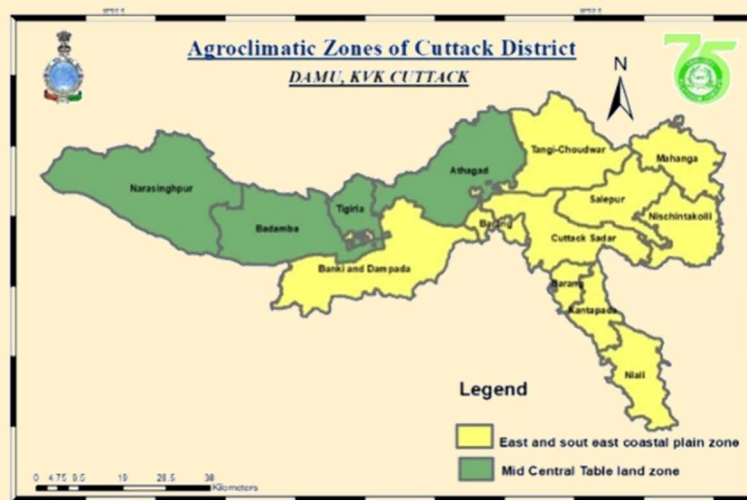




Cuttack District Block Wise Agro-met Advisory Service Bulletin

*Friday, 17th November, 2023
(For the period 17th to 21st November,
2023)*



*Issued by
District Agro-met Unit,
Krishi Vigyan Kendra Cuttack*



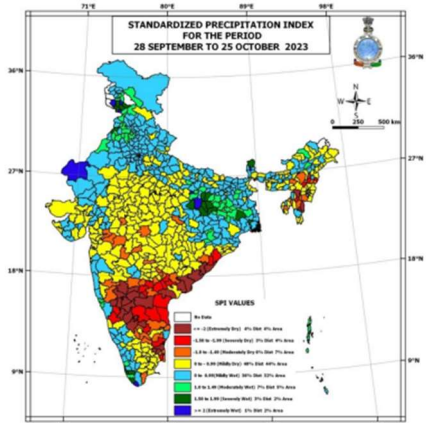
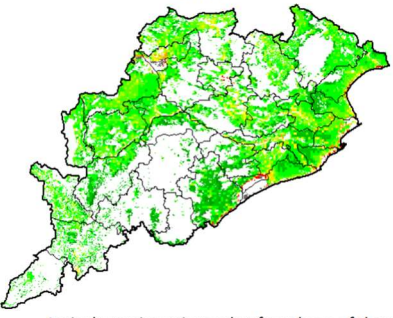


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DISTRICT AGROMET UNIT
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Bulletin No.-454
Date- 17/11/2023

STANDARD PRECIPITATION INDEX AND NDVI MAP

Standard Precipitation Index (SPI)	Normalized difference vegetation Index (NDVI)
<p>Standardised Precipitation Index for the period 28th September to 25th October 2023</p>  <p>As per SPI value (cumulative 4weeks -28 September to 25 October2023), Mildly drycondition was there in Cuttack district.</p>	<p>NOAA/VIIRS/BLENDED NDVI Composite ending on Week no 45 (05.11.2023 to 11.11.2023) over Agricultural region</p> <p style="text-align: center;">Odisha</p>  <p>Agriculture vigour is good at few places of the state.</p> <p>According to NDVI map (05.11.2023 to 11.11.2023) the agriculture vigor was light to moderate over isolated places of most of blocks and light over some part of Banki-Dampda, Athagad, Baranga and Niali.</p>

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

LEGEND (Past week temperature)		
Color code	Temperature	Departure
	Below Normal	< 2°C from normal
	Normal	-2°C to +2°C from normal
	Above Normal	>2°C from normal

DrRanjan Kumar Mohanta
(Nodal officer)



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

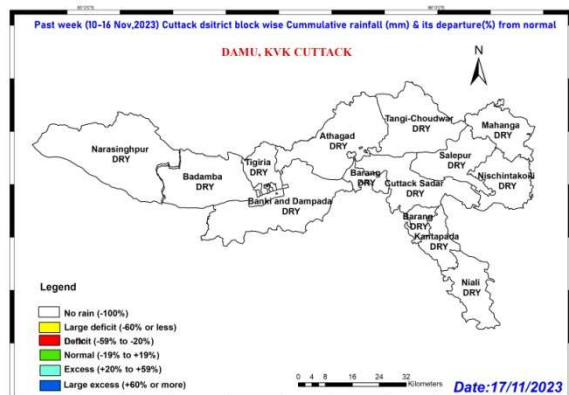


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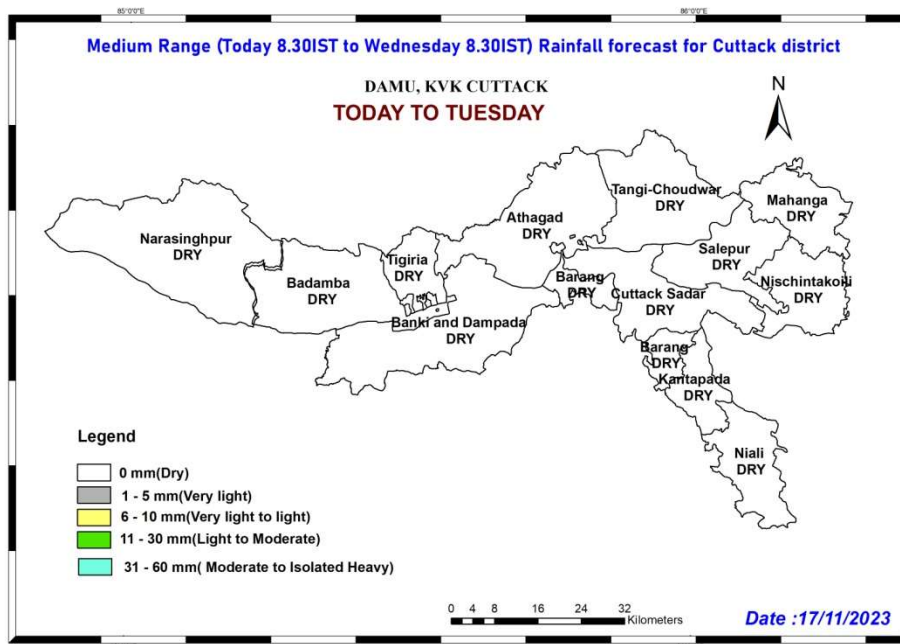


Bulletin No.-454
Date- 17/11/2023

Past week (10-16 Nov, 2023) cumulative rainfall (mm) & its departure% from normal and (11-17 Nov) average weekly minimum temperature and its departure from normal for Cuttack district



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



DrRanjan Kumar Mohanta
(Nodal officer)



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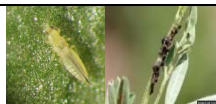
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Bulletin No.-454

Date- 17/11/2023

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	Rice	Milky grain stage to harvesting stage		Rice ear head bug
				Neck blast
				BPH
				Gundhi bug
2	Sugarcane	Grand growth stage to cane development stag		Wooly Aphid
				Scale insect
				White fly
				Mealy bug
3	Cole crops	Vegetative to fruiting		DBM
	Vegetables	Vegetative to fruiting		sucking pest(Aphid, Mites, Thrips)





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Bulletin No.-454

Date- 17/11/2023

AGROMET ADVISORY BULLETIN FOR ATHAGAD

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

The block received average 00mm&district received average 0mmrainfall during the last week. The mean daily maximum and minimum temperature was **30.4°C (-0.55°C from normal)** and **20.57°C (+1.9°C from normal)** respectively. Mean relative humidity of the district was around 71-74%.

Forecasted period: Today(8.30IST) to 22th November (8.30IST)2023

Weather advisory: *Dry weather is forecasted for upcoming 5 days in the block.* The day temperature will be **29-32°C** and night temperature will be **19-22°C** for upcoming 5 days. Maximum and minimum relative humidity will be 78-92% and 39-49% respectively. There will be clear to partly cloudy sky for next 5 days.

