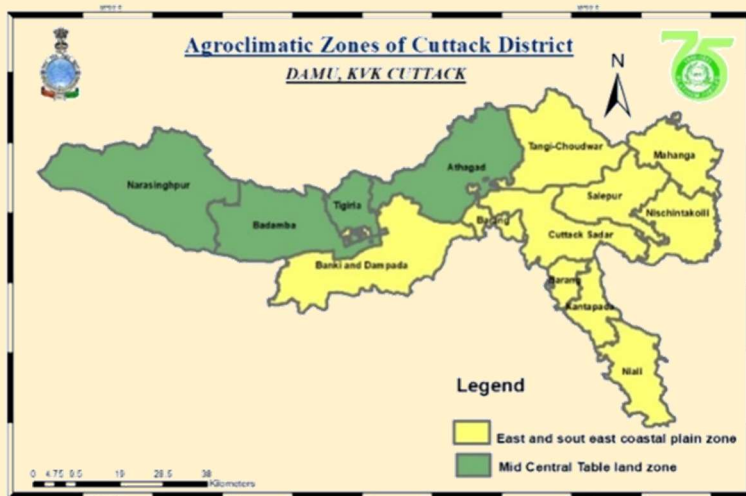




Cuttack District Block Wise Agro-met Advisory Service Bulletin

*Tuesday, 01st November, 2022
(For the period 01st to 05th
November, 2022)*



*Issued by
District Agromet Unit,
KrishiVigyan Kendra Cuttack*



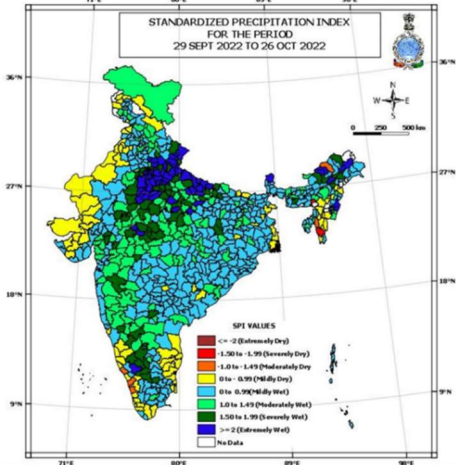
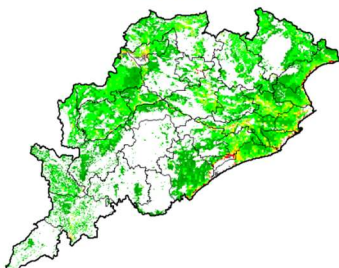


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Bulletin No.-344
Date- 01/11/2022

STANDARD PRECIPITATION INDEX AND NDVI MAP

Standard Precipitation Index (SPI)	Normalized difference vegetation Index (NDVI)
<p align="center">Standardised Precipitation Index for the period 29th September 2022 to 26th October 2022</p> <p align="center">MINISTRY OF EARTH SCIENCES INDIA METEOROLOGICAL DEPARTMENT HYDROMET SECTION, CRS PUNE</p>  <p align="center">STANDARDIZED PRECIPITATION INDEX FOR THE PERIOD 29 SEPT 2022 TO 26 OCT 2022</p> <p align="center">SPI VALUES</p> <ul style="list-style-type: none"> < -2 (Extremely Dry) -1.50 to -1.99 (Severely Dry) -1.0 to -1.49 (Moderately Dry) 0 to 0.99 (Mid Dry) 1 to 1.99 (Mid Wet) 2.0 to 2.99 (Moderately Wet) 3.0 to 3.99 (Severely Wet) >= 4 (Extremely Wet) No Data 	<p align="center">NOAA/VIIRS/BLENDED NDVI Composite ending on Week no 43 (22.10.2022 to 28.10.2022) over Agricultural region</p> <p align="center">Odisha</p>  <p align="center">Agriculture vigour is good over many places of the state and moderate over rest of the state.</p>
<p>As per SPI value (cumulative 4weeks - 29September2022 – 26October2022), mildly wet condition was there in Cuttack district.</p>	<p>According to NDVI map (22.10.2022 to 28.10.2022) the agriculture vigor was moderate to good over most places of Cuttack</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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APP for Lightening alert in your area**



