



Cuttack District Block Wise Agro-met Advisory Service Bulletin

*Friday, 25th November, 2022
(For the period 25th to 29th
November, 2022)*



*Issued by
District Agromet Unit,
KrishiVigyan Kendra Cuttack*





GRAMIN KRISHI MAUSAM SEWA
INDIA METEOROLOGICAL DEPARTMENT
DISTRICT AGROMET UNIT
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 (A Unit of ICAR-National Rice Research Institute)
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Bulletin No.-351
Date- 25/11/2022

STANDARD PRECIPITATION INDEX AND NDVI MAP

Standard Precipitation Index (SPI)	Normalized difference vegetation Index (NDVI)
<p>Standardised Precipitation Index for the period 27th October 2022 to 23rd November 2022</p> <p>MINISTRY OF EARTH SCIENCES INDIA METEOROLOGICAL DEPARTMENT HYDROMET SECTION, CRS PUNE</p> <p>STANDARDIZED PRECIPITATION INDEX FOR THE PERIOD 27 OCT 2022 TO 23 NOV 2022</p> <p>SPI VALUES</p> <ul style="list-style-type: none"> < -2 (Extremely Dry) -1.50 to -1.00 (Severely Dry) -1.00 to -1.49 (Moderately Dry) -0.50 to -0.99 (Moderately Dry) 0.00 to 0.49 (Near Normal) 0.50 to 0.99 (Moderately Wet) 1.00 to 1.49 (Moderately Wet) 1.50 to 1.99 (Severely Wet) > 2 (Extremely Wet) No Data 	<p>NOAA/VIIIRS/BLENDED NDVI Composite ending on Week no 46 (12.11.2022 to 18.11.2022) over Agricultural region</p> <p align="center">Odisha</p> <p>Agriculture vigour is good over few places of the state and moderate over rest of the state.</p>
<p><i>As per SPI value (cumulative 4weeks -27 October2022 – 23 November2022), milddrycondition was there in Cuttack district.</i></p>	<p><i>According to NDVI map (12.11.2022 to 18.11.2022) the agriculture vigor was moderate to good overmost places of Cuttack and light to moderate over BankiDampada, Athagad and Baranga, Tigirea, Niali 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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Debasish Jena
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Weather (Past and Forecasted) based Disease and pest in Major Crops and vegetables

Sl No	Crop	Stage and condition of the crop	Anticipated Disease and pest	
1	Rice	Panicle initiation to Flowering stage		Gundhi bug
				False smut
2	Sugarcane	Grand growth stage to cane development stag		Woolly Aphid
				Scale insect
				White fly
				Mealy bug
3	Mustard	Vegetative		Painted Bug
				Saw fly
4	Cole crops	Vegetative to fruiting		DBM
	Vegetables	Vegetative to fruiting		sucking pest(Aphid, Mites, Thrips)

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Bulletin No.-351
Date- 25/11/2022

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 29.57°C (-1.13) and 17.85°C (0.55), respectively. The mean relative humidity was 65-71%.

Forecasted period: Today(8.30IST) to 30th November(8.30IST)2022

Weather advisory: Dry weather is forecasted for upcoming 5 days in the block. The day temperature will be 29-30°C and night temperature will be 15-17°C for upcoming 5 days. Maximum and minimum relative humidity will be 52-73% and 23-29% 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	25/11/2022	26/11/2022	27/11/2022	28/11/2022	29/11/2022
Rainfall (mm)	0	0	0	0	0
T-Max (°C)	29	29	29	30	30
T-Min (°C)	15	15	15	17	16
Cloud Cover (octa)	0	0	0	0	2
RH Max (%)	52	53	72	73	65
RH Min (%)	23	23	25	29	29
Wind Speed (kmph)	7	5	5	5	6
Wind Direction (deg)	334	330	330	360	15

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. Early sown paddy are at milk dough to maturity stage. Drainout filed before 10-15 days of harvesting. **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.

Mustard:

Taking the advantage of available soil moisture, 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. Due to increase in day temperature there may be infestation of saw fly and painted bug in Mustard, to control bug spray Dimethothate 30 EC @ 1ml in liter of water and to control Saw fly spray imidachloprid 0.3 ml /liter of water.**

VEGETABLES: As dry weather was prevailed in last 2-3 weeks and also forecasted for upcoming 5 days, farmers should irrigate their vegetable field in morning and evening hrs.

- 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.-351
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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 29.57°C (-1.13) and 17.85°C (0.55), respectively. The mean relative humidity was 65-71%.