Block	Athagad (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	17/11/2023	18/11/2023	19/11/2023	20/11/2023	21/11/2023
Rainfall (mm)	0	0	0	0	0
T-Max (°C)	32	31	32	30	29
T-Min (°C)	22	21	21	20	19
Cloud Cover (octa)	6	8	7	8	6
RH Max (%)	88	91	78	92	80
RH Min (%)	45	49	39	46	44
Wind Speed (kmph)	7	6	8	8	8
Wind Direction (deg)	340	90	60	75	338

Agromet Advisory

General Advisory: *Harvest matured paddy crops and store them in safer place after sun drying. Complete nursery sowing or transplanting of winter vegetable crops. Irrigate the nursery during morning and evening time. Use low cost polythene cover above the vegetables nursery to avoid high evapotranspiration. Go for sowing of pea, gram and green gram crop by utilizing residual soil moisture*

Kharif Rice:

Paddy is grain formation to harvesting stage. **As dry weather is forecasted for upcoming 5 days, in early varieties if panicle turns 85% yellow and matured, then go for harvesting of the crop.** To prevent crop from **Gundhi bug** apply 5 ml neem baesd insecticide (300 ppm) per liter of water or spray 1.5 ml Lambda Cyhalothrin per liter of water. To control **rice ear head bug**, go for spraying of Dichlorovos @ 1ml/l during evening hours. Spray the chemical from borders to middle of the field. Present weather conditions is favourable for the incidence of **Neck blast** disease. To control, go for spraying of tricyclazole @ 0.6 g/l or Carbendazim @ 1 g / L. If infestation of **BPH & WBPH** occurs, it is advised to alter the micro-climate of the rice field by alternate wetting and drying technique. If problem still persists, apply 40g Thiamethoxam or 60g Flonicamid per acre in alternate basis.

PULSES:

21-26°C soil temperature is required for proper germination of pulses. This is the time for sowing of pre-rabi Black gram (Biri) and Green gram (Mung). Grow high yielding varieties like T 9, PU 11, PU 19 and PU 30 for black gram; and K 851, PDM 11, PDM 54, OUM 115 for green gram. Use 10 kg seeds/acre. Before sowing, seeds are to be treated with the Rhizobium culture. Apply 4 kg urea, 35 kg DAP and 13 kg MOP per acre during final land preparation. Sow the seeds in line of 30 cm apart with 10-15 cm plant to plant distance.

GROUNDNUT:

As dry weather is forecasted for upcoming 5 days, harvesting of Groundnut should be done if 75-80 % of pods are fully matured. The important indication of maturity is yellowing of foliage and necrotic spotting of leaves and dropping of older leaves.

Mustard:

Taking the advantage of available soil moisture due to recent rain, land preparation and sowing of the crop should be started to get optimum yield. Suitable varieties: Toria- Anuradha, Parbati, Sushree, Indian mustard- Mahyco bold, JD 6. Seed rate- 8-10 Kg/ha Spacing- 30 cm X 10 cm, Fertilizer dose: Toria @60:30:30 N-P2O5-K2O Kg/ha Mustard @ 80:40:40 N-P2O5-K2O Kg/ha. Apply 50%N and all P2O5 and K2O fertilizers should be applied as basal. **Apply irrigation in field if mustard was sown before 15-20 days.**

VEGETABLES:

- Go for early planting of cole crops like raddish, cabbage, cauliflower, beans, cluster bean and tomato. **In case of Cauliflower in this dry days before transplanting during final land preparation apply 8-10 ton FYM per acre and fertilizer like N:P:K each 25-30 Kg/acre should be applied.**
- Forecasted max and min temp is congenial for infestation of diamond back moth in cole crops.** To control this apply Spinosad 45SC @ 0.5ml/l.
- There is a chance of occurrence of **thrip, mites and Aphids** in Brinjal, Tomato, Chilli, cole crops, for control spray imidachloprid 0.3 ml /liter or fipronil 2 ml /liter of water.
- As Onion is shallow rooted crop, so at bulb initiation stage (after 60 days) due to forecasted dry weather farmers are advised to go for irrigation in the moisture sensitive stage.**

Animal husbandry: In winter during cold hours farmers should keep doors, windows and open spaces in sheds covered with polythene or gunny bag curtains to prevent direct contact to cold air.

DrRanjan Kumar Mohanta
(Nodal officer)



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Bulletin No.-454

Date- 17/11/2023

AGROMET ADVISORY BULLETIN FOR BADAMBA

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

The block received average 00mm&district received average 0mmrainfall during the last week. The mean daily maximum and minimum temperature was **30.4°C (-0.55°C from normal)** and **20.57°C (+1.9°C from normal)** respectively. Mean relative humidity of the district was around 71-74%.

Forecasted period: Today(8.30IST) to 22th November(8.30IST)2023

Weather advisory: *Dry weather is forecasted for upcoming 5 days in the block.* The day temperature will be **29-32°C** and night temperature will be **19-21°C** for upcoming 5 days. Maximum and minimum relative humidity will be 78-95% and 40-46% respectively. There will be clear to partly cloudy for next 5 days.

Block	Badamba (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	17/11/2023	18/11/2023	19/11/2023	20/11/2023	21/11/2023
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	32	32	32	30	29
T-Min(°C)	21	21	20	19	19
Cloud Cover(octa)	6	8	8	8	6
RH Max (%)	87	93	79	95	78
RH Min (%)	44	44	40	46	42
Wind Speed (Kmph)	7	6	7	8	7
Wind Direction (deg)	351	68	68	75	75

Agromet Advisory

General Advisory: *Harvest matured paddy crops and store them in safer place after sun drying. Complete nursery sowing or transplanting of winter vegetable crops. Irrigate the nursery during morning and evening time. Use low cost polythene cover above the vegetables nursery to avoid high evapotranspiration. Go for sowing of pea, gram and green gram crop by utilizing residual soil moisture*

Kharif Rice:

Paddy is grain formation to harvesting stage. **As dry weather is forecasted for upcoming 5 days, in early varieties if panicle turns 85% yellow and matured, then go for harvesting of the crop.** To prevent crop from **Gundhi bug** apply 5 ml neem based insecticide (300 ppm) per liter of water or spray 1.5 ml Lambda Cyhalothrin per liter of water. To control **rice ear head bug**, go for spraying of Dichlorovos @ 1ml/l during evening hours. Spray the chemical from borders to middle of the field. Present weather conditions is favourable for the incidence of **Neck blast** disease. To control, go for spraying of tricyclazole @ 0.6 g/l or Carbendazim @ 1 g / L. If infestation of **BPH & WBPH** occurs, it is advised to alter the micro-climate of the rice field by alternate wetting and drying technique. If problem still persists, apply 40g Thiamethoxam or 60g Flonicamid per acre in alternate basis.

PULSES:

21-26°C soil temperature is required for proper germination of pulses. This is the time for sowing of pre-rabi Black gram (Biri) and Green gram (Mung). Grow high yielding varieties like T 9, PU 11, PU 19 and PU 30 for black gram; and K 851, PDM 11, PDM 54, OUM 115 for green gram. Use 10 kg seeds/acre. Before sowing, seeds are to be treated with the Rhizobium culture. Apply 4 kg urea, 35 kg DAP and 13 kg MOP per acre during final land preparation. Sow the seeds in line of 30 cm apart with 10-15 cm plant to plant distance.

GROUNDNUT:

As dry weather is forecasted for upcoming 5 days, harvesting of Groundnut should be done if 75-80 % of pods are fully matured. The important indication of maturity is yellowing of foliage and necrotic spotting of leaves and dropping of older leaves.

Mustard:

Taking the advantage of available soil moisture due to recent rain, land preparation and sowing of the crop should be started to get optimum yield. Suitable varieties: Toria- Anuradha, Parbati, Sushree, Indian mustard- Mahyco bold, JD 6. Seed rate- 8-10 Kg/ha Spacing- 30 cm X 10 cm, Fertilizer dose: Toria @60:30:30 N-P2O5-K2O Kg/ha Mustard @ 80:40:40 N-P2O5-K2O Kg/ha. Apply 50%N and all P2O5 and K2O fertilizers should be applied as basal. **Apply irrigation in field if mustard was sown before 15-20 days.**

VEGETABLES:

- Go for early planting of cole crops like raddish, cabbage, cauliflower, beans, cluster bean and tomato. **In case of Cauliflower in this dry days before transplanting during final land preparation apply 8-10 ton FYM per acre and fertilizer like N:P:K each 25-30 Kg/acre should be applied.**
- Forecasted max and min temp is congenial for infestation of diamond back moth in cole crops.** To control this apply Spinosad 45SC @ 0.5ml/l.
- There is a chance of occurrence of **thrip, mites and Aphids** in Brinjal, Tomato, Chilli, cole crops, for control spray imidachloprid 0.3 ml /liter or fipronil 2 ml /liter of water.
- As Onion is shallow rooted crop, so at bulb initiation stage (after 60 days) due to forecasted dry weather farmers are advised to go for irrigation in the moisture sensitive stage.**

Animal husbandry: In winter during cold hours farmers should keep doors, windows and open spaces in sheds covered with polythene or gunny bag curtains to prevent direct contact to cold air.





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Bulletin No.-454
Date- 17/11/2023

AGROMET ADVISORY BULLETIN FOR BANKI

District Past week average weather condition

The block received average 00mm&district received average 0mmrainfall during the last week. The mean daily maximum and minimum temperature was **30.4°C (-0.55°C from normal)** and **20.57°C (+1.9°C from normal)**, respectively. Mean relative humidity of the district was around 71-74%.