Debasish Jena
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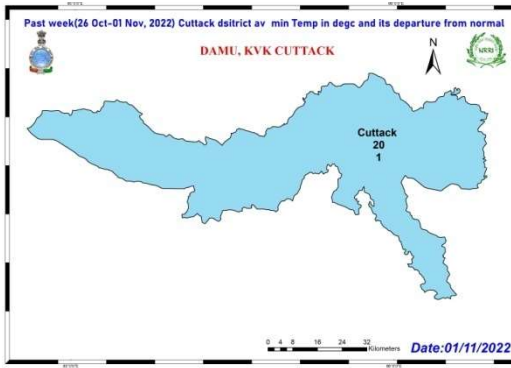
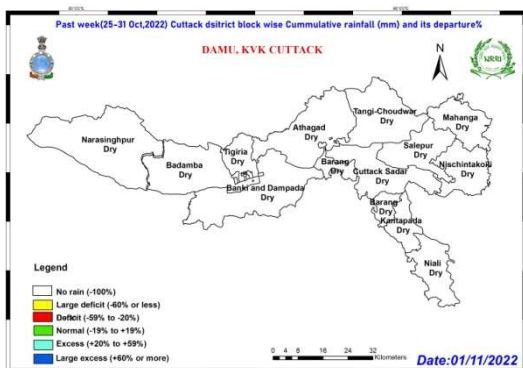


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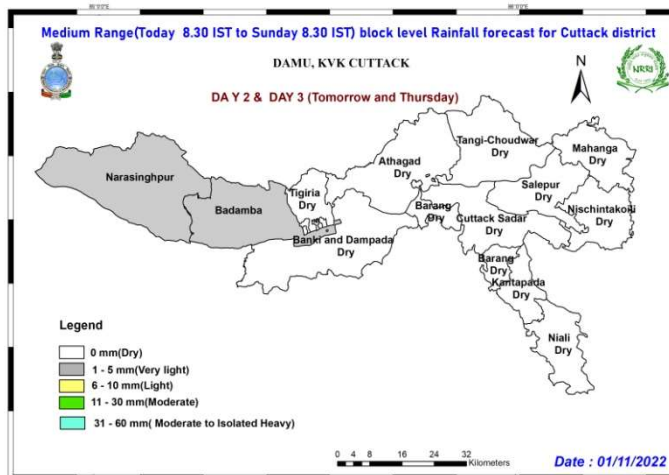
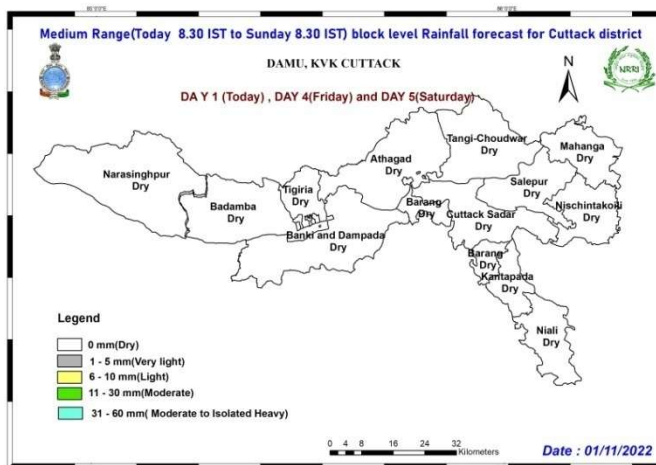


Bulletin No.-344
Date- 01/11/2022

Past week (28-31 Oct , 2022) cumulative rainfall departure% from normal and (29 Oct-01 Nov, 2022) average minimum temperature and its departure from normal for Cuttack district



