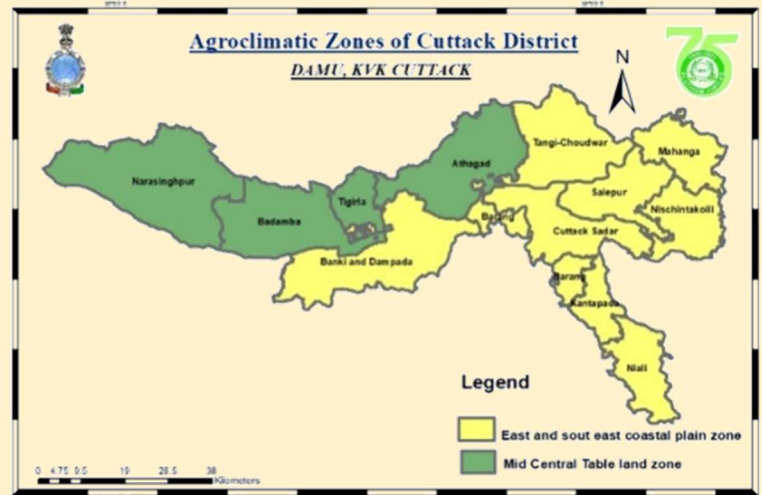




Cuttack District Block Wise Agro-met Advisory Service Bulletin

*Tuesday, 29th October, 2024
 (For the period 29th October to 02nd
 November, 2024)*

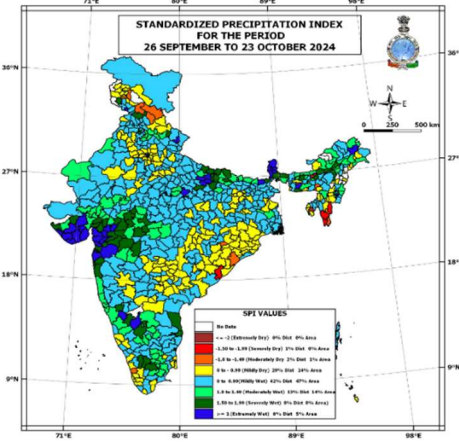
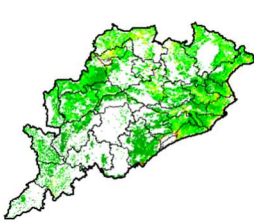


*Issued by
 District Agro-met Unit,
 KrishiVigyan Kendra Cuttack*





STANDARD PRECIPITATION INDEX AND NDVI MAP

Standard Precipitation Index (SPI)	Normalized difference vegetation Index (NDVI)
<p style="text-align: center;">MINISTRY OF EARTH SCIENCES INDIA METEOROLOGICAL DEPARTMENT HYDROMET SECTION, CRIS PUNE</p> <p style="text-align: center;">STANDARDIZED PRECIPITATION INDEX FOR THE PERIOD 26 SEPTEMBER TO 23 OCTOBER 2024</p>  <p style="text-align: center;">SPI VALUES</p> <ul style="list-style-type: none"> No Data < -2.00 (Extremely Dry) 9% Dist. 9% Area -1.50 to -2.00 (Extremely Dry) 2% Dist. 4% Area -1.00 to -1.50 (Extremely Dry) 2% Dist. 4% Area -0.50 to -1.00 (Extremely Dry) 2% Dist. 4% Area 0 to -0.50 (Moderately Dry) 2% Dist. 4% Area 0 to 0.50 (Moderately Wet) 4% Dist. 8% Area 0.50 to 1.00 (Moderately Wet) 3% Dist. 6% Area 1.00 to 1.50 (Extremely Wet) 9% Dist. 9% Area > 1.50 (Extremely Wet) 4% Dist. 8% Area 	<p style="text-align: center;">NOAA/VIIRS/BLENDED NDVI Composite ending on Week no 42 (14.10.2024 to 20.10.2024) over Agricultural region</p> <p style="text-align: center;">Odisha</p>  <ul style="list-style-type: none"> -0.9999 - 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 style="text-align: right;">Bare soil, rocks clouds, rain, snow, etc.</p> <p style="text-align: right;">Moderate</p> <p style="text-align: right;">Good</p> <p style="text-align: right;">Very good</p> <p style="text-align: center;">Agriculture vigour is good at many places of the state.</p>
<p><i>As per SPI value (cumulative 4weeks - 26 September to 23 October 2024), mildly dry condition was there in Cuttack district.</i></p>	<p><i>According to NDVI map (14.10.2024 to 20.10.2024) the agriculture vigor was Good over most of the blocks 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

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



DrRanjan Kumar Mohanta
(Nodal officer)

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(A Unit of ICAR-National Rice Research Institute)

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

Bulletin No.-537
Date- 29/10/2024

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/Dough stage (Early/Medium duration variety)		Bacterial leaf streak
				Gundhi bug
				Mealy bug
				BPH
				Hispa
				Caseworm
			2	Sugarcane
	Top borer			
	Woolly Aphid			
	Scale insect			
	White fly			
	Mealy bug			



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3	Vegetables			Aphid
				Leaf hopper
				White fly
4	Cabbage/Cauliflower	Seedling to vegetative Stage		Damping off
				White fly
				Tobacco caterpillar



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Bulletin No.-537
Date- 29/10/2024

AGROMET ADVISORY BULLETIN FOR ATHAGAD

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

The block received average 06 mm and district received average 09 mm rainfall during the last week. The mean daily maximum and minimum temperature was 29.14°C (-2.91 from normal) and 22.85°C (+1.77 from normal), respectively. The mean relative humidity was 83-88%.

Forecasted period: Today(8.30IST) to 03rd November (8.30IST)2024

Weather advisory: Very light to light rainfall/thundershower is forecasted in between today and Friday and dry weather is forecasted for other 3days in the block. The day temperature will be 32°C and night temperature will be 22-24°C for upcoming 5 days. Maximum and minimum relative humidity will be 90-95% and 47-66% respectively. There will be partly cloudy to overcastsky for next 5days.

Block	Athagad (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	29/10/2024	30/10/2024	31/10/2024	01/11/2024	02/11/2024
Rainfall (mm)	08	00	00	02	00
T-Max (°C)	32	32	32	32	32
T-Min (°C)	24	23	23	24	22
Cloud Cover (octa)	4	3	2	2	1
RH Max (%)	94	95	94	94	90
RH Min (%)	66	62	57	58	47
Wind Speed (kmph)	7	7	7	4	6
Wind Direction (deg)	159	167	203	338	360

Agromet Advisory

General advisory: Farmers should go for harvesting of early matured paddy at 85% maturity of the panicles in sunny days. They should keep 5 cm water in paddy fields to maintain saturation during PI to grain filling stage. Complete nursery sowing for winter vegetable crops. They should cover the nursery beds with polythine in night to protect it from cold temperature. Go for sowing black gram and green gram in upland rice fallow condition.

Kharif Rice

- Early sown paddy is now mostly in panicle initiation to flowering stage. If infestation of **BPH & WBPH** occurs, it is advised to alter the micro-climate of the rice field by alternate wetting and drying technique. If problem still persists, apply 80g Thiamethoxam or 60g Flonicamid per acre in alternate basis..Due to slight increase in temperature there may be infestation of **mealy bug** in upland rice.To control this spray Imidacloprid 17.8 SL 50 ml or Thiamethoxam 40 gram in 200ltr water for one acre.Due to fluctuation in day and night temperature there may be infestation of **hispa /case worm** in rice, to control this spray LambdaCyhalothrin 2.5%EC @ 200 ml/acre or Chlorpyrifos 20EC @ 400 ml/ acre in 200 ltr water.To prevent crop from **Gundhi bug** apply 5 ml neem baesd insecticide (300 ppm) per liter of water or spray 1.5 ml Lambda Cyhalothrin per liter of water.
- Current weather favors **Bacterial leaf streak infestation** in rice, apply Streptomycin sulphate (9%) + Tetracycline hydrochloride (1%) @ 200 g/acre along with Copper oxychloride @ 200g/acre. Use 200 litre solution for one acre area

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.

VEGETABLES:

- **Now the weather and soil moisture is optimum for land preparation and nursery sowing of cauliflower, cabbage, knolkhol and radish.** Go for early planting of cole crops like raddish, cabbage, cauliflower, beans, cluster bean and tomato. Fully decomposed FYM or compost should be added before sowing of vegetable. Before seedbed preparation of winter vegetables proper seed treatment should be required. Seed treatment should be done with Trichoderma viride @ 5 gm/ltr. of water or, Mancozeb 75% W.P. @ 2.5 gm/ltr. of water.
- TransplantCauliflower seedlings in the main field. **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. Short duration Cauliflower varieties (5-6weeks) should be transplanted at distance 60cm×30cm and medium and late duration varieties (3-4 week seedlings) should be transplanted at 60-75cm×40-45cm distance.**
- Undertake planting of **potato crop** on ridge after probable rain; 12 quintal seeds 14 (germinated tubers of 20- 30 g each), 40 kg Urea, 70 kg D.A.P., 80 kg MOP and 10 kg Sulphur are required for cultivation in 1 acre.
- Sow the seeds of **tomato** in nursery bed; farmers who have already raised the seedlings, may transplant them at a distance of 60 cm (row to row) and 40 cm (plant to plant) for HYV and for hybrid variety maintain the distance 60 x 60 cm.
- Monitor for sucking insect pests such as **white fly, leaf hopper and aphid** in vegetables nursery; to control, spray Imidacloprid @ 0.3ml/litre of water. Carry out transplanting of brinjal, tomato and chilli on raised bed.
- To prevent **damping off disease** in cabbage/Cauliflower nursery, treat 1 kg of seeds with 2-3 g Captan 75% WS or 2 g Carbendazim 50% WP before sowing; after sowing, drench the bed soil with 3 g Metalaxyl M 4% + Mancozeb 64% WP mixed in 1 litre of water.If**whitefly** will found in vegetative stage then to control spray Imidacloprid @ 0.3ml/litre of water.The dry weather favors infestation of **Tobacco caterpillar**, to control this apply 1ml/10 liter water.