Forecasted period: Today(8.30IST) to 22th November(8.30IST)2023

Weather advisory: *Dry weather is forecasted for upcoming 5 days in the block.* The day temperature will be **29-32°C** and night temperature will be **19-22°C** for upcoming 5 days. Maximum and minimum relative humidity will be 78-92% and 39-47% respectively. There will be clear to partly cloudy sky for next 5 days.

Block	Banki(VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	17/11/2023	18/11/2023	19/11/2023	20/11/2023	21/11/2023
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	32	31	32	30	29
T-Min(°C)	22	21	20	19	19
Cloud Cover(octa)	6	8	8	8	6
RH Max (%)	88	92	77	93	78
RH Min (%)	44	47	39	46	43
Wind Speed (Kmph)	7	7	8	8	8
Wind Direction (deg)	340	68	68	75	338

Agromet Advisory

General Advisory: *Harvest matured paddy crops and store them in safer place after sun drying. Complete nursery sowing or transplanting of winter vegetable crops. Irrigate the nursery during morning and evening time. Use low cost polythene cover above the vegetables nursery to avoid high evapotranspiration. Go for sowing of pea, gram and green gram crop by utilizing residual soil moisture*

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PULSES:

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GROUNDNUT:

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Mustard:

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VEGETABLES:

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Bulletin No.-454

Date- 17/11/2023

AGROMET ADVISORY BULLETIN FOR BANKI-DAMPARA

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

The block received average 00mm&district received average 0mmrainfall during the last week. The mean daily maximum and minimum temperature was **30.4°C (-0.55°C from normal)** and **20.57°C (+1.9°C from normal)** respectively. Mean relative humidity of the district was around 71-74%.

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Date	17/11/2023	18/11/2023	19/11/2023	20/11/2023	21/11/2023
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	32	31	32	30	29
T-Min(°C)	22	21	20	19	19
Cloud Cover(octa)	6	8	8	8	6
RH Max (%)	88	91	77	93	77
RH Min (%)	44	47	39	46	44
Wind Speed (Kmph)	7	7	8	8	8
Wind Direction (deg)	340	68	68	75	338

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GROUNDNUT:

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DrRanjan Kumar Mohanta
(Nodal officer)



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Bulletin No.-454
Date- 17/11/2023

AGROMET ADVISORY BULLETIN FOR BARANGA

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

The block received average 0mm&district received average 0mmrainfall during the last week. The mean daily maximum and minimum temperature was **30.4°C (-0.55°C from normal)** and **20.57°C (+1.9°C from normal)** respectively. Mean relative humidity of the district was around 71-74%.

Forecasted period: Today(8.30IST) to 22th November(8.30IST)2023

Weatheradvisory: *Dry weather is forecasted for upcoming 5 days in the block.* The day temperature will be **28-32°C** and night temperature will be **20-23°C**for upcoming 5 days. Maximum and minimum relative humidity will be 76-90% and 40-54% respectively. There will be clear to partly cloudyskyfor next 5days.

Block	Baranga(VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	17/11/2023	18/11/2023	19/11/2023	20/11/2023	21/11/2023
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	32	30	32	29	28
T-Min(°C)	23	22	21	21	20
Cloud Cover	6	8	7	8	7
RH Max (%)	88	89	76	90	76
RH Min (%)	44	54	40	47	48
Wind Speed (Kmph)	7	8	10	9	9
Wind Direction (deg)	345	30	36	75	338

Agromet Advisory

General Advisory: *Harvest matured paddy crops and store them in safer place after sun drying. Complete nursery sowing or transplanting of winter vegetable crops. Irrigate the nursery during morning and evening time. Use low cost polythene cover above the vegetables nursery to avoid high evapotranspiration. Go for sowing of pea, gram and green gram crop by utilizing residual soil moisture*

Kharif Rice:

Paddy is at grain formation to harvesting stage. **As dry weather is forecasted for upcoming 5 days ,in early varieties if panicle turns 85% yellow and matured, then go for harvesting of the crop.** To prevent crop from **Gundhi bug** apply 5 ml neem baesd insecticide (300 ppm) per liter of water or spray 1.5 ml Lambda Cyhalothrin per liter of water. To control **rice ear head bug**, go for spraying of Dichlorovos @ 1ml/l during evening hours. Spray the chemical from borders to middle of the field.Present weather conditions is favourable for the incidence of **Neck blast** disease. To control, go for spraying of tricyclazole @ 0.6 g/l or Carbendazim @ 1 g / L.If infestation of **BPH & WBPH** occurs, it is advised to alter the micro-climate of the rice field by alternate wetting and drying technique. If problem still persists, apply 40g Thiamethoxam or 60g Flonicamid per acre in alternate basis.

PULSES:

21-26°C soil temperature is required for proper germination of pulses. This is the time for sowing of pre-rabi Black gram (Biri) and Green gram (Mung). Grow high yielding varieties like T 9, PU 11, PU 19 and PU 30 for black gram; and K 851, PDM 11, PDM 54, OUM 115 for green gram. Use 10 kg seeds/acre. Before sowing, seeds are to be treated with the Rhizobium culture. Apply 4 kg urea, 35 kg DAP and 13 kg MOP per acre during final land preparation. Sow the seeds in line of 30 cm apart with 10-15 cm plant to plant distance.

GROUNDNUT:

As dry weather is forecasted for upcoming 5 days, harvesting of Groundnut should be done if 75-80 % of pods are fully matured. The important indication of maturity is yellowing of foliage and necrotic spotting of leaves and dropping of older leaves.

Mustard:

Taking the advantage of available soil moisture due to recent rain, land preparation and sowing of the crop should be started to get optimum yield. Suitable varieties: Toria- Anuradha, Parbati, Sushree, Indian mustard- Mahyco bold, JD 6. Seed rate- 8-10 Kg/ha Spacing- 30 cm X 10 cm, Fertilizer dose: Toria @60:30:30 N-P2O5-K2O Kg/ha Mustard @ 80:40:40 N-P2O5-K2O Kg/ha. Apply 50%N and all P2O5 and K2O fertilizers should be applied as basal. **Apply irrigation in field if mustard was sown before 15-20 days.**

VEGETABLES:

- Go for early planting of cole crops like raddish, cabbage, cauliflower, beans, cluster bean and tomato. **In case of Cauliflower in this dry days before transplanting during final land preparation apply 8-10 ton FYM per acre and fertilizer like N:P:K each 25-30 Kg/acre should be applied.**
- Forecasted max and min temp is congenial for infestation of diamond back moth in cole crops.** To control this apply Spinosad 45SC @ 0.5ml/l.
- There is a chance of occurrence of **thrip, mites and Aphids** in Brinjal, Tomato, Chilli, cole crops, for control spray imidachloprid 0.3 ml /liter or fipronil 2 ml /liter of water.
- As Onion is shallow rooted crop, so at bulb initiation stage (after 60 days) due to forecasted dry weather farmers areadvised to go for irrigation in the moisture sensitive stage.**

Animal husbandry: In winter during cold hours farmers should keep doors, windows and open spaces in sheds covered with polythene or gunny bag curtains to prevent direct contact to cold air.

DrRanjan Kumar Mohanta
 (Nodal officer)



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



Bulletin No.-454
Date- 17/11/2023

Email: kvkcuttack@gmail.com/damukvkcuttack@gmail.com

AGROMET ADVISORY BULLETIN FOR CUTTACK SADAR

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

The block & district received average 0mm rainfall during the last week. The mean daily maximum and minimum temperature was **30.4°C (-0.55°C from normal)** and **20.57°C (+1.9°C from normal)**, respectively. Mean relative humidity of the district was around 71-74%.

Forecasted period: Today(8.30IST) to 22th November(8.30IST)2023

Weather advisory: *Dry weather is forecasted for upcoming 5 days in the block.* The day temperature will be **29-32°C** and night temperature will be **20-23°C** for upcoming 5 days. Maximum and minimum relative humidity will be 77-89% and 39-53% respectively. There will be clear to partly cloudy for next 5 days.

Block	Cuttack sadar (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	17/11/2023	18/11/2023	19/11/2023	20/11/2023	21/11/2023
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	32	30	32	30	29
T-Min(°C)	23	22	21	21	20
Cloud Cover(octa)	6	8	7	8	6
RH Max (%)	87	89	77	89	78
RH Min (%)	44	53	39	46	46
Wind Speed (Kmph)	7	7	10	9	8
Wind Direction (deg)	345	101	36	75	338

Agromet Advisory

General Advisory: *Harvest matured paddy crops and store them in safer place after sun drying. Complete nursery sowing or transplanting of winter vegetable crops. Irrigate the nursery during morning and evening time. Use low cost polythene cover above the vegetables nursery to avoid high evapotranspiration. Go for sowing of pea, gram and green gram crop by utilizing residual soil moisture*

Kharif Rice:

Paddy is at grain formation to harvesting stage. **As dry weather is forecasted for upcoming 5 days, in early varieties if panicle turns 85% yellow and matured, then go for harvesting of the crop.** To prevent crop from **Gundhi bug** apply 5 ml neem based insecticide (300 ppm) per liter of water or spray 1.5 ml Lambda Cyhalothrin per liter of water. To control **rice ear head bug**, go for spraying of Dichlorovos @ 1ml/l during evening hours. Spray the chemical from borders to middle of the field. Present weather conditions is favourable for the incidence of **Neck blast** disease. To control, go for spraying of tricyclazole @ 0.6 g/l or Carbendazim @ 1 g / L. If infestation of **BPH & WBPH** occurs, it is advised to alter the micro-climate of the rice field by alternate wetting and drying technique. If problem still persists, apply 40g Thiamethoxam or 60g Flonicamid per acre in alternate basis.

