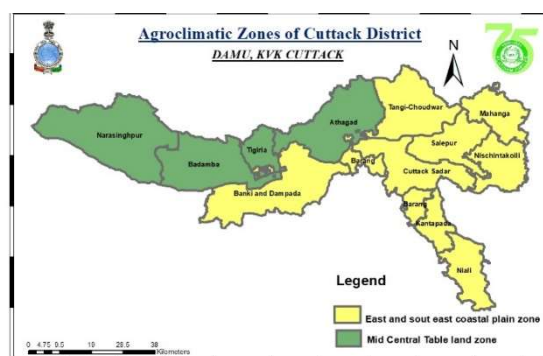
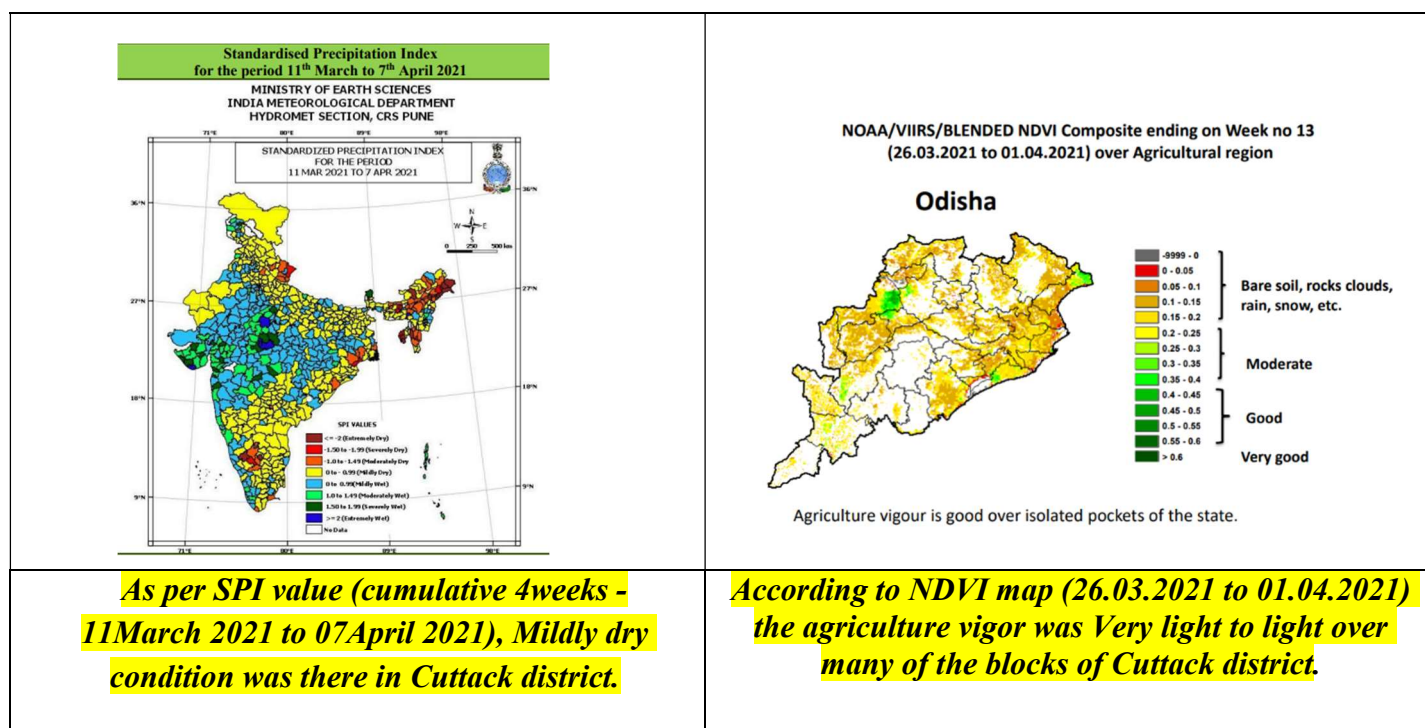


AGROCLIMATIC ZONES OF CUTTACK DISTRICT:

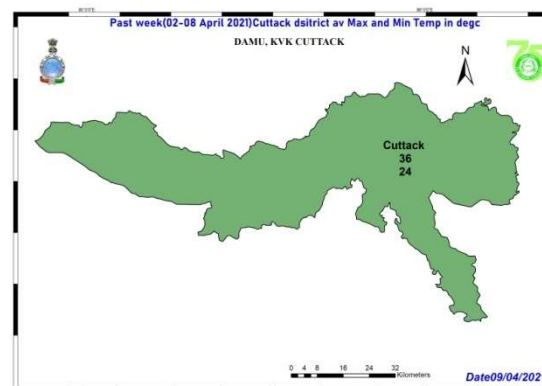
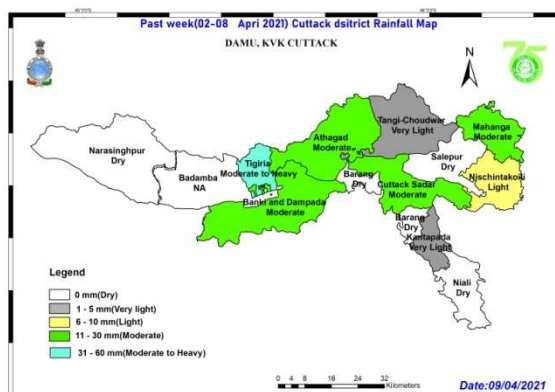


STANDARD PRECIPITATION INDEX AND NDVI MAP

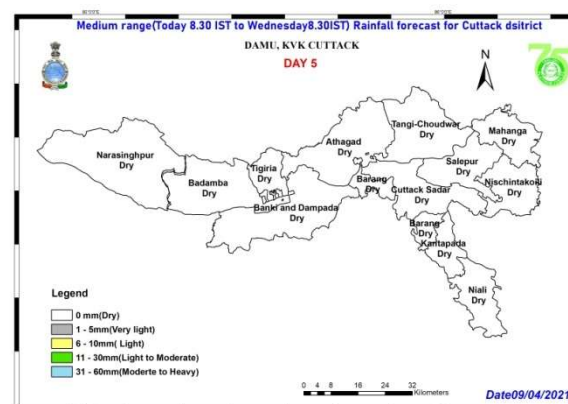
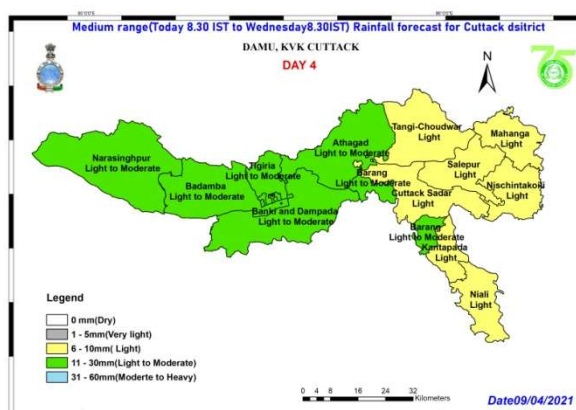
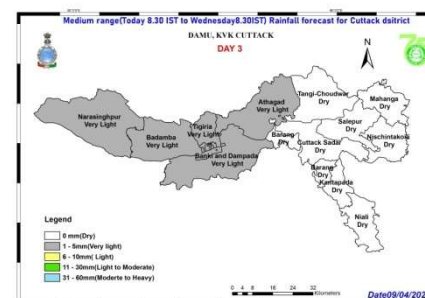
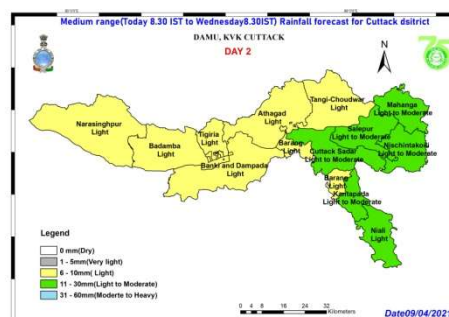
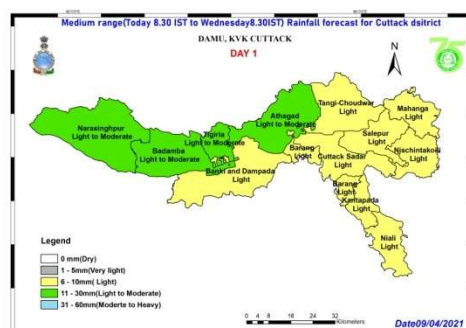


LEGEND (Medium range block level rainfall forecast)		
	No Rainfall	00 mm
	Very light rainfall	01-05 mm
	Light rainfall	06-10 mm
	Light to moderate rainfall	11-30 mm
	Moderate to heavy rainfall	31-65 mm
	Heavy rainfall	66-115 mm
	Very heavy rainfall	116-205 mm
	Extremely heavy rainfall	>206 mm

Past week (02-08 April 2021) Cuttack district Rainfall and Temperature map



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





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Bulletin No.-183
Date- 09/04/2021

Met Sub division	Extended range outlook for subsequent 1 week (6 th to 12 th days) (14 th April to 20 th April 2021)		
Odisha	<i>Parameter</i>	<i>Departure (%)</i>	<i>Category</i>
	Rainfall	-45.86	Below Normal
	<i>Parameter</i>	<i>Anomaly</i>	<i>Category</i>
	Maximum temperature	1.11	Normal
	Minimum temperature	0.41	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 (14th April to 20th 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 five days as light to moderate rainfall/thundershower is forecasted in Cuttack district.