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



Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-344
Date- 01/11/2022

Met Sub division	Extended range outlook for subsequent 1 week (6 th to 12 th days) (06-12 November 2022)		
Odisha	<i>Parameter</i>	<i>Departure (%)</i>	<i>Category</i>
	Rainfall	10.98	Normal
	<i>Parameter</i>	<i>Anomaly</i>	<i>Category</i>
	Maximum temperature	0.69	Normal
	Minimum temperature	0.02	Normal

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

Dr Sujata Sethy
(Nodal officer)



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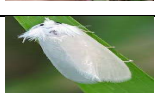
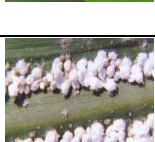



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Bulletin No.-344
Date- 01/11/2022

Weather (Past and Forecasted) based Disease and pest in Major Crops and vegetables

Sl No	Crop	Stage and condition of the crop	Anticipated Disease and pest	
1	Rice	Panicle initiation to flowering		Bacterial leaf streak
				Gundhi bug
				Mealy bug
				BPH
				Hispa
				Caseworm
2	Sugarcane	Grand growth stage to cane development stag		Ring spot
				Top borer
				Wooly Aphid
				Scale insect
				White fly
				Mealy bug

Dr Sujata Sethy
 (Nodal officer)



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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.-344
Date- 01/11/2022

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 32°C (0.16) and 20.28°C (-0.6), respectively. The mean relative humidity was 64-77%.

Forecasted period: Today(8.30IST) to 06th November(8.30IST)2022

Weather advisory: Dry weather is forecasted for today to Saturday in the block. The day temperature will be 33-34°C and night temperature will be 21-23°C for upcoming 5 days. Maximum and minimum relative humidity will be 77-91% and 38-49% respectively. There will be clear to partly cloudy sky for next 5 days.

Block	Athagad (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	01/11/2022	02/11/2022	03/11/2022	04/11/2022	05/11/2022
Rainfall (mm)	0	0	0	0	0
T-Max (°C)	33	33	33	34	34
T-Min (°C)	23	23	22	21	21
Cloud Cover (octa)	0	5	3	0	1
RH Max (%)	81	77	91	90	85
RH Min (%)	44	49	49	38	42
Wind Speed (kmph)	5	5	5	4	4
Wind Direction (deg)	23	90	75	162	162

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. Carry out spraying of insecticides or pesticides in crops during morning and afternoon hours. Complete nursery sowing for winter vegetable crops. They should cover the nursery beds with polythene in night to protect it from cold temperature. Irrigate the vegetable nursery during morning and evening time. 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/ltr. of water or, Mancozeb 75% W.P. @ 2.5 gm/ltr. 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 ltr 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.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-344
Date- 01/11/2022

AGROMET ADVISORY BULLETIN FOR BADAMBA

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

The block received average 0mm and district received average 0mm rainfall during the last week. The mean daily maximum and minimum temperature was 32°C (0.16) and 20.28°C (-0.6), respectively. The mean relative humidity was 64-77%.

Forecasted period: Today(8.30IST) to 06th November(8.30IST)2022

Weather advisory: Dry weather is forecasted for today, Friday and Saturday and very light rainfall is forecasted for Tomorrow and Thursday in the block. The day temperature will be 32-34°C and night temperature will be 20-23°C for upcoming 5 days. Maximum and minimum relative humidity will be 82-92% and 38-50% 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	01/11/2022	02/11/2022	03/11/2022	04/11/2022	05/11/2022
Rainfall(mm)	0	2	3	0	0
T-Max(°C)	33	33	32	34	34
T-Min(°C)	22	23	21	21	20
Cloud Cover(octa)	0	5	3	0	0
RH Max (%)	82	83	92	91	88
RH Min (%)	44	49	50	38	40
Wind Speed (Kmph)	5	5	4	4	4
Wind Direction (deg)	18	158	203	68	198

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. Carry out spraying of insecticides or pesticides in crops during morning and afternoon hours. Complete nursery sowing for winter vegetable crops. They should cover the nursery beds with polythene in night to protect it from cold temperature. Irrigate the vegetable nursery during morning and evening time. 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 200 liter 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 liter 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/ltr. of water or, Mancozeb 75% W.P. @ 2.5 gm/ltr. 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:

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(Nodal officer)



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Bulletin No.-344
Date- 01/11/2022

AGROMET ADVISORY BULLETIN FOR BANKI

District Past week average weather condition

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Date	01/11/2022	02/11/2022	03/11/2022	04/11/2022	05/11/2022
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	33	33	33	34	33
T-Min(°C)	22	23	22	21	21
Cloud Cover(octa)	0	5	3	0	1
RH Max (%)	82	82	91	90	86
RH Min (%)	44	50	49	39	42
Wind Speed (Kmph)	5	5	5	4	4
Wind Direction (deg)	18	68	68	68	195

Agromet Advisory

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- 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.

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Bulletin No.-344
Date- 01/11/2022

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 32°C (0.16) and 20.28°C (-0.6), respectively. The mean relative humidity was 64-77%.

Forecasted period: Today(8.30IST) to 06th November(8.30IST)2022

Weather Advisory: Dry weather is forecasted for today to Saturday in the block. The day temperature will be 33-34°C and night temperature will be 21-23°C for upcoming 5 days. Maximum and minimum relative humidity will be 81-91% and 39-50% 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	01/11/2022	02/11/2022	03/11/2022	04/11/2022	05/11/2022
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	33	33	33	34	34
T-Min(°C)	22	23	22	21	21
Cloud Cover(octa)	0	5	3	0	1
RH Max (%)	81	81	91	90	86
RH Min (%)	44	50	49	39	43
Wind Speed (Kmph)	5	5	5	4	4
Wind Direction (deg)	18	68	338	68	195

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. Carry out spraying of insecticides or pesticides in crops during morning and afternoon hours. Complete nursery sowing for winter vegetable crops. They should cover the nursery beds with polythene in night to protect it from cold temperature. Irrigate the vegetable nursery during morning and evening time. 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/ltr. of water or, Mancozeb 75% W.P. @ 2.5 gm/ltr. 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.

Dr Sujata Sethy
(Nodal officer)



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Debasish Jena

SMS (Agrometeorology)

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Bulletin No.-344
Date- 01/11/2022

AGROMET ADVISORY BULLETIN FOR BARANGA

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

The block received average 0mm and district received average 0mm rainfall during the last week. The mean daily maximum and minimum temperature was 32°C (0.16) and 20.28°C (-0.6), respectively. The mean relative humidity was 64-77%.

Forecasted period: Today(8.30IST) to 06th November(8.30IST)2022

Weather advisory: *Dry weather is forecasted for today to Saturday in the block.* The day temperature will be 33-34°C and night temperature will be 21-24°C for upcoming 5 days. Maximum and minimum relative humidity will be 73-89% and 40-50% 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	01/11/2022	02/11/2022	03/11/2022	04/11/2022	05/11/2022
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	33	33	33	34	33
T-Min(°C)	23	24	22	22	21
Cloud Cover	0	5	3	0	1
RH Max (%)	77	73	89	87	83
RH Min (%)	45	50	49	40	47
Wind Speed (Kmph)	7	7	6	4	4
Wind Direction (deg)	23	90	333	293	180

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. Carry out spraying of insecticides or pesticides in crops during morning and afternoon hours. Complete nursery sowing for winter vegetable crops. They should cover the nursery beds with polythene in night to protect it from cold temperature. Irrigate the vegetable nursery during morning and evening time. 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/ltr. of water or, Mancozeb 75% W.P. @ 2.5 gm/ltr. 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 ltr 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.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-344
Date- 01/11/2022

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 32°C (0.16) and 20.28°C (-0.6), respectively. The mean relative humidity was 64-77%.

