi-Groundnut: Do not disturb the soil after flower initiation in groundnut. 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. If **collar rot** will be observed then spray Carbendazim 2g/ltr of water to control. If crop is fully matured, harvest before thundershower.

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

Vegetables: Go for sowing of summer vegetables like ridge gourd, bottle gourd, bitter melon, cucumber, cucurbita can be grown throughout the year. Grow the Improved varieties. Ridge gourd- Pusa Chikney, Bitter melon- Mou sumi, Long green, Arka Harit, Nakhara, Bottle gourd-Pusa Summer, Prolific Round, Coimbatore 1, Coimbatore-2, Pusa Manjari and Pusa Meghdoot, Cucumber- Punerikhira, Green long and Chaitali, Cucurbita-Arka Suryamukhi, Arka Chandan, Basumati, Hybrid Vars. Can be grown. Ridge gourd- Surekha, Rohini, NRG-7 Gourav, Bitter melon-Hyb-49, Vivek, Shriya, White long, Green long, Bottle gourd-Pusa Meghdoot, Mulayam, Ganesh Gupta, New Swati, Harit and NBGH-2, Cucumber- Priya, Royal, Regal, Click, Lucky and Strike, Cucurbita-MPH-1

Brinjal: **FRUIT AND SHOOT BORER IN BRINJAL**-Spray Neem based pesticide 1500ppm @ 600ml/acre at initial stages. Later on go for alternate spray of Spinosad 45%SC @ 70ml/acre and Thiodicarb @ 250g/acre at 15 days interval. If **phomopsis blight** will occur in brinjal, then spray zineb 75%WP 2gram/ltr of water. **Cercospora leaf spot** may be found after rainfall, if observe, then spray Carbendazim or zineb 75%WP 2gram/ltr of water. If helicoverpa infestation will be found, spray Flunendiamide or indoxacarb 2ml/ltr of water.

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

Cucurbits: **Late Blight** may happen due to rising day temperature. 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/thaizole @ 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)



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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.-180
Date- 30/03/2021

AGROMET ADVISORY BULLETIN FOR SALEPUR

District Past week weather condition and Block past Rainfall condition

The block received 07 mm and district received 11 mm rainfall during the last week. The mean daily maximum and minimum temperature was 38°C and 24°C, respectively. Mean relative humidity of the district was around 71-53%.

Forecasted period: Today(8.30IST) to 05th April (8.30IST)2021

Weatheradvisory: Light rainfall/Thundershower is forecasted for Friday and very light rainfall is forecasted for Saturday and dry weather is forecasted for other 3 days in the block. The day temperature will be 36-41°C and night temperature will be 23-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 74-99% and 03-21% respectively. There will be mainly clear to partly cloudy sky for next 5 days. **Heat wave condition likely to occur at one or two places over Cuttack district From Today to Thursday.**

Block	Salepur (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	31/03/2021	01/04/2021	02/04/2021	03/04/2021	04/04/2021
Rainfall(mm)	0	0	0	6	2
T-Max(°C)	40	41	39	37	36
T-Min(°C)	27	23	24	25	25
Cloud Cover(octa)	0	0	0	4	4
RH Max (%)	74	78	99	99	98
RH Min (%)	7	4	3	4	21
Wind Speed (Kmph)	22	17	12	11	15
Wind Direction (deg)	212	225	225	203	193

Agromet Advisory

General advisory: As light rainfall was realized, it 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.

Harvest matured mustard, groundnut, potato, cucurbits and other vegetables before thundershower (Friday) and keep it in safer places. Farmers should stop irrigation, fertilizer and pesticide application during Friday and Saturday.

Pulses: November to December sown crop is at pod formation to seed development (nine to twelve week) stage. 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. **Bacterial leaf blight** are likely to increase in present situation in pulses due to realized rainfall; if observe, spray Streptomycin or Plantomycin @ 2 g/litre of water as foliar treatment. **Rust infestation** likely to occur in pulses, if observe spray Mancozeb 35.0%SC 3gram/ltr of water. If **wilting** will be observed after rainfall, then spray Carbendazim 2g/ltr of water to control.

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

Rabi-Groundnut: Do not disturb the soil after flower initiation in groundnut. 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. If **collar rot** will be observed then spray Carbendazim 2g/ltr of water to control. If crop is fully matured, harvest before thundershower.