Dr Sujata Sethy
(Nodal officer)













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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		Cercospera Leaf spot
				Leaf blight
				Rust
				Wilting
2	Brinjal	Fruiting		Fruit and shoot borer
				Phomopsis Blight
				Cercospera leaf spot
				Helicoverpa caterpillar
3	Tomato	Fruting		Bacterial wilt
4	Cucurbits	Flowering to Fruiting stage		Red Pumpkin beetle



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				Leaf spot
				Late blight
				Stem Rot
				Downy Mildew
				Fruit rot

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(Nodal officer)



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Bulletin No.-183
Date- 09/04/2021

AGROMET ADVISORY BULLETIN FOR ATHAGAD

District Past week weather condition and Block past Rainfall condition

The block received 18 mm and district received 9.56 mm rainfall during the last week. The mean daily maximum and minimum temperature was 36°C and 24°C, respectively. Mean relative humidity of the district was around 81-59%.

Forecasted period: Today(8.30IST) to 14th April (8.30IST)2021

Weather advisory: **Light to Moderate rainfall/Thundershower is forecasted for today and Monday and very light to light rainfall is forecasted for tomorrow and Sunday and dry weather is forecasted for Tuesday in the block.** The day temperature will be 34-36°C and night temperature will be 24-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 85-95% and 16-34% respectively. There will be mainly clear to partly cloudy sky for next 5 days.

Block	Athagad (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	10/04/2021	11/04/2021	12/04/2021	13/04/2021	14/04/2021
Rainfall (mm)	11	6	2	12	0
T-Max (°C)	34	35	36	35	35
T-Min (°C)	26	24	25	26	26
Cloud Cover (octa)	4	0	1	3	2
RH Max (%)	92	87	95	85	85
RH Min (%)	34	19	16	18	24
Wind Speed (kmph)	16	15	13	11	14
Wind Direction (deg)	158	198	171	210	204

Agromet Advisory

General advisory: **Harvest matured mustard, groundnut, potato, cucurbits and other vegetables before thundershower and keep it in safer places. Farmers should carry out intercultural operations and fertilizer, pesticide applications in dry days. It is the ideal time for sowing of cowpea, okra, cluster bean, pumpkin, cucumber and watermelon. Carry out transplanting of vegetables in afternoon hours. Farmers should stop irrigation activities on rainy days.**

Pulses:

November to December sown crop is at pod formation to seed development (nine to twelve week) 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. Present weather is congenial for **Cercospora leaf spot** infestation in black gram crop. On occurrence, immediately spray Agrimycin or Streptomycin 2 g/litre, at an interval of 12-15 days, to effectively reduce pest population.

Summer Maize:

Complete maize sowing by this after receipt of rainfall under optimum soil moisture condition. 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 x 15 cm.

Vegetables:

Okra: Now the weather is optimum for okra planting. It can be grown throughout the year. Grow improved high yielding varieties - Utkal Gourav, Arka Anamika, Uphar, Parvati kranti and Hybrid Vars. can be grown - Varsa, Vijay, Vishal, Tara, Adhunik, Atyadhunik, and Supriy. Plough the land thoroughly and remove the weeds. Apply 10 cartloads of FYM per acre during final land preparation and apply 45:25 :35kg NPK/acre as basal for improved vars and 20-25 cartloads of FYM per acre during final land preparation and apply 80:40:40 kg NPK/acre as basal for improved vars. For line sowing use 5 to 7 Kg seeds/acre for improved Vars. and 1250 to 1500 g seeds/acre for hybrid Vars. Sow the seeds in lines at 30x30cm space for improved Vars. and at 60x45 cm. spacing for hybrid Varieties.

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 zineb75%WP 2gram/litr of water.**Cercospora leaf spot** may be found after rainfall, if observe, then spray Carbendazim or zineb75%WP 2gram/litr of water. If **helicoverpa infestation** will be found, spray Flunendiamide or indoxacarb 2ml/litr of water.

Cucurbits: To manage **Red Pumpkin Beetle** in Cucurbit crops spray Cyantraniliprole 10.26% OD @ 400-ml/acre or Imidacloprid 17.8% SL @ 60-ml/ acre or Chlorpyrriphos 20% EC @ 400-ml/acre. **Late Blight** may happen due to rising day temperature. There are chances of infestation of **Downy Mildew**, leaf 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.

Pointed gourd is at flowering and fruiting stage. Don't go for weeding .The grasses and weeds will help in maintaining the humidity and it is safe for creeping of the vines and does not allow the fruit to come in contact with soil and avoid fruit rot.

High temperature leads to fungal wilting in pointed gourd, spray 1.5 ml Carbendazim in 1 litre water. Present weather may aggravate fruit and vine rot (symptoms: **leaf spot, leaf blight, stem rot, fruit rot**) of pointed gourd. If observe remove damaged fruit and vines from the field and should not be kept in and around the field. Spray alternately Copper Oxychloride 50% WP @ 3 g/litre of water and Metalaxyl 8% + Mancozeb 64% @ 2.5 g/litre of water in clear and dry weather.

Animal husbandry: Keep farm animals indoor during thunderstorm period.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-183
Date- 09/04/2021

AGROMET ADVISORY BULLETIN FOR BADAMBA

District Past week weather condition

The district received 9.56 mm rainfall during the last week. The mean daily maximum and minimum temperature was 36°C and 24°C, respectively. Mean relative humidity of the district was around 81-59%.

Forecasted period: Today(8.30IST) to 14th April (8.30IST)2021

Weather advisory: **Light to Moderate rainfall/Thundershower is forecasted for today and Monday and very light to light rainfall is forecasted for tomorrow and Sunday and dry weather is forecasted for Tuesday in the block.** The day temperature will be 35-36°C and night temperature will be 25-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 74-85% and 17-30% respectively. There will be mainly clear to partly cloudy sky for next 5 days.

Block	Badamba (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	10/04/2021	11/04/2021	12/04/2021	13/04/2021	14/04/2021
Rainfall(mm)	12	6	2	14	0
T-Max(°C)	35	35	36	35	35
T-Min(°C)	25	25	25	26	26
Cloud Cover(octa)	5	0	2	3	2
RH Max (%)	85	74	82	82	81
RH Min (%)	30	20	17	21	25
Wind Speed (Kmph)	13	13	12	9	12
Wind Direction (deg)	165	193	160	210	199

Agromet Advisory

General advisory: **Harvest matured mustard, groundnut, potato, cucurbits and other vegetables before thundershower and keep it in safer places. Farmers should carry out intercultural operations and fertilizer, pesticide applications in dry days. It is the ideal time for sowing of cowpea, okra, cluster bean, pumpkin, cucumber and watermelon. Carry out transplanting of vegetables in afternoon hours. Farmers should stop irrigation activities on rainy days.**

Pulses:

November to December sown crop is at pod formation to seed development (nine to twelve week) 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. Present weather is congenial for **Cercospora leaf spot** infestation in black gram crop. On occurrence, immediately spray Agrimycin or Streptomycin 2 g/litre, at an interval of 12-15 days, to effectively reduce pest population.

Summer Maize:

Complete maize sowing by this after receipt of rainfall under optimum soil moisture condition. 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% Chlorpyrifos 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.

Vegetables:

Okra: Now the weather is optimum for okra planting. It can be grown throughout the year. Grow improved high yielding varieties - Utkal Gourav, Arka Anamika, Uphar, Parvati kranti and Hybrid Vars. can be grown - Varsa, Vijay, Vishal, Tara, Adhunik, Atyadhunik, and Supriy. Plough the land thoroughly and remove the weeds. Apply 10 cartloads of FYM per acre during final land preparation and apply 45:25 :35kg NPK/acre as basal for improved vars and 20-25 cartloads of FYM per acre during final land preparation and apply 80:40:40 kg NPK/acre as basal for improved vars. For line sowing use 5 to 7 Kg seeds/acre for improved Vars. and 1250 to 1500 g seeds/acre for hybrid Vars. Sow the seeds in lines at 30x30cm space for improved Vars. and at 60x45 cm. spacing for hybrid Varieties.