PULSES:

21-26°C soil temperature is required for proper germination of pulses. This is the time for sowing of pre-rabi Black gram (Biri) and Green gram (Mung). Grow high yielding varieties like T 9, PU 11, PU 19 and PU 30 for black gram; and K 851, PDM 11, PDM 54, OUM 115 for green gram. Use 10 kg seeds/acre. Before sowing, seeds are to be treated with the Rhizobium culture. Apply 4 kg urea, 35 kg DAP and 13 kg MOP per acre during final land preparation. Sow the seeds in line of 30 cm apart with 10-15 cm plant to plant distance.

Sugarcane:

The crop is at maturity (40 - 41 week) stage. Postpone irrigation to crops and spraying insecticides and pesticides. For control of Sucking pest in sugarcane like **Woolly aphid, Whitefly, Scale insects, mealybug** in present weather conditions go for alternate spraying of thiomethoxam 25WG @ 0.25 gm/lit or imidacloprid 0.45 ml/lit of water or Dinotefuron 20% SG 3gm/lit of Water.

Mustard:

Taking the advantage of available soil moisture due to recent rain, land preparation and sowing of the crop should be started to get optimum yield. Suitable varieties: Toria- Anuradha, Parbati, Sushree, Indian mustard- Mahyco bold, JD 6. Seed rate- 8-10 Kg/ha Spacing- 30 cm X 10 cm, Fertilizer dose: Toria @ 60:30:30 N-P2O5-K2O Kg/ha Mustard @ 80:40:40 N-P2O5-K2O Kg/ha. Apply 50%N and all P2O5 and K2O fertilizers should be applied as basal. **Apply irrigation in field if mustard was sown before 15-20 days.**

VEGETABLES:

- Go for early planting of cole crops like raddish, cabbage, cauliflower, beans, cluster bean and tomato. **In case of Cauliflower in this dry days before transplanting during final land preparation apply 8-10 ton FYM per acre and fertilizer like N:P:K each 25-30 Kg/acre should be applied.**
- Forecasted max and min temp is congenial for infestation of diamond back moth in cole crops.** To control this apply Spinosad 45SC @ 0.5ml/l.
- There is a chance of occurrence of **thrip, mites and Aphids** in Brinjal, Tomato, Chilli, cole crops, for control spray imidachloprid 0.3 ml /liter or fipronil 2 ml /liter of water.
- As Onion is shallow rooted crop, so at bulb initiation stage (after 60 days) due to forecasted dry weather farmers are advised to go for irrigation in the moisture sensitive stage.**

Animal husbandry: In winter during cold hours farmers should keep doors, windows and open spaces in sheds covered with polythene or gunny bag curtains to prevent direct contact to cold air.

DrRanjan Kumar Mohanta
(Nodal officer)



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AGROMET ADVISORY BULLETIN FOR KANTAPADA



Bulletin No.-454

Date- 17/11/2023

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

The block & district received average 0mm rainfall during the last week. The mean daily maximum and minimum temperature was **30.4°C (0.55°C from normal)** and **20.57°C (+1.9°C from normal)**, respectively. Mean relative humidity of the district was around 71-74%.

Forecasted period: Today(8.30IST) to 22nd November(8.30IST)2023

Weather advisory: Dry weather is forecasted for upcoming 5 days in the block. The day temperature will be 27-33°C and night temperature will be 20-23°C for upcoming 5 days. Maximum and minimum relative humidity will be 76-89% and 44-55% respectively. There will be clear to partly cloudy sky for next 5 days.

Block	Kantapada (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	17/11/2023	18/11/2023	19/11/2023	20/11/2023	21/11/2023
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	32	30	33	29	27
T-Min(°C)	23	22	22	21	20
Cloud Cover(octa)	6	8	7	8	7
RH Max (%)	89	88	76	87	79
RH Min (%)	44	55	44	50	55
Wind Speed (Kmph)	8	9	11	9	10
Wind Direction (deg)	158	30	56	90	68

Agromet Advisory

General Advisory: Harvest matured paddy crops and store them in safer place after sun drying. Complete nursery sowing or transplanting of winter vegetable crops. Irrigate the nursery during morning and evening time. Use low cost polythene cover above the vegetables nursery to avoid high evapotranspiration. Go for sowing of pea, gram and green gram crop by utilizing residual soil moisture

Kharif Rice:

Paddy is at grain formation to harvesting stage. As dry weather is forecasted for upcoming 5 days, in early varieties if panicle turns 85% yellow and matured, then go for harvesting of the crop. To prevent crop from **Gundhi bug** apply 5 ml neem based insecticide (300 ppm) per liter of water or spray 1.5 ml Lambda Cyhalothrin per liter of water. To control **rice ear head bug**, go for spraying of Dichlorovos @ 1ml/l during evening hours. Spray the chemical from borders to middle of the field. Present weather conditions is favourable for the incidence of **Neck blast** disease. To control, go for spraying of tricyclazole @ 0.6 g/l or Carbendazim @ 1 g / L. If infestation of **BPH & WBPH** occurs, it is advised to alter the micro-climate of the rice field by alternate wetting and drying technique. If problem still persists, apply 40g Thiamethoxam or 60g Flonicamid per acre in alternate basis.

PULSES:

21-26°C soil temperature is required for proper germination of pulses. This is the time for sowing of pre-rabi Black gram (Biri) and Green gram (Mung). Grow high yielding varieties like T 9, PU 11, PU 19 and PU 30 for black gram; and K 851, PDM 11, PDM 54, OUM 115 for green gram. Use 10 kg seeds/acre. Before sowing, seeds are to be treated with the Rhizobium culture. Apply 4 kg urea, 35 kg DAP and 13 kg MOP per acre during final land preparation. Sow the seeds in line of 30 cm apart with 10-15 cm plant to plant distance.

Sugarcane:

The crop is at maturity (40 - 41 week) stage. Postpone irrigation to crops and spraying insecticides and pesticides. For control of Sucking pest in sugarcane like **Woolly aphid**, **Whitefly**, **Scale insects**, **mealybug** in present weather conditions go for alternate spraying of thiomethoxam 25WG @ 0.25 gm/lit or imidacloprid 0.45 ml/lit of water or Dinotefuron 20% SG 3gm/lit of Water.

Mustard:

Taking the advantage of available soil moisture due to recent rain, land preparation and sowing of the crop should be started to get optimum yield. Suitable varieties: Toria- Anuradha, Parbati, Sushree, Indian mustard- Mahyco bold, JD 6. Seed rate- 8-10 Kg/ha Spacing- 30 cm X 10 cm, Fertilizer dose: Toria @ 60:30:30 N-P2O5-K2O Kg/ha Mustard @ 80:40:40 N-P2O5-K2O Kg/ha. Apply 50%N and all P2O5 and K2O fertilizers should be applied as basal. **Apply irrigation in field if mustard was sown before 15-20 days.**

VEGETABLES:

- Go for early planting of cole crops like raddish, cabbage, cauliflower, beans, cluster bean and tomato. In case of Cauliflower in this dry days before transplanting during final land preparation apply 8-10 ton FYM per acre and fertilizer like N:P:K each 25-30 Kg/acre should be applied.
- Forecasted max and min temp is congenial for infestation of diamond back moth in cole crops.** To control this apply Spinosad 45SC @ 0.5ml/l.
- There is a chance of occurrence of **thrip**, **mites** and **Aphids** in Brinjal, Tomato, Chilli, cole crops, for control spray imidachloprid 0.3 ml /liter or fipronil 2 ml /liter of water.
- As Onion is shallow rooted crop, so at bulb initiation stage (after 60 days) due to forecasted dry weather farmers are advised to go for irrigation in the moisture sensitive stage.**

Animal husbandry: In winter during cold hours farmers should keep doors, windows and open spaces in sheds covered with polythene or gunny bag curtains to prevent direct contact to cold air.

DrRanjan Kumar Mohanta
(Nodal officer)



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Bulletin No.-454
Date- 17/11/2023

AGROMET ADVISORY BULLETIN FOR MAHANGA

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

The block & district received average 0mm rainfall during the last week. The mean daily maximum and minimum temperature was **30.4°C (-0.55°C from normal)** and **20.57°C (+1.9°C from normal)**, respectively. Mean relative humidity of the district was around 71-74%.