Animal husbandry: Vaccinate calves above 3 months and sheep and goat above two months against Foot and Mouth disease. Provide dry and clean shelter to the animals.Provide sufficient clean drinking water to the animals.



DrRanjan Kumar Mohanta
(Nodal officer)

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Bulletin No.-537
Date- 29/10/2024

AGROMET ADVISORY BULLETIN FOR BADAMBA

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

The block received average 02 mm and district received average 09 mm rainfall during the last week. The mean daily maximum and minimum temperature was 29.14°C (-2.91 from normal) and 22.85°C (+1.77 from normal), respectively. The mean relative humidity was 83-88%.

Forecasted period: Today(8.30IST) to 03rd November (8.30IST)2024

Weather advisory: Very light to light rainfall/thundershower is forecasted in between today and Friday and dry weather is forecasted for other 3 days in the block. The day temperature will be 31-32°C and night temperature will be 22-23°C for upcoming 5 days. Maximum and minimum relative humidity will be 93-96% and 44-64% respectively. There will be partly cloudy to overcast sky for next 5 days.

Block	Badamba (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	29/10/2024	30/10/2024	31/10/2024	01/11/2024	02/11/2024
Rainfall(mm)	08	00	00	02	00
T-Max(°C)	31	32	32	32	32
T-Min(°C)	23	22	23	23	22
Cloud Cover(octa)	4	3	2	2	1
RH Max (%)	95	96	95	94	93
RH Min (%)	64	61	56	58	44
Wind Speed (Kmph)	6	7	6	4	5
Wind Direction (deg)	180	180	180	338	360

Agromet Advisory

General advisory: Farmers should go for harvesting of early matured paddy at 85% maturity of the panicles in sunny days. They should keep 5 cm water in paddy fields to maintain saturation during PI to grain filling stage. Complete nursery sowing for winter vegetable crops. They should cover the nursery beds with polythine in night to protect it from cold temperature. Go for sowing black gram and green gram in upland rice fallow condition.

Kharif Rice

- Early sown paddy is now mostly in panicle initiation to flowering stage. If infestation of **BPH & WBPH** occurs, it is advised to alter the micro-climate of the rice field by alternate wetting and drying technique. If problem still persists, apply 80g Thiamethoxam or 60g Flonicamid per acre in alternate basis. Due to slight increase in temperature there may be infestation of **mealy bug** in upland rice. To control this spray Imidacloprid 17.8 SL 50 ml or Thiamethoxam 40 gram in 200ltr water for one acre. Due to fluctuation in day and night temperature there may be infestation of **hispa /case worm** in rice, to control this spray Lambda Cyhalothrin 2.5% EC @ 200 ml/acre or Chlorpyrifos 20EC @ 400 ml/ acre in 200 ltr water. 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.
- Current weather favors **Bacterial leaf streak infestation** in rice, apply Streptomycin sulphate (9%) + Tetracycline hydrochloride (1%) @ 200 g/acre along with Copper oxychloride @ 200g/acre. Use 200 litre solution for one acre area

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.

VEGETABLES:

- **Now the weather and soil moisture is optimum for land preparation and nursery sowing of cauliflower, cabbage, knolkhol and radish.** Go for early planting of cole crops like raddish, cabbage, cauliflower, beans, cluster bean and tomato. Fully decomposed FYM or compost should be added before sowing of vegetable. Before seedbed preparation of winter vegetables proper seed treatment should be required. Seed treatment should be done with Trichoderma viride @ 5 gm/lit. of water or, Mancozeb 75% W.P. @ 2.5 gm/lit. of water.
- Transplant Cauliflower seedlings in the main field. **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. Short duration Cauliflower varieties (5-6 weeks) should be transplanted at distance 60cm×30cm and medium and late duration varieties (3-4 week seedlings) should be transplanted at 60-75cm×40-45cm distance.**
- Undertake planting of **potato crop** on ridge after probable rain; 12 quintal seeds 14 (germinated tubers of 20- 30 g each), 40 kg Urea, 70 kg D.A.P., 80 kg MOP and 10 kg Sulphur are required for cultivation in 1 acre.
- Sow the seeds of **tomato** in nursery bed; farmers who have already raised the seedlings, may transplant them at a distance of 60 cm (row to row) and 40 cm (plant to plant) for HYV and for hybrid variety maintain the distance 60 x 60 cm.
- Monitor for sucking insect pests such as **white fly, leaf hopper and aphid** in vegetables nursery; to control, spray Imidacloprid @ 0.3ml/litre of water. Carry out transplanting of brinjal, tomato and chilli on raised bed.
- To prevent **damping off disease** in cabbage/Cauliflower nursery, treat 1 kg of seeds with 2-3 g Captan 75% WS or 2 g Carbendazim 50% WP before sowing; after sowing, drench the bed soil with 3 g Metalaxyl M 4% + Mancozeb 64% WP mixed in 1 litre of water. If **whitefly** will found in vegetative stage then to control spray Imidacloprid @ 0.3ml/litre of water. The dry weather favors infestation of **Tobacco caterpillar**, to control this apply 1ml/10 liter water.

Animal husbandry: Vaccinate calves above 3 months and sheep and goat above two months against Foot and Mouth disease. Provide dry and clean shelter to the animals. Provide sufficient clean drinking water to the animals.



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Bulletin No.-537
 Date- 29/10/2024

AGROMET ADVISORY BULLETIN FOR BANKI

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

The district received average 09 mm rainfall during the last week. The mean daily maximum and minimum temperature was 29.14°C (-2.91 from normal) and 22.85°C (+1.77 from normal), respectively. The mean relative humidity was 83-88%.

Forecasted period: Today(8.30IST) to 03rd November (8.30IST)2024

Weather advisory: Very light to light rainfall/thundershower is forecasted in between today and Friday and dry weather is forecasted for other 3 days in the block. The day temperature will be 32°C and night temperature will be 22-24°C for upcoming 5 days. Maximum and minimum relative humidity will be 92-95% and 46-64% respectively. **There will be partly cloudy to overcast sky for next 5 days.**

Block	Banki (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	29/10/2024	30/10/2024	31/10/2024	01/11/2024	02/11/2024
Rainfall(mm)	07	00	00	03	00
T-Max(°C)	32	32	32	32	32
T-Min(°C)	24	22	23	23	22
Cloud Cover(octa)	4	3	2	2	1
RH Max (%)	94	95	94	94	92
RH Min (%)	64	61	56	58	46
Wind Speed (Kmph)	7	8	7	4	6
Wind Direction (deg)	180	193	198	360	11

Agromet Advisory

General advisory: Farmers should go for harvesting of early matured paddy at 85% maturity of the panicles in sunny days. They should keep 5 cm water in paddy fields to maintain saturation during PI to grain filling stage. Complete nursery sowing for winter vegetable crops. They should cover the nursery beds with polythine in night to protect it from cold temperature. Go for sowing black gram and green gram in upland rice fallow condition.

Kharif Rice

- Early sown paddy is now mostly in panicle initiation to flowering stage. If infestation of **BPH & WBPH** occurs, it is advised to alter the micro-climate of the rice field by alternate wetting and drying technique. If problem still persists, apply 80g Thiamethoxam or 60g Flonicamid per acre in alternate basis. Due to slight increase in temperature there may be infestation of **mealy bug** in upland rice. To control this spray Imidacloprid 17.8 SL 50 ml or Thiamethoxam 40 gram in 200ltr water for one acre. Due to fluctuation in day and night temperature there may be infestation of **hispa /case worm** in rice, to control this spray LambdaCyhalothrin 2.5%EC @ 200 ml/acre or Chlorpyrifos 20EC @ 400 ml/ acre in 200 ltr water. To prevent crop from **Gundhi bug** apply 5 ml neem baesd insecticide (300 ppm) per liter of water or spray 1.5 ml Lambda Cyhalothrin per liter of water.
- Current weather favors **Bacterial leaf streak infestation** in rice, apply Streptomycin sulphate (9%) + Tetracycline hydrochloride (1%) @ 200 g/acre along with Copper oxychloride @ 200g/acre. Use 200 litre solution for one acre area

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.

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Bulletin No.-537
Date- 29/10/2024

AGROMET ADVISORY BULLETIN FOR BANKI-DAMPARA

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

The block received average 07 mm and district received average 09 mm rainfall during the last week. The mean daily maximum and minimum temperature was 29.14°C (-2.91 from normal) and 22.85°C (+1.77 from normal), respectively. The mean relative humidity was 83-88%.

