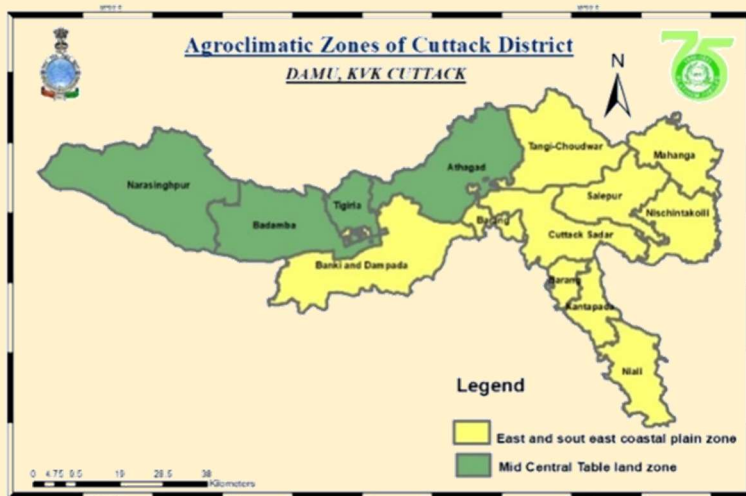




# Cuttack District Block Wise Agro-met Advisory Service Bulletin

**Tuesday, 18<sup>th</sup> October, 2022**  
(For the period 18<sup>th</sup> to 22<sup>th</sup>  
October, 2022)



**Issued by**  
**District Agromet Unit,**  
**KrishiVigyan Kendra Cuttack**



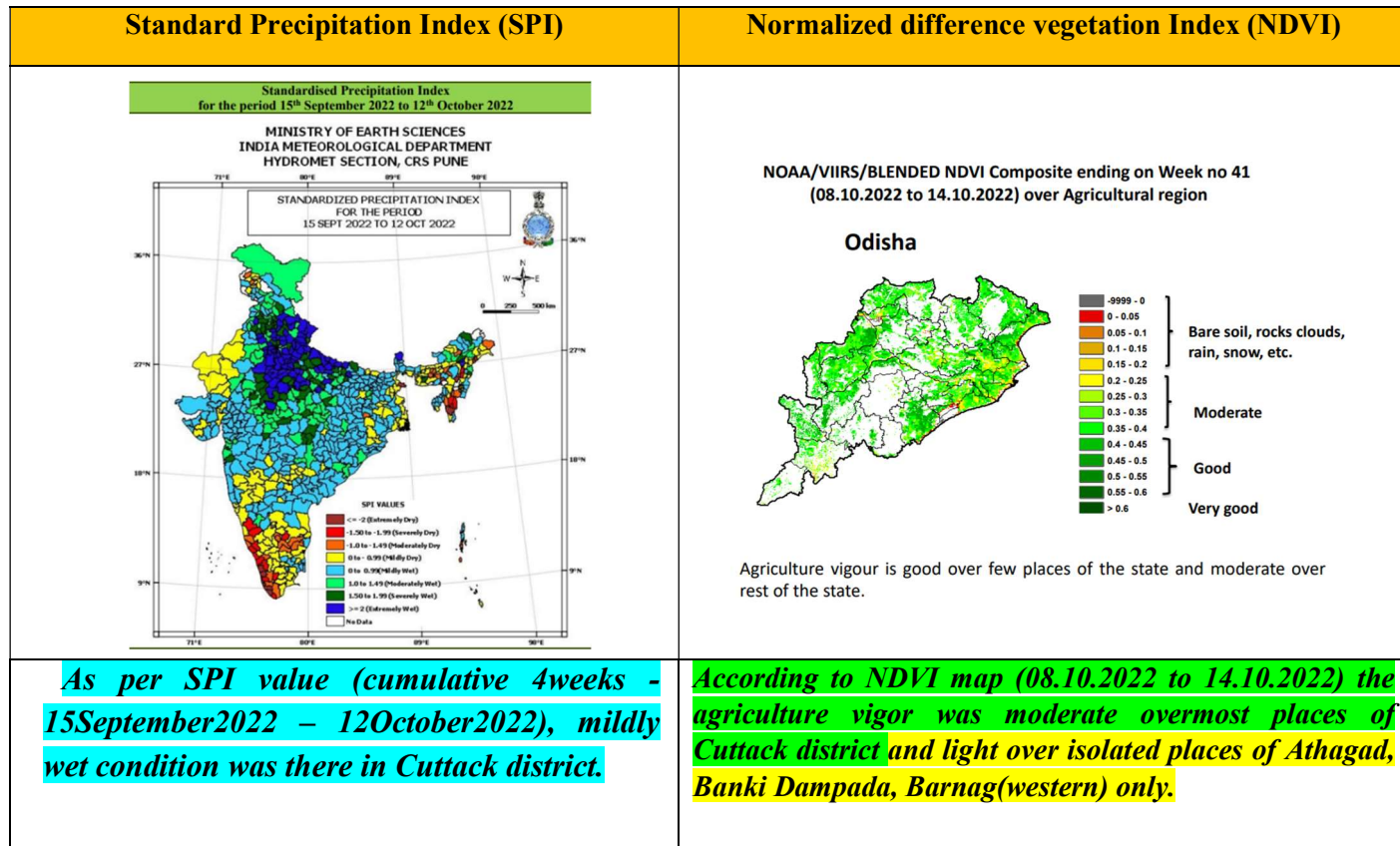


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**Bulletin No.-340**  
**Date- 18/10/2022**

**STANDARD PRECIPITATION INDEX AND NDVI MAP**



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