Forecasted period: Today(8.30IST) to 30th November(8.30IST)2022

Weather advisory: Dry weather is forecasted for upcoming 5 days in the block. The day temperature will be 29-30°C and night temperature will be 14-16°C for upcoming 5 days. Maximum and minimum relative humidity will be 49-74% and 23-29% 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	25/11/2022	26/11/2022	27/11/2022	28/11/2022	29/11/2022
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	29	29	29	29	30
T-Min(°C)	14	14	14	16	16
Cloud Cover(octa)	0	0	0	0	2
RH Max (%)	50	49	63	74	63
RH Min (%)	23	23	23	27	29
Wind Speed (Kmph)	7	5	5	5	6
Wind Direction (deg)	338	342	345	18	360

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. Early sown paddy are at milk dough to maturity stage. Drainout filed before 10-15 days of harvesting. 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.

Mustard:

Taking the advantage of available soil moisture, 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. Due to increase in day temperature there may be infestation of saw fly and painted bug in Mustard, to control bug spray Dimethoth 30 EC @ 1ml in liter of water and to control Saw fly spray imidachloprid 0.3 ml /liter of water.

VEGETABLES: As dry weather was prevailed in last 2-3 weeks and also forecasted for upcoming 5 days, farmers should irrigate their vegetable field in morning and evening hrs.

- 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.-351
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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 29.57°C (-1.13) and 17.85°C (0.55), respectively. The mean relative humidity was 65-71%.

Forecasted period: Today(8.30IST) to 30th November(8.30IST)2022

Weather advisory: Dry weather is forecasted for upcoming 5 days in the block. The day temperature will be 29-30°C and night temperature will be 15-16°C for upcoming 5 days. Maximum and minimum relative humidity will be 51-75% and 23-29% 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	25/11/2022	26/11/2022	27/11/2022	28/11/2022	29/11/2022
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	29	29	29	29	30
T-Min(°C)	15	15	15	16	16
Cloud Cover(octa)	0	0	0	0	2
RH Max (%)	51	51	69	75	62
RH Min (%)	23	23	23	28	29
Wind Speed (Kmph)	7	6	5	5	6
Wind Direction (deg)	341	360	338	360	345

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. Early sown paddy are at milk dough to maturity stage. Drainout filed before 10-15 days of harvesting. 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.

Mustard:

Taking the advantage of available soil moisture, 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. Due to increase in day temperature there may be infestation of saw fly and painted bug in Mustard, to control bug spray Dimethote 30 EC @ 1ml in liter of water and to control Saw fly spray imidachloprid 0.3 ml /liter of water.

VEGETABLES: As dry weather was prevailed in last 2-3 weeks and also forecasted for upcoming 5 days, farmers should irrigate their vegetable field in morning and evening hrs.

- 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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AGROMET ADVISORY BULLETIN FOR BANKI-DAMPADA

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 29.57°C (-1.13) and 17.85°C (0.55), respectively. The mean relative humidity was 65-71%.

Forecasted period: Today(8.30IST) to 30th November(8.30IST)2022

Weather Advisory: Dry weather is forecasted for upcoming 5 days in the block. The day temperature will be 29-30°C and night temperature will be 15-16°C for upcoming 5 days. Maximum and minimum relative humidity will be 50-74% and 23-28% 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	25/11/2022	26/11/2022	27/11/2022	28/11/2022	29/11/2022
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	29	29	29	30	30
T-Min(°C)	15	15	15	16	16
Cloud Cover(octa)	0	0	0	0	2
RH Max (%)	50	51	69	74	62
RH Min (%)	23	23	23	28	28
Wind Speed (Kmph)	7	6	5	5	7
Wind Direction (deg)	341	360	338	360	345

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. Early sown paddy are at milk dough to maturity stage. Drainout filed before 10-15 days of harvesting. 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.

Mustard:

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VEGETABLES: As dry weather was prevailed in last 2-3 weeks and also forecasted for upcoming 5 days, farmers should irrigate their vegetable field in morning and evening hrs.

- 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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AGROMET ADVISORY BULLETIN FOR BARANGA

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The block received average 0mm and district received average 0mm rainfall during the last week. The mean daily maximum and minimum temperature was 29.57°C (-1.13) and 17.85°C (0.55), respectively. The mean relative humidity was 65-71%.

