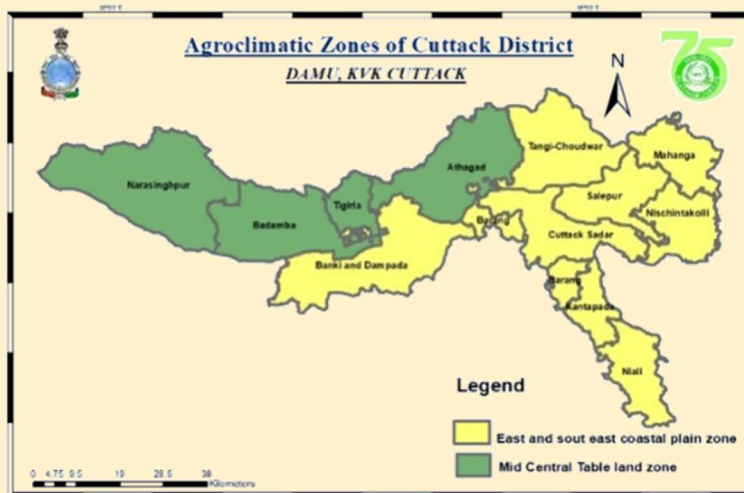




Cuttack District Block Wise Agro-met Advisory Service Bulletin

*Tuesday, 25th October, 2022
(For the period 25th to 29th
October, 2022)*



*Issued by
District Agromet Unit,
KrishiVigyan Kendra Cuttack*



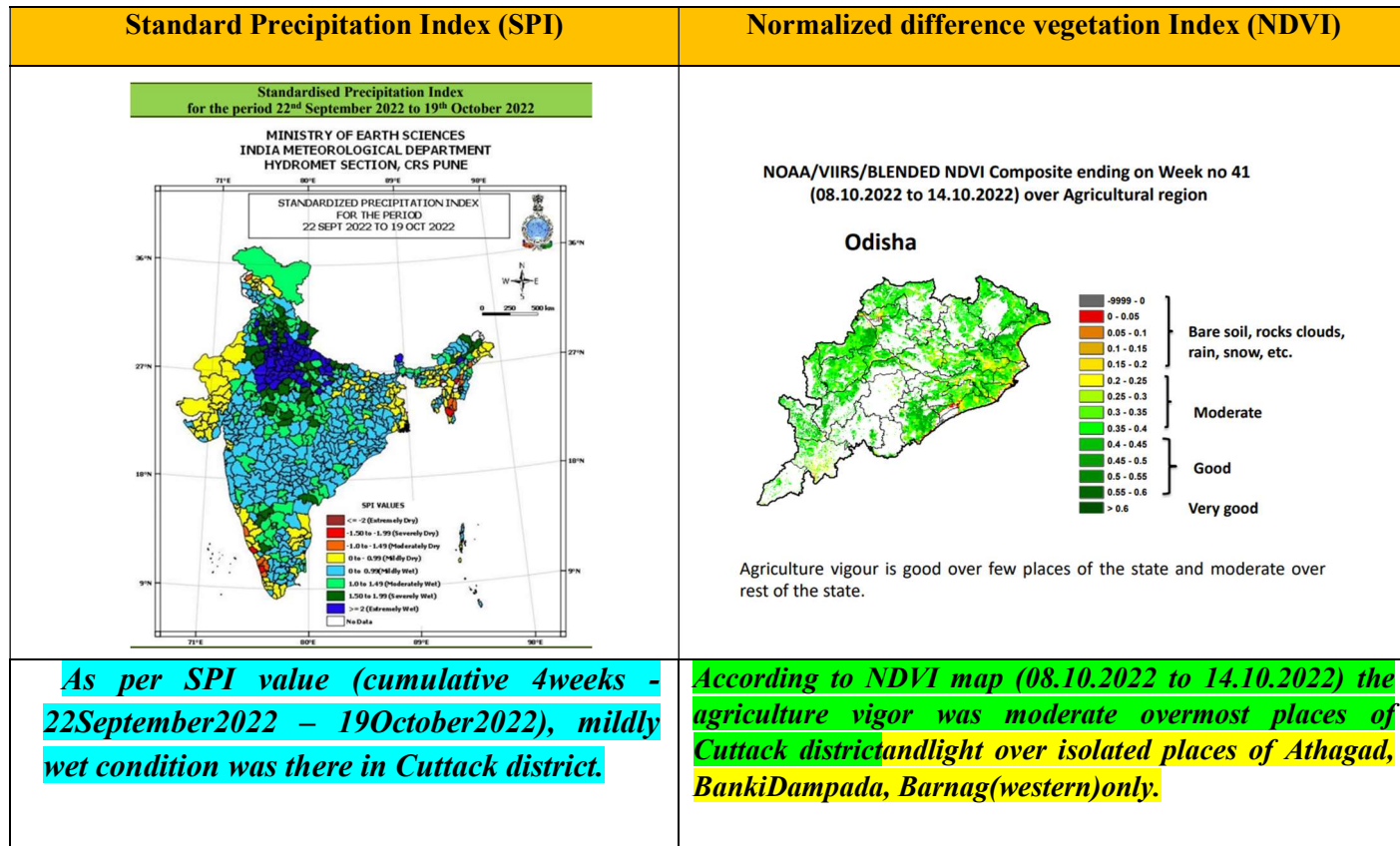


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Bulletin No.-342
Date- 25/10/2022