Dr Sujata Sethy  
(Nodal officer)



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Debasish Jena  
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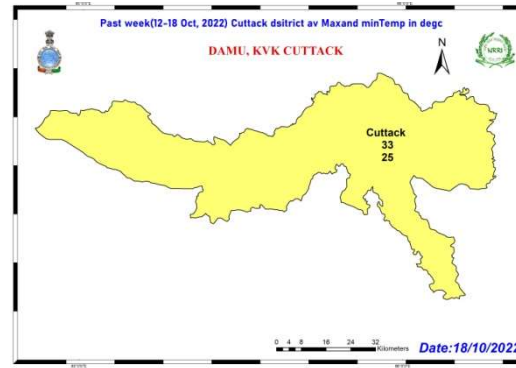
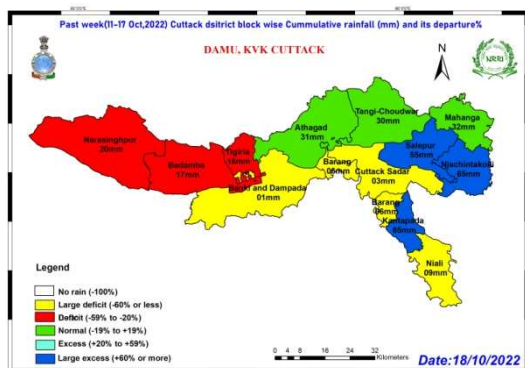


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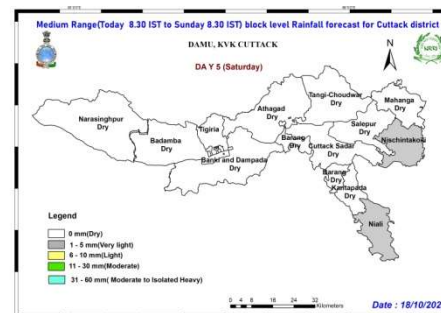
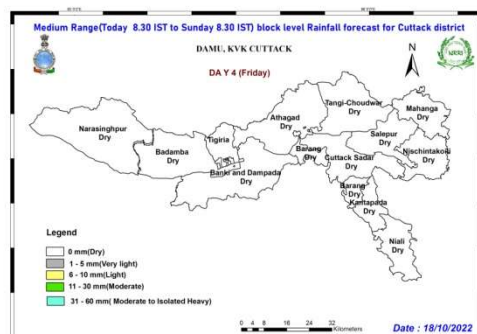
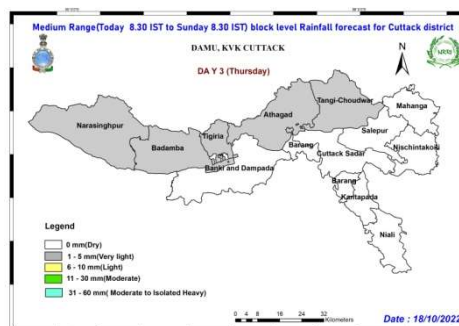
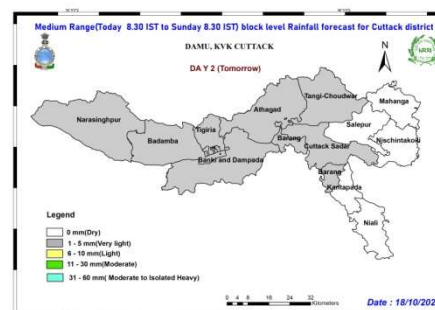
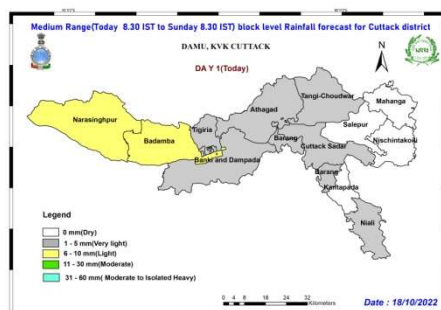