Forecasted period: Today(8.30IST) to 30th November(8.30IST)2022

Weather advisory: Dry weather is forecasted for upcoming 5 days in the block. The day temperature will be 29-30°C and night temperature will be 16-17°C for upcoming 5 days. Maximum and minimum relative humidity will be 49-74% and 23-29% 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	25/11/2022	26/11/2022	27/11/2022	28/11/2022	29/11/2022
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	29	29	30	30	30
T-Min(°C)	16	16	16	17	17
Cloud Cover	0	0	0	0	2
RH Max (%)	49	63	74	66	62
RH Min (%)	23	23	26	29	28
Wind Speed (Kmph)	7	6	5	7	8
Wind Direction (deg)	9	338	326	345	18

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. Early sown paddy are at milk dough to maturity stage. Drainout filed before 10-15 days of harvesting. 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.

Mustard:

Taking the advantage of available soil moisture, 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. Due to increase in day temperature there may be infestation of saw fly and painted bug in Mustard, to control bug spray Dimethote 30 EC @ 1ml in liter of water and to control Saw fly spray imidachloprid 0.3 ml /liter of water.

VEGETABLES: As dry weather was prevailed in last 2-3 weeks and also forecasted for upcoming 5 days, farmers should irrigate their vegetable field in morning and evening hrs.

- 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.-351
Date- 25/11/2022

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 29.57°C (-1.13) and 17.85°C (0.55), respectively. The mean relative humidity was 65-71%.

Forecasted period: Today(8.30IST) to 30th November(8.30IST)2022

Weather advisory: Dry weather is forecasted for upcoming 5 days in the block. The day temperature will be 29-30°C and night temperature will be 16-17°C for upcoming 5 days. Maximum and minimum relative humidity will be 51-74% and 23-29% 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	25/11/2022	26/11/2022	27/11/2022	28/11/2022	29/11/2022
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	29	29	30	30	30
T-Min(°C)	16	16	16	17	17
Cloud Cover(octa)	0	0	0	0	2
RH Max (%)	51	58	74	66	64
RH Min (%)	23	23	26	29	28
Wind Speed (Kmph)	6	5	5	6	8
Wind Direction (deg)	9	330	326	345	18

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. Early sown paddy are at milk dough to maturity stage. Drainout filed before 10-15 days of harvesting. 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, 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. Due to increase in day temperature there may be infestation of saw fly and painted bug in Mustard, to control bug spray Dimethothate 30 EC @ 1ml in liter of water and to control Saw fly spray imidachloprid 0.3 ml /liter of water.

VEGETABLES: As dry weather was prevailed in last 2-3 weeks and also forecasted for upcoming 5 days, farmers should irrigate their vegetable field in morning and evening hrs.

- 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.-351
Date- 25/11/2022

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 29.57°C (-1.13) and 17.85°C (0.55), respectively. The mean relative humidity was 65-71%.

Forecasted period: Today(8.30IST) to 30th November(8.30IST)2022

Weather advisory: Dry weather is forecasted for upcoming 5 days in the block. The day temperature will be 29-30°C and night temperature will be 16-17°C for upcoming 5 days. Maximum and minimum relative humidity will be 50-73% and 23-30% 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	25/11/2022	26/11/2022	27/11/2022	28/11/2022	29/11/2022
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	29	29	30	30	30
T-Min(°C)	16	16	17	17	17
Cloud Cover(octa)	0	0	0	0	2
RH Max (%)	50	71	73	62	60
RH Min (%)	23	24	27	30	29
Wind Speed (Kmph)	7	6	6	8	9
Wind Direction (deg)	18	360	330	360	18

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. Early sown paddy are at milk dough to maturity stage. Drainout filed before 10-15 days of harvesting. **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, 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. Due to increase in day temperature there may be infestation of saw fly and painted bug in Mustard, to control bug spray Dimethoth 30 EC @ 1ml in liter of water and to control Saw fly spray imidachloprid 0.3 ml /liter of water.**

VEGETABLES: As dry weather was prevailed in last 2-3 weeks and also forecasted for upcoming 5 days, farmers should irrigate their vegetable field in morning and evening hrs.

- 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.-351
Date- 25/11/2022

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 29.57°C (-1.13) and 17.85°C (0.55), respectively. The mean relative humidity was 65-71%.

Forecasted period: Today(8.30IST) to 30th 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 29-30°C and night temperature will be 16-17°C for upcoming 5 days. Maximum and minimum relative humidity will be 50-70% and 23-30% 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	25/11/2022	26/11/2022	27/11/2022	28/11/2022	29/11/2022
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	29	29	30	30	30
T-Min(°C)	16	17	17	17	17
Cloud Cover(octal)	0	0	0	0	2
RH Max (%)	50	61	70	58	61
RH Min (%)	23	24	28	30	30
Wind Speed (Kmph)	7	5	6	8	9
Wind Direction (deg)	345	315	15	23	360

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. Early sown paddy are at milk dough to maturity stage. Drainout filed before 10-15 days of harvesting. **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, 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. Due to increase in day temperature there may be infestation of saw fly and painted bug in Mustard, to control bug spray Dimethoth 30 EC @ 1ml in liter of water and to control Saw fly spray imidachloprid 0.3 ml /liter of water.**

VEGETABLES: As dry weather was prevailed in last 2-3 weeks and also forecasted for upcoming 5 days, farmers should irrigate their vegetable field in morning and evening hrs.