STANDARD PRECIPITATION INDEX AND NDVI MAP



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

Dr Sujata Sethy
(Nodal officer)



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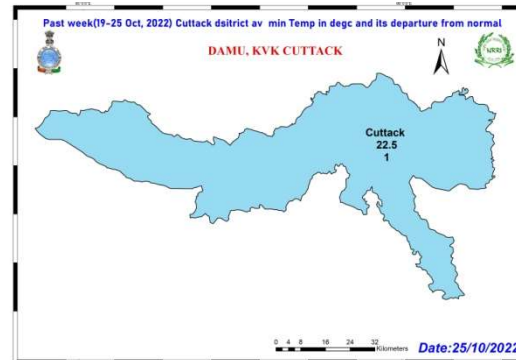
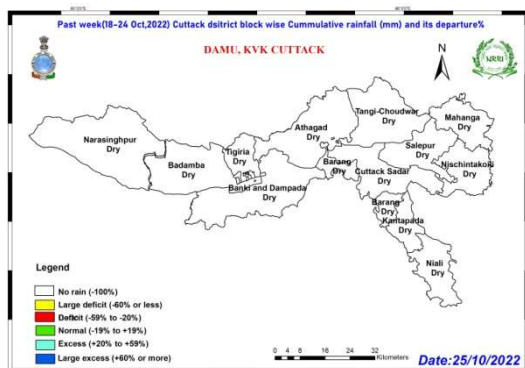


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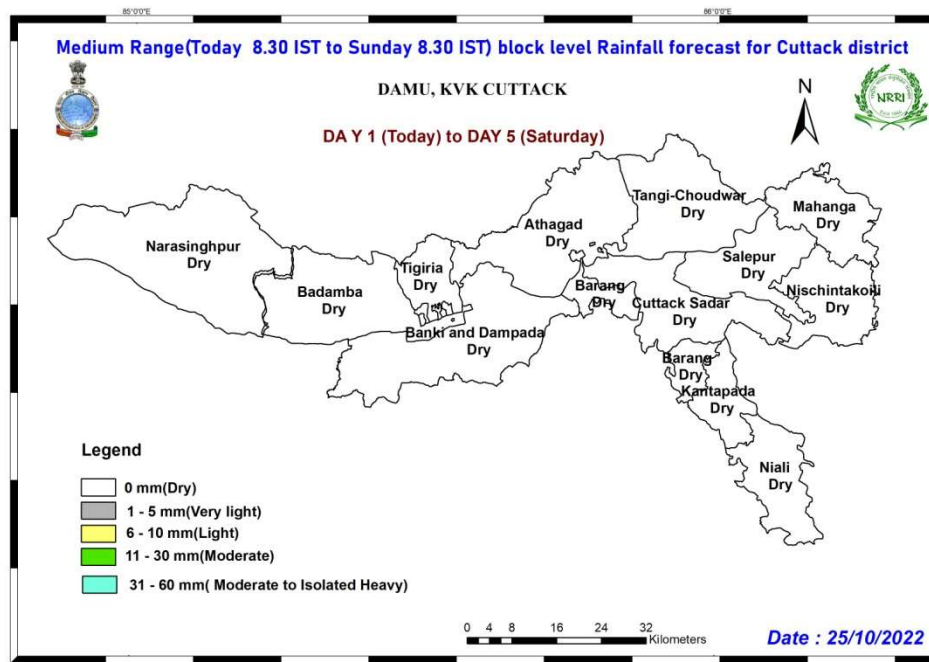


