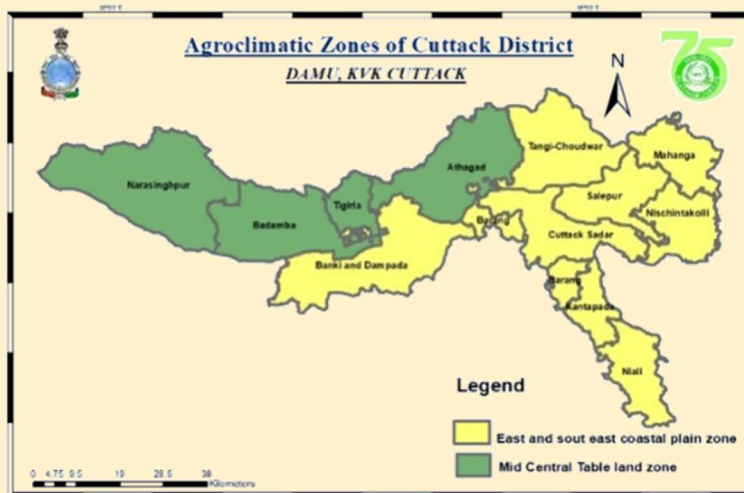




Cuttack District Block Wise Agro-met Advisory Service Bulletin

*Friday, 18th November, 2022
(For the period 18th to 22th
November, 2022)*



*Issued by
District Agromet Unit,
KrishiVigyan Kendra Cuttack*



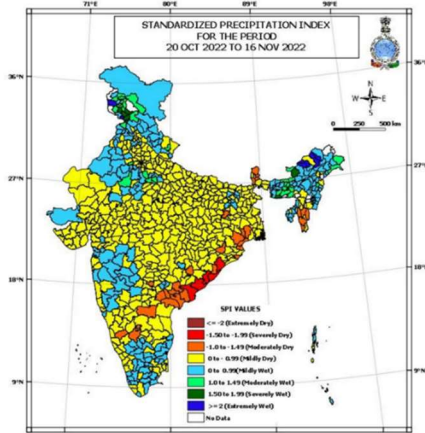
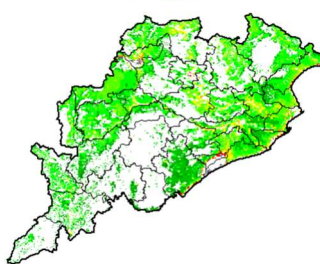


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Bulletin No.-349
Date- 18/11/2022

STANDARD PRECIPITATION INDEX AND NDVI MAP

Standard Precipitation Index (SPI)	Normalized difference vegetation Index (NDVI)
<p style="text-align: center;">Standardised Precipitation Index for the period 20th October 2022 to 16th November 2022</p> <p style="text-align: center;">MINISTRY OF EARTH SCIENCES INDIA METEOROLOGICAL DEPARTMENT HYDROMET SECTION, CRS PUNE</p>  <p style="text-align: center;">STANDARDIZED PRECIPITATION INDEX FOR THE PERIOD 20 OCT 2022 TO 16 NOV 2022</p> <p style="text-align: center;">SPI VALUES</p> <ul style="list-style-type: none"> -2 (Extremely Dry) -1.50 to -1.00 (Extremely Dry) -1.0 to -0.50 (Moderately Dry) -0.5 to -0.19 (Moderately Dry) 0 to 0.19 (Near Normal) 0.2 to 0.39 (Moderately Wet) 0.4 to 0.59 (Moderately Wet) 0.6 to 0.99 (Extremely Wet) 1.0 to 1.99 (Extremely Wet) 2+ (Extremely Wet) No Data 	<p style="text-align: center;">NOAA/VHRS/BLENDED NDVI Composite ending on Week no 45 (05.11.2022 to 11.11.2022) over Agricultural region</p> <p style="text-align: center;">Odisha</p>  <p style="text-align: right;"> -9999 - 0 0 - 0.05 0.05 - 0.1 0.1 - 0.15 0.15 - 0.2 0.2 - 0.25 0.25 - 0.3 0.3 - 0.35 0.35 - 0.4 0.4 - 0.45 0.45 - 0.5 0.5 - 0.55 0.55 - 0.6 > 0.6 </p> <p style="text-align: right;"> Bare soil, rocks clouds, rain, snow, etc. Moderate Good Very good </p> <p>Agriculture vigour is good over many places of the state and moderate over rest of the state.</p>
<p><i>As per SPI value (cumulative 4weeks -20 October2022 – 16 November2022), milddrycondition was there in Cuttack district.</i></p>	<p><i>According to NDVI map (05.11.2022 to 11.11.2022) the agriculture vigor was moderate to good overmost places of Cuttack and light to moderate over BankiDampada, Athagad and Baranga block of Cuttack district.</i></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