- 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.-351
Date- 25/11/2022

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 29.57°C (-1.13) and 17.85°C (0.55), respectively. The mean relative humidity was 65-71%.

Forecasted period: Today(8.30IST) to 30th November(8.30IST)2022

Weather advisory: Dry weather is forecasted for upcoming 5 days in the block. The day temperature will be 29-30°C and night temperature will be 13-15°C for upcoming 5 days. Maximum and minimum relative humidity will be 47-71% and 22-29% 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	25/11/2022	26/11/2022	27/11/2022	28/11/2022	29/11/2022
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	29	29	29	29	30
T-Min(°C)	14	13	13	15	15
Cloud Cover(octa)	0	0	0	0	1
RH Max (%)	50	47	57	71	65
RH Min (%)	23	22	22	25	29
Wind Speed (Kmph)	7	5	3	4	4
Wind Direction (deg)	338	326	345	18	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. Early sown paddy are at milk dough to maturity stage. Drainout filed before 10-15 days of harvesting. 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.

Mustard:

Taking the advantage of available soil moisture, 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. Due to increase in day temperature there may be infestation of saw fly and painted bug in Mustard, to control bug spray Dimethoth 30 EC @ 1ml in liter of water and to control Saw fly spray imidachloprid 0.3 ml /liter of water.

VEGETABLES: As dry weather was prevailed in last 2-3 weeks and also forecasted for upcoming 5 days, farmers should irrigate their vegetable field in morning and evening hrs.

- 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.-351
Date- 25/11/2022

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 29.57°C (-1.13) and 17.85°C (0.55), respectively. The mean relative humidity was 65-71%.

Forecasted period: Today(8.30IST) to 30th November(8.30IST)2022

Weather advisory: Dry weather is forecasted for upcoming 5 days in the block. The day temperature will be 29-30°C and night temperature will be 16-17°C for upcoming 5 days. Maximum and minimum relative humidity will be 53-73% and 24-30% 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	25/11/2022	26/11/2022	27/11/2022	28/11/2022	29/11/2022
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	30	29	30	30	30
T-Min(°C)	16	16	17	17	17
Cloud Cover(octa)	0	0	0	0	2
RH Max (%)	53	73	73	62	60
RH Min (%)	24	25	28	30	29
Wind Speed(Kmph)	8	7	6	8	10
Wind Direction(deg)	360	345	338	349	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. Early sown paddy are at milk dough to maturity stage. Drainout filed before 10-15 days of harvesting. **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, 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. Due to increase in day temperature there may be infestation of saw fly and painted bug in Mustard, to control bug spray Dimethothate 30 EC @ 1ml in liter of water and to control Saw fly spray imidachloprid 0.3 ml /liter of water.**

VEGETABLES: As dry weather was prevailed in last 2-3 weeks and also forecasted for upcoming 5 days, farmers should irrigate their vegetable field in morning and evening hrs.

- 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.-351
Date- 25/11/2022

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 29.57°C (-1.13) and 17.85°C (0.55), respectively. The mean relative humidity was 65-71%.

Forecasted period: Today(8.30IST) to 30th November(8.30IST)2022

Weather advisory: Dry weather is forecasted for upcoming 5 Days in the block. The day temperature will be 29-30°C and night temperature will be 16-17°C for upcoming 5 days. Maximum and minimum relative humidity will be 51-71% and 23-30% 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	25/11/2022	26/11/2022	27/11/2022	28/11/2022	29/11/2022
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	29	29	30	30	30
T-Min(°C)	16	17	17	17	17
Cloud Cover(octa)	0	0	0	0	2
RH Max (%)	51	65	71	57	60
RH Min (%)	23	25	28	30	30
Wind Speed (Kmph)	7	6	6	8	9
Wind Direction (deg)	345	304	315	23	18

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. Early sown paddy are at milk dough to maturity stage. Drainout filed before 10-15 days of harvesting. 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, 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. Due to increase in day temperature there may be infestation of saw fly and painted bug in Mustard, to control bug spray Dimethoth 30 EC @ 1ml in liter of water and to control Saw fly spray imidachloprid 0.3 ml/liter of water.