Forecasted period: Today(8.30IST) to 22nd November(8.30IST)2023

Weather advisory: Dry weather is forecasted for upcoming 5 days in the block. The day temperature will be and it will be **28-32°C** and night temperature will be **20-22°C** for upcoming 5 days. Maximum and minimum relative humidity will 76-87% and 41-56% respectively. There will be clear to partly cloudy for next 5 days.

Block	Mahanga (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	17/11/2023	18/11/2023	19/11/2023	20/11/2023	21/11/2023
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	32	30	32	30	28
T-Min(°C)	22	22	21	21	20
Cloud Cover(octal)	6	8	7	8	7
RH Max (%)	86	87	76	87	77
RH Min (%)	46	56	41	48	50
Wind Speed (Kmph)	6	8	10	9	8
Wind Direction (deg)	11	23	28	90	338

Agro-met Advisory

General Advisory: Harvest matured paddy crops and store them in safer place after sun drying. Complete nursery sowing or transplanting of winter vegetable crops. Irrigate the nursery during morning and evening time. Use low cost polythene cover above the vegetables nursery to avoid high evapotranspiration. Go for sowing of pea, gram and green gram crop by utilizing residual soil moisture

Kharif Rice:

Paddy is at grain formation to harvesting stage. As dry weather is forecasted for upcoming 5 days, in early varieties if panicle turns 85% yellow and matured, then go for harvesting of the crop. To prevent crop from **Gundhi bug** apply 5 ml neem based insecticide (300 ppm) per liter of water or spray 1.5 ml Lambda Cyhalothrin per liter of water. To control **rice ear head bug**, go for spraying of Dichlorovos @ 1ml/l during evening hours. Spray the chemical from borders to middle of the field. Present weather conditions is favourable for the incidence of **Neck blast** disease. To control, go for spraying of tricyclazole @ 0.6 g/l or Carbendazim @ 1 g / L. If infestation of **BPH & WBPH** occurs, it is advised to alter the micro-climate of the rice field by alternate wetting and drying technique. If problem still persists, apply 40g Thiamethoxam or 60g Flonicamid per acre in alternate basis.

PULSES:

21-26°C soil temperature is required for proper germination of pulses. This is the time for sowing of pre-rabi Black gram (Biri) and Green gram (Mung). Grow high yielding varieties like T 9, PU 11, PU 19 and PU 30 for black gram; and K 851, PDM 11, PDM 54, OUM 115 for green gram. Use 10 kg seeds/acre. Before sowing, seeds are to be treated with the Rhizobium culture. Apply 4 kg urea, 35 kg DAP and 13 kg MOP per acre during final land preparation. Sow the seeds in line of 30 cm apart with 10-15 cm plant to plant distance.

Sugarcane:

The crop is at maturity (40 - 41 week) stage. Postpone irrigation to crops and spraying insecticides and pesticides. For control of sucking pest in sugarcane like **Woolly aphid, Whitefly, Scale insects, mealybug** in present weather conditions go for alternate spraying of thiomethoxam 25WG @ 0.25 gm/lit or imidacloprid 0.45 ml/lit of water or Dinotefuron 20% SG 3gm/lit of Water.

Mustard:

Taking the advantage of available soil moisture due to recent rain, land preparation and sowing of the crop should be started to get optimum yield. Suitable varieties: Toria- Anuradha, Parbati, Sushree, Indian mustard- Mahyco bold, JD 6. Seed rate- 8-10 Kg/ha Spacing- 30 cm X 10 cm, Fertilizer dose: Toria @ 60:30:30 N-P2O5-K2O Kg/ha Mustard @ 80:40:40 N-P2O5-K2O Kg/ha. Apply 50%N and all P2O5 and K2O fertilizers should be applied as basal. **Apply irrigation in field if mustard was sown before 15-20 days.**

VEGETABLES:

- Go for early planting of cole crops like raddish, cabbage, cauliflower, beans, cluster bean and tomato. In case of Cauliflower in this dry days before transplanting during final land preparation apply 8-10 ton FYM per acre and fertilizer like N:P:K each 25-30 Kg/acre should be applied.
- Forecasted max and min temp is congenial for infestation of diamond back moth in cole crops.** To control this apply Spinosad 45SC @ 0.5ml/l.
- There is a chance of occurrence of **thrip, mites and Aphids** in Brinjal, Tomato, Chilli, cole crops, for control spray imidachloprid 0.3 ml /liter or fipronil 2 ml /liter of water.
- As Onion is shallow rooted crop, so at bulb initiation stage (after 60 days) due to forecasted dry weather farmers are advised to go for irrigation in the moisture sensitive stage.**
- Animal husbandry:** In winter during cold hours farmers should keep doors, windows and open spaces in sheds covered with polythene or gunny bag curtains to prevent direct contact to cold air.

DrRanjan Kumar Mohanta
(Nodal officer)



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Bulletin No.-454
Date- 17/11/2023

Email: kvkcuttack@gmail.com/damukvkcuttack@gmail.com

AGROMET ADVISORY BULLETIN FOR NARASINGHPUR

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

The block & district received average 0mm rainfall during the last week. The mean daily maximum and minimum temperature was **30.4°C (-0.55°C from normal)** and **20.57°C (+1.9°C from normal)**, respectively. Mean relative humidity of the district was around 71-74%.

Forecasted period: Today(8.30IST) to 22th November(8.30IST)2023

Weather advisory: Dry weather is forecasted for upcoming 5 days in the block. The day temperature will be 29-32°C and night temperature will be 18-20°C for upcoming 5 days. Maximum and minimum relative humidity will be 80-95% and 40-44% respectively. There will be clear to partly cloudy sky for next 5 days.

Block	Narasinghpur (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	17/11/2023	18/11/2023	19/11/2023	20/11/2023	21/11/2023
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	31	32	31	29	29
T-Min(°C)	20	20	19	18	18
Cloud Cover(octa)	6	8	7	8	5
RH Max (%)	87	95	84	94	80
RH Min (%)	44	40	40	40	40
Wind Speed (Kmph)	6	4	6	6	6
Wind Direction (deg)	360	23	68	75	75

Agromet Advisory

General Advisory: Harvest matured paddy crops and store them in safer place after sun drying. Complete nursery sowing or transplanting of winter vegetable crops. Irrigate the nursery during morning and evening time. Use low cost polythene cover above the vegetables nursery to avoid high evapotranspiration. Go for sowing of pea, gram and green gram crop by utilizing residual soil moisture

Kharif Rice:

Paddy is at grain formation to harvesting stage. As dry weather is forecasted for upcoming 5 days, in early varieties if panicle turns 85% yellow and matured, then go for harvesting of the crop. To prevent crop from **Gundhi bug** apply 5 ml neem based insecticide (300 ppm) per liter of water or spray 1.5 ml Lambda Cyhalothrin per liter of water. To control **rice ear head bug**, go for spraying of Dichlorovos @ 1ml/l during evening hours. Spray the chemical from borders to middle of the field. Present weather conditions is favourable for the incidence of **Neck blast** disease. To control, go for spraying of tricyclazole @ 0.6 g/l or Carbendazim @ 1 g / L. If infestation of **BPH & WBPH** occurs, it is advised to alter the micro-climate of the rice field by alternate wetting and drying technique. If problem still persists, apply 40g Thiamethoxam or 60g Flonicamid per acre in alternate basis.

PULSES:

21-26°C soil temperature is required for proper germination of pulses. This is the time for sowing of pre-rabi Black gram (Biri) and Green gram (Mung). Grow high yielding varieties like T 9, PU 11, PU 19 and PU 30 for black gram; and K 851, PDM 11, PDM 54, OUM 115 for green gram. Use 10 kg seeds/acre. Before sowing, seeds are to be treated with the Rhizobium culture. Apply 4 kg urea, 35 kg DAP and 13 kg MOP per acre during final land preparation. Sow the seeds in line of 30 cm apart with 10-15 cm plant to plant distance.

GROUNDNUT:

As dry weather is forecasted for upcoming 5 days, harvesting of Groundnut should be done if 75-80 % of pods are fully matured. The important indication of maturity is yellowing of foliage and necrotic spotting of leaves and dropping of older leaves.

Mustard:

Taking the advantage of available soil moisture due to recent rain, land preparation and sowing of the crop should be started to get optimum yield. Suitable varieties: Toria- Anuradha, Parbati, Sushree, Indian mustard- Mahyco bold, JD 6. Seed rate- 8-10 Kg/ha Spacing- 30 cm X 10 cm, Fertilizer dose: Toria @ 60:30:30 N-P2O5-K2O Kg/ha Mustard @ 80:40:40 N-P2O5-K2O Kg/ha. Apply 50%N and all P2O5 and K2O fertilizers should be applied as basal. Apply irrigation in field if mustard was sown before 15-20 days.