Bulletin No.-342
Date- 25/10/2022

Past week (18-24 Oct , 2022) cumulative rainfall departure% from normal and (19-25 Oct, 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.-342
Date- 25/10/2022

Met Sub division	Extended range outlook for subsequent 1 week (6 th to 12 th days) (30 October-05 November 2022)		
Odisha	<i>Parameter</i>	<i>Departure (%)</i>	<i>Category</i>
	Rainfall	22.86	Above Normal
	<i>Parameter</i>	<i>Anomaly</i>	<i>Category</i>
	Maximum temperature	NA	NA
	Minimum temperature	NA	NA

General Agromet Advisory:- There will be above 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 before the subsequent week.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-342
Date- 25/10/2022

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	4-5 month old		Mealy bug
				Scales
				Ring spot
3	Vegetables			Aphid

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

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Bulletin No.-342
Date- 25/10/2022

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 31.5°C (-0.9) and 22.5°C (+1), respectively. The mean relative humidity was 62-77%.

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

Weather advisory: *Dry weather is forecasted for today to Saturday in the block.* The day temperature will be 31-32°C and night temperature will be 19-22°C for upcoming 5 days. Maximum and minimum relative humidity will be 76-90% and 38-48% respectively. There will be clear to partly cloudy sky for next 5 days.

Block	Athagad (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	25/10/2022	26/10/2022	27/10/2022	28/10/2022	29/10/2022
Rainfall (mm)	0	0	0	0	0
T-Max (°C)	32	32	32	32	31
T-Min (°C)	21	22	22	21	19
Cloud Cover (octa)	1	0	2	1	6
RH Max (%)	82	90	82	83	76
RH Min (%)	43	39	48	43	38
Wind Speed (kmph)	5	5	5	5	6
Wind Direction (deg)	340	15	326	340	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. Carry out spraying of insecticides or pesticides in crops during morning and afternoon hours. Keep watch on the infestation of gundhi bug and BPH in paddy. Complete nursery sowing for winter vegetable crops. 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.-342
Date- 25/10/2022

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 31.5°C (-0.9) and 22.5°C (+1), respectively. The mean relative humidity was 62-77%.

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

Weather advisory: Dry weather is forecasted for today to Saturday in the block. The day temperature will be 31-32°C and night temperature will be 19-21°C for upcoming 5 days. Maximum and minimum relative humidity will be 75-84% and 38-45% respectively. There will be clear to partly cloudy sky for next 5 days.

Block	Badamba (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	25/10/2022	26/10/2022	27/10/2022	28/10/2022	29/10/2022
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	32	32	32	32	31
T-Min(°C)	21	21	21	20	19
Cloud Cover(octa)	0	0	1	0	6
RH Max (%)	76	84	77	75	75
RH Min (%)	42	38	45	42	38
Wind Speed (Kmph)	5	4	4	6	5
Wind Direction (deg)	351	304	349	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. Carry out spraying of insecticides or pesticides in crops during morning and afternoon hours. Keep watch on the infestation of gundhi bug and BPH in paddy. Complete nursery sowing for winter vegetable crops. 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 x 30cm and medium and late duration varieties (3-4 week seedlings) should be transplanted at 60-75cm x 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.-342
Date- 25/10/2022

AGROMET ADVISORY BULLETIN FOR BANKI

District Past week average weather condition

The block received average 0mm and district received average 0mm rainfall during the last week. The mean daily maximum and minimum temperature was 31.5°C (-0.9) and 22.5°C (+1), respectively. The mean relative humidity was 62-77%.

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

Weather advisory: Dry weather is forecasted for today to Saturday in the block. The day temperature will be 31-32°C and night temperature will be 19-22°C for upcoming 5 days. Maximum and minimum relative humidity will be 75-89% and 38-47% respectively. There will be clear to partly cloudy sky for next 5 days.