VEGETABLES: As dry weather was prevailed in last 2-3 weeks and also forecasted for upcoming 5 days, farmers should irrigate their vegetable field in morning and evening hrs.

- 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.-351
Date- 25/11/2022

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 29.57°C (-1.13) and 17.85°C (0.55), respectively. The mean relative humidity was 65-71%.

Forecasted period: Today(8.30IST) to 30th November(8.30IST)2022

Weather advisory: Dry weather is forecasted for upcoming 5 days in the block. The day temperature will be 29-30°C and night temperature will be 16-17°C for upcoming 5 days. Maximum and minimum relative humidity will be 50-72% and 23-30% 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	25/11/2022	26/11/2022	27/11/2022	28/11/2022	29/11/2022
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	29	29	30	30	30
T-Min(°C)	16	17	17	17	17
Cloud Cover(octa)	0	0	0	0	2
RH Max (%)	50	64	72	59	61
RH Min (%)	23	24	28	30	30
Wind Speed (Kmph)	7	5	6	8	9
Wind Direction (deg)	345	315	315	15	18

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. Early sown paddy are at milk dough to maturity stage. Drainout filed before 10-15 days of harvesting. 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.

Mustard:

Taking the advantage of available soil moisture, 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. Due to increase in day temperature there may be infestation of saw fly and painted bug in Mustard, to control bug spray Dimethoth 30 EC @ 1ml in liter of water and to control Saw fly spray imidachloprid 0.3 ml /liter of water.

VEGETABLES: As dry weather was prevailed in last 2-3 weeks and also forecasted for upcoming 5 days, farmers should irrigate their vegetable field in morning and evening hrs.

- 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.-351
Date- 25/11/2022

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 29.57°C (-1.13) and 17.85°C (0.55), respectively. The mean relative humidity was 65-71%.

Forecasted period: Today(8.30IST) to 30th November(8.30IST)2022

Weather advisory: Dry weather is forecasted for upcoming 5 days in the block. The day temperature will be 29-30°C and night temperature will be 18-19°C for upcoming 5 days. Maximum and minimum relative humidity will be 56-68% and 29-37% 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	25/11/2022	26/11/2022	27/11/2022	28/11/2022	29/11/2022
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	29	29	29	29	30
T-Min(°C)	18	18	19	19	19
Cloud Cover(octa)	1	0	0	0	2
RH Max (%)	56	68	68	57	63
RH Min (%)	29	33	33	35	37
Wind Speed (Kmph)	11	9	8	11	12
Wind Direction (deg)	345	349	341	45	34

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. Early sown paddy are at milk dough to maturity stage. Drainout filed before 10-15 days of harvesting. 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.

Mustard:

Taking the advantage of available soil moisture, 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. Due to increase in day temperature there may be infestation of saw fly and painted bug in Mustard, to control bug spray Dimethoth 30 EC @ 1ml in liter of water and to control Saw fly spray imidachloprid 0.3 ml /liter of water.

VEGETABLES: As dry weather was prevailed in last 2-3 weeks and also forecasted for upcoming 5 days, farmers should irrigate their vegetable field in morning and evening hrs.

- 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.-351
Date- 25/11/2022

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 29.57°C (-1.13) and 17.85°C (0.55), respectively. The mean relative humidity was 65-71%.

Forecasted period: Today(8.30IST) to 30th November(8.30IST)2022

Weather advisory: Dry weather is forecasted for upcoming 5 days in the block. The day temperature will be 29-30°C and night temperature will be 15-16°C for upcoming 5 days. Maximum and minimum relative humidity will be 52-75% and 23-29% 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	25/11/2022	26/11/2022	27/11/2022	28/11/2022	29/11/2022
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	29	29	29	29	30
T-Min(°C)	15	15	15	16	16
Cloud Cover(octa)	0	0	0	0	2
RH Max (%)	53	52	69	75	64
RH Min (%)	23	24	25	28	29
Wind Speed (Kmph)	7	5	5	5	6
Wind Direction (deg)	336	338	330	11	345

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. Early sown paddy are at milk dough to maturity stage. Drainout filed before 10-15 days of harvesting. **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.

Mustard:

Taking the advantage of available soil moisture, 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. Due to increase in day temperature there may be infestation of saw fly and painted bug in Mustard, to control bug spray Dimethotho 30 EC @ 1ml in liter of water and to control Saw fly spray imidachloprid 0.3 ml /liter of water.**

VEGETABLES: As dry weather was prevailed in last 2-3 weeks and also forecasted for upcoming 5 days, farmers should irrigate their vegetable field in morning and evening hrs.

- 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.-351
 Date- 25/11/2022

				
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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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