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 zineb75%WP 2gram/litre of water.**Cercospora leaf spot** may be found after rainfall, if observe, then spray Carbendazim or zineb75%WP 2gram/litre of water. If **helicoverpa infestation** will be found, spray Flunendiamide or indoxacarb 2ml/litre of water.

Cucurbits: To manage **Red Pumpkin Beetle** in Cucurbit crops spray Cyantraniliprole 10.26% OD @ 400-ml/acre or Imidacloprid 17.8% SL @ 60-ml/ acre or Chlorpyrifos 20% EC @ 400-ml/acre. **Late Blight** may happen due to rising day temperature. There are chances of infestation of **Downy Mildew**, leaf 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.

Pointed gourd is at flowering and fruiting stage. Don't go for weeding .The grasses and weeds will help in maintaining the humidity and it is safe for creeping of the vines and does not allow the fruit to come in contact with soil and avoid fruit rot.

High temperature leads to fungal wilting in pointed gourd, spray 1.5 ml Carbendazim in 1 litre water. Present weather may aggravate fruit and vine rot (symptoms: **leaf spot, leaf blight, stem rot, fruit rot**) of pointed gourd. If observe remove damaged fruit and vines from the field and should not be kept in and around the field. Spray alternately Copper Oxychloride 50% WP @ 3 g/litre of water and Metalaxyl 8% + Mancozeb 64% @ 2.5 g/litre of water in clear and dry weather.

Animal husbandry: Keep farm animals indoor during thunderstorm period.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-183
Date- 09/04/2021

AGROMET ADVISORY BULLETIN FORBANKI

District Past week weather condition and Block past Rainfall condition

The block received 17 mm and district received 9.56 mm rainfall during the last week. The mean daily maximum and minimum temperature was 36°C and 24°C, respectively. Mean relative humidity of the district was around 81-59%.

Forecasted period: Today(8.30IST) to 14th April (8.30IST)2021

Weather advisory: **Light to Moderate rainfall/Thundershower is forecasted for Monday and very light to light rainfall is forecasted for today, tomorrow and Sunday and dry weather is forecasted for Tuesday in the block.** The day temperature will be 34-37°C and night temperature will be 24-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 82-92% and 16-37% respectively. There will be mainly clear to partly cloudy sky for next 5 days.

Block	Banki (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	10/04/2021	11/04/2021	12/04/2021	13/04/2021	14/04/2021
Rainfall(mm)	8	6	2	12	0
T-Max(°C)	34	36	37	36	34
T-Min(°C)	25	24	25	27	26
Cloud Cover(octa)	4	0	1	2	2
RH Max (%)	90	82	92	85	84
RH Min (%)	37	20	16	19	29
Wind Speed (Kmph)	15	15	13	10	14
Wind Direction (deg)	158	198	171	210	203

Agromet Advisory

General advisory: **Harvest matured mustard, groundnut, potato, cucurbits and other vegetables before thundershower and keep it in safer places. Farmers should carry out intercultural operations and fertilizer, pesticide applications in dry days. It is the ideal time for sowing of cowpea, okra, cluster bean, pumpkin, cucumber and watermelon. Carry out transplanting of vegetables in afternoon hours. Farmers should stop irrigation activities on rainy days.**

Pulses:

November to December sown crop is at pod formation to seed development (nine to twelve week) 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. Present weather is congenial for **Cercospora leaf spot** infestation in black gram crop. On occurrence, immediately spray Agrimycin or Streptomycin 2 g/litre, at an interval of 12-15 days, to effectively reduce pest population.

Summer Maize:

Complete maize sowing by this after receipt of rainfall under optimum soil moisture condition. 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.

Vegetables:

Okra: Now the weather is optimum for okra planting. It can be grown throughout the year. Grow improved high yielding varieties - Utkal Gourav, Arka Anamika, Uphar, Parvati kranti and Hybrid Vars. can be grown - Varsa, Vijay, Vishal, Tara, Adhunik, Atyadhunik, and Supriy. Plough the land thoroughly and remove the weeds. Apply 10 cartloads of FYM per acre during final land preparation and apply 45:25 :35kg NPK/acre as basal for improved vars and 20-25 cartloads of FYM per acre during final land preparation and apply 80:40:40 kg NPK/acre as basal for improved vars. For line sowing use 5 to 7 Kg seeds/acre for improved Vars. and 1250 to 1500 g seeds/acre for hybrid Vars. Sow the seeds in lines at 30x30cm space for improved Vars. and at 60x45 cm. spacing for hybrid Varieties.

Brinjal:

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Cucurbits: To manage **Red Pumpkin Beetle** in Cucurbit crops spray Cyantraniliprole 10.26% OD @ 400-ml/acre or Imidacloprid 17.8% SL @ 60-ml/ acre or Chlorpyriphos 20% EC @ 400-ml/acre. **Late Blight** may happen due to rising day temperature. There are chances of infestation of **Downy Mildew**, leaf 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.

Pointed gourd is at flowering and fruiting stage. Don't go for weeding .The grasses and weeds will help in maintaining the humidity and it is safe for creeping of the vines and does not allow the fruit to come in contact with soil and avoid fruit rot.

High temperature leads to fungal wilting in pointed gourd, spray 1.5 ml Carbendazim in 1 litre water. Present weather may aggravate fruit and vine rot (symptoms: **leaf spot, leaf blight, stem rot, fruit rot**) of pointed gourd. If observe remove damaged fruit and vines from the field and should not be kept in and around the field. Spray alternately Copper Oxychloride 50% WP @ 3 g/litre of water and Metalaxyl 8% + Mancozeb 64% @ 2.5 g/litre of water in clear and dry weather.

Animal husbandry: Keep farm animals indoor during thunderstorm period.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-183
Date- 09/04/2021

AGROMET ADVISORY BULLETIN FOR BANKI-DAMPARA

District Past week weather condition

The district received 9.56 mm rainfall during the last week. The mean daily maximum and minimum temperature was 36°C and 24°C, respectively. Mean relative humidity of the district was around 81-59%.

Forecasted period: Today(8.30IST) to 14th April (8.30IST)2021

Weather Advisory: **Light to Moderate rainfall/Thundershower is forecasted for Monday and very light to light rainfall is forecasted for today, tomorrow and Sunday and dry weather is forecasted for Tuesday in the block.** The day temperature will be 34-37°C and night temperature will be 24-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 84-93% and 16-38% respectively. There will be mainly clear to partly cloudy sky for next 5 days.

Block	Banki-Dampara (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	10/04/2021	11/04/2021	12/04/2021	13/04/2021	14/04/2021
Rainfall(mm)	7	6	1	12	0
T-Max(°C)	34	36	37	37	34
T-Min(°C)	25	24	24	27	26
Cloud Cover(octa)	4	0	1	2	2
RH Max (%)	90	84	93	85	84
RH Min (%)	38	20	16	19	30
Wind Speed (Kmph)	15	15	13	10	15
Wind Direction (deg)	158	198	191	210	203

Agromet Advisory

General advisory: **Harvest matured mustard, groundnut, potato, cucurbits and other vegetables before thundershower and keep it in safer places. Farmers should carry out intercultural operations and fertilizer, pesticide applications in dry days. It is the ideal time for sowing of cowpea, okra, cluster bean, pumpkin, cucumber and watermelon. Carry out transplanting of vegetables in afternoon hours. Farmers should stop irrigation activities on rainy days.**

Pulses:

November to December sown crop is at pod formation to seed development (nine to twelve week) 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. Present weather is congenial for **Cercospora leaf spot** infestation in black gram crop. On occurrence, immediately spray Agrimycin or Streptomycin 2 g/litre, at an interval of 12-15 days, to effectively reduce pest population.

Summer Maize:

Complete maize sowing by this after receipt of rainfall under optimum soil moisture condition. 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.

Vegetables:

Okra: Now the weather is optimum for okra planting. It can be grown throughout the year. Grow improved high yielding varieties - Utkal Gourav, Arka Anamika, Uphar, Parvati kranti and Hybrid Vars. can be grown - Varsa, Vijay, Vishal, Tara, Adhunik, Atyadhunik, and Supriy. Plough the land thoroughly and remove the weeds. Apply 10 cartloads of FYM per acre during final land preparation and apply 45:25 :35kg NPK/acre as basal for improved vars and 20-25 cartloads of FYM per acre during final land preparation and apply 80:40:40 kg NPK/acre as basal for improved vars. For line sowing use 5 to 7 Kg seeds/acre for improved Vars. and 1250 to 1500 g seeds/acre for hybrid Vars. Sow the seeds in lines at 30x30cm space for improved Vars. and at 60x45 cm. spacing for hybrid Varieties.