Forecasted period: Today(8.30IST) to 03rd November (8.30IST)2024

Weather Advisory: Very light to light rainfall/thundershower is forecasted in between today and Friday and dry weather is forecasted for other 3 days in the block. The day temperature will be 31-32°C and night temperature will be 22-24°C for upcoming 5 days. Maximum and minimum relative humidity will be 91-95% and 46-65% respectively. **There will be partly cloudy to overcast sky for next 5 days.**

Block	Banki-Dampara (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	29/10/2024	30/10/2024	31/10/2024	01/11/2024	02/11/2024
Rainfall(mm)	07	00	00	03	00
T-Max(°C)	31	32	32	32	32
T-Min(°C)	24	22	23	23	22
Cloud Cover(octa)	4	3	2	2	1
RH Max (%)	94	95	94	94	91
RH Min (%)	65	61	57	58	46
Wind Speed (Kmph)	7	8	7	4	6
Wind Direction (deg)	167	193	198	360	11

Agromet Advisory

General advisory: Farmers should go for harvesting of early matured paddy at 85% maturity of the panicles in sunny days. They should keep 5 cm water in paddy fields to maintain saturation during PI to grain filling stage. Complete nursery sowing for winter vegetable crops. They should cover the nursery beds with polythine in night to protect it from cold temperature. Go for sowing black gram and green gram in upland rice fallow condition.

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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.

VEGETABLES:

- **Now the weather and soil moisture is optimum for land preparation and nursery sowing of cauliflower, cabbage, knolkhol and radish.** Go for early planting of cole crops like raddish, cabbage, cauliflower, beans, cluster bean and tomato. Fully decomposed FYM or compost should be added before sowing of vegetable. Before seedbed preparation of winter vegetables proper seed treatment should be required. Seed treatment should be done with Trichodermaviride @ 5 gm/ltr. of water or, Mancozeb 75% W.P. @ 2.5 gm/ltr. of water.
- TransplantCauliflower seedlings in the main field. **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. Short duration Cauliflower varieties (5-6weeks) should be transplanted at distance 60cm×30cm and medium and late duration varieties (3-4 week seedlings) should be transplanted at 60-75cm×40-45cm distance.**
- Undertake planting of **potato crop** on ridge after probable rain; 12 quintal seeds 14 (germinated tubers of 20- 30 g each), 40 kg Urea, 70 kg D.A.P., 80 kg MOP and 10 kg Sulphur are required for cultivation in 1 acre.
- Sow the seeds of **tomato** in nursery bed; farmers who have already raised the seedlings, may transplant them at a distance of 60 cm (row to row) and 40 cm (plant to plant) for HYV and for hybrid variety maintain the distance 60 x 60 cm.
- Monitor for sucking insect pests such as **white fly, leaf hopper and aphid** in vegetables nursery; to control, spray Imidacloprid @ 0.3ml/litre of water. Carry out transplanting of brinjal, tomato and chilli on raised bed.
- To prevent **damping off disease** in cabbage/Cauliflower nursery, treat 1 kg of seeds with 2-3 g Captan 75% WS or 2 g Carbendazim 50% WP before sowing; after sowing, drench the bed soil with 3 g Metalaxyl M 4% + Mancozeb 64% WP mixed in 1 litre of water.If**whitefly** will found in vegetative stage then to control spray Imidacloprid @ 0.3ml/litre of water.The dry weather favors infestation of **Tobacco caterpillar**, to control this apply 1ml/10 liter water.

Animal husbandry: Vaccinate calves above 3 months and sheep and goat above two months against Foot and Mouth disease. Provide dry and clean shelter to the animals.Provide sufficient clean drinking water to the animals.



DrRanjan Kumar Mohanta
(Nodal officer)

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GRAMIN KRISHI MAUSAM SEWA
INDIA METEOROLOGICAL DEPARTMENT
DISTRICT AGROMET UNIT
KRISHI VIGYAN KENDRA CUTTACK



(A Unit of ICAR-National Rice Research Institute)
 Email: kvkcuttack@gmail.com/damukvkcuttack@gmail.com

Bulletin No.-537
 Date- 29/10/2024

AGROMET ADVISORY BULLETIN FOR BARANGA

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

The block received average 06 mm and district received average 09 mm rainfall during the last week. **The mean daily maximum and minimum temperature was 29.14°C (-2.91 from normal) and 22.85°C (+1.77 from normal), respectively.** The mean relative humidity was 83-88%.

Forecasted period: Today(8.30IST) to 03rd November (8.30IST)2024

Weather advisory: *Very light to light rainfall/thundershower is forecasted in between today and Friday and dry weather is forecasted for other 3days in the block.* The day temperature will be 31-33°C and night temperature will be 23-24°C for upcoming 5 days. Maximum and minimum relative humidity will be 85-94% and 48-65% respectively. **There will be partly cloudy to overcast sky for next 5days.**

Block	Baranga (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	29/10/2024	30/10/2024	31/10/2024	01/11/2024	02/11/2024
Rainfall(mm)	06	00	00	02	00
T-Max(°C)	32	32	31	33	33
T-Min(°C)	24	23	23	24	23
Cloud Cover	4	3	2	2	1
RH Max (%)	93	94	94	93	85
RH Min (%)	65	61	60	59	48
Wind Speed (Kmph)	8	7	8	5	7
Wind Direction (deg)	193	171	212	203	345

Agromet Advisory

General advisory: *Farmers should go for harvesting of early matured paddy at 85% maturity of the panicles in sunny days. They should keep 5 cm water in paddy fields to maintain saturation during PI to grain filling stage. Complete nursery sowing for winter vegetable crops. They should cover the nursery beds with polythine in night to protect it from cold temperature. Go for sowing black gram and green gram in upland rice fallow condition.*

Kharif Rice

- Early sown paddy is now mostly in panicle initiation to flowering stage. If infestation of **BPH & WBPH** occurs, it is advised to alter the micro-climate of the rice field by alternate wetting and drying technique. If problem still persists, apply 80g Thiamethoxam or 60g Flonicamid per acre in alternate basis..Due to slight increase in temperature there may be infestation of **mealy bug** in upland rice.To control this spray Imidacloprid 17.8 SL 50 ml or Thiamethoxam 40 gram in 200ltr water for one acre.Due to fluctuation in day and night temperature there may be infestation of **hispa /case worm** in rice, to control this spray LambdaCyhalothrin 2.5%EC @ 200 ml/acre or Chlorpyrifos 20EC @ 400 ml/ acre in 200 ltr water.To prevent crop from **Gundhi bug** apply 5 ml neem baesd insecticide (300 ppm) per liter of water or spray 1.5 ml Lambda Cyhalothrin per liter of water.
- Current weather favors **Bacterial leaf streak infestation** in rice, apply Streptomycin sulphate (9%) + Tetracycline hydrochloride (1%) @ 200 g/acre along with Copper oxychloride @ 200g/acre. Use 200 litre solution for one acre area

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.

VEGETABLES:

- **Now the weather and soil moisture is optimum for land preparation and nursery sowing of cauliflower, cabbage, knolkhol and radish.** Go for early planting of cole crops like raddish, cabbage, cauliflower, beans, cluster bean and tomato. Fully decomposed FYM or compost should be added before sowing of vegetable. Before seedbed preparation of winter vegetables proper seed treatment should be required. Seed treatment should be done with Trichoderma viride @ 5 gm/lt. of water or, Mancozeb 75% W.P. @ 2.5 gm/lt. of water.
- TransplantCauliflower seedlings in the main field. **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. Short duration Cauliflower varieties (5-6weeks) should be transplanted at distance 60cm×30cm and medium and late duration varieties (3-4 week seedlings) should be transplanted at 60-75cm×40-45cm distance.**
- Undertake planting of **potato crop** on ridge after probable rain; 12 quintal seeds 14 (germinated tubers of 20- 30 g each), 40 kg Urea, 70 kg D.A.P., 80 kg MOP and 10 kg Sulphur are required for cultivation in 1 acre.
- Sow the seeds of **tomato** in nursery bed; farmers who have already raised the seedlings, may transplant them at a distance of 60 cm (row to row) and 40 cm (plant to plant) for HYV and for hybrid variety maintain the distance 60 x 60 cm.
- Monitor for sucking insect pests such as **white fly, leaf hopper and aphid** in vegetables nursery; to control, spray Imidacloprid @ 0.3ml/litre of water. Carry out transplanting of brinjal, tomato and chilli on raised bed.
- To prevent **damping off disease** in cabbage/Cauliflower nursery, treat 1 kg of seeds with 2-3 g Captan 75% WS or 2 g Carbendazim 50% WP before sowing; after sowing, drench the bed soil with 3 g Metalaxyl M 4% + Mancozeb 64% WP mixed in 1 litre of water.If**whitefly** will found in vegetative stage then to control spray Imidacloprid @ 0.3ml/litre of water.The dry weather favors infestation of **Tobacco caterpillar**, to control this apply 1ml/10 liter water.

Animal husbandry: Vaccinate calves above 3 months and sheep and goat above two months against Foot and Mouth disease. Provide dry and clean shelter to the animals.Provide sufficient clean drinking water to the animals.



DrRanjan Kumar Mohanta
 (Nodal officer)

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

Bulletin No.-537

Date- 29/10/2024

AGROMET ADVISORY BULLETIN FOR CUTTACK SADAR

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

The block received average 07 mm and district received average 09 mm rainfall during the last week. **The mean daily maximum and minimum temperature was 29.14°C (-2.91 from normal) and 22.85°C (+1.77 from normal), respectively.** The mean relative humidity was 83-88%.