Dr Sujata Sethy
(Nodal officer)



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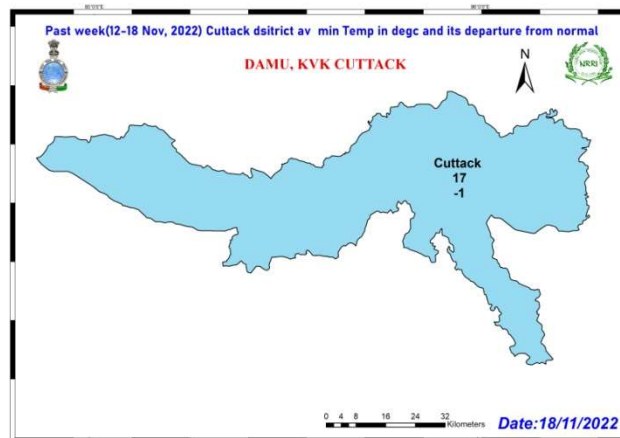
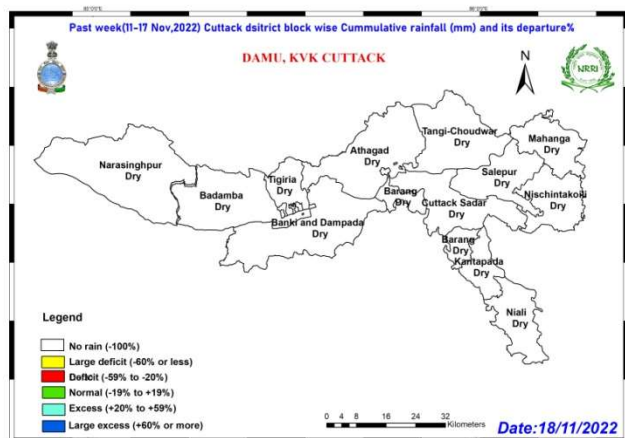


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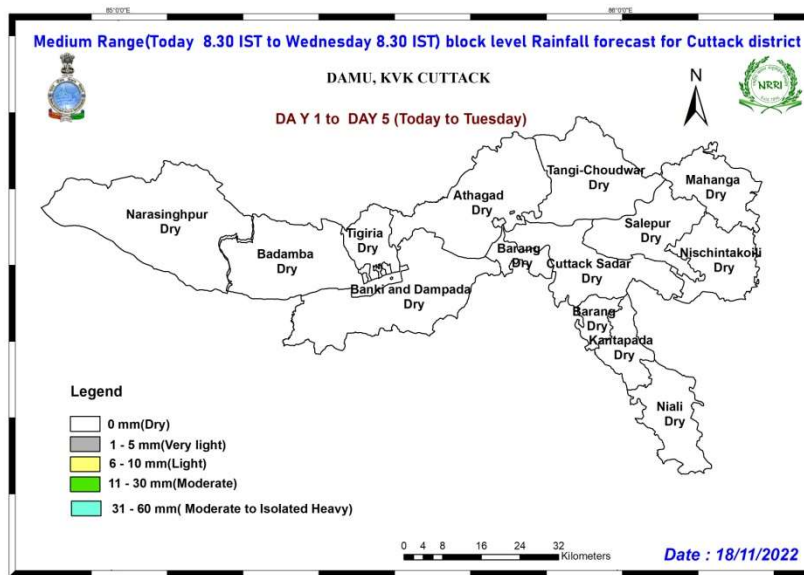