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 zineb75%WP 2gram/litr of water.**Cercospora leaf spot** may be found after rainfall, if observe,then spray Carbendazim or zineb75%WP 2gram/litr of water.If **helioverpa infestation** will be found, spray Flunendiamide or indoxacarb 2ml/litr of water.

Cucurbits:To manage **Red Pumpkin Beetle** in Cucurbit crops spray Cyantraniliprole 10.26% OD @ 400-ml/acre or Imidacloprid 17.8% SL @ 60-ml/ acre or Chlorpyriphos 20% EC @ 400-ml/acre. **Late Blight** may happen due to rising day temperature. There are chances of infestation of **Downy Mildew**,leaf 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.

Pointed gourd is at flowering and fruiting stage. Don't go for weeding .The grasses and weeds will help in maintaining the humidity and it is safe for creeping of the vines and does not allow the fruit to come in contact with soil and avoid fruit rot.

High temperature leads to fungal wilting in pointed gourd, spray 1.5 ml Carbendazim in 1 litre water. Present weather may aggravate fruit and vine rot (symptoms: **leaf spot, leaf blight, stem rot, fruit rot**) of pointed gourd. If observe remove damaged fruit and vines from the field and should not be kept in and around the field. Spray alternately Copper Oxychloride 50% WP @ 3 g/litre of water and Metalaxyl 8% + Mancozeb 64% @ 2.5 g/litre of water in clear and dry weather.

Animal husbandry: Keep farm animals indoor during thunderstorm period.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-183
Date- 09/04/2021

AGROMET ADVISORY BULLETIN FOR BARANGA

District Past week weather condition and Block past Rainfall condition

The block received 0 mm and district received 9.56 mm rainfall during the last week. The mean daily maximum and minimum temperature was 36°C and 24°C, respectively. Mean relative humidity of the district was around 81-59%.

Forecasted period: Today(8.30IST) to 14th April (8.30IST)2021

Weatheradvisory: Light to Moderate rainfall/Thundershower is forecasted for Monday and light rainfall is forecasted for today, tomorrow and dry weather is forecasted for Sunday, Tuesday in the block. The day temperature will be 31-37°C and night temperature will be 24-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 87-97% and 17-45% respectively. There will be mainly clear to partly cloudy sky for next 5 days.

Block	Baranga(VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	10/04/2021	11/04/2021	12/04/2021	13/04/2021	14/04/2021
Rainfall(mm)	6	6	0	12	0
T-Max(°C)	31	35	36	37	34
T-Min(°C)	25	24	24	26	26
Cloud Cover	4	0	1	2	2
RH Max (%)	95	93	97	91	87
RH Min (%)	45	20	17	21	31
Wind Speed (Kmph)	16	17	15	10	18
Wind Direction (deg)	191	203	206	200	203

Agromet Advisory

General advisory: Harvest matured mustard, groundnut, potato, cucurbits and other vegetables before thundershower and keep it in safer places. Farmers should carry out intercultural operations and fertilizer, pesticide applications in dry days. It is the ideal time for sowing of cowpea, okra, cluster bean, pumpkin, cucumber and watermelon. Carry out transplanting of vegetables in afternoon hours. Farmers should stop irrigation activities on rainy days.

Pulses:

November to December sown crop is at pod formation to seed development (nine to twelve week) 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. Present weather is congenial for Cercospora leaf spot infestation in black gram crop. On occurrence, immediately spray Agrimycin or Streptomycin 2 g/litre, at an interval of 12-15 days, to effectively reduce pest population.

Summer Maize:

Complete maize sowing by this after receipt of rainfall under optimum soil moisture condition. 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.

Vegetables:

Okra: Now the weather is optimum for okra planting. It can be grown throughout the year. Grow improved high yielding varieties - Utkal Gourav, Arka Anamika, Uphar, Parvati kranti and Hybrid Vars. can be grown - Varsa, Vijay, Vishal, Tara, Adhunik, Atyadhunik, and Supriy. Plough the land thoroughly and remove the weeds. Apply 10 cartloads of FYM per acre during final land preparation and apply 45:25 :35kg NPK/acre as basal for improved vars and 20-25 cartloads of FYM per acre during final land preparation and apply 80:40:40 kg NPK/acre as basal for improved vars. For line sowing use 5 to 7 Kg seeds/acre for improved Vars. and 1250 to 1500 g seeds/acre for hybrid Vars. Sow the seeds in lines at 30x30cm space for improved Vars. and at 60x45 cm. spacing for hybrid Varieties.

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 zineb75%WP 2gram/litr of water. Cercospora leaf spot may be found after rainfall, if observe, then spray Carbendazim or zineb75%WP 2gram/litr of water. If helicoverpa infestation will be found, spray Flunendiamide or indoxacarb 2ml/litr of water.

Cucurbits: To manage Red Pumpkin Beetle in Cucurbit crops spray Cyantraniliprole 10.26% OD @ 400-ml/acre or Imidacloprid 17.8% SL @ 60-ml/ acre or Chlorpyriphos 20% EC @ 400-ml/acre. Late Blight may happen due to rising day temperature. There are chances of infestation of Downy Mildew, leaf 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.

Pointed gourd is at flowering and fruiting stage. Don't go for weeding. The grasses and weeds will help in maintaining the humidity and it is safe for creeping of the vines and does not allow the fruit to come in contact with soil and avoid fruit rot.

High temperature leads to fungal wilting in pointed gourd, spray 1.5 ml Carbendazim in 1 litre water. Present weather may aggravate fruit and vine rot (symptoms: leaf spot, leaf blight, stem rot, fruit rot) of pointed gourd. If observe remove damaged fruit and vines from the field and should not be kept in and around the field. Spray alternately Copper Oxychloride 50% WP @ 3 g/litre of water and Metalaxyl 8% + Mancozeb 64% @ 2.5 g/litre of water in clear and dry weather.

Animal husbandry: Keep farm animals indoor during thunderstorm period.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-183
Date- 09/04/2021

AGROMET ADVISORY BULLETIN FOR CUTTACK SADAR

District Past week weather condition and Block past Rainfall condition

The block received 17.4 mm and district received 9.56 mm rainfall during the last week. The mean daily maximum and minimum temperature was 36°C and 24°C, respectively. Mean relative humidity of the district was around 81-59%.

Forecasted period: Today(8.30IST) to 14th April (8.30IST)2021

Weather advisory: **Light to Moderate rainfall/Thundershower is forecasted for tomorrow and light rainfall is forecasted for today and Monday and dry weather is forecasted for Sunday and Tuesday in the block.** The day temperature will be 32-36°C and night temperature will be 24-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 88-97% and 16-40% respectively. There will be mainly clear to partly cloudy sky for next 5 days.

Block	Cuttack sadar (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	10/04/2021	11/04/2021	12/04/2021	13/04/2021	14/04/2021
Rainfall(mm)	6	12	0	7	0
T-Max(°C)	32	35	36	35	35
T-Min(°C)	25	24	25	26	26
Cloud Cover(octa)	4	0	1	3	2
RH Max (%)	95	93	97	89	88
RH Min (%)	40	19	16	18	25
Wind Speed (Kmph)	16	16	14	10	16
Wind Direction (deg)	180	203	203	203	203

Agromet Advisory

General advisory: **Harvest matured mustard, groundnut, potato, cucurbits and other vegetables before thundershower and keep it in safer places. Farmers should carry out intercultural operations and fertilizer, pesticide applications in dry days. It is the ideal time for sowing of cowpea, okra, cluster bean, pumpkin, cucumber and watermelon. Carry out transplanting of vegetables in afternoon hours. Farmers should stop irrigation activities on rainy days.**

Pulses:

November to December sown crop is at pod formation to seed development (nine to twelve week) 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. Present weather is congenial for **Cercospora leaf spot** infestation in black gram crop. On occurrence, immediately spray Agrimycin or Streptomycin 2 g/litre, at an interval of 12-15 days, to effectively reduce pest population.

Summer Maize:

Complete maize sowing by this after receipt of rainfall under optimum soil moisture condition. 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.

Vegetables:

Okra: Now the weather is optimum for okra planting. It can be grown throughout the year. Grow improved high yielding varieties - Utkal Gourav, Arka Anamika, Uphar, Parvati kranti and Hybrid Vars. can be grown - Varsa, Vijay, Vishal, Tara, Adhunik, Atyadhunik, and Supriy. Plough the land thoroughly and remove the weeds. Apply 10 cartloads of FYM per acre during final land preparation and apply 45:25 :35kg NPK/acre as basal for improved vars and 20-25 cartloads of FYM per acre during final land preparation and apply 80:40:40 kg NPK/acre as basal for improved vars. For line sowing use 5 to 7 Kg seeds/acre for improved Vars. and 1250 to 1500 g seeds/acre for hybrid Vars. Sow the seeds in lines at 30x30cm space for improved Vars. and at 60x45 cm. spacing for hybrid Varieties.