Block	Banki (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	25/10/2022	26/10/2022	27/10/2022	28/10/2022	29/10/2022
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	32	32	32	32	31
T-Min(°C)	21	22	22	20	19
Cloud Cover(octa)	0	0	2	1	6
RH Max (%)	78	89	81	79	75
RH Min (%)	42	38	47	43	38
Wind Speed (Kmph)	5	5	5	5	6
Wind Direction (deg)	345	297	338	340	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. Carry out spraying of insecticides or pesticides in crops during morning and afternoon hours. Keep watch on the infestation of gundhi bug and BPH in paddy. Complete nursery sowing for winter vegetable crops. Irrigate the vegetable nursery during morning and evening time. Go for sowing black gram and green gram in upland rice fallow condition.

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Bulletin No.-342
Date- 25/10/2022

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 31.5°C (-0.9) and 22.5°C (+1), respectively. The mean relative humidity was 62-77%.

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

Weather Advisory: Dry weather is forecasted for today to Saturday in the block. The day temperature will be 31-32°C and night temperature will be 19-22°C for upcoming 5 days. Maximum and minimum relative humidity will be 75-89% and 38-48% respectively. There will be clear to partly cloudy sky for next 5 days.

Block	Banki-Dampada (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	25/10/2022	26/10/2022	27/10/2022	28/10/2022	29/10/2022
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	32	32	32	32	31
T-Min(°C)	21	22	22	20	19
Cloud Cover(octa)	1	0	2	1	6
RH Max (%)	79	89	82	80	75
RH Min (%)	42	38	48	43	38
Wind Speed (Kmph)	5	5	5	5	6
Wind Direction (deg)	345	297	338	340	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. Carry out spraying of insecticides or pesticides in crops during morning and afternoon hours. Keep watch on the infestation of gundhi bug and BPH in paddy. Complete nursery sowing for winter vegetable crops. 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 Sathy
(Nodal officer)



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Bulletin No.-342
Date- 25/10/2022

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 31.5°C (-0.9) and 22.5°C (+1), respectively. The mean relative humidity was 62-77%.

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

Weather advisory: *Dry weather is forecasted for today to Saturday in the block.* The day temperature will be 31-33°C and night temperature will be 20-23°C for upcoming 5 days. Maximum and minimum relative humidity will be 73-89% and 40-49% respectively. There will be clear to partly cloudy sky for next 5 days.

Block	Baranga (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	25/10/2022	26/10/2022	27/10/2022	28/10/2022	29/10/2022
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	32	33	32	32	31
T-Min(°C)	22	23	23	22	20
Cloud Cover	1	0	3	2	6
RH Max (%)	84	89	85	84	73
RH Min (%)	42	40	49	45	40
Wind Speed (Kmph)	6	6	5	5	7
Wind Direction (deg)	338	288	326	360	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. Carry out spraying of insecticides or pesticides in crops during morning and afternoon hours. Keep watch on the infestation of gundhi bug and BPH in paddy. Complete nursery sowing for winter vegetable crops. 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 (5-6weeks) 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.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-342
Date- 25/10/2022

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 31.5°C (-0.9) and 22.5°C (+1), respectively. The mean relative humidity was 62-77%.

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

Weather advisory: *Dry weather is forecasted for today to Saturday in the block.* The day temperature will be 31-33°C and night temperature will be 20-23°C for upcoming 5 days. Maximum and minimum relative humidity will be 73-88% and 39-49% respectively. There will be clear to partly cloudy sky for next 5 days.

Block	Cuttack sadar (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	25/10/2022	26/10/2022	27/10/2022	28/10/2022	29/10/2022
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	32	33	32	32	31
T-Min(°C)	22	23	23	22	20
Cloud Cover(octa)	1	0	2	1	6
RH Max (%)	85	88	85	84	73
RH Min (%)	42	40	49	43	39
Wind Speed (Kmph)	6	5	5	5	7
Wind Direction (deg)	338	293	326	345	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. Carry out spraying of insecticides or pesticides in crops during morning and afternoon hours. Keep watch on the infestation of gundhi bug and BPH in paddy. Complete nursery sowing for winter vegetable crops. 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 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 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) Carbazothiazim @ 1g/l (or) Mancozeb @ 3g/l for three times once in three weeks. Prevailing hot weather favours the infestation of **Mites, Mealy bug, Whitefly and scale insect** in sugarcane. If mites will be found the spray spiromesifen 22.9%SC 1ml/litre of water. To control mealy bug spray Imidacloprid 17.8 SL 50 ml or Thiamethoxam 40 gram in 200litre water for one acre. To control scale insects apply Dimethoate 2ml/litre water or methyl demeton 2ml/litre water. To control white fly go for spraying of Thiamethoxam 40 gram in 200litre water for one acre.
- **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:** Pusa chetaki, Pusa Rashmi, and Pusa Himani, **Cauliflower:** Pusa Katki, and Pusa Deepali., Sada Bahar, 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/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 (5-6weeks) 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.
- To prevent **damping off disease** in cabbage/Cauliflower nursery, treat 1 kg of seeds with 2-3 g Captan 75% WS or 2 g Carbazothiazim 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.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-342
Date- 25/10/2022