Forecasted period: Today(8.30IST) to 03rd November (8.30IST)2024

Weather advisory: Very light to light rainfall/thundershower is forecasted in between today and Friday and dry weather is forecasted for other 3days in the block. The day temperature will be 32-33°C and night temperature will be 23-24°C for upcoming 5 days. Maximum and minimum relative humidity will be 84-94% and 47-65% respectively. **There will be partly cloudy to overcast sky for next 5days.**

Block	Cuttack sadar (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	29/10/2024	30/10/2024	31/10/2024	01/11/2024	02/11/2024
Rainfall(mm)	08	00	00	01	00
T-Max(°C)	32	32	32	33	33
T-Min(°C)	24	23	24	24	23
Cloud Cover(octa)	4	3	2	2	1
RH Max (%)	94	94	94	93	84
RH Min (%)	65	62	59	58	47
Wind Speed (Kmph)	7	7	8	4	6
Wind Direction (deg)	180	180	206	338	349

Agromet Advisory

General advisory: Farmers should go for harvesting of early matured paddy at 85% maturity of the panicles in sunny days. They should keep 5 cm water in paddy fields to maintain saturation during PI to grain filling stage. Complete nursery sowing for winter vegetable crops. They should cover the nursery beds with polythine in night to protect it from cold temperature. Go for sowing black gram and green gram in upland rice fallow condition.

Kharif Rice Early sown paddy is now mostly in panicle initiation to flowering stage. If infestation of **BPH & WBPH** occurs, it is advised to alter the micro-climate of the rice field by alternate wetting and drying technique. If problem still persists, apply 80g Thiamethoxam or 60g Flonicamid per acre in alternate basis..Due to slight increase in temperature there may be infestation of **mealy bug** in upland rice.To control this spray Imidacloprid 17.8 SL 50 ml or Thiamethoxam 40 gram in 200ltr water for one acre.Due to fluctuation in day and night temperature there may be infestation of **hispa /case worm** in rice, to control this spray LambdaCyhalothrin 2.5%EC @ 200 ml/acre or Chlorpyrifos 20EC @ 400 ml/ acre in 200 ltr water. To prevent crop from **Gundhi bug** apply 5 ml neem baesd insecticide (300 ppm) per liter of water or spray 1.5 ml Lambda Cyhalothrin per liter of water.

• Current weather favors **Bacterial leaf streak infestation** in rice, apply Streptomycin sulphate (9%) + Tetracycline hydrochloride (1%) @ 200 g/acre along with Copper oxychloride @ 200g/acre. Use 200 litre solution for one acre area

Sugarcane:

Remove the borer affected tillers and late formed tillers, tie the cane shoot with two or three together with partially dried lower leaves. Present weather conditions are favourable for the incidence of **ring spot disease** in Sugarcane. To control go for spraying of copperoxychloride @ 3g/l (or) Carbendazim @ 1g/l (or) Mancozeb @3g/l for three times once in three weeks. To control **top shoot borer** spray Chlorantraniliprole 18.5% SC @ 3 ml/10 litre of water or Fipronil 5% SC @ 2 ml/litre of water For control of Sucking pest in sugarcane like **Wooly 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.

VEGETABLES: Now the weather and soil moisture is optimum for land preparation and nursery sowing of cauliflower, cabbage, knolkhol and radish. Go for early planting of cole crops like raddish, cabbage, cauliflower, beans, cluster bean and tomato. Fully decomposed FYM or compost should be added before sowing of vegetable. Before seedbed preparation of winter vegetables proper seed treatment should be required. Seed treatment should be done with Trichoderma viride @ 5 gm/lt. of water or, Mancozeb 75% W.P. @ 2.5 gm/lt. of water.

Transplant Cauliflower seedlings in the main field. **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. Short duration Cauliflower varieties (5-6weeks) should be transplanted at distance 60cm×30cm and medium and late duration varieties (3-4 week seedlings) should be transplanted at 60-75cm×40-45cm distance.**

Undertake planting of **potato crop** on ridge after probable rain; 12 quintal seeds 14 (germinated tubers of 20- 30 g each), 40 kg Urea, 70 kg D.A.P., 80 kg MOP and 10 kg Sulphur are required for cultivation in 1 acre.

Sow the seeds of **tomato** in nursery bed; farmers who have already raised the seedlings, may transplant them at a distance of 60 cm (row to row) and 40 cm (plant to plant) for HYV and for hybrid variety maintain the distance 60 x 60 cm.

Monitor for sucking insect pests such as **white fly, leaf hopper and aphid** in vegetables nursery; to control, spray Imidacloprid @ 0.3ml/litre of water. Carry out transplanting of brinjal, tomato and chilli on raised bed.

To prevent **damping off disease** in cabbage/Cauliflower nursery, treat 1 kg of seeds with 2-3 g Captan 75% WS or 2 g Carbendazim 50% WP before sowing; after sowing, drench the bed soil with 3 g Metalaxyl M 4% + Mancozeb 64% WP mixed in 1 litre of water.If **whitefly** will found in vegetative stage then to control spray Imidacloprid @ 0.3ml/litre of water.The dry weather favors infestation of **Tobacco caterpillar**, to control this apply 1ml/10 litr water.

Animal husbandry: Vaccinate calves above 3 months and sheep and goat above two months against Foot and Mouth disease. Provide dry and clean shelter to the animals. Provide sufficient clean drinking water to the animals.



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(Nodal officer)

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KRISHI VIGYAN KENDRA CUTTACK



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Bulletin No.-537
Date- 29/10/2024

AGROMET ADVISORY BULLETIN FOR KANTAPADA

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

The block received average 09 mm and district received average 09 mm rainfall during the last week. The mean daily maximum and minimum temperature was 29.14°C (-2.91 from normal) and 22.85°C (+1.77 from normal), respectively. The mean relative humidity was 83-88%.

Forecasted period: Today(8.30IST) to 03rd November (8.30IST)2024

Weather advisory: Very light to light rainfall/thundershower is forecasted in between today and Friday and dry weather is forecasted for other 3days in the block. The day temperature will be 31-33°C and night temperature will be 23-25°C for upcoming 5 days. Maximum and minimum relative humidity will be 85-94% and 48-63% respectively. There will be partly cloudy to overcast sky for next 5days.

Block	Kantapada (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	29/10/2024	30/10/2024	31/10/2024	01/11/2024	02/11/2024
Rainfall(mm)	06	00	00	01	00
T-Max(°C)	32	32	31	33	33
T-Min(°C)	25	24	24	24	23
Cloud Cover(octa)	4	3	3	2	1
RH Max (%)	91	93	94	92	85
RH Min (%)	63	61	62	58	48
Wind Speed (Kmph)	8	7	8	6	7
Wind Direction (deg)	198	180	212	210	15

Agromet Advisory

General advisory: Farmers should go for harvesting of early matured paddy at 85% maturity of the panicles in sunny days. They should keep 5 cm water in paddy fields to maintain saturation during PI to grain filling stage. Complete nursery sowing for winter vegetable crops. They should cover the nursery beds with polythine in night to protect it from cold temperature. Go for sowing black gram and green gram in upland rice fallow condition.

Kharif Rice

Early sown paddy is now mostly in panicle initiation to flowering stage. If infestation of **BPH & WBPH** occurs, it is advised to alter the micro-climate of the rice field by alternate wetting and drying technique. If problem still persists, apply 80g Thiamethoxam or 60g Flonicamid per acre in alternate basis..Due to slight increase in temperature there may be infestation of **mealy bug** in upland rice. To control this spray Imidacloprid 17.8 SL 50 ml or Thiamethoxam 40 gram in 200ltr water for one acre. Due to fluctuation in day and night temperature there may be infestation of **hispa /case worm** in rice, to control this spray LambdaCyhalothrin 2.5%EC @ 200 ml/acre or Chlorpyrifos 20EC @ 400 ml/ acre in 200 ltr water. To prevent crop from **Gundhi bug** apply 5 ml neem baesd insecticide (300 ppm) per liter of water or spray 1.5 ml Lambda Cyhalothrin per liter of water.

- Current weather favors **Bacterial leaf streak infestation** in rice, apply Streptomycin sulphate (9%) + Tetracycline hydrochloride (1%) @ 200 g/acre along with Copper oxychloride @ 200g/acre. Use 200 litre solution for one acre area

Sugarcane:

Remove the borer affected tillers and late formed tillers, tie the cane shoot with two or three together with partially dried lower leaves. Present weather conditions are favourable for the incidence of **ring spot disease** in Sugarcane. To control go for spraying of copperoxychloride @ 3g/l (or) Carbendazim @ 1g/l (or) Mancozeb @3g/l for three times once in three weeks. To control **top shoot borer** spray Chlorantraniliprole 18.5% SC @ 3 ml/10 litre of water or Fipronil 5% SC @ 2 ml/litre of water 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.

VEGETABLES: Now the weather and soil moisture is optimum for land preparation and nursery sowing of cauliflower, cabbage, knolkhol and radish. Go for early planting of cole crops like raddish, cabbage, cauliflower, beans, cluster bean and tomato. Fully decomposed FYM or compost should be added before sowing of vegetable. Before seedbed preparation of winter vegetables proper seed treatment should be required. Seed treatment should be done with Trichoderma viride @ 5 gm/lit. of water or, Mancozeb 75% W.P. @ 2.5 gm/lit. of water.

Transplant Cauliflower seedlings in the main field. **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. Short duration Cauliflower varieties (5-6weeks) should be transplanted at distance 60cm×30cm and medium and late duration varieties (3-4 week seedlings) should be transplanted at 60-75cm×40-45cm distance.**

Undertake planting of **potato crop** on ridge after probable rain; 12 quintal seeds 14 (germinated tubers of 20- 30 g each), 40 kg Urea, 70 kg D.A.P., 80 kg MOP and 10 kg Sulphur are required for cultivation in 1 acre.

Sow the seeds of **tomato** in nursery bed; farmers who have already raised the seedlings, may transplant them at a distance of 60 cm (row to row) and 40 cm (plant to plant) for HYV and for hybrid variety maintain the distance 60 x 60 cm.