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 zineb75%WP 2gram/litre of water. **Cercospora leaf spot** may be found after rainfall, if observe, then spray Carbendazim or zineb75%WP 2gram/litre of water. If **helioverpa infestation** will be found, spray Flunendiamide or indoxacarb 2ml/litre of water.

Cucurbits: To manage **Red Pumpkin Beetle** in Cucurbit crops spray Cyantraniliprole 10.26% OD @ 400-ml/acre or Imidacloprid 17.8% SL @ 60-ml/ acre or Chlorpyriphos 20% EC @ 400-ml/acre. **Late Blight** may happen due to rising day temperature. There are chances of infestation of **Downy Mildew**, leaf 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.

Pointed gourd is at flowering and fruiting stage. Don't go for weeding. The grasses and weeds will help in maintaining the humidity and it is safe for creeping of the vines and does not allow the fruit to come in contact with soil and avoid fruit rot.

High temperature leads to fungal wilting in pointed gourd, spray 1.5 ml Carbendazim in 1 litre water. Present weather may aggravate fruit and vine rot (symptoms: **leaf spot, leaf blight, stem rot, fruit rot**) of pointed gourd. If observe remove damaged fruit and vines from the field and should not be kept in and around the field. Spray alternately Copper Oxychloride 50% WP @ 3 g/litre of water and Metalaxyl 8% + Mancozeb 64% @ 2.5 g/litre of water in clear and dry weather.

Animal husbandry: Keep farm animals indoor during thunderstorm period.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-183
Date- 09/04/2021

AGROMET ADVISORY BULLETIN FOR KANTAPADA

District Past week weather condition and Block past Rainfall condition

The block received 03 mm and district received 9.56 mm rainfall during the last week. The mean daily maximum and minimum temperature was 36°C and 24°C, respectively. Mean relative humidity of the district was around 81-59%.

Forecasted period: Today(8.30IST) to 14th April (8.30IST)2021

Weather advisory: Light to Moderate rainfall/Thundershower is forecasted for tomorrow and light rainfall is forecasted for today, Monday and dry weather is forecasted for Sunday and Tuesday in the block. The day temperature will be 30-36°C and night temperature will be 24-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 88-97% and 21-48% 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	10/04/2021	11/04/2021	12/04/2021	13/04/2021	14/04/2021
Rainfall(mm)	6	11	0	7	0
T-Max(°C)	30	35	35	36	34
T-Min(°C)	24	24	25	26	25
Cloud Cover(octa)	4	0	0	2	2
RH Max (%)	95	94	97	93	88
RH Min (%)	48	24	21	25	34
Wind Speed (Kmph)	16	18	16	12	19
Wind Direction (deg)	198	203	207	203	203

Agromet Advisory

General advisory: Harvest matured mustard, groundnut, potato, cucurbits and other vegetables before thundershower and keep it in safer places. Farmers should carry out intercultural operations and fertilizer, pesticide applications in dry days. It is the ideal time for sowing of cowpea, okra, cluster bean, pumpkin, cucumber and watermelon. Carry out transplanting of vegetables in afternoon hours. Farmers should stop irrigation activities on rainy days.

Pulses:

November to December sown crop is at pod formation to seed development (nine to twelve week) 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. Present weather is congenial for Cercospora leaf spot infestation in black gram crop. On occurrence, immediately spray Agrimycin or Streptomycin 2 g/litre, at an interval of 12-15 days, to effectively reduce pest population.

Summer Maize:

Complete maize sowing by this after receipt of rainfall under optimum soil moisture condition. 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% Chlorpyrifos 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.

Vegetables:

Okra: Now the weather is optimum for okra planting. It can be grown throughout the year. Grow improved high yielding varieties - Utkal Gourav, Arka Anamika, Uphar, Parvati kranti and Hybrid Vars. can be grown - Varsa, Vijay, Vishal, Tara, Adhunik, Atyadhunik, and Supriy. Plough the land thoroughly and remove the weeds. Apply 10 cartloads of FYM per acre during final land preparation and apply 45:25 :35kg NPK/acre as basal for improved vars and 20-25 cartloads of FYM per acre during final land preparation and apply 80:40:40 kg NPK/acre as basal for improved vars. For line sowing use 5 to 7 Kg seeds/acre for improved Vars. and 1250 to 1500 g seeds/acre for hybrid Vars. Sow the seeds in lines at 30x30cm space for improved Vars. and at 60x45 cm. spacing for hybrid Varieties.

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 zineb75%WP 2gram/litre of water. Cercospora leaf spot may be found after rainfall, if observe, then spray Carbendazim or zineb75%WP 2gram/litre of water. If helicoverpa infestation will be found, spray Flunendiamide or indoxacarb 2ml/litre of water.

Cucurbits: To manage Red Pumpkin Beetle in Cucurbit crops spray Cyantraniliprole 10.26% OD @ 400-ml/acre or Imidacloprid 17.8% SL @ 60-ml/ acre or Chlorpyrifos 20% EC @ 400-ml/acre. Late Blight may happen due to rising day temperature. There are chances of infestation of Downy Mildew, leaf 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.

Pointed gourd is at flowering and fruiting stage. Don't go for weeding. The grasses and weeds will help in maintaining the humidity and it is safe for creeping of the vines and does not allow the fruit to come in contact with soil and avoid fruit rot.

High temperature leads to fungal wilting in pointed gourd, spray 1.5 ml Carbendazim in 1 litre water. Present weather may aggravate fruit and vine rot (symptoms: leaf spot, leaf blight, stem rot, fruit rot) of pointed gourd. If observe remove damaged fruit and vines from the field and should not be kept in and around the field. Spray alternately Copper Oxychloride 50% WP @ 3 g/litre of water and Metalaxyl 8% + Mancozeb 64% @ 2.5 g/litre of water in clear and dry weather.

Animal husbandry: Keep farm animals indoor during thunderstorm period.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-183
Date- 09/04/2021

AGROMET ADVISORY BULLETIN FOR MAHANGA

District Past week weather condition and Block past Rainfall condition

The block received 16 mm and district received 9.56 mm rainfall during the last week. The mean daily maximum and minimum temperature was 36°C and 24°C, respectively. Mean relative humidity of the district was around 81-59%.

Forecasted period: Today(8.30IST) to 14th April (8.30IST)2021

Weather advisory: **Light to Moderate rainfall/Thundershower is forecasted for tomorrow and light rainfall is forecasted for today, Monday and dry weather is forecasted for Sunday and Tuesday in the block.** The day temperature will be and it will be 33-36°C and night temperature will be 24-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 87-98% and 19-42% respectively. There will be mainly clear to partly cloudy sky for next 5 days.

Block	Mahanga (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	10/04/2021	11/04/2021	12/04/2021	13/04/2021	14/04/2021
Rainfall(mm)	6	11	0	8	0
T-Max(°C)	33	35	36	35	35
T-Min(°C)	25	24	25	26	25
Cloud Cover(octal)	3	0	1	3	2
RH Max (%)	92	94	98	87	88
RH Min (%)	42	21	19	23	25
Wind Speed (Kmph)	16	17	15	12	17
Wind Direction (deg)	198	203	199	210	203

Agromet Advisory

General advisory: **Harvest matured mustard, groundnut, potato, cucurbits and other vegetables before thundershower and keep it in safer places. Farmers should carry out intercultural operations and fertilizer, pesticide applications in dry days. It is the ideal time for sowing of cowpea, okra, cluster bean, pumpkin, cucumber and watermelon. Carry out transplanting of vegetables in afternoon hours. Farmers should stop irrigation activities on rainy days.**

Pulses:

November to December sown crop is at pod formation to seed development (nine to twelve week) 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. Present weather is congenial for **Cercospora leaf spot** infestation in black gram crop. On occurrence, immediately spray Agrimycin or Streptomycin 2 g/litre, at an interval of 12-15 days, to effectively reduce pest population.

Summer Maize:

Complete maize sowing by this after receipt of rainfall under optimum soil moisture condition. 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% Chlorpyrifos 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.