**Bulletin No.-340**  
**Date- 18/10/2022**

**Past week (11-17 Oct, 2022) cumulative rainfall departure% from normal and (12-18 Oct, 2022) average maximum and minimum temperature 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.-340**  
**Date- 18/10/2022**

Met Sub division	Extended range outlook for subsequent 1 week (6 <sup>th</sup> to 12 <sup>th</sup> days) (23-29 October 2022)		
Odisha	<i>Parameter</i>	<i>Departure (%)</i>	<i>Category</i>
	Rainfall	27.17	Above Normal
	<i>Parameter</i>	<i>Anomaly</i>	<i>Category</i>
	Maximum temperature	-0.29	Normal
	Minimum temperature	0.54	Normal

**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 harvesting of Early sown Kharif rice(If they are 80% physiological maturity stage) Maize, Black and green gram, Groundnut and other kharif vegetables before the subsequent week and should make proper drainage system to drainout excess water from vegetable field and also are advised to stop irrigation activities in the subsequent week after 5 days..

**Dr Sujata Sethy**  
**(Nodal officer)**



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**Bulletin No.-340**  
**Date- 18/10/2022**

**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		Stem/Foot rot
				Brown plant hopper
				Gall mildge
				Gundhi bug
				Mealy bug
				Whorle maggot
2	Sugarcane	7-8 month old		Mealy bug
				Scales
				White fly
				Top rot
3	Maize	Cob initiation		Aphid/thrips

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				<b>Stem borer</b>
<b>4</b>	<b>Vegetables</b>			<b>Aphid</b>
				<b>Leaf hopper</b>
				<b>White fly</b>
	<b>Pre rabi Cabbage/Cauliflower</b>	<b>Seedling to vegetative Stage</b>		<b>Damping off</b>
				<b>White fly</b>
				<b>Tobacco caterpillar</b>

**Dr Sujata Sethy**  
 (Nodal officer)



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**Bulletin No.-340**  
**Date- 18/10/2022**

**AGROMET ADVISORY BULLETIN FOR ATHAGAD**

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

The block received average 04mm and district received average 04mm rainfall during the last week. The mean daily maximum and minimum temperature was 33.2°C (-0.6) and 24.5°C (+2), respectively. The mean relative humidity was 80-86%.

**Forecasted period: Today(8.30IST) to 23<sup>th</sup> October(8.30IST)2022**

**Weather advisory:** *Very light rainfall is forecasted for upcoming 3 days and dry weather is forecasted for other 2 days in the block.* The day temperature will be 31-33°C and night temperature will be 21-24°C for upcoming 5 days. Maximum and minimum relative humidity will be 73-89% and 49-58% respectively. **There will be clear to partly cloudy sky for next 5 days.**

Block	Athagad (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	18/10/2022	19/10/2022	20/10/2022	21/10/2022	22/10/2022
Rainfall (mm)	4	3	1	0	0
T-Max (°C)	33	32	32	32	31
T-Min (°C)	23	23	23	21	24
Cloud Cover (octa)	2	1	0	6	8
RH Max (%)	82	89	87	75	73
RH Min (%)	58	58	57	49	50
Wind Speed (kmph)	7	8	9	9	10
Wind Direction (deg)	101	75	60	345	34

**Agromet Advisory**

**General advisory:**

Now the weather, soil moisture and 25-26°C soil temperature are optimum for land preparation and nursery sowing of cauliflower, cabbage, knolkhol and radish. Fully decomposed FYM or compost should be added before sowing of vegetable. Transplant 35-40 days old seedlings in the main field. Farmers should resume irrigation, fertilizer and pesticide application from today onwards due to forecast of dry weather. Farmers may start harvesting of matured early sown short duration paddy from today onwards if they are at 85% physiological maturity stage.