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

Vegetables: Go for sowing of summer vegetables like ridge gourd, bottle gourd, bitter gourd, cucumber, cucurbita can be grown throughout the year. Grow the Improved varieties. Ridge gourd- Pusa Chikney, Bitter gourd- Mou sumi, Long green, Arka Harit, Nakhara, Bottle gourd-Pusa Summer, Prolific Round, Coimbatore 1, Coimbatore-2, Pusa Manjari and Pusa Meghdoot, Cucumber- Punerikhira, Green long and Chaitali, Cucurbita-Arka Suryamukhi, Arka Chandan, Basumati, Hybrid Vars. Can be grown. Ridge gourd- Surekha, Rohini, NRG-7 Gourav, Bitter gourd-Hyb-49, Vivek, Shriya, White long, Green long, Bottle gourd-Pusa Meghdoot, Mulayam, Ganesh Gupta, New Swati, Harit and NBGH-2, Cucumber- Priya, Royal, Regal, Click, Lucky and Strike, Cucurbita-MPH-1

Brinjal: **FRUIT AND SHOOT BORER IN BRINJAL**-Spray Neem based pesticide 1500ppm @ 600ml/acre at initial stages. Later on go for alternate spray of Spinosad 45%SC @ 70ml/acre and Thiodicarb @ 250g/acre at 15 days interval. If **phomopsis blight** will occur in brinjal, then spray zineb 75%WP 2gram/litr of water. **Cercospora leaf spot** may be found after rainfall, if observe, then spray Carbendazim or zineb 75%WP 2gram/litr of water. If helicoverpa infestation will be found, spray Flunendiamide or indoxacarb 2ml/litr of water.

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

Cucurbits: **Late Blight** may happen due to rising day temperature. 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)



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 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.-180
Date- 30/03/2021

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

The block received 05 mm and district received 11 mm rainfall during the last week. The mean daily maximum and minimum temperature was 38°C and 24°C, respectively. Mean relative humidity of the district was around 71-53%.

Forecasted period: Today (8.30IST) to 05th April (8.30IST) 2021

Weather advisory: Light rainfall/Thundershower is forecasted for Friday and very light rainfall is forecasted for Saturday and dry weather is forecasted for other 3 days in the block. The day temperature will be 36-41°C and night temperature will be 25-28°C for upcoming 5 days. Maximum and minimum relative humidity will be 78-96% and 22-41% respectively. There will be mainly clear to partly cloudy sky for next 5 days. **Heat wave condition likely to occur at one or two places over Cuttack district From Today to Thursday.**

Block	Tangi-Choudwar (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	31/03/2021	01/04/2021	02/04/2021	03/04/2021	04/04/2021
Rainfall(mm)	0	0	0	7	2
T-Max(°C)	39	41	40	38	36
T-Min(°C)	28	25	26	26	26
Cloud Cover(octa)	0	0	1	4	4
RH Max (%)	78	90	96	96	93
RH Min (%)	31	22	22	26	41
Wind Speed (Kmph)	30	23	17	14	17
Wind Direction (deg)	204	238	207	180	171

Agromet Advisory

General advisory: As Very light rainfall was realized, it is the ideal time for sowing of cowpea, okra, cluster bean, pumpkin, cucumber and watermelon. Carry out transplanting of vegetables in afternoon hours to avoid high temperatures. Cover the vegetable beds with white polythene mulch to avoid high temperature. Harvest matured mustard, groundnut, potato, cucurbits and other vegetables before thundershower (Friday) and keep it in safer places. **Farmers should stop irrigation, fertilizer and pesticide application during Friday and Saturday.**

Pulses: November to December sown crop is at pod formation to seed development (nine to twelve week) stage. 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. **Bacterial leaf blight** are likely to increase in present situation in pulses due to realized rainfall; if observe, spray Streptomycin or Plantomycin @ 2 g/litre of water as foliar treatment. **Rust infestation** likely to occur in pulses, if observe spray Mancozeb 35.0%SC 3gram/ltr of water. If **wilting** will be observed after rainfall, then spray Carbendazim 2g/ltr of water to control.

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. 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. If **collar rot** will be observed then spray Carbendazim 2g/ltr of water to control. If crop is fully matured, harvest before thundershower.