Bulletin No.-349
Date- 18/11/2022

Past week (11-17 Nov, 2022) cumulative rainfall departure% from normal and (12-18 Nov, 2022) average 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



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Bulletin No.-349
 Date- 18/11/2022

Met Sub division	Extended range outlook for subsequent 1 week (6 th to 12 th days) (23-29 November 2022)		
Odisha	<i>Parameter</i>	<i>Departure (%)</i>	<i>Category</i>
	Rainfall	6.20	Normal
	<i>Parameter</i>	<i>Anomaly</i>	<i>Category</i>
	Maximum temperature	0.98	Normal
	Minimum temperature	0.07	Normal

General Agromet Advisory:- There will be normal rainfall is forecasted in subsequent week after 5 days in Odisha condition, so farmers are advised to complete their sowing of pre rabi vegetables like Cauliflower, cabbage, Carrot, Radish in the subsequent week by utilizing rain water.

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Bulletin No.-349
Date- 18/11/2022

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	Panicle initiation to Flowering stage		Gundhi bug
				False smut
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.-349
Date- 18/11/2022

AGROMET ADVISORY BULLETIN FOR ATHAGAD

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

The block received average 0mm and district received average 0mm rainfall during the last week. The mean daily maximum and minimum temperature was 30.42°C (-0.6) and 19°C (-0.02), respectively. The mean relative humidity was 70-78%.

Forecasted period: Today(8.30IST) to 23th November(8.30IST)2022

Weather advisory: Dry weather is forecasted for upcoming 5 days in the block. The day temperature will be 29-31°C and night temperature will be 17-21°C for upcoming 5 days. Maximum and minimum relative humidity will be 55-72% and 28-38% 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	18/11/2022	19/11/2022	20/11/2022	21/11/2022	22/11/2022
Rainfall (mm)	0	0	0	0	0
T-Max (°C)	30	29	29	30	31
T-Min (°C)	18	17	20	21	20
Cloud Cover (octa)	3	7	8	5	2
RH Max (%)	63	57	55	57	72
RH Min (%)	34	31	28	34	38
Wind Speed (kmph)	9	8	7	6	5
Wind Direction (deg)	345	351	45	75	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 poor germination due to low temperature. Go for sowing of pea, gram and green gram crop by utilizing residual soil moisture

Kharif Rice:

Paddy is at PI to flowering 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. For prevention of **false smut** spray the field before panicle initiation or flowering with propiconazole 25%EC @ 2ml/liter of water.

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.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-349
Date- 18/11/2022

AGROMET ADVISORY BULLETIN FOR BADAMBA

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

The block received average 0mm and district received average 0mm rainfall during the last week. The mean daily maximum and minimum temperature was 30.42°C (-0.6) and 19°C (-0.02), respectively. The mean relative humidity was 70-78%.

Forecasted period: Today(8.30IST) to 23th November(8.30IST)2022

Weather advisory: Dry weather is forecasted for upcoming 5 days in the block. The day temperature will be 28-31°C and night temperature will be 16-20°C for upcoming 5 days. Maximum and minimum relative humidity will be 54-78% and 27-37% respectively. There will be clear to partly cloudy sky for next 5 days.

Block	Badamba (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	18/11/2022	19/11/2022	20/11/2022	21/11/2022	22/11/2022
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	30	28	29	30	31
T-Min(°C)	17	16	19	20	20
Cloud Cover(octa)	4	7	8	5	3
RH Max (%)	64	57	54	60	78
RH Min (%)	32	31	27	35	37
Wind Speed (Kmph)	8	8	5	6	5
Wind Direction (deg)	360	360	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 poor germination due to low temperature. Go for sowing of pea, gram and green gram crop by utilizing residual soil moisture

Kharif Rice:

Paddy is at PI to flowering 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. For prevention of **false smut** spray the field before panicle initiation or flowering with propiconazole 25%EC @ 2ml/liter of water.

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.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-349
Date- 18/11/2022

AGROMET ADVISORY BULLETIN FOR BANKI

District Past week average weather condition

The block received average 0mm and district received average 0mm rainfall during the last week. The mean daily maximum and minimum temperature was 30.42°C (-0.6) and 19°C (-0.02), respectively. The mean relative humidity was 70-78%.