Forecasted period: Today(8.30IST) to 06th November(8.30IST)2022

Weather advisory: Dry weather is forecasted for today to Saturday in the block. The day temperature will be 32-34°C and night temperature will be 21-24°C for upcoming 5 days. Maximum and minimum relative humidity will be 71-89% and 38-50% 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	01/11/2022	02/11/2022	03/11/2022	04/11/2022	05/11/2022
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	33	33	32	34	34
T-Min(°C)	23	24	22	22	21
Cloud Cover(octa)	0	5	3	0	1
RH Max (%)	78	71	89	87	82
RH Min (%)	44	49	50	38	47
Wind Speed (Kmph)	6	6	6	4	4
Wind Direction (deg)	23	90	333	68	180

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. Carry out spraying of insecticides or pesticides in crops during morning and afternoon hours. Complete nursery sowing for winter vegetable crops. They should cover the nursery beds with polythene in night to protect it from cold temperature. Irrigate the vegetable nursery during morning and evening time. 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.
- 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. Grow the high yielding varieties. **Raddish:** PusaChetaki, PusaRashmi, and PusaHimani, **Cauliflower:** PusaKatki, and PusaDeepali., SadaBahar, Madhuri, Maharathi, Rashmi and navin, **cabbage:** Golden acre, Pride of India etc. 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.
- 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.
- 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.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-344
Date- 01/11/2022

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 32°C (0.16) and 20.28°C (-0.6), respectively. The mean relative humidity was 64-77%.

Forecasted period: Today(8.30IST) to 06th November(8.30IST)2022

Weather advisory: Dry weather is forecasted for today to Saturday in the block. The day temperature will be 33°C and night temperature will be 22-24°C for upcoming 5 days. Maximum and minimum relative humidity will be 73-89% and 44-50% 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	01/11/2022	02/11/2022	03/11/2022	04/11/2022	05/11/2022
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	33	33	33	33	33
T-Min(°C)	23	24	23	22	22
Cloud Cover(octa)	0	4	4	0	1
RH Max (%)	76	73	89	87	82
RH Min (%)	45	50	49	44	46
Wind Speed (Kmph)	8	7	7	5	5
Wind Direction (deg)	360	75	342	338	146

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. Carry out spraying of insecticides or pesticides in crops during morning and afternoon hours. Complete nursery sowing for winter vegetable crops. They should cover the nursery beds with polythene in night to protect it from cold temperature. Irrigate the vegetable nursery during morning and evening time. 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.

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. Grow the high yielding varieties. **Raddish:** Pusachetaki, PusaRashmi, and PusaHimani, **Cauliflower:** PusaKatki, and PusaDeepali., SadaBahar, Madhuri, Maharathi, Rashmi and navin, **cabbage:** Golden acre, Pride of India etc. 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.**

- 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.
- 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.

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(Nodal officer)



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Bulletin No.-344
Date- 01/11/2022

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 32°C (0.16) and 20.28°C (-0.6), respectively. The mean relative humidity was 64-77%.

Forecasted period: Today(8.30IST) to 06th November(8.30IST)2022

Weather advisory: Dry weather is forecasted for today to Saturday in the block. The day temperature will be and it will be 32-34°C and night temperature will be 21-24°C for upcoming 5 days. Maximum and minimum relative humidity will be 66-84% and 39-49% 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	01/11/2022	02/11/2022	03/11/2022	04/11/2022	05/11/2022
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	33	33	32	34	33
T-Min(°C)	23	24	22	22	21
Cloud Cover(octal)	0	4	4	0	1
RH Max (%)	77	66	84	83	80
RH Min (%)	45	48	49	39	45
Wind Speed (Kmph)	7	7	7	5	5
Wind Direction (deg)	11	90	333	150	161

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. Carry out spraying of insecticides or pesticides in crops during morning and afternoon hours. Complete nursery sowing for winter vegetable crops. They should cover the nursery beds with polythene in night to protect it from cold temperature. Irrigate the vegetable nursery during morning and evening time. 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.

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. Grow the high yielding varieties.

Raddish: Pusachetaki, PusaRashmi, and PusaHimani, **Cauliflower:** PusaKatki, and PusaDeepali., SadaBahar, Madhuri, Maharathi, Rashmi and navin, **cabbage:** Golden acre, Pride of India etc. 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.**

- 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.

- 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.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-344
Date- 01/11/2022

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 32°C (0.16) and 20.28°C (-0.6), respectively. The mean relative humidity was 64-77%.