VEGETABLES:

- Go for early planting of cole crops like raddish, cabbage, cauliflower, beans, cluster bean and tomato. In case of Cauliflower in this dry days before transplanting during final land preparation apply 8-10 ton FYM per acre and fertilizer like N:P:K each 25-30 Kg/acre should be applied.
- Forecasted max and min temp is congenial for infestation of diamond back moth in cole crops. To control this apply Spinosad 45SC @ 0.5ml/l.
- There is a chance of occurrence of **thrip, mites and Aphids** in Brinjal, Tomato, Chilli, cole crops, for control spray imidachloprid 0.3 ml /liter or fipronil 2 ml /liter of water.
- As Onion is shallow rooted crop, so at bulb initiation stage (after 60 days) due to forecasted dry weather farmers are advised to go for irrigation in the moisture sensitive stage.
- Animal husbandry:** In winter during cold hours farmers should keep doors, windows and open spaces in sheds covered with polythene or gunny bag curtains to prevent direct contact to cold air.

DrRanjan Kumar Mohanta
(Nodal officer)



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Bulletin No.-454
Date- 17/11/2023

AGROMET ADVISORY BULLETIN FOR NIALI

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

The block & district received average 0mm rainfall during the last week. The mean daily maximum and minimum temperature was **30.4°C (-0.55°C from normal)** and **20.57°C (+1.9°C from normal)**, respectively. Mean relative humidity of the district was around 71-74%.

Forecasted period: Today(8.30IST) to 22nd November(8.30IST)2023

Weather advisory: *Dry weather is forecasted for upcoming 5 days in the block.* The day temperature will be **25-33°C** and night temperature will be **20-23°C** for upcoming 5 days. Maximum and minimum relative humidity will be 77-89% and 44-61% respectively. **There will be clear to partly cloudy sky for next 5 days.**

Block	Niali (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	17/11/2023	18/11/2023	19/11/2023	20/11/2023	21/11/2023
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	32	31	33	29	25
T-Min(°C)	23	22	22	21	20
Cloud Cover(octa)	6	8	6	8	7
RH Max (%)	89	88	77	86	81
RH Min (%)	44	55	47	53	61
Wind Speed(Kmph)	9	10	11	9	10
Wind Direction(deg)	158	68	58	72	64

Agromet Advisory

General Advisory: *Harvest matured paddy crops and store them in safer place after sun drying. Complete nursery sowing or transplanting of winter vegetable crops. Irrigate the nursery during morning and evening time. Use low cost polythene cover above the vegetables nursery to avoid high evapotranspiration. Go for sowing of pea, gram and green gram crop by utilizing residual soil moisture*

Kharif Rice:

Paddy is at grain formation to harvesting stage. **As dry weather is forecasted for upcoming 5 days, in early varieties if panicle turns 85% yellow and matured, then go for harvesting of the crop.** To prevent crop from **Gundhi bug** apply 5 ml neem based insecticide (300 ppm) per liter of water or spray 1.5 ml Lambda Cyhalothrin per liter of water. To control **rice ear head bug**, go for spraying of Dichlorovos @ 1ml/l during evening hours. Spray the chemical from borders to middle of the field. Present weather conditions is favourable for the incidence of **Neck blast** disease. To control, go for spraying of tricyclazole @ 0.6 g/l or Carbendazim @ 1 g / L. If infestation of **BPH & WBPH** occurs, it is advised to alter the micro-climate of the rice field by alternate wetting and drying technique. If problem still persists, apply 40g Thiamethoxam or 60g Flonicamid per acre in alternate basis.

PULSES:

21-26°C soil temperature is required for proper germination of pulses. This is the time for sowing of pre-rabi Black gram (Biri) and Green gram (Mung). Grow high yielding varieties like T 9, PU 11, PU 19 and PU 30 for black gram; and K 851, PDM 11, PDM 54, OUM 115 for green gram. Use 10 kg seeds/acre. Before sowing, seeds are to be treated with the Rhizobium culture. Apply 4 kg urea, 35 kg DAP and 13 kg MOP per acre during final land preparation. Sow the seeds in line of 30 cm apart with 10-15 cm plant to plant distance.

Sugarcane:

The crop is at maturity (40 - 41 week) stage. Postpone irrigation to crops and spraying insecticides and pesticides. For control of Sucking pest in sugarcane like **Woolly aphid, Whitefly, Scale insects, mealybug** in present weather conditions go for alternate spraying of thiomethoxam 25WG @ 0.25 gm/lit or imidacloprid 0.45 ml/lit of water or Dinotefuron 20% SG 3gm/lit of Water.

Mustard:

Taking the advantage of available soil moisture due to recent rain, land preparation and sowing of the crop should be started to get optimum yield. Suitable varieties: Toria- Anuradha, Parbati, Sushree, Indian mustard- Mahyco bold, JD 6. Seed rate- 8-10 Kg/ha Spacing- 30 cm X 10 cm, Fertilizer dose: Toria @60:30:30 N-P2O5-K2O Kg/ha Mustard @ 80:40:40 N-P2O5-K2O Kg/ha. Apply 50%N and all P2O5 and K2O fertilizers should be applied as basal. **Apply irrigation in field if mustard was sown before 15-20 days.**

VEGETABLES:

- Go for early planting of cole crops like raddish, cabbage, cauliflower, beans, cluster bean and tomato. **In case of Cauliflower in this dry days before transplanting during final land preparation apply 8-10 ton FYM per acre and fertilizer like N:P:K each 25-30 Kg/acre should be applied.**
- Forecasted max and min temp is congenial for infestation of diamond back moth in cole crops.** To control this apply Spinosad 45SC @ 0.5ml/l.
- There is a chance of occurrence of **thrip, mites and Aphids** in Brinjal, Tomato, Chilli, cole crops, for control spray imidachloprid 0.3 ml /liter or fipronil 2 ml /liter of water.
- As Onion is shallow rooted crop, so at bulb initiation stage (after 60 days) due to forecasted dry weather farmers are advised to go for irrigation in the moisture sensitive stage.**
- Animal husbandry:** In winter during cold hours farmers should keep doors, windows and open spaces in sheds covered with polythene or gunny bag curtains to prevent direct contact to cold air.

DrRanjan Kumar Mohanta
(Nodal officer)



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



Bulletin No.-454
Date- 17/11/2023

Email: kvkcuttack@gmail.com/damukvkcuttack@gmail.com

AGROMET ADVISORY BULLETIN FOR NISCHINTAKOILI

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

The block & district received average 0mm rainfall during the last week. The mean daily maximum and minimum temperature was **30.4°C (-0.55°C from normal)** and **20.57°C (+1.9°C from normal)**, respectively. Mean relative humidity of the district was around 71-74%.

Forecasted period: Today(8.30IST) to 22th November(8.30IST)2023

Weather advisory: Dry weather is forecasted for upcoming 5 days in the block. The day temperature will be **28-32°C** and night temperature will be **21-23°C** for upcoming 5 days. Maximum and minimum relative humidity will be **76-87%** and **42-56%** respectively. **There will be clear to partly cloudy sky for next 5 days.**

Block	Nischintakoili (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	17/11/2023	18/11/2023	19/11/2023	20/11/2023	21/11/2023
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	32	30	32	30	28
T-Min(°C)	23	22	22	21	21
Cloud Cover(octa)	6	8	7	8	7
RH Max (%)	86	87	76	87	76
RH Min (%)	45	56	42	48	51
Wind Speed (Kmph)	7	8	11	9	9
Wind Direction (deg)	349	30	28	75	338

Agromet Advisory

General Advisory: Harvest matured paddy crops and store them in safer place after sun drying. Complete nursery sowing or transplanting of winter vegetable crops. Irrigate the nursery during morning and evening time. Use low cost polythene cover above the vegetables nursery to avoid high evapotranspiration. Go for sowing of pea, gram and green gram crop by utilizing residual soil moisture

Kharif Rice:

Paddy is at grain formation to harvesting stage. As dry weather is forecasted for upcoming 5 days, in early varieties if panicle turns 85% yellow and matured, then go for harvesting of the crop. To prevent crop from **Gundhi bug** apply 5 ml neem based insecticide (300 ppm) per liter of water or spray 1.5 ml Lambda Cyhalothrin per liter of water. To control **rice ear head bug**, go for spraying of Dichlorovos @ 1ml/l during evening hours. Spray the chemical from borders to middle of the field. Present weather conditions is favourable for the incidence of **Neck blast** disease. To control, go for spraying of tricyclazole @ 0.6 g/l or Carbendazim @ 1 g / L. If infestation of **BPH & WBPH** occurs, it is advised to alter the micro-climate of the rice field by alternate wetting and drying technique. If problem still persists, apply 40g Thiamethoxam or 60g Flonicamid per acre in alternate basis.