Vegetables:

Okra: Now the weather is optimum for okra planting. It can be grown throughout the year. Grow improved high yielding varieties - Utkal Gourav, Arka Anamika, Uphar, Parvati kranti and Hybrid Vars. can be grown - Varsa, Vijay, Vishal, Tara, Adhunik, Atyadhunik, and Supriy. Plough the land thoroughly and remove the weeds. Apply 10 cartloads of FYM per acre during final land preparation and apply 45:25 :35kg NPK/acre as basal for improved vars and 20-25 cartloads of FYM per acre during final land preparation and apply 80:40:40 kg NPK/acre as basal for improved vars. For line sowing use 5 to 7 Kg seeds/acre for improved Vars. and 1250 to 1500 g seeds/acre for hybrid Vars. Sow the seeds in lines at 30x30cm space for improved Vars. and at 60x45 cm. spacing for hybrid Varieties.

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 zineb75%WP 2gram/litre of water. **Cercospora leaf spot** may be found after rainfall, if observe, then spray Carbendazim or zineb75%WP 2gram/litre of water. If **helicoverpa infestation** will be found, spray Flunendiamide or indoxacarb 2ml/litre of water.

Cucurbits: To manage **Red Pumpkin Beetle** in Cucurbit crops spray Cyantraniliprole 10.26% OD @ 400-ml/acre or Imidacloprid 17.8% SL @ 60-ml/ acre or Chlorpyrifos 20% EC @ 400-ml/acre. **Late Blight** may happen due to rising day temperature. There are chances of infestation of **Downy Mildew**, leaf 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.

Pointed gourd is at flowering and fruiting stage. Don't go for weeding .The grasses and weeds will help in maintaining the humidity and it is safe for creeping of the vines and does not allow the fruit to come in contact with soil and avoid fruit rot.

High temperature leads to fungal wilting in pointed gourd, spray 1.5 ml Carbendazim in 1 litre water. Present weather may aggravate fruit and vine rot (symptoms: **leaf spot, leaf blight, stem rot, fruit rot**) of pointed gourd. If observe remove damaged fruit and vines from the field and should not be kept in and around the field. Spray alternately Copper Oxychloride 50% WP @ 3 g/litre of water and Metalaxyl 8% + Mancozeb 64% @ 2.5 g/litre of water in clear and dry weather.

Animal husbandry: Keep farm animals indoor during thunderstorm period.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-183
Date- 09/04/2021

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

The block received 0 mm and district received 9.56 mm rainfall during the last week. The mean daily maximum and minimum temperature was 36°C and 24°C, respectively. Mean relative humidity of the district was around 81-59%.

Forecasted period: Today(8.30IST) to 14th April (8.30IST)2021

Weather advisory: Light to Moderate rainfall/Thundershower is forecasted for today and Monday and very light to light rainfall is forecasted for tomorrow and Sunday and dry weather is forecasted for Tuesday in the block. The day temperature will be 34-37°C and night temperature will be 24-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 67-81% and 17-28% respectively. There will be mainly clear to partly cloudy sky for next 5 days.

Block	Narasinghpur (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	10/04/2021	11/04/2021	12/04/2021	13/04/2021	14/04/2021
Rainfall(mm)	13	6	2	14	0
T-Max(°C)	37	35	37	34	36
T-Min(°C)	25	25	26	24	25
Cloud Cover(/octa)	5	0	3	3	2
RH Max (%)	80	67	67	81	78
RH Min (%)	28	19	17	24	21
Wind Speed (Kmph)	9	9	9	6	8
Wind Direction (deg)	158	193	158	195	203

Agromet Advisory

General advisory: Harvest matured mustard, groundnut, potato, cucurbits and other vegetables before thundershower and keep it in safer places. Farmers should carry out intercultural operations and fertilizer, pesticide applications in dry days. It is the ideal time for sowing of cowpea, okra, cluster bean, pumpkin, cucumber and watermelon. Carry out transplanting of vegetables in afternoon hours. Farmers should stop irrigation activities on rainy days.

Pulses:

November to December sown crop is at pod formation to seed development (nine to twelve week) 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. Present weather is congenial for Cercospora leaf spot infestation in black gram crop. On occurrence, immediately spray Agrimycin or Streptomycin 2 g/litre, at an interval of 12-15 days, to effectively reduce pest population.

Summer Maize:

Complete maize sowing by this after receipt of rainfall under optimum soil moisture condition. 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% Chlorpyrifos 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.

Vegetables:

Okra: Now the weather is optimum for okra planting. It can be grown throughout the year. Grow improved high yielding varieties - Utkal Gourav, Arka Anamika, Uphar, Parvati kranti and Hybrid Vars. can be grown - Varsa, Vijay, Vishal, Tara, Adhunik, Atyadhunik, and Supriy. Plough the land thoroughly and remove the weeds. Apply 10 cartloads of FYM per acre during final land preparation and apply 45:25 :35kg NPK/acre as basal for improved vars and 20-25 cartloads of FYM per acre during final land preparation and apply 80:40:40 kg NPK/acre as basal for improved vars. For line sowing use 5 to 7 Kg seeds/acre for improved Vars. and 1250 to 1500 g seeds/acre for hybrid Vars. Sow the seeds in lines at 30x30cm space for improved Vars. and at 60x45 cm. spacing for hybrid Varieties.

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 zineb75%WP 2gram/litr of water. Cercospora leaf spot may be found after rainfall, if observe, then spray Carbendazim or zineb75%WP 2gram/litr of water. If helicoverpa infestation will be found, spray Flunendiamide or indoxacarb 2ml/litr of water.

Cucurbits: To manage Red Pumpkin Beetle in Cucurbit crops spray Cyantraniliprole 10.26% OD @ 400-ml/acre or Imidacloprid 17.8% SL @ 60-ml/ acre or Chlorpyrifos 20% EC @ 400-ml/acre. Late Blight may happen due to rising day temperature. There are chances of infestation of Downy Mildew, leaf 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.

Pointed gourd is at flowering and fruiting stage. Don't go for weeding. The grasses and weeds will help in maintaining the humidity and it is safe for creeping of the vines and does not allow the fruit to come in contact with soil and avoid fruit rot.

High temperature leads to fungal wilting in pointed gourd, spray 1.5 ml Carbendazim in 1 litre water. Present weather may aggravate fruit and vine rot (symptoms: leaf spot, leaf blight, stem rot, fruit rot) of pointed gourd. If observe remove damaged fruit and vines from the field and should not be kept in and around the field. Spray alternately Copper Oxychloride 50% WP @ 3 g/litre of water and Metalaxyl 8% + Mancozeb 64% @ 2.5 g/litre of water in clear and dry weather.

Animal husbandry: Keep farm animals indoor during thunderstorm period.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-183
Date- 09/04/2021

AGROMET ADVISORY BULLETIN FOR NIALI

District Past week weather condition and Block past Rainfall condition

The block received 0 mm and district received 9.56 mm rainfall during the last week. The mean daily maximum and minimum temperature was 36°C and 24°C, respectively. Mean relative humidity of the district was around 81-59%.

Forecasted period: Today(8.30IST) to 14th April (8.30IST)2021

Weather advisory: Light to Moderate rainfall/Thundershower is forecasted for tomorrow and light rainfall is forecasted for today, Monday and dry weather is forecasted for Sunday and Tuesday in the block. The day temperature will be 30-35°C and night temperature will be 24-25°C for upcoming 5 days. Maximum and minimum relative humidity will be 88-96% and 26-51% 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	10/04/2021	11/04/2021	12/04/2021	13/04/2021	14/04/2021
Rainfall(mm)	6	11	0	8	0
T-Max(°C)	30	34	35	35	34
T-Min(°C)	24	24	25	25	25
Cloud Cover(octa)	5	0	0	2	2
RH Max (%)	93	93	96	94	88
RH Min (%)	51	30	26	32	38
Wind Speed(Kmph)	16	18	16	14	19
Wind Direction(deg)	201	203	207	203	203

Agromet Advisory

General advisory: Harvest matured mustard, groundnut, potato, cucurbits and other vegetables before thundershower and keep it in safer places. Farmers should carry out intercultural operations and fertilizer, pesticide applications in dry days. It is the ideal time for sowing of cowpea, okra, cluster bean, pumpkin, cucumber and watermelon. Carry out transplanting of vegetables in afternoon hours. Farmers should stop irrigation activities on rainy days.

Pulses:

November to December sown crop is at pod formation to seed development (nine to twelve week) 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. Present weather is congenial for **Cercospora leaf spot** infestation in black gram crop. On occurrence, immediately spray Agrimycin or Streptomycin 2 g/litre, at an interval of 12-15 days, to effectively reduce pest population.

Summer Maize:

Complete maize sowing by this after receipt of rainfall under optimum soil moisture condition. 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.