Monitor for sucking insect pests such as **white fly, leaf hopper and aphid** in vegetables nursery; to control, spray Imidacloprid @ 0.3ml/litre of water. Carry out transplanting of brinjal, tomato and chilli on raised bed.

To prevent **damping off disease** in cabbage/Cauliflower nursery, treat 1 kg of seeds with 2-3 g Captan 75% WS or 2 g Carbendazim 50% WP before sowing; after sowing, drench the bed soil with 3 g Metalaxyl M 4% + Mancozeb 64% WP mixed in 1 litre of water. If **whitefly** will found in vegetative stage then to control spray Imidacloprid @ 0.3ml/litre of water. The dry weather favors infestation of **Tobacco caterpillar**, to control this apply 1ml/10 litr water.

Animal husbandry: Vaccinate calves above 3 months and sheep and goat above two months against Foot and Mouth disease. Provide dry and clean shelter to the animals. Provide sufficient clean drinking water to the animals.



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Bulletin No.-537
Date- 29/10/2024

AGROMET ADVISORY BULLETIN FOR MAHANGA

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

The block received average 16 mm and district received average 09 mm rainfall during the last week. The mean daily maximum and minimum temperature was 29.14°C (-2.91 from normal) and 22.85°C (+1.77 from normal), respectively. The mean relative humidity was 83-88%.

Forecasted period: Today(8.30IST) to 03rd November (8.30IST)2024

Weather advisory: Very light to light rainfall/thundershower is forecasted in between today and Friday and dry weather is forecasted for other 3days in the block. The day temperature will be and it will be 31-33°C and night temperature will be 23-24°C for upcoming 5 days. Maximum and minimum relative humidity will be 82-93% and 47-64% respectively. **There will be partly cloudy to overcast sky for next 5days.**

Block	Mahanga (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	29/10/2024	30/10/2024	31/10/2024	01/11/2024	02/11/2024
Rainfall(mm)	06	00	00	01	00
T-Max(°C)	32	32	31	33	33
T-Min(°C)	24	23	23	24	23
Cloud Cover(octal)	4	3	2	2	1
RH Max (%)	93	93	93	93	82
RH Min (%)	64	62	60	58	47
Wind Speed (Kmph)	8	8	9	5	7
Wind Direction (deg)	193	199	212	225	345

Agromet Advisory

General advisory: Farmers should go for harvesting of early matured paddy at 85% maturity of the panicles in sunny days. They should keep 5 cm water in paddy fields to maintain saturation during PI to grain filling stage. Complete nursery sowing for winter vegetable crops. They should cover the nursery beds with polythine in night to protect it from cold temperature. Go for sowing black gram and green gram in upland rice fallow condition.

Kharif Rice

Early sown paddy is now mostly in panicle initiation to flowering stage. If infestation of **BPH & WBPH** occurs, it is advised to alter the micro-climate of the rice field by alternate wetting and drying technique. If problem still persists, apply 80g Thiamethoxam or 60g Flonicamid per acre in alternate basis..Due to slight increase in temperature there may be infestation of **mealy bug** in upland rice.To control this spray Imidacloprid 17.8 SL 50 ml or Thiamethoxam 40 gram in 200ltr water for one acre.Due to fluctuation in day and night temperature there may be infestation of **hispa /case worm** in rice, to control this spray LambdaCyhalothrin 2.5%EC @ 200 ml/acre or Chlorpyrifos 20EC @ 400 ml/ acre in 200 ltr water.To prevent crop from **Gundhi bug** apply 5 ml neem baesd insecticide (300 ppm) per liter of water or spray 1.5 ml Lambda Cyhalothrin per liter of water.

- Current weather favors **Bacterial leaf streak infestation** in rice, apply Streptomycin sulphate (9%) + Tetracycline hydrochloride (1%) @ 200 g/acre along with Copper oxychloride @ 200g/acre. Use 200 litre solution for one acre area

Sugarcane:

Remove the borer affected tillers and late formed tillers, tie the cane shoot with two or three together with partially dried lower leaves. Present weather conditions are favourable for the incidence of **ring spot disease** in Sugarcane. To control go for spraying of copperoxychloride @ 3g/l (or) Carbendazim @ 1g/l (or) Mancozeb @3g/l for three times once in three weeks. To control **top shoot borer** spray Chlorantraniliprole 18.5% SC @ 3 ml/10 litre of water or Fipronil 5% SC @ 2 ml/litre of water 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.

VEGETABLES:Now the weather and soil moisture is optimum for land preparation and nursery sowing of cauliflower, cabbage, knolkhol and radish.Go for early planting of cole crops like raddish, cabbage, cauliflower, beans, cluster bean and tomato. Fully decomposed FYM or compost should be added before sowing of vegetable. Before seedbed preparation of winter vegetables proper seed treatment should be required. Seed treatment should be done with Trichoderma viride @ 5 gm/lit. of water or, Mancozeb 75% W.P. @ 2.5 gm/lit. of water.

TransplantCauliflower seedlings in the main field. **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. Short duration Cauliflower varieties (5-6weeks) should be transplanted at distance 60cm×30cm and medium and late duration varieties (3-4 week seedlings) should be transplanted at 60-75cm×40-45cm distance.**

Undertake planting of **potato crop** on ridge after probable rain; 12 quintal seeds 14 (germinated tubers of 20- 30 g each), 40 kg Urea, 70 kg D.A.P., 80 kg MOP and 10 kg Sulphur are required for cultivation in 1 acre.

Sow the seeds of **tomato** in nursery bed; farmers who have already raised the seedlings, may transplant them at a distance of 60 cm (row to row) and 40 cm (plant to plant) for HYV and for hybrid variety maintain the distance 60 x 60 cm.

Monitor for sucking insect pests such as **white fly, leaf hopper and aphid** in vegetables nursery; to control, spray Imidacloprid @ 0.3ml/litre of water. Carry out transplanting of brinjal, tomato and chilli on raised bed.

To prevent **damping off disease** in cabbage/Cauliflower nursery, treat 1 kg of seeds with 2-3 g Captan 75% WS or 2 g Carbendazim 50% WP before sowing; after sowing, drench the bed soil with 3 g Metalaxyl M 4% + Mancozeb 64% WP mixed in 1 litre of water.If**whitefly** will found in vegetative stage then to control spray Imidacloprid @ 0.3ml/litre of water.The dry weather favors infestation of **Tobacco caterpillar**, to control this apply 1ml/10 litr water.

Animal husbandry:Vaccinate calves above 3 months and sheep and goat above two months against Foot and Mouth disease. Provide dry and clean shelter to the animals.Provide sufficient clean drinking water to the animals.



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Bulletin No.-537
Date- 29/10/2024

AGROMET ADVISORY BULLETIN FOR NARASINGHPUR

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

The block received average 04 mm and district received average 09 mm rainfall during the last week. The mean daily maximum and minimum temperature was 29.14°C (-2.91 from normal) and 22.85°C (+1.77 from normal), respectively. The mean relative humidity was 83-88%.

Forecasted period: Today(8.30IST) to 03rd November (8.30IST)2024

Weather advisory: Very light to light rainfall/thundershower is forecasted in between today and Friday and dry weather is forecasted for other 3days in the block. The day temperature will be 31-32°C and night temperature will be 21-22°C for upcoming 5 days. Maximum and minimum relative humidity will be 94-97% and 40-62% respectively. There will be partly cloudy to overcast sky for next 5days.

Block	Narasinghpur (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	29/10/2024	30/10/2024	31/10/2024	01/11/2024	02/11/2024
Rainfall(mm)	08	00	00	02	00
T-Max(°C)	31	31	32	32	32
T-Min(°C)	22	21	22	21	21
Cloud Cover(/octa)	4	3	2	1	1
RH Max (%)	97	97	96	95	94
RH Min (%)	62	60	54	54	40
Wind Speed (Kmph)	5	6	4	4	4
Wind Direction (deg)	162	167	165	23	360

Agromet Advisory

General advisory: Farmers should go for harvesting of early matured paddy at 85% maturity of the panicles in sunny days. They should keep 5 cm water in paddy fields to maintain saturation during PI to grain filling stage. Complete nursery sowing for winter vegetable crops. They should cover the nursery beds with polythine in night to protect it from cold temperature. Go for sowing black gram and green gram in upland rice fallow condition.

Kharif Rice

- Early sown paddy is now mostly in panicle initiation to flowering stage. If infestation of BPH & WBPH occurs, it is advised to alter the micro-climate of the rice field by alternate wetting and drying technique. If problem still persists, apply 80g Thiamethoxam or 60g Flonicamid per acre in alternate basis..Due to slight increase in temperature there may be infestation of mealy bug in upland rice.To control this spray Imidacloprid 17.8 SL 50 ml or Thiamethoxam 40 gram in 200ltr water for one acre.Due to fluctuation in day and night temperature there may be infestation of hispa /case worm in rice, to control this spray LambdaCyhalothrin 2.5%EC @ 200 ml/acre or Chlorpyrifos 20EC @ 400 ml/ acre in 200 ltr water.To prevent crop from Gundhi bug apply 5 ml neem baesd insecticide (300 ppm) per liter of water or spray 1.5 ml Lambda Cyhalothrin per liter of water.
- Current weather favors Bacterial leaf streak infestation in rice, apply Streptomycin sulphate (9%) + Tetracycline hydrochloride (1%) @ 200 g/acre along with Copper oxychloride @ 200g/acre. Use 200 litre solution for one acre area

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.