PULSES:

21-26°C soil temperature is required for proper germination of pulses. This is the time for sowing of pre-rabi Black gram (Biri) and Green gram (Mung). Grow high yielding varieties like T 9, PU 11, PU 19 and PU 30 for black gram; and K 851, PDM 11, PDM 54, OUM 115 for green gram. Use 10 kg seeds/acre. Before sowing, seeds are to be treated with the Rhizobium culture. Apply 4 kg urea, 35 kg DAP and 13 kg MOP per acre during final land preparation. Sow the seeds in line of 30 cm apart with 10-15 cm plant to plant distance.

Sugarcane:

The crop is at maturity (40 - 41 week) stage. Postpone irrigation to crops and spraying insecticides and pesticides. For control of sucking pest in sugarcane like **Woolly aphid, Whitefly, Scale insects, mealybug** in present weather conditions go for alternate spraying of thiomethoxam 25WG @ 0.25 gm/lit or imidacloprid 0.45 ml/lit of water or Dinotefuron 20% SG 3gm/lit of Water.

Mustard:

Taking the advantage of available soil moisture due to recent rain, land preparation and sowing of the crop should be started to get optimum yield. Suitable varieties: Toria- Anuradha, Parbati, Sushree, Indian mustard- Mahyco bold, JD 6. Seed rate- 8-10 Kg/ha Spacing- 30 cm X 10 cm, Fertilizer dose: Toria @ 60:30:30 N-P2O5-K2O Kg/ha Mustard @ 80:40:40 N-P2O5-K2O Kg/ha. Apply 50%N and all P2O5 and K2O fertilizers should be applied as basal. **Apply irrigation in field if mustard was sown before 15-20 days.**

VEGETABLES:

- Go for early planting of cole crops like raddish, cabbage, cauliflower, beans, cluster bean and tomato. **In case of Cauliflower in this dry days before transplanting during final land preparation apply 8-10 ton FYM per acre and fertilizer like N:P:K each 25-30 Kg/acre should be applied.**
- Forecasted max and min temp is congenial for infestation of diamond back moth in cole crops.** To control this apply Spinosad 45SC @ 0.5ml/l.
- There is a chance of occurrence of **thrip, mites and Aphids** in Brinjal, Tomato, Chilli, cole crops, for control spray imidachloprid 0.3 ml /liter or fipronil 2 ml /liter of water.
- As Onion is shallow rooted crop, so at bulb initiation stage (after 60 days) due to forecasted dry weather farmers are advised to go for irrigation in the moisture sensitive stage.**
- Animal husbandry:** In winter during cold hours farmers should keep doors, windows and open spaces in sheds covered with polythene or gunny bag curtains to prevent direct contact to cold air.

DrRanjan Kumar Mohanta
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Bulletin No.-454
Date- 17/11/2023

AGROMET ADVISORY BULLETIN FOR SALEPUR

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

The block & district received average 0mm rainfall during the last week. The mean daily maximum and minimum temperature was **30.4°C (-0.55°C from normal)** and **20.57°C (+1.9°C from normal)**, respectively. Mean relative humidity of the district was around 71-74%.

Forecasted period: Today(8.30IST) to 22th November(8.30IST)2023

Weather advisory:: *Dry weather is forecasted for upcoming 5 days in the block.* The day temperature will be **28-32°C** and night temperature will be **21-23°C** for upcoming 5 days. Maximum and minimum relative humidity will be 76-87% and 41-56% respectively. There will be clear to partly cloudy for next 5 days.

Block	Salepur (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	17/11/2023	18/11/2023	19/11/2023	20/11/2023	21/11/2023
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	32	30	32	30	28
T-Min(°C)	23	22	22	21	21
Cloud Cover(octa)	6	8	7	8	7
RH Max (%)	86	87	76	87	77
RH Min (%)	45	56	41	48	50
Wind Speed (Kmph)	6	8	11	9	9
Wind Direction (deg)	360	23	28	75	338

Agromet Advisory

General Advisory: *Harvest matured paddy crops and store them in safer place after sun drying. Complete nursery sowing or transplanting of winter vegetable crops. Irrigate the nursery during morning and evening time. Use low cost polythene cover above the vegetables nursery to avoid high evapotranspiration. Go for sowing of pea, gram and green gram crop by utilizing residual soil moisture*

Kharif Rice:

Paddy is at grain formation to harvesting stage. **As dry weather is forecasted for upcoming 5 days, in early varieties if panicle turns 85% yellow and matured, then go for harvesting of the crop.** To prevent crop from **Gundhi bug** apply 5 ml neem based insecticide (300 ppm) per liter of water or spray 1.5 ml Lambda Cyhalothrin per liter of water. To control **rice ear head bug**, go for spraying of Dichlorovos @ 1ml/l during evening hours. Spray the chemical from borders to middle of the field. Present weather conditions is favourable for the incidence of **Neck blast** disease. To control, go for spraying of tricyclazole @ 0.6 g/l or Carbendazim @ 1 g / L. If infestation of **BPH & WBPH** occurs, it is advised to alter the micro-climate of the rice field by alternate wetting and drying technique. If problem still persists, apply 40g Thiamethoxam or 60g Flonicamid per acre in alternate basis.

PULSES:

21-26°C soil temperature is required for proper germination of pulses. This is the time for sowing of pre-rabi Black gram (Biri) and Green gram (Mung). Grow high yielding varieties like T 9, PU 11, PU 19 and PU 30 for black gram; and K 851, PDM 11, PDM 54, OUM 115 for green gram. Use 10 kg seeds/acre. Before sowing, seeds are to be treated with the Rhizobium culture. Apply 4 kg urea, 35 kg DAP and 13 kg MOP per acre during final land preparation. Sow the seeds in line of 30 cm apart with 10-15 cm plant to plant distance.

GROUNDNUT:

As dry weather is forecasted for upcoming 5 days, harvesting of Groundnut should be done if 75-80 % of pods are fully matured. The important indication of maturity is yellowing of foliage and necrotic spotting of leaves and dropping of older leaves.

Mustard:

Taking the advantage of available soil moisture due to recent rain, land preparation and sowing of the crop should be started to get optimum yield. Suitable varieties: Toria- Anuradha, Parbati, Sushree, Indian mustard- Mahyco bold, JD 6. Seed rate- 8-10 Kg/ha Spacing- 30 cm X 10 cm, Fertilizer dose: Toria @60:30:30 N-P2O5-K2O Kg/ha Mustard @ 80:40:40 N-P2O5-K2O Kg/ha. Apply 50%N and all P2O5 and K2O fertilizers should be applied as basal. **Apply irrigation in field if mustard was sown before 15-20 days.**

VEGETABLES:

- Go for early planting of cole crops like raddish, cabbage, cauliflower, beans, cluster bean and tomato. **In case of Cauliflower in this dry days before transplanting during final land preparation apply 8-10 ton FYM per acre and fertilizer like N:P:K each 25-30 Kg/acre should be applied.**
- Forecasted max and min temp is congenial for infestation of diamond back moth in cole crops.** To control this apply Spinosad 45SC @ 0.5ml/l.
- There is a chance of occurrence of **thrip, mites and Aphids** in Brinjal, Tomato, Chilli, cole crops, for control spray imidachloprid 0.3 ml /liter or fipronil 2 ml /liter of water.
- As Onion is shallow rooted crop, so at bulb initiation stage (after 60 days) due to forecasted dry weather farmers are advised to go for irrigation in the moisture sensitive stage.**
- Animal husbandry:** In winter during cold hours farmers should keep doors, windows and open spaces in sheds covered with polythene or gunny bag curtains to prevent direct contact to cold air.





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Bulletin No.-454

Date- 17/11/2023

AGROMET ADVISORY BULLETIN FOR TANGI-CHOUDWAR

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

The block & district received average 0mm rainfall during the last week. The mean daily maximum and minimum temperature was **30.4°C (-0.55°C from normal)** and **20.57°C (+1.9°C from normal)**, respectively. Mean relative humidity of the district was around 71-74%.