Forecasted period: Today(8.30IST) to 06th November(8.30IST)2022

Weather advisory: Dry weather is forecasted for today, Friday and Saturday and very light rainfall is forecasted for Tomorrow and Thursday in the block. The day temperature will be 32-34°C and night temperature will be 19-22°C for upcoming 5 days. Maximum and minimum relative humidity will be 81-93% and 36-51% 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	01/11/2022	02/11/2022	03/11/2022	04/11/2022	05/11/2022
Rainfall(mm)	0	2	3	0	0
T-Max(°C)	33	34	32	34	34
T-Min(°C)	21	22	20	20	19
Cloud Cover(octa)	0	4	2	0	0
RH Max (%)	81	89	93	92	90
RH Min (%)	43	46	51	36	38
Wind Speed (Kmph)	3	4	3	3	3
Wind Direction (deg)	18	158	207	68	210

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. Carry out spraying of insecticides or pesticides in crops during morning and afternoon hours. Complete nursery sowing for winter vegetable crops. They should cover the nursery beds with polythene in night to protect it from cold temperature. Irrigate the vegetable nursery during morning and evening time. 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/ltr. of water or, Mancozeb 75% W.P. @ 2.5 gm/ltr. 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

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-344
Date- 01/11/2022

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 32°C (0.16) and 20.28°C (-0.6), respectively. The mean relative humidity was 64-77%.

Forecasted period: Today(8.30IST) to 06th November(8.30IST)2022

Weather advisory: Dry weather is forecasted for today to Saturday in the block. The day temperature will be 32-33°C and night temperature will be 22-24°C for upcoming 5 days. Maximum and minimum relative humidity will be 74-89% and 45-50% 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	01/11/2022	02/11/2022	03/11/2022	04/11/2022	05/11/2022
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	33	33	32	33	33
T-Min(°C)	23	24	23	22	22
Cloud Cover(octa)	0	4	4	0	0
RH Max (%)	75	74	89	88	81
RH Min (%)	46	50	48	47	45
Wind Speed(Kmph)	8	8	8	6	5
Wind Direction(deg)	15	101	101	338	146

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. Carry out spraying of insecticides or pesticides in crops during morning and afternoon hours. Complete nursery sowing for winter vegetable crops. They should cover the nursery beds with polythene in night to protect it from cold temperature. Irrigate the vegetable nursery during morning and evening time. 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.
- 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) Carbenazim @ 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. Grow the high yielding varieties. **Raddish:** Pusachetaki, PusaRashmi, and PusaHimani, **Cauliflower:** PusaKatki, and PusaDeepali., SadaBahar, Madhuri, Maharathi, Rashmi and navin, **cabbage:** Golden acre, Pride of India etc. 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.**
- 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.
- 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

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-344
Date- 01/11/2022

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 32°C (0.16) and 20.28°C (-0.6), respectively. The mean relative humidity was 64-77%.

Forecasted period: Today(8.30IST) to 06th November(8.30IST)2022

Weather advisory: *Dry weather is forecasted for today to Saturday in the block.* The day temperature will be 32-34°C and night temperature will be 22-24°C for upcoming 5 days. Maximum and minimum relative humidity will be 68-85% and 40-50% 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	01/11/2022	02/11/2022	03/11/2022	04/11/2022	05/11/2022
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	33	33	32	34	33
T-Min(°C)	23	24	22	22	22
Cloud Cover(octa)	0	4	4	0	1
RH Max (%)	76	68	85	83	80
RH Min (%)	45	49	50	40	45
Wind Speed (Kmph)	7	7	7	5	5
Wind Direction (deg)	360	101	333	288	161

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. Carry out spraying of insecticides or pesticides in crops during morning and afternoon hours. Complete nursery sowing for winter vegetable crops. They should cover the nursery beds with polythene in night to protect it from cold temperature. Irrigate the vegetable nursery during morning and evening time. 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.
- 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. Grow the high yielding varieties. **Raddish:** PusaChetaki, PusaRashmi, and PusaHimani, **Cauliflower:** PusaKatki, and PusaDeepali., SadaBahar, Madhuri, Maharathi, Rashmi and navin, **cabbage:** Golden acre, Pride of India etc. 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.**
 - 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.
 - 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.