Forecasted period: Today(8.30IST) to 23th November(8.30IST)2022

Weather advisory: Dry weather is forecasted for upcoming 5 days in the block. The day temperature will be 28-31°C and night temperature will be 16-20°C for upcoming 5 days. Maximum and minimum relative humidity will be 54-76% and 28-37% 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	18/11/2022	19/11/2022	20/11/2022	21/11/2022	22/11/2022
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	30	28	29	30	31
T-Min(°C)	17	16	20	20	20
Cloud Cover(octa)	3	7	8	5	3
RH Max (%)	63	57	54	57	76
RH Min (%)	33	31	28	35	37
Wind Speed (Kmph)	9	9	7	6	5
Wind Direction (deg)	345	360	56	23	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 poor germination due to low temperature. Go for sowing of pea, gram and green gram crop by utilizing residual soil moisture

Kharif Rice:

Paddy is at PI to flowering 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. For prevention of **false smut** spray the field before panicle initiation or flowering with propiconazole 25%EC @ 2ml/liter of water.

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.
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- 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:

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Bulletin No.-349
Date- 18/11/2022

AGROMET ADVISORY BULLETIN FOR BANKI-DAMPADA

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

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Forecasted period: Today(8.30IST) to 23th November(8.30IST)2022

Weather Advisory: Dry weather is forecasted for upcoming 5 days in the block. The day temperature will be 28-31°C and night temperature will be 17-20°C for upcoming 5 days. Maximum and minimum relative humidity will be 54-75% and 28-37% respectively. There will be clear to partly cloudy sky for next 5 days.

Block	Banki-Dampada (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	18/11/2022	19/11/2022	20/11/2022	21/11/2022	22/11/2022
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	30	28	29	30	31
T-Min(°C)	17	17	20	20	20
Cloud Cover(octa)	3	7	8	5	3
RH Max (%)	63	57	54	57	75
RH Min (%)	33	31	28	34	37
Wind Speed (Kmph)	9	9	7	7	5
Wind Direction (deg)	345	360	45	23	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 poor germination due to low temperature. Go for sowing of pea, gram and green gram crop by utilizing residual soil moisture

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GROUNDNUT:

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Mustard:

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VEGETABLES:

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- 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.
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- 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.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-349
Date- 18/11/2022

AGROMET ADVISORY BULLETIN FOR BARANGA

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

The block received average 0mm and district received average 0mm rainfall during the last week. The mean daily maximum and minimum temperature was 30.42°C (-0.6) and 19°C (-0.02), respectively. The mean relative humidity was 70-78%.

Forecasted period: Today(8.30IST) to 23th November(8.30IST)2022

Weather advisory: Dry weather is forecasted for upcoming 5 days in the block. The day temperature will be 28-31°C and night temperature will be 18-21°C for upcoming 5 days. Maximum and minimum relative humidity will be 52-64% and 31-37% respectively. There will be clear to partly cloudy sky for next 5 days.

Block	Baranga (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	18/11/2022	19/11/2022	20/11/2022	21/11/2022	22/11/2022
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	30	28	29	30	31
T-Min(°C)	18	18	21	21	21
Cloud Cover	3	7	8	5	3
RH Max (%)	61	55	52	55	64
RH Min (%)	36	33	31	34	37
Wind Speed (Kmph)	12	10	9	8	6
Wind Direction (deg)	27	351	32	15	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 poor germination due to low temperature. Go for sowing of pea, gram and green gram crop by utilizing residual soil moisture

Kharif Rice:

Paddy is at PI to flowering 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. For prevention of **false smut** spray the field before panicle initiation or flowering with propiconazole 25%EC@ 2ml/liter of water.

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.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-349
Date- 18/11/2022

AGROMET ADVISORY BULLETIN FOR CUTTACK SADAR

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

The block received average 0mm and district received average 0mm rainfall during the last week. The mean daily maximum and minimum temperature was 30.42°C (-0.6) and 19°C (-0.02), respectively. The mean relative humidity was 70-78%.