VEGETABLES:

- Now the weather and soil moisture is optimum for land preparation and nursery sowing of cauliflower, cabbage, knolkhol and radish.Go for early planting of cole crops like raddish, cabbage, cauliflower, beans, cluster bean and tomato. Fully decomposed FYM or compost should be added before sowing of vegetable. Before seedbed preparation of winter vegetables proper seed treatment should be required. Seed treatment should be done with Trichodermaviride @ 5 gm/lt. of water or, Mancozeb 75% W.P. @ 2.5 gm/lt. of water.
- TransplantCauliflower seedlings in the main field. 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. Short duration Cauliflower varieties (5-6weeks) should be transplanted at distance 60cm×30cm and medium and late duration varieties (3-4 week seedlings) should be transplanted at 60-75cm×40-45cm distance.
- Undertake planting of potato crop on ridge after probable rain; 12 quintal seeds 14 (germinated tubers of 20- 30 g each), 40 kg Urea, 70 kg D.A.P., 80 kg MOP and 10 kg Sulphur are required for cultivation in 1 acre.
- Sow the seeds of tomato in nursery bed; farmers who have already raised the seedlings, may transplant them at a distance of 60 cm (row to row) and 40 cm (plant to plant) for HYV and for hybrid variety maintain the distance 60 x 60 cm.
- Monitor for sucking insect pests such as white fly, leaf hopper and aphid in vegetables nursery; to control, spray Imidacloprid @ 0.3ml/litre of water. Carry out transplanting of brinjal, tomato and chilli on raised bed.
- To prevent damping off disease in cabbage/Cauliflower nursery, treat 1 kg of seeds with 2-3 g Captan 75% WS or 2 g Carbendazim 50% WP before sowing; after sowing, drench the bed soil with 3 g Metalaxyl M 4% + Mancozeb 64% WP mixed in 1 litre of water.Ifwhitefly will found in vegetative stage then to control spray Imidacloprid @ 0.3ml/litre of water.The dry weather favors infestation of Tobacco caterpillar, to control this apply 1ml/10 liter water.

Animal husbandry: Vaccinate calves above 3 months and sheep and goat above two months against Foot and Mouth disease. Provide dry and clean shelter to the animals.Provide sufficient clean drinking water to the animals.



DrRanjan Kumar Mohanta
(Nodal officer)

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GRAMIN KRISHI MAUSAM SEWA
INDIA METEOROLOGICAL DEPARTMENT
DISTRICT AGROMET UNIT
KRISHI VIGYAN KENDRA CUTTACK



(A Unit of ICAR-National Rice Research Institute)
 Email: kvkcuttack@gmail.com/damukvkcuttack@gmail.com

Bulletin No.-537
 Date- 29/10/2024

AGROMET ADVISORY BULLETIN FOR NIALI

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

The block received average 05 mm and district received average 09 mm rainfall during the last week. **The mean daily maximum and minimum temperature was 29.14°C (-2.91 from normal) and 22.85°C (+1.77 from normal), respectively.** The mean relative humidity was 83-88%.

Forecasted period: Today(8.30IST) to 03rd November (8.30IST)2024

Weather advisory: Very light to light rainfall/thundershower is forecasted in between today and Friday and dry weather is forecasted for other 3days in the block. The day temperature will be 31-33°C and night temperature will be 23-25°C for upcoming 5 days. Maximum and minimum relative humidity will be 85-92% and 49-63% respectively. **There will be partly cloudy to overcast sky for next 5days.**

Block	Niali (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	29/10/2024	30/10/2024	31/10/2024	01/11/2024	02/11/2024
Rainfall(mm)	09	00	00	03	00
T-Max(°C)	32	32	31	32	33
T-Min(°C)	25	24	24	24	23
Cloud Cover(octa)	4	3	3	2	1
RH Max (%)	87	91	92	91	85
RH Min (%)	63	61	62	59	49
Wind Speed(Kmph)	8	7	8	7	8
Wind Direction(deg)	198	180	212	203	75

Agromet Advisory

General advisory: Farmers should go for harvesting of early matured paddy at 85% maturity of the panicles in sunny days. They should keep 5 cm water in paddy fields to maintain saturation during PI to grain filling stage. Complete nursery sowing for winter vegetable crops. They should cover the nursery beds with polythine in night to protect it from cold temperature. Go for sowing black gram and green gram in upland rice fallow condition.

Kharif Rice Early sown paddy is now mostly in panicle initiation to flowering stage. If infestation of **BPH & WBPH** occurs, it is advised to alter the micro-climate of the rice field by alternate wetting and drying technique. If problem still persists, apply 80g Thiamethoxam or 60g Flonicamid per acre in alternate basis..Due to slight increase in temperature there may be infestation of **mealy bug** in upland rice.To control this spray Imidacloprid 17.8 SL 50 ml or Thiamethoxam 40 gram in 200litre water for one acre.Due to fluctuation in day and night temperature there may be infestation of **hispa /case worm** in rice, to control this spray LambdaCyhalothrin 2.5%EC @ 200 ml/acre or Chlorpyrifos 20EC @ 400 ml/ acre in 200 ltr water.To prevent crop from **Gundhi bug** apply 5 ml neem baesd insecticide (300 ppm) per liter of water or spray 1.5 ml Lambda Cyhalothrin per liter of water.

• Current weather favors **Bacterial leaf streak infestation** in rice, apply Streptomycin sulphate (9%) + Tetracycline hydrochloride (1%) @ 200 g/acre along with Copper oxychloride @ 200g/acre. Use 200 litre solution for one acre area

Sugarcane:

Remove the borer affected tillers and late formed tillers, tie the cane shoot with two or three together with partially dried lower leaves. Present weather conditions are favourable for the incidence of **ring spot disease** in Sugarcane. To control go for spraying of copperoxychloride @ 3g/l (or) Carbendazim @ 1g/l (or) Mancozeb @3g/l for three times once in three weeks. To control **top shoot borer** spray Chlorantraniliprole 18.5% SC @ 3 ml/10 litre of water or Fipronil 5% SC @ 2 ml/litre of water 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.

VEGETABLES:Now the weather and soil moisture is optimum for land preparation and nursery sowing of cauliflower, cabbage, knolkhol and radish.Go for early planting of cole crops like raddish, cabbage, cauliflower, beans, cluster bean and tomato. Fully decomposed FYM or compost should be added before sowing of vegetable. Before seedbed preparation of winter vegetables proper seed treatment should be required. Seed treatment should be done with Trichoderma viride @ 5 gm/lt. of water or, Mancozeb 75% W.P. @ 2.5 gm/lt. of water.

TransplantCauliflower seedlings in the main field. **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. Short duration Cauliflower varieties (5-6weeks) should be transplanted at distance 60cm×30cm and medium and late duration varieties (3-4 week seedlings) should be transplanted at 60-75cm×40-45cm distance.**

Undertake planting of **potato crop** on ridge after probable rain; 12 quintal seeds 14 (germinated tubers of 20- 30 g each), 40 kg Urea, 70 kg D.A.P., 80 kg MOP and 10 kg Sulphur are required for cultivation in 1 acre.

Sow the seeds of **tomato** in nursery bed; farmers who have already raised the seedlings, may transplant them at a distance of 60 cm (row to row) and 40 cm (plant to plant) for HYV and for hybrid variety maintain the distance 60 x 60 cm.

Monitor for sucking insect pests such as **white fly, leaf hopper and aphid** in vegetables nursery; to control, spray Imidacloprid @ 0.3ml/litre of water. Carry out transplanting of brinjal, tomato and chilli on raised bed.

To prevent **damping off disease** in cabbage/Cauliflower nursery, treat 1 kg of seeds with 2-3 g Captan 75% WS or 2 g Carbendazim 50% WP before sowing; after sowing, drench the bed soil with 3 g Metalaxyl M 4% + Mancozeb 64% WP mixed in 1 litre of water.If**whitefly** will found in vegetative stage then to control spray Imidacloprid @ 0.3ml/litre of water.The dry weather favors infestation of **Tobacco caterpillar**, to control this apply 1ml/10 litr water.

Animal husbandry:Vaccinate calves above 3 months and sheep and goat above two months against Foot and Mouth disease. Provide dry and clean shelter to the animals.Provide sufficient clean drinking water to the animals.



DrRanjan Kumar Mohanta
 (Nodal officer)

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Bulletin No.-537
Date- 29/10/2024

AGROMET ADVISORY BULLETIN FOR NISCHINTAKOILI

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

The block received average 27 mm and district received average 09 mm rainfall during the last week. The mean daily maximum and minimum temperature was 29.14°C (-2.91 from normal) and 22.85°C (+1.77 from normal), respectively. The mean relative humidity was 83-88%.

Forecasted period: Today(8.30IST) to 03rd November (8.30IST)2024

Weather advisory: Very light to light rainfall/thundershower is forecasted in between today and Friday and dry weather is forecasted for other 3 days in the block. The day temperature will be 31-33°C and night temperature will be 23-25°C for upcoming 5 days. Maximum and minimum relative humidity will be 83-94% and 47-63% respectively. There will be partly cloudy to overcast sky for next 5 days.

Block	Nischintakoili (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	29/10/2024	30/10/2024	31/10/2024	01/11/2024	02/11/2024
Rainfall(mm)	07	00	00	03	00
T-Max(°C)	32	32	31	33	33
T-Min(°C)	25	23	23	24	23
Cloud Cover(octa)	4	3	2	2	1
RH Max (%)	93	93	94	93	83
RH Min (%)	63	62	61	58	47
Wind Speed (Kmph)	8	8	9	5	7
Wind Direction (deg)	191	191	212	180	345

Agromet Advisory

General advisory: Farmers should go for harvesting of early matured paddy at 85% maturity of the panicles in sunny days. They should keep 5 cm water in paddy fields to maintain saturation during PI to grain filling stage. Complete nursery sowing for winter vegetable crops. They should cover the nursery beds with polythine in night to protect it from cold temperature. Go for sowing black gram and green gram in upland rice fallow condition.