Vegetables:

Okra: Now the weather is optimum for okra planting. It can be grown throughout the year. Grow improved high yielding varieties - Utkal Gourav, Arka Anamika, Uphar, Parvati kranti and Hybrid Vars. can be grown - Varsa, Vijay, Vishal, Tara, Adhunik, Atyadhunik, and Supriy. Plough the land thoroughly and remove the weeds. Apply 10 cartloads of FYM per acre during final land preparation and apply 45:25 :35kg NPK/acre as basal for improved vars and 20-25 cartloads of FYM per acre during final land preparation and apply 80:40:40 kg NPK/acre as basal for improved vars. For line sowing use 5 to 7 Kg seeds/acre for improved Vars. and 1250 to 1500 g seeds/acre for hybrid Vars. Sow the seeds in lines at 30x30cm space for improved Vars. and at 60x45 cm. spacing for hybrid Varieties.

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 zineb75%WP 2gram/litr of water. **Cercospora leaf spot** may be found after rainfall, if observe, then spray Carbendazim or zineb75%WP 2gram/litr of water. If **helicoverpa infestation** will be found, spray Flunendiamide or indoxacarb 2ml/litr of water.

Cucurbits: To manage **Red Pumpkin Beetle** in Cucurbit crops spray Cyantraniliprole 10.26% OD @ 400-ml/acre or Imidacloprid 17.8% SL @ 60-ml/ acre or Chlorpyriphos 20% EC @ 400-ml/acre. **Late Blight** may happen due to rising day temperature. There are chances of infestation of **Downy Mildew**, leaf 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.

Pointed gourd is at flowering and fruiting stage. Don't go for weeding. The grasses and weeds will help in maintaining the humidity and it is safe for creeping of the vines and does not allow the fruit to come in contact with soil and avoid fruit rot.

High temperature leads to fungal wilting in pointed gourd, spray 1.5 ml Carbendazim in 1 litre water. Present weather may aggravate fruit and vine rot (symptoms: **leaf spot, leaf blight, stem rot, fruit rot**) of pointed gourd. If observe remove damaged fruit and vines from the field and should not be kept in and around the field. Spray alternately Copper Oxychloride 50% WP @ 3 g/litre of water and Metalaxyl 8% + Mancozeb 64% @ 2.5 g/litre of water in clear and dry weather.

Animal husbandry: Keep farm animals indoor during thunderstorm period.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-183
Date- 09/04/2021

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

The block received 8.3 mm and district received 9.56 mm rainfall during the last week. The mean daily maximum and minimum temperature was 36°C and 24°C, respectively. Mean relative humidity of the district was around 81-59%.

Forecasted period: Today(8.30IST) to 14th April (8.30IST)2021

Weather advisory: **Light to Moderate rainfall/Thundershower is forecasted for tomorrow and light rainfall is forecasted for today, Monday and dry weather is forecasted for Sunday and Tuesday in the block.** The day temperature will be 32-36°C and night temperature will be 24-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 88-97% and 20-45% 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	10/04/2021	11/04/2021	12/04/2021	13/04/2021	14/04/2021
Rainfall(mm)	7	12	0	8	0
T-Max(°C)	32	35	36	36	35
T-Min(°C)	25	24	25	26	25
Cloud Cover(octa)	3	0	1	3	2
RH Max (%)	93	94	97	90	88
RH Min (%)	45	22	20	24	28
Wind Speed (Kmph)	16	17	16	12	18
Wind Direction (deg)	198	203	199	180	203

Agromet Advisory

General advisory: **Harvest matured mustard, groundnut, potato, cucurbits and other vegetables before thundershower and keep it in safer places. Farmers should carry out intercultural operations and fertilizer, pesticide applications in dry days. It is the ideal time for sowing of cowpea, okra, cluster bean, pumpkin, cucumber and watermelon. Carry out transplanting of vegetables in afternoon hours. Farmers should stop irrigation activities on rainy days.**

Pulses:

November to December sown crop is at pod formation to seed development (nine to twelve week) 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. Present weather is congenial for **Cercospora leaf spot** infestation in black gram crop. On occurrence, immediately spray Agrimycin or Streptomycin 2 g/litre, at an interval of 12-15 days, to effectively reduce pest population.

Summer Maize:

Complete maize sowing by this after receipt of rainfall under optimum soil moisture condition. 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.

Vegetables:

Okra: Now the weather is optimum for okra planting. It can be grown throughout the year. Grow improved high yielding varieties - Utkal Gourav, Arka Anamika, Uphar, Parvati kranti and Hybrid Vars. can be grown - Varsa, Vijay, Vishal, Tara, Adhunik, Atyadhunik, and Supriy. Plough the land thoroughly and remove the weeds. Apply 10 cartloads of FYM per acre during final land preparation and apply 45:25 :35kg NPK/acre as basal for improved vars and 20-25 cartloads of FYM per acre during final land preparation and apply 80:40:40 kg NPK/acre as basal for improved vars. For line sowing use 5 to 7 Kg seeds/acre for improved Vars. and 1250 to 1500 g seeds/acre for hybrid Vars. Sow the seeds in lines at 30x30cm space for improved Vars. and at 60x45 cm. spacing for hybrid Varieties.

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 zineb75%WP 2gram/litr of water.**Cercospora leaf spot** may be found after rainfall, if observe, then spray Carbendazim or zineb75%WP 2gram/litr of water. If **helicoverpa infestation** will be found, spray Flunendiamide or indoxacarb 2ml/litr of water.

Cucurbits: To manage **Red Pumpkin Beetle** in Cucurbit crops spray Cyantraniliprole 10.26% OD @ 400-ml/acre or Imidacloprid 17.8% SL @ 60-ml/ acre or Chlorpyriphos 20% EC @ 400-ml/acre. **Late Blight** may happen due to rising day temperature. There are chances of infestation of **Downy Mildew**, leaf 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.

Pointed gourd is at flowering and fruiting stage. Don't go for weeding. The grasses and weeds will help in maintaining the humidity and it is safe for creeping of the vines and does not allow the fruit to come in contact with soil and avoid fruit rot.

High temperature leads to fungal wilting in pointed gourd, spray 1.5 ml Carbendazim in 1 litre water. Present weather may aggravate fruit and vine rot (symptoms: **leaf spot, leaf blight, stem rot, fruit rot**) of pointed gourd. If observe remove damaged fruit and vines from the field and should not be kept in and around the field. Spray alternately Copper Oxychloride 50% WP @ 3 g/litre of water and Metalaxyl 8% + Mancozeb 64% @ 2.5 g/litre of water in clear and dry weather.

Animal husbandry: Keep farm animals indoor during thunderstorm period.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-183
Date- 09/04/2021

AGROMET ADVISORY BULLETIN FOR SALEPUR

District Past week weather condition and Block past Rainfall condition

The block received 0 mm and district received 9.56 mm rainfall during the last week. The mean daily maximum and minimum temperature was 36°C and 24°C, respectively. Mean relative humidity of the district was around 81-59%.

Forecasted period: Today(8.30IST) to 14th April (8.30IST)2021

Weather advisory: **Light to Moderate rainfall/Thundershower is forecasted for tomorrow and light rainfall is forecasted for today, Monday and dry weather is forecasted for Sunday and Tuesday in the block.** The day temperature will be 32-35°C and night temperature will be 24-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 88-97% and 19-45% respectively. There will be mainly clear to partly cloudy sky for next 5 days.

Block	Salepur (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	10/04/2021	11/04/2021	12/04/2021	13/04/2021	14/04/2021
Rainfall(mm)	6	12	0	9	0
T-Max(°C)	32	35	35	35	35
T-Min(°C)	25	24	25	26	25
Cloud Cover(octa)	3	0	1	3	2
RH Max (%)	93	94	97	90	88
RH Min (%)	45	21	19	23	28
Wind Speed (Kmph)	16	17	15	11	18
Wind Direction (deg)	198	203	199	210	203

Agromet Advisory

General advisory: **Harvest matured mustard, groundnut, potato, cucurbits and other vegetables before thundershower and keep it in safer places. Farmers should carry out intercultural operations and fertilizer, pesticide applications in dry days. It is the ideal time for sowing of cowpea, okra, cluster bean, pumpkin, cucumber and watermelon. Carry out transplanting of vegetables in afternoon hours. Farmers should stop irrigation activities on rainy days.**

Pulses:

November to December sown crop is at pod formation to seed development (nine to twelve week) 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. Present weather is congenial for **Cercospora leaf spot** infestation in black gram crop. On occurrence, immediately spray Agrimycin or Streptomycin 2 g/litre, at an interval of 12-15 days, to effectively reduce pest population.

Summer Maize:

Complete maize sowing by this after receipt of rainfall under optimum soil moisture condition. 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.