Forecasted period: Today(8.30IST) to 23th November(8.30IST)2022

Weather advisory: Dry weather is forecasted for upcoming 5 days in the block. The day temperature will be 28-31°C and night temperature will be 18-21°C for upcoming 5 days. Maximum and minimum relative humidity will be 53-64% and 30-37% respectively. There will be clear to partly cloudy sky for next 5 days.

Block	Cuttack sadar (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	18/11/2022	19/11/2022	20/11/2022	21/11/2022	22/11/2022
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	30	28	30	30	31
T-Min(°C)	18	18	21	21	21
Cloud Cover(octa)	3	7	8	5	2
RH Max (%)	60	55	53	55	64
RH Min (%)	35	32	30	34	37
Wind Speed (Kmph)	11	10	9	8	6
Wind Direction (deg)	27	351	32	15	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 poor germination due to low temperature. Go for sowing of pea, gram and green gram crop by utilizing residual soil moisture

Kharif Rice:

Paddy is at PI to flowering 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. For prevention of **false smut** spray the field before panicle initiation or flowering with propiconazole 25%EC @ 2ml/liter of water.

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.

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.

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.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-349
Date- 18/11/2022

AGROMET ADVISORY BULLETIN FOR KANTAPADA

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

The block received average 0mm and district received average 0mm rainfall during the last week. The mean daily maximum and minimum temperature was 30.42°C (-0.6) and 19°C (-0.02), respectively. The mean relative humidity was 70-78%.

Forecasted period: Today(8.30IST) to 23th November(8.30IST)2022

Weather advisory: Dry weather is forecasted for upcoming 5 days in the block. The day temperature will be 28-31°C and night temperature will be 18-21°C for upcoming 5 days. Maximum and minimum relative humidity will be 52-65% and 34-37% 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	18/11/2022	19/11/2022	20/11/2022	21/11/2022	22/11/2022
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	30	28	29	30	31
T-Min(°C)	18	18	21	21	21
Cloud Cover(octa)	3	7	8	5	3
RH Max (%)	60	52	53	56	65
RH Min (%)	37	34	34	36	37
Wind Speed (Kmph)	13	12	11	9	8
Wind Direction (deg)	27	11	32	15	342

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 poor germination due to low temperature. Go for sowing of pea, gram and green gram crop by utilizing residual soil moisture

Kharif Rice:

Paddy is at PI to flowering 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. For prevention of **false smut** spray the field before panicle initiation or flowering with propiconazole 25%EC @ 2ml/liter of water.

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.

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.

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.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-349
Date- 18/11/2022

AGROMET ADVISORY BULLETIN FOR MAHANGA

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

The block received average 0mm and district received average 0mm rainfall during the last week. The mean daily maximum and minimum temperature was 30.42°C (-0.6) and 19°C (-0.02), respectively. The mean relative humidity was 70-78%.

Forecasted period: Today(8.30IST) to 23th November(8.30IST)2022

Weather advisory: Dry weather is forecasted for upcoming 5 days in the block. The day temperature will be and it will be 28-31°C and night temperature will be 17-21°C for upcoming 5 days. Maximum and minimum relative humidity will be 52-58% and 33-37% respectively. There will be clear to partly cloudy sky for next 5 days.

Block	Mahanga (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	18/11/2022	19/11/2022	20/11/2022	21/11/2022	22/11/2022
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	30	28	29	30	31
T-Min(°C)	17	17	21	21	20
Cloud Cover(octal)	3	7	8	5	2
RH Max (%)	58	52	53	55	57
RH Min (%)	37	34	33	36	36
Wind Speed (Kmph)	13	11	10	9	7
Wind Direction (deg)	27	11	32	23	23

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 poor germination due to low temperature. Go for sowing of pea, gram and green gram crop by utilizing residual soil moisture

Kharif Rice:

Paddy is at PI to flowering 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. For prevention of **false smut** spray the field before panicle initiation or flowering with propiconazole 25%EC @ 2ml/liter of water.

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.

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.