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 31.5°C (-0.9) and 22.5°C (+1), respectively. The mean relative humidity was 62-77%.

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

Weather advisory: Dry weather is forecasted for today to Saturday in the block. The day temperature will be 31-33°C and night temperature will be 20-24°C for upcoming 5 days. Maximum and minimum relative humidity will be 72-88% and 42-49% respectively. There will be clear to partly cloudy sky for next 5 days.

Block	Kantapada (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	25/10/2022	26/10/2022	27/10/2022	28/10/2022	29/10/2022
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	33	33	32	31	31
T-Min(°C)	23	23	24	22	20
Cloud Cover(octa)	1	2	4	3	7
RH Max (%)	86	88	86	83	72
RH Min (%)	42	43	48	49	42
Wind Speed (Kmph)	6	7	5	5	8
Wind Direction (deg)	340	105	360	349	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. Carry out spraying of insecticides or pesticides in crops during morning and afternoon hours. Keep watch on the infestation of gundhi bug and BPH in paddy. Complete nursery sowing for winter vegetable crops. 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 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 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. Prevailing hot weather favours the infestation of **Mites, Mealy bug, Whitefly and scale insect** in sugarcane. If mites will be found the spray spiromesifen 22.9%SC 1ml/litre of water. To control mealy bug spray Imidacloprid 17.8 SL 50 ml or Thiamethoxam 40 gram in 200litre water for one acre. To control scale insects apply Dimethoate 2ml/litre water or methyl demeton 2ml/litre water. To control white fly go for spraying of Thiamethoxam 40 gram in 200litre water for one acre.
- 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 radish, cabbage, cauliflower, beans, cluster bean and tomato. Grow the high yielding varieties. **Radish:** Pusa chetaki, Pusa Rashmi, and Pusa Himani, **Cauliflower:** Pusa Katki, and Pusa Deepali., Sada Bahar, 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/ltr. of water or, Mancozeb 75% W.P. @ 2.5 gm/ltr. of water. Transplant Cauliflower seedlings in the main field.
- 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.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-342
Date- 25/10/2022

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 31.5°C (-0.9) and 22.5°C (+1), respectively. The mean relative humidity was 62-77%.

Forecasted period: Today(8.30IST) to 30th October(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 31-33°C and night temperature will be 20-23°C for upcoming 5 days. Maximum and minimum relative humidity will be 70-89% and 41-48% respectively. There will be clear to partly cloudy sky for next 5 days.

Block	Mahanga (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	25/10/2022	26/10/2022	27/10/2022	28/10/2022	29/10/2022
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	33	33	32	32	31
T-Min(°C)	23	23	23	22	20
Cloud Cover(octal)	1	1	3	0	6
RH Max (%)	89	85	85	79	70
RH Min (%)	41	44	48	42	42
Wind Speed (Kmph)	5	6	5	6	8
Wind Direction (deg)	334	288	333	360	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. Carry out spraying of insecticides or pesticides in crops during morning and afternoon hours. Keep watch on the infestation of gundhi bug and BPH in paddy. Complete nursery sowing for winter vegetable crops. 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 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 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. Prevailing hot weather favours the infestation of **Mites, Mealy bug, Whitefly and scale insect** in sugarcane. If mites will be found the spray spiromesifen 22.9%SC 1ml/litre of water. To control mealy bug spray Imidacloprid 17.8 SL 50 ml or Thiamethoxam 40 gram in 200litre water for one acre. To control scale insects apply Dimethoate 2ml/litre water or methyl demeton 2ml/litre water. To control white fly go for spraying of Thiamethoxam 40 gram in 200litre water for one acre.