Forecasted period: Today(8.30IST) to 22nd November(8.30IST)2023

Weather advisory: Dry weather is forecasted for upcoming 5 days in the block. The day temperature will be **25-32°C** and night temperature will be **21-23°C** for upcoming 5 days. Maximum and minimum relative humidity will be 76-85% and 52-64% respectively. **There will be clear to partly cloudy sky for next 5 days.**

Block	Tangi-Choudwar (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	17/11/2023	18/11/2023	19/11/2023	20/11/2023	21/11/2023
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	32	30	31	30	25
T-Min(°C)	23	23	23	22	21
Cloud Cover(octa)	5	8	6	8	7
RH Max (%)	85	84	76	84	79
RH Min (%)	52	60	55	54	64
Wind Speed (Kmph)	10	11	13	12	11
Wind Direction (deg)	345	45	58	66	60

Agromet Advisory

General Advisory: Harvest matured paddy crops and store them in safer place after sun drying. Complete nursery sowing or transplanting of winter vegetable crops. Irrigate the nursery during morning and evening time. Use low cost polythene cover above the vegetables nursery to avoid high evapotranspiration. Go for sowing of pea, gram and green gram crop by utilizing residual soil moisture

Kharif Rice:

Paddy is at grain formation to harvesting stage. As dry weather is forecasted for upcoming 5 days, in early varieties if panicle turns 85% yellow and matured, then go for harvesting of the crop. To prevent crop from **Gundhi bug** apply 5 ml neem based insecticide (300 ppm) per liter of water or spray 1.5 ml Lambda Cyhalothrin per liter of water. To control **rice ear head bug**, go for spraying of Dichlorovos @ 1ml/l during evening hours. Spray the chemical from borders to middle of the field. Present weather conditions is favourable for the incidence of **Neck blast** disease. To control, go for spraying of tricyclazole @ 0.6 g/l or Carbendazim @ 1 g / L. If infestation of **BPH & WBPH** occurs, it is advised to alter the micro-climate of the rice field by alternate wetting and drying technique. If problem still persists, apply 40g Thiamethoxam or 60g Flonicamid per acre in alternate basis.

PULSES:

21-26°C soil temperature is required for proper germination of pulses. This is the time for sowing of pre-rabi Black gram (Biri) and Green gram (Mung). Grow high yielding varieties like T 9, PU 11, PU 19 and PU 30 for black gram; and K 851, PDM 11, PDM 54, OUM 115 for green gram. Use 10 kg seeds/acre. Before sowing, seeds are to be treated with the Rhizobium culture. Apply 4 kg urea, 35 kg DAP and 13 kg MOP per acre during final land preparation. Sow the seeds in line of 30 cm apart with 10-15 cm plant to plant distance.

GROUNDNUT:

As dry weather is forecasted for upcoming 5 days, harvesting of Groundnut should be done if 75-80 % of pods are fully matured. The important indication of maturity is yellowing of foliage and necrotic spotting of leaves and dropping of older leaves.

Mustard:

Taking the advantage of available soil moisture due to recent rain, land preparation and sowing of the crop should be started to get optimum yield. Suitable varieties: Toria- Anuradha, Parbati, Sushree, Indian mustard- Mahyco bold, JD 6. Seed rate- 8-10 Kg/ha Spacing- 30 cm X 10 cm, Fertilizer dose: Toria @60:30:30 N-P2O5-K2O Kg/ha Mustard @ 80:40:40 N-P2O5-K2O Kg/ha. Apply 50%N and all P2O5 and K2O fertilizers should be applied as basal. Apply irrigation in field if mustard was sown before 15-20 days.

VEGETABLES:

- Go for early planting of cole crops like raddish, cabbage, cauliflower, beans, cluster bean and tomato. In case of Cauliflower in this dry days before transplanting during final land preparation apply 8-10 ton FYM per acre and fertilizer like N:P:K each 25-30 Kg/acre should be applied.
- Forecasted max and min temp is congenial for infestation of diamond back moth in cole crops. To control this apply Spinosad 45SC @ 0.5ml/l.
- There is a chance of occurrence of **thrip, mites and Aphids** in Brinjal, Tomato, Chilli, cole crops, for control spray imidachloprid 0.3 ml /liter or fipronil 2 ml /liter of water.
- As Onion is shallow rooted crop, so at bulb initiation stage (after 60 days) due to forecasted dry weather farmers are advised to go for irrigation in the moisture sensitive stage.
- Animal husbandry:** In winter during cold hours farmers should keep doors, windows and open spaces in sheds covered with polythene or gunny bag curtains to prevent direct contact to cold air..





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Bulletin No.-454
Date- 17/11/2023

AGROMET ADVISORY BULLETIN FOR TIGIRIA

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

The block & district received average 0mm rainfall during the last week. The mean daily maximum and minimum temperature was **30.4°C (-0.55°C from normal)** and **20.57°C (+1.9°C from normal)**, respectively. Mean relative humidity of the district was around 71-74%.

Forecasted period: Today(8.30IST) to 22th November (8.30IST)2023

Weather advisory: *Dry weather is forecasted for upcoming 5 days in the block.* The day temperature will be **30-32°C** and night temperature will be **19-22°C** for upcoming 5 days. Maximum and minimum relative humidity will be 78-94% and 40-47% respectively. **There will be clear to partly cloudy sky for next 5 days.**

Block	Tigiria (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	17/11/2023	18/11/2023	19/11/2023	20/11/2023	21/11/2023
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	32	32	32	30	30
T-Min(°C)	22	21	20	19	19
Cloud Cover(octa)	6	8	8	8	6
RH Max (%)	88	92	78	94	79
RH Min (%)	45	47	40	47	44
Wind Speed (Kmph)	7	6	7	8	8
Wind Direction (deg)	340	68	68	75	75

Agro met Advisory

General Advisory: *Harvest matured paddy crops and store them in safer place after sun drying. Complete nursery sowing or transplanting of winter vegetable crops. Irrigate the nursery during morning and evening time. Use low cost polythene cover above the vegetables nursery to avoid high evapotranspiration. Go for sowing of pea, gram and green gram crop by utilizing residual soil moisture*

Kharif Rice:

Paddy is at grain formation to harvesting stage. **As dry weather is forecasted for upcoming 5 days, in early varieties if panicle turns 85% yellow and matured, then go for harvesting of the crop.** To prevent crop from **Gundhi bug** apply 5 ml neem based insecticide (300 ppm) per liter of water or spray 1.5 ml Lambda Cyhalothrin per liter of water. To control **rice ear head bug**, go for spraying of Dichlorovos @ 1ml/l during evening hours. Spray the chemical from borders to middle of the field. Present weather conditions is favourable for the incidence of **Neck blast** disease. To control, go for spraying of tricyclazole @ 0.6 g/l or Carbendazim @ 1 g / L. If infestation of **BPH & WBPH** occurs, it is advised to alter the micro-climate of the rice field by alternate wetting and drying technique. If problem still persists, apply 40g Thiamethoxam or 60g Flonicamid per acre in alternate basis.

PULSES:

21-26°C soil temperature is required for proper germination of pulses. This is the time for sowing of pre-rabi Black gram (Biri) and Green gram (Mung). Grow high yielding varieties like T 9, PU 11, PU 19 and PU 30 for black gram; and K 851, PDM 11, PDM 54, OUM 115 for green gram. Use 10 kg seeds/acre. Before sowing, seeds are to be treated with the Rhizobium culture. Apply 4 kg urea, 35 kg DAP and 13 kg MOP per acre during final land preparation. Sow the seeds in line of 30 cm apart with 10-15 cm plant to plant distance.

GROUNDNUT:

As dry weather is forecasted for upcoming 5 days, harvesting of Groundnut should be done if 75-80 % of pods are fully matured. The important indication of maturity is yellowing of foliage and necrotic spotting of leaves and dropping of older leaves.

Mustard:

Taking the advantage of available soil moisture due to recent rain, land preparation and sowing of the crop should be started to get optimum yield. Suitable varieties: Toria- Anuradha, Parbati, Sushree, Indian mustard- Mahyco bold, JD 6. Seed rate- 8-10 Kg/ha Spacing- 30 cm X 10 cm, Fertilizer dose: Toria @ 60:30:30 N-P2O5-K2O Kg/ha Mustard @ 80:40:40 N-P2O5-K2O Kg/ha. Apply 50%N and all P2O5 and K2O fertilizers should be applied as basal. **Apply irrigation in field if mustard was sown before 15-20 days.**

VEGETABLES:

- Go for early planting of cole crops like raddish, cabbage, cauliflower, beans, cluster bean and tomato. **In case of Cauliflower in this dry days before transplanting during final land preparation apply 8-10 ton FYM per acre and fertilizer like N:P:K each 25-30 Kg/acre should be applied.**
- Forecasted max and min temp is congenial for infestation of diamond back moth in cole crops.** To control this apply Spinosad 45SC @ 0.5ml/l.
- There is a chance of occurrence of **thrip, mites and Aphids** in Brinjal, Tomato, Chilli, cole crops, for control spray imidachloprid 0.3 ml /liter or fipronil 2 ml /liter of water.
- As Onion is shallow rooted crop, so at bulb initiation stage (after 60 days) due to forecasted dry weather farmers are advised to go for irrigation in the moisture sensitive stage.**
- Animal husbandry:** In winter during cold hours farmers should keep doors, windows and open spaces in sheds covered with polythene or gunny bag curtains to prevent direct contact to cold air.

DrRanjan Kumar Mohanta
(Nodal officer)



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Bulletin No.-454
Date- 17/11/2023

				
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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	Agromet division, IMD, Pune	https://imdagrmet.gov.in/imdproject/AGIndex.php	