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.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-349
Date- 18/11/2022

AGROMET ADVISORY BULLETIN FOR NARASINGHPUR

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

The block received average 0mm and district received average 0mm rainfall during the last week. The mean daily maximum and minimum temperature was 30.42°C (-0.6) and 19°C (-0.02), respectively. The mean relative humidity was 70-78%.

Forecasted period: Today(8.30IST) to 23th November(8.30IST)2022

Weather advisory: Dry weather is forecasted for upcoming 5 days in the block. The day temperature will be 27-32°C and night temperature will be 14-18°C for upcoming 5 days. Maximum and minimum relative humidity will be 52-80% and 25-35% 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	18/11/2022	19/11/2022	20/11/2022	21/11/2022	22/11/2022
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	29	27	29	30	32
T-Min(°C)	15	14	18	18	18
Cloud Cover(octa)	5	6	7	5	2
RH Max (%)	64	58	52	64	80
RH Min (%)	31	31	25	34	35
Wind Speed (Kmph)	7	7	4	4	3
Wind Direction (deg)	360	360	360	68	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 poor germination due to low temperature. Go for sowing of pea, gram and green gram crop by utilizing residual soil moisture

Kharif Rice:

Paddy is at PI to flowering 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. For prevention of **false smut** spray the field before panicle initiation or flowering with propiconazole 25%EC @ 2ml/liter of water.

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.

Dr Sujata Sethy
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Bulletin No.-349
Date- 18/11/2022

AGROMET ADVISORY BULLETIN FOR NIALI

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

The block received average 0mm and district received average 0mm rainfall during the last week. The mean daily maximum and minimum temperature was 30.42°C (-0.6) and 19°C (-0.02), respectively. The mean relative humidity was 70-78%.

Forecasted period: Today(8.30IST) to 23th November(8.30IST)2022

Weather advisory: Dry weather is forecasted for upcoming 5 days in the block. The day temperature will be 28-31°C and night temperature will be 18-21°C for upcoming 5 days. Maximum and minimum relative humidity will be 51-67% and 35-38% 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	18/11/2022	19/11/2022	20/11/2022	21/11/2022	22/11/2022
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	30	28	29	30	31
T-Min(°C)	18	18	21	21	21
Cloud Cover(octa)	3	7	7	5	3
RH Max (%)	60	51	54	58	67
RH Min (%)	38	35	36	37	37
Wind Speed(Kmph)	15	13	11	10	8
Wind Direction(deg)	27	11	32	45	23

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 poor germination due to low temperature. Go for sowing of pea, gram and green gram crop by utilizing residual soil moisture

Kharif Rice:

Paddy is at PI to flowering 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. For prevention of **false smut** spray the field before panicle initiation or flowering with propiconazole 25%EC @ 2ml/liter of water.

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.

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.

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.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-349
Date- 18/11/2022

AGROMET ADVISORY BULLETIN FOR NISCHINTAKOILI

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

The block received average 0mm and district received average 0mm rainfall during the last week. The mean daily maximum and minimum temperature was 30.42°C (-0.6) and 19°C (-0.02), respectively. The mean relative humidity was 70-78%.

Forecasted period: Today(8.30IST) to 23th November(8.30IST)2022

Weather advisory: Dry weather is forecasted for upcoming 5 Days in the block. The day temperature will be 28-31°C and night temperature will be 18-21°C for upcoming 5 days. Maximum and minimum relative humidity will be 52-58% and 34-38% 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	18/11/2022	19/11/2022	20/11/2022	21/11/2022	22/11/2022
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	30	28	29	30	31
T-Min(°C)	18	18	21	21	21
Cloud Cover(octa)	3	7	8	5	2
RH Max (%)	58	52	53	54	56
RH Min (%)	38	34	34	36	36
Wind Speed (Kmph)	14	12	11	9	8
Wind Direction (deg)	27	11	32	23	23

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 poor germination due to low temperature. Go for sowing of pea, gram and green gram crop by utilizing residual soil moisture

Kharif Rice:

Paddy is at PI to flowering 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. For prevention of **false smut** spray the field before panicle initiation or flowering with propiconazole 25%EC @ 2ml/liter of water.

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.

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.