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

Vegetables: Go for sowing of summer vegetables like ridge gourd, bottle gourd, bitter melon, cucumber, cucurbita can be grown throughout the year. Grow the Improved varieties. Ridge gourd- Pusa Chikney, Bitter melon- Mou sumi, Long green, Arka Harit, Nakhara, Bottle gourd-Pusa Summer, Prolific Round, Coimbatore 1, Coimbatore-2, Pusa Manjari and Pusa Meghdoot, Cucumber- Punerikhira, Green long and Chaitali, Cucurbita-Arka Suryamukhi, Arka Chandan, Basmati, Hybrid Vars. Can be grown. Ridge gourd- Surekha, Rohini, NRG-7 Gourav, Bitter melon-Hyb-49, Vivek, Shriya, White long, Green long, Bottle gourd-Pusa Meghdoot, Mulayam, Ganesh Gupta, New Swati, Harit and NBGH-2, Cucumber- Priya, Royal, Regal, Click, Lucky and Strike, Cucurbita-MPH-1 **Brinjal: FRUIT AND SHOOT BORER IN BRINJAL**- Spray Neem based pesticide 1500ppm @ 600ml/acre at initial stages. Later on go for alternate spray of Spinosad 45%SC @ 70ml/acre and Thiodicarb @ 250g/acre at 15 days interval. If **phomopsis blight** will occur in brinjal, then spray zineb 75%WP 2gram/ltr of water. **Cercospora leaf spot** may be found after rainfall, if observe, then spray Carbendazim or zineb 75%WP 2gram/ltr of water. If helioverpa infestation will be found, spray Flunendiamide or indoxacarb 2ml/ltr of water.

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

Cucurbits: **Late Blight** may happen due to rising day temperature. 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/thaizoxyl @ 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)



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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.-180
Date- 30/03/2021

AGROMET ADVISORY BULLETIN FOR TIGIRIA

District Past week weather condition and Block past Rainfall condition

The block received 05 mm and district received 11 mm rainfall during the last week. The mean daily maximum and minimum temperature was 38°C and 24°C, respectively. Mean relative humidity of the district was around 71-53%.

Forecasted period: Today(8.30IST) to 05th April (8.30IST)2021

Weather advisory: Light to moderate rainfall/Thundershower is forecasted for Friday and very light to light rainfall is forecasted for Saturday and dry weather is forecasted for other 3 days in the block. The day temperature will be 37-41°C and night temperature will be 22-25°C for upcoming 5 days. Maximum and minimum relative humidity will be 44-98% and 01-08% respectively. There will be mainly clear to partly cloudy sky for next 5 days. **Heat wave condition likely to occur at one or two places over Cuttack district From Today to Thursday.**

Block	Tigiria (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	31/03/2021	01/04/2021	02/04/2021	03/04/2021	04/04/2021
Rainfall(mm)	0	0	0	11	6
T-Max(°C)	41	41	40	39	37
T-Min(°C)	24	24	22	24	25
Cloud Cover(octa)	0	0	0	4	4
RH Max (%)	66	44	65	98	98
RH Min (%)	5	4	3	1	8
Wind Speed (Kmph)	15	11	10	10	12
Wind Direction (deg)	203	270	315	162	180

Agromet Advisory

General advisory: As very light rainfall was realized, it is the ideal time for sowing of cowpea, okra, cluster bean, pumpkin, cucumber and watermelon. Carry out transplanting of vegetables in afternoon hours to avoid high temperatures. Cover the vegetable beds with white polythene mulch to avoid high temperature. Harvest matured mustard, groundnut, potato, cucurbits and other vegetables before thundershower (Friday) and keep it in safer places. Farmers should stop irrigation, fertilizer and pesticide application during Friday and Saturday.

Pulses: November to December sown crop is at pod formation to seed development (nine to twelve week) stage. 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. Bacterial leaf blight are likely to increase in present situation in pulses due to realized rainfall; if observe, spray Streptomycin or Plantomycin @ 2 g/litre of water as foliar treatment. Rust infestation likely to occur in pulses, if observe spray Mancozeb 35.0%SC 3gram/ltr of water. If wilting will be observed after rainfall, then spray Carbendazim 2g/ltr of water to control.

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.

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

Vegetables: Go for sowing of summer vegetables like ridge gourd, bottle gourd, bitter gourd, cucumber, cucurbita can be grown throughout the year. Grow the Improved varieties. Ridge gourd- Pusa Chikney, Bitter gourd- Mou sumi, Long green, Arka Harit, Nakhara, Bottle gourd-Pusa Summer, Prolific Round, Coimbatore 1, Coimbatore-2, Pusa Manjari and Pusa Meghdoot, Cucumber- Punerikhara, Green long and Chaitali, Cucurbita-Arka Suryamukhi, Arka Chandan, Basumati, Hybrid Vars. Can be grown. Ridge gourd- Surekha, Rohini, NRG-7 Gourav, Bitter gourd-Hyb-49, Vivek, Shriya, White long, Green long, Bottle gourd-Pusa Meghdoot, Mulayam, Ganesh Gupta, New Swati, Harit and NBGH-2, Cucumber- Priya, Royal, Regal, Click, Lucky and Strike, Cucurbita-MPH-1

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

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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.

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Bulletin No.-180
Date- 30/03/2021

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

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

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

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

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

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

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