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:** Pusa chetaki, Pusa Rashmi, and Pusa Himani, **Cauliflower:** Pusa Katki, and Pusa Deepali., Sada Bahar, 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/ltr. of water or, Mancozeb 75% W.P. @ 2.5 gm/ltr. of water. Transplant Cauliflower seedlings in the main field.

- 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.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-342
Date- 25/10/2022

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 31.5°C (-0.9) and 22.5°C (+1), respectively. The mean relative humidity was 62-77%.

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

Weather advisory: Dry weather is forecasted for today to Saturday in the block. The day temperature will be 31-33°C and night temperature will be 17-20°C for upcoming 5 days. Maximum and minimum relative humidity will be 69-76% and 36-42% respectively. There will be clear to partly cloudy sky for next 5 days.

Block	Narasinghpur (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	25/10/2022	26/10/2022	27/10/2022	28/10/2022	29/10/2022
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	32	33	33	32	31
T-Min(°C)	20	20	20	18	17
Cloud Cover(octa)	0	0	1	0	6
RH Max (%)	74	76	72	69	73
RH Min (%)	40	37	42	39	36
Wind Speed (Kmph)	4	3	4	5	4
Wind Direction (deg)	360	11	296	349	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. Carry out spraying of insecticides or pesticides in crops during morning and afternoon hours. Keep watch on the infestation of gundhi bug and BPH in paddy. Complete nursery sowing for winter vegetable crops. 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.-342
Date- 25/10/2022

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 31.5°C (-0.9) and 22.5°C (+1), respectively. The mean relative humidity was 62-77%.

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

Weather advisory: Dry weather is forecasted for today to Saturday in the block. The day temperature will be 31-33°C and night temperature will be 20-24°C for upcoming 5 days. Maximum and minimum relative humidity will be 72-89% and 41-49% respectively. There will be clear to partly cloudy sky for next 5 days.

Block	Niali (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	25/10/2022	26/10/2022	27/10/2022	28/10/2022	29/10/2022
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	33	33	32	31	31
T-Min(°C)	23	23	24	23	20
Cloud Cover(octa)	1	0	3	2	7
RH Max (%)	87	89	85	83	72
RH Min (%)	41	46	48	49	43
Wind Speed(Kmph)	6	7	6	6	9
Wind Direction(deg)	338	117	360	349	23

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. Keep watch on the infestation of gundhi bug and BPH in paddy. Complete nursery sowing for winter vegetable crops. 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 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 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. Prevailing hot weather favours the infestation of Mites, Mealy bug, Whitefly and scale insect in sugarcane. If mites will be found the spray spiromesifen 22.9%SC 1ml/litre of water. To control mealy bug spray Imidacloprid 17.8 SL 50 ml or Thiamethoxam 40 gram in 200litre water for one acre. To control scale insects apply Dimethoate 2ml/litre water or methyl demeton 2ml/litre water. To control white fly go for spraying of Thiamethoxam 40 gram in 200litre water for one acre.

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:** Pusa chetaki, Pusa Rashmi, and Pusa Himani, **Cauliflower:** Pusa Katki, and Pusa Deepali., Sada Bahar, 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/ltr. of water or, Mancozeb 75% W.P. @ 2.5 gm/ltr. of water. Transplant Cauliflower seedlings in the main field.

- 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 litre water.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-342
Date- 25/10/2022

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 31.5°C (-0.9) and 22.5°C (+1), respectively. The mean relative humidity was 62-77%.

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

Weather advisory: *Dry weather is forecasted for today to Saturday in the block.* The day temperature will be 31-33°C and night temperature will be 20-24°C for upcoming 5 days. Maximum and minimum relative humidity will be 71-89% and 41-48% respectively. **There will be clear to partly cloudy sky for next 5 days.**