Kharif Rice: Early sown paddy is now mostly in panicle initiation to flowering stage. If infestation of BPH & WBPH occurs, it is advised to alter the micro-climate of the rice field by alternate wetting and drying technique. If problem still persists, apply 80g Thiamethoxam or 60g Flonicamid per acre in alternate basis. Due to slight increase in temperature there may be infestation of mealy bug in upland rice. To control this spray Imidacloprid 17.8 SL 50 ml or Thiamethoxam 40 gram in 200litre water for one acre. Due to fluctuation in day and night temperature there may be infestation of hispa /case worm in rice, to control this spray LambdaCyhalothrin 2.5%EC @ 200 ml/acre or Chlorpyrifos 20EC @ 400 ml/ acre in 200 ltr water. To prevent crop from Gundhi bug apply 5 ml neem baesd insecticide (300 ppm) per liter of water or spray 1.5 ml Lambda Cyhalothrin per liter of water.

Current weather favors Bacterial leaf streak infestation in rice, apply Streptomycin sulphate (9%) + Tetracycline hydrochloride (1%) @ 200 g/acre along with Copper oxychloride @ 200g/acre. Use 200 litre solution for one acre area

Sugarcane:

Remove the borer affected tillers and late formed tillers, tie the cane shoot with two or three together with partially dried lower leaves. Present weather conditions are favourable for the incidence of ring spot disease in Sugarcane. To control go for spraying of copperoxychloride @ 3g/l (or) Carbendazim @ 1g/l (or) Mancozeb @3g/l for three times once in three weeks. To control top shoot borer spray Chlorantraniliprole 18.5% SC @ 3 ml/10 litre of water or Fipronil 5% SC @ 2 ml/litre of water 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.

VEGETABLES: Now the weather and soil moisture is optimum for land preparation and nursery sowing of cauliflower, cabbage, knolkhol and radish. Go for early planting of cole crops like raddish, cabbage, cauliflower, beans, cluster bean and tomato. Fully decomposed FYM or compost should be added before sowing of vegetable. Before seedbed preparation of winter vegetables proper seed treatment should be required. Seed treatment should be done with Trichoderma viride @ 5 gm/lt. of water or, Mancozeb 75% W.P. @ 2.5 gm/lt. of water.

Transplant Cauliflower seedlings in the main field. 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. Short duration Cauliflower varieties (5-6weeks) should be transplanted at distance 60cm×30cm and medium and late duration varieties (3-4 week seedlings) should be transplanted at 60-75cm×40-45cm distance.

Undertake planting of potato crop on ridge after probable rain; 12 quintal seeds 14 (germinated tubers of 20- 30 g each), 40 kg Urea, 70 kg D.A.P., 80 kg MOP and 10 kg Sulphur are required for cultivation in 1 acre.

Sow the seeds of tomato in nursery bed; farmers who have already raised the seedlings, may transplant them at a distance of 60 cm (row to row) and 40 cm (plant to plant) for HYV and for hybrid variety maintain the distance 60 x 60 cm.

Monitor for sucking insect pests such as white fly, leaf hopper and aphid in vegetables nursery; to control, spray Imidacloprid @ 0.3ml/litre of water. Carry out transplanting of brinjal, tomato and chilli on raised bed.

To prevent damping off disease in cabbage/Cauliflower nursery, treat 1 kg of seeds with 2-3 g Captan 75% WS or 2 g Carbendazim 50% WP before sowing; after sowing, drench the bed soil with 3 g Metalaxyl M 4% + Mancozeb 64% WP mixed in 1 litre of water. If whitefly will found in vegetative stage then to control spray Imidacloprid @ 0.3ml/litre of water. The dry weather favors infestation of Tobacco caterpillar, to control this apply 1ml/10 litr water.

Animal husbandry: Vaccinate calves above 3 months and sheep and goat above two months against Foot and Mouth disease. Provide dry and clean shelter to the animals. Provide sufficient clean drinking water to the animals.



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Bulletin No.-537
 Date- 29/10/2024

AGROMET ADVISORY BULLETIN FOR SALEPUR

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

The block received average 16 mm and district received average 09 mm rainfall during the last week. The mean daily maximum and minimum temperature was 29.14°C (-2.91 from normal) and 22.85°C (+1.77 from normal), respectively. The mean relative humidity was 83-88%.

Forecasted period: Today(8.30IST) to 03rd November (8.30IST)2024

Weather advisory: *Very light to light rainfall/thundershower is forecasted in between today and Friday and dry weather is forecasted for other 3days in the block.* The day temperature will be 32-33°C and night temperature will be 23-25°C for upcoming 5 days. Maximum and minimum relative humidity will be 82-94% and 47-63% respectively. **There will be partly cloudy to overcast sky for next 5days.**

Block	Salepur (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	29/10/2024	30/10/2024	31/10/2024	01/11/2024	02/11/2024
Rainfall(mm)	07	00	00	03	00
T-Max(°C)	32	32	32	33	33
T-Min(°C)	25	23	23	24	23
Cloud Cover(octa)	4	3	2	2	1
RH Max (%)	93	93	94	93	82
RH Min (%)	63	62	61	59	47
Wind Speed (Kmph)	8	8	9	5	7
Wind Direction (deg)	193	191	212	214	345

Agromet Advisory

General advisory: *Farmers should go for harvesting of early matured paddy at 85% maturity of the panicles in sunny days. They should keep 5 cm water in paddy fields to maintain saturation during PI to grain filling stage. Complete nursery sowing for winter vegetable crops. They should cover the nursery beds with polythine in night to protect it from cold temperature. Go for sowing black gram and green gram in upland rice fallow condition.*

Kharif Rice

Early sown paddy is now mostly in panicle initiation to flowering stage. If infestation of **BPH & WBPH** occurs, it is advised to alter the micro-climate of the rice field by alternate wetting and drying technique. If problem still persists, apply 80g Thiamethoxam or 60g Flonicamid per acre in alternate basis..Due to slight increase in temperature there may be infestation of **mealy bug** in upland rice.To control this spray Imidacloprid 17.8 SL 50 ml or Thiamethoxam 40 gram in 200ltr water for one acre.Due to fluctuation in day and night temperature there may be infestation of **hispa /case worm** in rice, to control this spray LambdaCyhalothrin 2.5%EC @ 200 ml/acre or Chlorpyrifos 20EC @ 400 ml/ acre in 200 ltr water.To prevent crop from **Gundhi bug** apply 5 ml neem baesd insecticide (300 ppm) per liter of water or spray 1.5 ml Lambda Cyhalothrin per liter of water.

• Current weather favors **Bacterial leaf streak infestation** in rice, apply Streptomycin sulphate (9%) + Tetracycline hydrochloride (1%) @ 200 g/acre along with Copper oxychloride @ 200g/acre. Use 200 litre solution for one acre area

Sugarcane:

Remove the borer affected tillers and late formed tillers, tie the cane shoot with two or three together with partially dried lower leaves. Present weather conditions are favourable for the incidence of **ring spot disease** in Sugarcane. To control go for spraying of copperoxychloride @ 3g/l (or) Carbendazim @ 1g/l (or) Mancozeb @3g/l for three times once in three weeks. To control **top shoot borer** spray Chlorantraniliprole 18.5% SC @ 3 ml/10 litre of water or Fipronil 5% SC @ 2 ml/litre of water 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.

VEGETABLES: Now the weather and soil moisture is optimum for land preparation and nursery sowing of cauliflower, cabbage, knolkhol and radish. Go for early planting of cole crops like raddish, cabbage, cauliflower, beans, cluster bean and tomato. Fully decomposed FYM or compost should be added before sowing of vegetable. Before seedbed preparation of winter vegetables proper seed treatment should be required. Seed treatment should be done with Trichoderma viride @ 5 gm/lit. of water or, Mancozeb 75% W.P. @ 2.5 gm/lit. of water.

TransplantCauliflower seedlings in the main field. **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. Short duration Cauliflower varieties (5-6weeks) should be transplanted at distance 60cm×30cm and medium and late duration varieties (3-4 week seedlings) should be transplanted at 60-75cm×40-45cm distance.**

Undertake planting of **potato crop** on ridge after probable rain; 12 quintal seeds 14 (germinated tubers of 20- 30 g each), 40 kg Urea, 70 kg D.A.P., 80 kg MOP and 10 kg Sulphur are required for cultivation in 1 acre.

Sow the seeds of **tomato** in nursery bed; farmers who have already raised the seedlings, may transplant them at a distance of 60 cm (row to row) and 40 cm (plant to plant) for HYV and for hybrid variety maintain the distance 60 x 60 cm.

Monitor for sucking insect pests such as **white fly, leaf hopper and aphid** in vegetables nursery; to control, spray Imidacloprid @ 0.3ml/litre of water. Carry out transplanting of brinjal, tomato and chilli on raised bed.

To prevent **damping off disease** in cabbage/Cauliflower nursery, treat 1 kg of seeds with 2-3 g Captan 75% WS or 2 g Carbendazim 50% WP before sowing; after sowing, drench the bed soil with 3 g Metalaxyl M 4% + Mancozeb 64% WP mixed in 1 litre of water.If**whitefly** will found in vegetative stage then to control spray Imidacloprid @ 0.3ml/litre of water.The dry weather favors infestation of **Tobacco caterpillar**, to control this apply 1ml/10 litr water.