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.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-349
Date- 18/11/2022

AGROMET ADVISORY BULLETIN FOR SALEPUR

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

The block received average 0mm and district received average 0mm rainfall during the last week. The mean daily maximum and minimum temperature was 30.42°C (-0.6) and 19°C (-0.02), respectively. The mean relative humidity was 70-78%.

Forecasted period: Today(8.30IST) to 23th November(8.30IST)2022

Weather advisory: Dry weather is forecasted for upcoming 5 days in the block. The day temperature will be 28-31°C and night temperature will be 18-21°C for upcoming 5 days. Maximum and minimum relative humidity will be 53-58% and 33-38% respectively. There will be clear to partly cloudy sky for next 5 days.

Block	Salepur (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	18/11/2022	19/11/2022	20/11/2022	21/11/2022	22/11/2022
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	30	28	29	30	31
T-Min(°C)	18	18	21	21	21
Cloud Cover(octa)	3	7	8	5	2
RH Max (%)	58	53	53	54	57
RH Min (%)	38	34	33	36	36
Wind Speed (Kmph)	13	11	10	9	7
Wind Direction (deg)	27	11	32	15	23

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 poor germination due to low temperature. Go for sowing of pea, gram and green gram crop by utilizing residual soil moisture

Kharif Rice:

Paddy is at PI to flowering 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. For prevention of **false smut** spray the field before panicle initiation or flowering with propiconazole 25%EC @ 2ml/liter of water.

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.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-349
Date- 18/11/2022

AGROMET ADVISORY BULLETIN FOR TANGI-CHOUDWAR

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

The block received average 0mm and district received average 0mm rainfall during the last week. The mean daily maximum and minimum temperature was 30.42°C (-0.6) and 19°C (-0.02), respectively. The mean relative humidity was 70-78%.

Forecasted period: Today(8.30IST) to 23th November(8.30IST)2022

Weather advisory: Dry weather is forecasted for upcoming 5 days in the block. The day temperature will be 27-30°C and night temperature will be 20-22°C for upcoming 5 days. Maximum and minimum relative humidity will be 50-59% and 39-45% 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	18/11/2022	19/11/2022	20/11/2022	21/11/2022	22/11/2022
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	29	27	28	29	30
T-Min(°C)	20	20	22	22	22
Cloud Cover(octa)	3	6	7	5	3
RH Max (%)	59	50	56	56	59
RH Min (%)	42	39	43	45	41
Wind Speed (Kmph)	19	17	14	12	11
Wind Direction (deg)	23	21	32	32	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 poor germination due to low temperature. Go for sowing of pea, gram and green gram crop by utilizing residual soil moisture

Kharif Rice:

Paddy is at PI to flowering 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. For prevention of **false smut** spray the field before panicle initiation or flowering with propiconazole 25%EC @ 2ml/liter of water.

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.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-349
Date- 18/11/2022

AGROMET ADVISORY BULLETIN FOR TIGIRIA

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

The block received average 0mm and district received average 0mm rainfall during the last week. The mean daily maximum and minimum temperature was 30.42°C (-0.6) and 19°C (-0.02), respectively. The mean relative humidity was 70-78%.

Forecasted period: Today(8.30IST) to 23th November(8.30IST)2022

Weather advisory: Dry weather is forecasted for upcoming 5 days in the block. The day temperature will be 29-31°C and night temperature will be 16-20°C for upcoming 5 days. Maximum and minimum relative humidity will be 56-76% and 28-38% 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	18/11/2022	19/11/2022	20/11/2022	21/11/2022	22/11/2022
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	30	29	29	30	31
T-Min(°C)	17	16	20	20	20
Cloud Cover(octa)	4	7	8	5	3
RH Max (%)	63	57	56	58	76
RH Min (%)	33	31	28	35	38
Wind Speed (Kmph)	9	8	6	6	5
Wind Direction (deg)	345	360	56	101	68

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 poor germination due to low temperature. Go for sowing of pea, gram and green gram crop by utilizing residual soil moisture

Kharif Rice:

Paddy is at PI to flowering 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. For prevention of **false smut** spray the field before panicle initiation or flowering with propiconazole 25%EC @ 2ml/liter of water.

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.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-349
 Date- 18/11/2022

				
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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	

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