Block	Nischintakoili (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	25/10/2022	26/10/2022	27/10/2022	28/10/2022	29/10/2022
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	33	33	33	32	31
T-Min(°C)	23	23	24	22	20
Cloud Cover(octa)	1	0	3	1	7
RH Max (%)	89	86	85	80	71
RH Min (%)	41	44	48	43	42
Wind Speed (Kmph)	6	6	5	6	8
Wind Direction (deg)	334	288	338	345	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. Carry out spraying of insecticides or pesticides in crops during morning and afternoon hours. Keep watch on the infestation of gundhi bug and BPH in paddy. Complete nursery sowing for winter vegetable crops. 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 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 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) Carbazim @ 1g/l (or) Mancozeb @ 3g/l for three times once in three weeks. Prevailing hot weather favours the infestation of **Mites, Mealy bug, Whitefly and scale insect** in sugarcane. If mites will be found the spray spiromesifen 22.9%SC 1ml/litre of water. To control mealy bug spray Imidacloprid 17.8 SL 50 ml or Thiamethoxam 40 gram in 200litre water for one acre. To control scale insects apply Dimethoate 2ml/litre water or methyl demeton 2ml/litre water. To control white fly go for spraying of Thiamethoxam 40 gram in 200litre water for one acre.
- 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:** Pusa chetaki, Pusa Rashmi, and Pusa Himani, **Cauliflower:** Pusa Katki, and Pusa Deepali., Sada Bahar, 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/ltr. of water or, Mancozeb 75% W.P. @ 2.5 gm/ltr. of water. Transplant Cauliflower seedlings in the main field.
- 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 Carbazim 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 litre water.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-342
Date- 25/10/2022

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 31.5°C (-0.9) and 22.5°C (+1), respectively. The mean relative humidity was 62-77%.

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

Weather advisory: Dry weather is forecasted for today to Saturday in the block. The day temperature will be 31-33°C and night temperature will be 20-24°C for upcoming 5 days. Maximum and minimum relative humidity will be 71-89% and 42-49% respectively. There will be clear to partly cloudy sky for next 5 days.

Block	Salepur (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	25/10/2022	26/10/2022	27/10/2022	28/10/2022	29/10/2022
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	33	33	33	32	31
T-Min(°C)	23	23	24	22	20
Cloud Cover(octa)	1	1	3	1	7
RH Max (%)	89	86	86	80	71
RH Min (%)	42	43	49	43	42
Wind Speed (Kmph)	5	6	5	5	8
Wind Direction (deg)	335	288	333	349	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. Carry out spraying of insecticides or pesticides in crops during morning and afternoon hours. Keep watch on the infestation of gundhi bug and BPH in paddy. Complete nursery sowing for winter vegetable crops. 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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Bulletin No.-342
Date- 25/10/2022

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 31.5°C (-0.9) and 22.5°C (+1), respectively. The mean relative humidity was 62-77%.

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

Weather advisory: Dry weather is forecasted for today to Saturday in the block. The day temperature will be 31-32°C and night temperature will be 21-24°C for upcoming 5 days. Maximum and minimum relative humidity will be 72-87% and 44-55% respectively. There will be clear to partly cloudy sky for next 5 days.

Block	Tangi-Choudwar (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	25/10/2022	26/10/2022	27/10/2022	28/10/2022	29/10/2022
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	32	31	31	31	31
T-Min(°C)	24	23	23	22	21
Cloud Cover(octa)	1	0	2	0	5
RH Max (%)	87	85	82	76	72
RH Min (%)	44	55	49	49	48
Wind Speed (Kmph)	8	10	7	9	12
Wind Direction (deg)	108	113	90	45	60

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. Keep watch on the infestation of gundhi bug and BPH in paddy. Complete nursery sowing for winter vegetable crops. 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 x 30cm and medium and late duration varieties (3-4 week seedlings) should be transplanted at 60-75cm x 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)



Follow Meghdoot Mobile APP for Agromet advisories in local language and DAMINI APP for Lightening alert in your area



Debasish Jena

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Date- 25/10/2022

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 31.5°C (-0.9) and 22.5°C (+1), respectively. The mean relative humidity was 62-77%.

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

Weather advisory: Dry weather is forecasted for today to Saturday in the block. The day temperature will be 31-32°C and night temperature will be 19-22°C for upcoming 5 days. Maximum and minimum relative humidity will be 77-89% and 38-46% respectively. There will be clear to partly cloudy sky for next 5 days.

Block	Tigiria (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	25/10/2022	26/10/2022	27/10/2022	28/10/2022	29/10/2022
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	32	32	32	32	31
T-Min(°C)	21	22	22	20	19
Cloud Cover(octa)	1	0	1	0	6
RH Max (%)	79	89	80	80	77
RH Min (%)	43	39	46	43	38
Wind Speed (Kmph)	5	5	5	5	5
Wind Direction (deg)	351	315	338	340	360

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. Keep watch on the infestation of gundhi bug and BPH in paddy. Complete nursery sowing for winter vegetable crops. 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.

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

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