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Bulletin No.-344
Date- 01/11/2022

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 32°C (0.16) and 20.28°C (-0.6), respectively. The mean relative humidity was 64-77%.

Forecasted period: Today(8.30IST) to 06th November(8.30IST)2022

Weather advisory: Dry weather is forecasted for today to Saturday in the block. The day temperature will be 32-34°C and night temperature will be 21-24°C for upcoming 5 days. Maximum and minimum relative humidity will be 67-86% and 39-50% 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	01/11/2022	02/11/2022	03/11/2022	04/11/2022	05/11/2022
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	33	33	32	34	33
T-Min(°C)	23	24	22	22	21
Cloud Cover(octa)	0	4	4	0	1
RH Max (%)	76	67	86	84	80
RH Min (%)	45	49	50	39	46
Wind Speed (Kmph)	7	7	7	5	5
Wind Direction (deg)	11	90	333	150	161

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. Carry out spraying of insecticides or pesticides in crops during morning and afternoon hours. Complete nursery sowing for winter vegetable crops. They should cover the nursery beds with polythene in night to protect it from cold temperature. Irrigate the vegetable nursery during morning and evening time. 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 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/ltr. of water or, Mancozeb 75% W.P. @ 2.5 gm/ltr. 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.

Dr Sujata Sethy
(Nodal officer)



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Debasish Jena

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Bulletin No.-344
Date- 01/11/2022

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 32°C (0.16) and 20.28°C (-0.6), respectively. The mean relative humidity was 64-77%.

Forecasted period: Today(8.30IST) to 06th November(8.30IST)2022

Weather advisory: Dry weather is forecasted for today to Saturday in the block. The day temperature will be 31°C and night temperature will be 23-24°C for upcoming 5 days. Maximum and minimum relative humidity will be 71-85% and 48-54% 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	01/11/2022	02/11/2022	03/11/2022	04/11/2022	05/11/2022
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	31	31	31	31	31
T-Min(°C)	23	24	23	23	23
Cloud Cover(octa)	1	4	5	0	0
RH Max (%)	75	71	85	84	78
RH Min (%)	49	54	53	49	48
Wind Speed (Kmph)	10	10	9	8	7
Wind Direction (deg)	60	68	101	113	124

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. Carry out spraying of insecticides or pesticides in crops during morning and afternoon hours. Complete nursery sowing for winter vegetable crops. They should cover the nursery beds with polythene in night to protect it from cold temperature. Irrigate the vegetable nursery during morning and evening time. 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 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/ltr. of water or, Mancozeb 75% W.P. @ 2.5 gm/ltr. 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.-344
Date- 01/11/2022

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 32°C (0.16) and 20.28°C (-0.6), respectively. The mean relative humidity was 64-77%.

Forecasted period: Today(8.30IST) to 06th November(8.30IST)2022

Weather advisory: Dry weather is forecasted for today to Saturday in the block. The day temperature will be 33-34°C and night temperature will be 21-23°C for upcoming 5 days. Maximum and minimum relative humidity will be 80-92% and 38-50% 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	01/11/2022	02/11/2022	03/11/2022	04/11/2022	05/11/2022
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	33	33	33	34	33
T-Min(°C)	22	23	22	21	21
Cloud Cover(octa)	0	5	3	0	0
RH Max (%)	82	80	92	91	87
RH Min (%)	44	50	50	38	40
Wind Speed (Kmph)	5	5	5	4	4
Wind Direction (deg)	18	75	158	75	158

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. Carry out spraying of insecticides or pesticides in crops during morning and afternoon hours. Complete nursery sowing for winter vegetable crops. They should cover the nursery beds with polythene in night to protect it from cold temperature. Irrigate the vegetable nursery during morning and evening time. 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.

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- 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.

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

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

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