Animal husbandry: Vaccinate calves above 3 months and sheep and goat above two months against Foot and Mouth disease. Provide dry and clean shelter to the animals.Provide sufficient clean drinking water to the animals.



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Bulletin No.-537
Date- 29/10/2024

AGROMET ADVISORY BULLETIN FOR TANGI-CHOUDWAR

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

The block received average 15 mm and district received average 09 mm rainfall during the last week. The mean daily maximum and minimum temperature was 29.14°C (-2.91 from normal) and 22.85°C (+1.77 from normal), respectively. The mean relative humidity was 83-88%.

Forecasted period: Today(8.30IST) to 03rd November (8.30IST)2024

Weatheradvisory: *Very light to light rainfall/thundershower is forecasted in between today and Friday and dry weather is forecasted for other 3days in the block.* The day temperature will be 31-33°C and night temperature will be 24-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 84-89% and 54-67% respectively. **There will be partly cloudy to overcast sky for next 5days.**

Block	Tangi-Choudwar (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	29/10/2024	30/10/2024	31/10/2024	01/11/2024	02/11/2024
Rainfall(mm)	06	00	00	02	00
T-Max(°C)	31	32	31	32	33
T-Min(°C)	26	25	25	26	24
Cloud Cover(octa)	4	3	2	1	1
RH Max (%)	84	88	87	89	86
RH Min (%)	67	66	63	61	54
Wind Speed (Kmph)	9	9	10	9	10
Wind Direction (deg)	203	203	225	180	64

Agromet Advisory

General advisory: *Farmers should go for harvesting of early matured paddy at 85% maturity of the panicles in sunny days. They should keep 5 cm water in paddy fields to maintain saturation during PI to grain filling stage. Complete nursery sowing for winter vegetable crops. They should cover the nursery beds with polythine in night to protect it from cold temperature. Go for sowing black gram and green gram in upland rice fallow condition.*

Kharif Rice

- Early sown paddy is now mostly in panicle initiation to flowering stage. If infestation of **BPH & WBPH** occurs, it is advised to alter the micro-climate of the rice field by alternate wetting and drying technique. If problem still persists, apply 80g Thiamethoxam or 60g Flonicamid per acre in alternate basis..Due to slight increase in temperature there may be infestation of **mealy bug** in upland rice.To control this spray Imidacloprid 17.8 SL 50 ml or Thiamethoxam 40 gram in 200ltr water for one acre.Due to fluctuation in day and night temperature there may be infestation of **hispa /case worm** in rice, to control this spray LambdaCyhalothrin 2.5%EC @ 200 ml/acre or Chlorpyrifos 20EC @ 400 ml/ acre in 200 ltr water.To prevent crop from **Gundhi bug** apply 5 ml neem baesd insecticide (300 ppm) per liter of water or spray 1.5 ml Lambda Cyhalothrin per liter of water.
- Current weather favors **Bacterial leaf streak infestation** in rice, apply Streptomycin sulphate (9%) + Tetracycline hydrochloride (1%) @ 200 g/acre along with Copper oxychloride @ 200g/acre. Use 200 litre solution for one acre area

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.

VEGETABLES:

- **Now the weather and soil moisture is optimum for land preparation and nursery sowing of cauliflower, cabbage, knolkhol and radish.** Go for early planting of cole crops like raddish, cabbage, cauliflower, beans, cluster bean and tomato. Fully decomposed FYM or compost should be added before sowing of vegetable. Before seedbed preparation of winter vegetables proper seed treatment should be required. Seed treatment should be done with Trichoderma viride @ 5 gm/lt. of water or, Mancozeb 75% W.P. @ 2.5 gm/lt. of water.
- TransplantCauliflower seedlings in the main field. **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. Short duration Cauliflower varieties (5-6weeks) should be transplanted at distance 60cm×30cm and medium and late duration varieties (3-4 week seedlings) should be transplanted at 60-75cm×40-45cm distance.**
- Undertake planting of **potato crop** on ridge after probable rain; 12 quintal seeds 14 (germinated tubers of 20- 30 g each), 40 kg Urea, 70 kg D.A.P., 80 kg MOP and 10 kg Sulphur are required for cultivation in 1 acre.
- Sow the seeds of **tomato** in nursery bed; farmers who have already raised the seedlings, may transplant them at a distance of 60 cm (row to row) and 40 cm (plant to plant) for HYV and for hybrid variety maintain the distance 60 x 60 cm.
- Monitor for sucking insect pests such as **white fly, leaf hopper and aphid** in vegetables nursery; to control, spray Imidacloprid @ 0.3ml/litre of water. Carry out transplanting of brinjal, tomato and chilli on raised bed.
- To prevent **damping off disease** in cabbage/Cauliflower nursery, treat 1 kg of seeds with 2-3 g Captan 75% WS or 2 g Carbendazim 50% WP before sowing; after sowing, drench the bed soil with 3 g Metalaxyl M 4% + Mancozeb 64% WP mixed in 1 litre of water.If**whitefly** will found in vegetative stage then to control spray Imidacloprid @ 0.3ml/litre of water.The dry weather favors infestation of **Tobacco caterpillar**, to control this apply 1ml/10 liter water.

Animal husbandry: Vaccinate calves above 3 months and sheep and goat above two months against Foot and Mouth disease. Provide dry and clean shelter to the animals.Provide sufficient clean drinking water to the animals.



DrRanjan Kumar Mohanta
(Nodal officer)

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GRAMIN KRISHI MAUSAM SEWA
INDIA METEOROLOGICAL DEPARTMENT
DISTRICT AGROMET UNIT
KRISHI VIGYAN KENDRA CUTTACK



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Bulletin No.-537
 Date- 29/10/2024

AGROMET ADVISORY BULLETIN FOR TIGIRIA

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

The block received average 06 mm and district received average 09 mm rainfall during the last week. The mean daily maximum and minimum temperature was 29.14°C (-2.91 from normal) and 22.85°C (+1.77 from normal), respectively. The mean relative humidity was 83-88%.

Forecasted period: Today(8.30IST) to 03rd November (8.30IST)2024

Weather advisory: Very light to light rainfall/thundershower is forecasted in between today and Friday and dry weather is forecasted for other 3 days in the block. The day temperature will be 31-32°C and night temperature will be 22-24°C for upcoming 5 days. Maximum and minimum relative humidity will be 92-95% and 46-66% respectively. There will be partly cloudy to overcast sky for next 5 days.

Block	Tigiria (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	29/10/2024	30/10/2024	31/10/2024	01/11/2024	02/11/2024
Rainfall(mm)	06	00	00	02	00
T-Max(°C)	31	32	32	32	32
T-Min(°C)	24	22	23	23	22
Cloud Cover(octa)	4	3	2	2	1
RH Max (%)	95	95	95	95	92
RH Min (%)	66	62	56	59	46
Wind Speed (Kmph)	7	8	6	4	5
Wind Direction (deg)	159	167	180	338	11

Agro met Advisory

General advisory: Farmers should go for harvesting of early matured paddy at 85% maturity of the panicles in sunny days. They should keep 5 cm water in paddy fields to maintain saturation during PI to grain filling stage. Complete nursery sowing for winter vegetable crops. They should cover the nursery beds with polythine in night to protect it from cold temperature. Go for sowing black gram and green gram in upland rice fallow condition.

Kharif Rice

- Early sown paddy is now mostly in panicle initiation to flowering stage. If infestation of **BPH & WBPH** occurs, it is advised to alter the micro-climate of the rice field by alternate wetting and drying technique. If problem still persists, apply 80g Thiamethoxam or 60g Flonicamid per acre in alternate basis..Due to slight increase in temperature there may be infestation of **mealy bug** in upland rice.To control this spray Imidacloprid 17.8 SL 50 ml or Thiamethoxam 40 gram in 200ltr water for one acre.Due to fluctuation in day and night temperature there may be infestation of **hispa /case worm** in rice, to control this spray LambdaCyhalothrin 2.5%EC @ 200 ml/acre or Chlorpyrifos 20EC @ 400 ml/ acre in 200 ltr water.To prevent crop from **Gundhi bug** apply 5 ml neem baesd insecticide (300 ppm) per liter of water or spray 1.5 ml Lambda Cyhalothrin per liter of water.
- Current weather favors **Bacterial leaf streak infestation** in rice, apply Streptomycin sulphate (9%) + Tetracycline hydrochloride (1%) @ 200 g/acre along with Copper oxychloride @ 200g/acre. Use 200 litre solution for one acre area

PULSES:

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MEGHDOOT APP	DAMINI APP	FACEBOOK (Damu Cuttack)	BLOCK SPECIFIC WHAT'S APP GROUPS	@DAMUCUTTACK

- Kindly install and use **“Meghdoot mobile App”** for Cuttack district weather forecast, warnings and weather based agromet advisory services.
<https://play.google.com/store/apps/details?id=com.aas.meghdoot>
- Kindly install and use **“Damini mobile App”** for location specific for lightening forecast and warnings.
<https://play.google.com/store/apps/details?id=com.lightening.live.damini>
- Follow the **block specific whats app groups** and join in your block wise groups for getting weather based agromet advisory services twice in a week (Tuesday and Friday) and other weather warning based farm management advisories.
- Follow the **Official Website links** to get the weather based agromet advisory service bulletins (**English & Odia**) twice in a week (Tuesday and Friday).

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



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