Vegetables:

Okra: Now the weather is optimum for okra planting. It can be grown throughout the year. Grow improved high yielding varieties - Utkal Gourav, Arka Anamika, Uphar, Parvati kranti and Hybrid Vars. can be grown - Varsa, Vijay, Vishal, Tara, Adhunik, Atyadhunik, and Supriy. Plough the land thoroughly and remove the weeds. Apply 10 cartloads of FYM per acre during final land preparation and apply 45:25 :35kg NPK/acre as basal for improved vars and 20-25 cartloads of FYM per acre during final land preparation and apply 80:40:40 kg NPK/acre as basal for improved vars. For line sowing use 5 to 7 Kg seeds/acre for improved Vars. and 1250 to 1500 g seeds/acre for hybrid Vars. Sow the seeds in lines at 30x30cm space for improved Vars. and at 60x45 cm. spacing for hybrid Varieties.

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 zineb75%WP 2gram/litr of water.**Cercospora leaf spot** may be found after rainfall, if observe, then spray Carbendazim or zineb75%WP 2gram/litr of water. If **helicoverpa infestation** will be found, spray Flunendiamide or indoxacarb 2ml/litr of water.

Cucurbits: To manage **Red Pumpkin Beetle** in Cucurbit crops spray Cyantraniliprole 10.26% OD @ 400-ml/acre or Imidacloprid 17.8% SL @ 60-ml/ acre or Chlorpyriphos 20% EC @ 400-ml/acre. **Late Blight** may happen due to rising day temperature. There are chances of infestation of **Downy Mildew**, leaf 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.

Pointed gourd is at flowering and fruiting stage. Don't go for weeding .The grasses and weeds will help in maintaining the humidity and it is safe for creeping of the vines and does not allow the fruit to come in contact with soil and avoid fruit rot.

High temperature leads to fungal wilting in pointed gourd, spray 1.5 ml Carbendazim in 1 litre water. Present weather may aggravate fruit and vine rot (symptoms: **leaf spot, leaf blight, stem rot, fruit rot**) of pointed gourd. If observe remove damaged fruit and vines from the field and should not be kept in and around the field. Spray alternately Copper Oxychloride 50% WP @ 3 g/litre of water and Metalaxyl 8% + Mancozeb 64% @ 2.5 g/litre of water in clear and dry weather.

Animal husbandry: Keep farm animals indoor during thunderstorm period.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-183
Date- 09/04/2021

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

The block received 1.4 mm and district received 9.56 mm rainfall during the last week. The mean daily maximum and minimum temperature was 36°C and 24°C, respectively. Mean relative humidity of the district was around 81-59%.

Forecasted period: Today (8.30IST) to 14th April (8.30IST) 2021

Weather advisory: Light to Moderate rainfall/Thundershower is forecasted for today, tomorrow, Monday and dry weather is forecasted for Sunday and Tuesday in the block. The day temperature will be 33-36°C and night temperature will be 25-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 88-93% and 36-56% respectively. There will be mainly clear to partly cloudy sky for next 5 days.

Block	Tangi-Choudwar (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	10/04/2021	11/04/2021	12/04/2021	13/04/2021	14/04/2021
Rainfall(mm)	9	6	0	8	0
T-Max(°C)	33	35	36	36	35
T-Min(°C)	25	25	25	26	26
Cloud Cover(octa)	3	0	0	2	1
RH Max (%)	90	89	93	90	88
RH Min (%)	56	41	36	44	43
Wind Speed (Kmph)	18	20	19	19	21
Wind Direction (deg)	204	207	207	240	204

Agromet Advisory

General advisory: Harvest matured mustard, groundnut, potato, cucurbits and other vegetables before thundershower and keep it in safer places. Farmers should carry out intercultural operations and fertilizer, pesticide applications in dry days. It is the ideal time for sowing of cowpea, okra, cluster bean, pumpkin, cucumber and watermelon. Carry out transplanting of vegetables in afternoon hours. Farmers should stop irrigation activities on rainy days.

Pulses:

November to December sown crop is at pod formation to seed development (nine to twelve week) 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. Present weather is congenial for **Cercospora leaf spot** infestation in black gram crop. On occurrence, immediately spray Agrimycin or Streptomycin 2 g/litre, at an interval of 12-15 days, to effectively reduce pest population.

Summer Maize:

Complete maize sowing by this after receipt of rainfall under optimum soil moisture condition. 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% Chlorpyrifos 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.

Vegetables:

Okra: Now the weather is optimum for okra planting. It can be grown throughout the year. Grow improved high yielding varieties - Utkal Gourav, Arka Anamika, Uphar, Parvati kranti and Hybrid Vars. can be grown - Varsa, Vijay, Vishal, Tara, Adhunik, Atyadhunik, and Supriy. Plough the land thoroughly and remove the weeds. Apply 10 cartloads of FYM per acre during final land preparation and apply 45:25 :35kg NPK/acre as basal for improved vars and 20-25 cartloads of FYM per acre during final land preparation and apply 80:40:40 kg NPK/acre as basal for improved vars. For line sowing use 5 to 7 Kg seeds/acre for improved Vars. and 1250 to 1500 g seeds/acre for hybrid Vars. Sow the seeds in lines at 30x30cm space for improved Vars. and at 60x45 cm. spacing for hybrid Varieties.

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 zineb75%WP 2gram/litr of water. **Cercospora leaf spot** may be found after rainfall, if observe, then spray Carbendazim or zineb75%WP 2gram/litr of water. If **helicoverpa infestation** will be found, spray Flunendiamide or indoxacarb 2ml/litr of water.

Cucurbits: To manage **Red Pumpkin Beetle** in Cucurbit crops spray Cyantraniliprole 10.26% OD @ 400-ml/acre or Imidacloprid 17.8% SL @ 60-ml/ acre or Chlorpyrifos 20% EC @ 400-ml/acre. **Late Blight** may happen due to rising day temperature. There are chances of infestation of **Downy Mildew**, leaf 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.

Pointed gourd is at flowering and fruiting stage. Don't go for weeding. The grasses and weeds will help in maintaining the humidity and it is safe for creeping of the vines and does not allow the fruit to come in contact with soil and avoid fruit rot.

High temperature leads to fungal wilting in pointed gourd, spray 1.5 ml Carbendazim in 1 litre water. Present weather may aggravate fruit and vine rot (symptoms: **leaf spot**, **leaf blight**, **stem rot**, **fruit rot**) of pointed gourd. If observe remove damaged fruit and vines from the field and should not be kept in and around the field. Spray alternately Copper Oxychloride 50% WP @ 3 g/litre of water and Metalaxyl 8% + Mancozeb 64% @ 2.5 g/litre of water in clear and dry weather.

Animal husbandry: Keep farm animals indoor during thunderstorm period.

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.-183
Date- 09/04/2021

AGROMET ADVISORY BULLETIN FOR TIGIRIA

District Past week weather condition and Block past Rainfall condition

The block received 35 mm and district received 9.56 mm rainfall during the last week. The mean daily maximum and minimum temperature was 36°C and 24°C, respectively. Mean relative humidity of the district was around 81-59%.

Forecasted period: Today(8.30IST) to 14th April (8.30IST)2021

Weather advisory: Light to Moderate rainfall/Thundershower is forecasted for today and Monday and very light to light rainfall is forecasted for tomorrow and Sunday and dry weather is forecasted for Tuesday in the block. The day temperature will be 34-36°C and night temperature will be 25-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 81-90% and 16-31% respectively. There will be mainly clear to partly cloudy sky for next 5 days.

Block	Tigiria (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	10/04/2021	11/04/2021	12/04/2021	13/04/2021	14/04/2021
Rainfall(mm)	11	7	2	13	0
T-Max(°C)	35	35	36	34	35
T-Min(°C)	26	25	25	26	27
Cloud Cover(octa)	4	0	2	3	2
RH Max (%)	89	81	90	83	83
RH Min (%)	31	19	16	20	24
Wind Speed (Kmph)	15	14	13	11	13
Wind Direction (deg)	158	193	165	210	191

Agromet Advisory

General advisory: Harvest matured mustard, groundnut, potato, cucurbits and other vegetables before thundershower and keep it in safer places. Farmers should carry out intercultural operations and fertilizer, pesticide applications in dry days. It is the ideal time for sowing of cowpea, okra, cluster bean, pumpkin, cucumber and watermelon. Carry out transplanting of vegetables in afternoon hours. Farmers should stop irrigation activities on rainy days.

Pulses:

November to December sown crop is at pod formation to seed development (nine to twelve week) 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. Present weather is congenial for Cercospora leaf spot infestation in black gram crop. On occurrence, immediately spray Agrimycin or Streptomycin 2 g/litre, at an interval of 12-15 days, to effectively reduce pest population.

Summer Maize:

Complete maize sowing by this after receipt of rainfall under optimum soil moisture condition. 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.

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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://imdagrimet.gov.in/imdproject/AGIndex.php	