**Kharif Rice**

Maintain about 5-10cm standing water during panicle initiation to flowering stage and drain out excess water.

**Weather based Disease and pest of rice**

Due to slight increase in temperature and clear weather favors infestation of **Mealy bug and Whorle maggot** in rice. If it will be found spray Buprofezin (25 SC) @200 ml/ or Thiomethoxum (25%WG) @40 g/200 lit of water for 1 acre to control mealy bug and spray Fipronil 5% SC400 ml in 200 liter water to control Whorle maggot.

- If **Brown Plant Hopper (BPH) infestation** will observe in rice, go for alternate wetting and drying. Make a gap after 8 to 10 rows for entry of sunlight and air. Whenever the number of hoppers/hill reaches 5-10, spray Pymetrozine 50% WG @ 120 g or Buprofezin 25% SC @ 330 ml or Imidacloprid 17.8% SL @ 50 ml per acre in the base of the plant. Before spraying remove water from the field.
- In **Gall midge** affected due to continuous cloudy and rainy weather in late transplanted rice apply Thiamethoxam 25% WG @ 40g/acre or Fipronil 5% SC @ 400ml/acre or Chlorpyrifos 20EC @500ml/acre to manage the pest.

Due to water logging situation in Cuttack district as well as in the blocks **sheath blight** will be found in early transplanted rice then apply carbendazim 2g/ltr or propiconazole 1ml/ltr of water. In case of **Foot rot**, spray the basal portion of the crop with 0.4% mancozeb or 0.2% carbendazim after drying the weather. **Chances of gundhi bug incidence for crop at flowering stage. If observe spray Ethofenoprox 10% EC @ 1 ml/litre of water.**

**Maize:**

- Maize is at cob development and harvesting stage. Harvest the matured maize in dry days based upon forecast of rain. There may be Aphids and Thrips infestation, then Imidacloprid 17.8 SL 50 ml or Thiamethoxam 40 gram in 200ltr water for one acre. To control stem borer apply fipronil 5SC 400ml/acre in 200 liter water.
- VEGETABLES:** Now the weather and soil moisture is optimum for land preparation and nursery sowing of cauliflower, cabbage, knolkhol and radish. 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.

**Dr Sujata Sethy**  
**(Nodal officer)**



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**Bulletin No.-340**  
**Date- 18/10/2022**

**AGROMET ADVISORY BULLETIN FOR BADAMBA**

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

The block received average 2mm and district received average 04mm rainfall during the last week. The mean daily maximum and minimum temperature was 33.2°C (-0.6) and 24.5°C (+2), respectively. The mean relative humidity was 80-86%.

**Forecasted period: Today(8.30IST) to 23<sup>th</sup> October(8.30IST)2022**

**Weather advisory:** Very light to light rainfall is forecasted for upcoming 3 days and dry weather is forecasted for other 2 days 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 75-90% and 49-60% respectively. There will be clear to partly cloudy sky for next 5 days.

Block	Badamba (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	18/10/2022	19/10/2022	20/10/2022	21/10/2022	22/10/2022
Rainfall(mm)	6	3	1	0	0
T-Max(°C)	33	32	32	32	31
T-Min(°C)	23	22	22	20	23
Cloud Cover(octa)	2	1	0	6	8
RH Max (%)	81	90	90	75	75
RH Min (%)	60	57	57	49	50
Wind Speed (Kmph)	6	7	8	8	8
Wind Direction (deg)	90	101	338	351	45

**Agromet Advisory**

**General advisory:**

Now the weather, soil moisture and 25-26°C soil temperature are optimum for land preparation and nursery sowing of cauliflower, cabbage, knolkhol and radish. Fully decomposed FYM or compost should be added before sowing of vegetable. Transplant 35-40 days old seedlings in the main field. Farmers should resume irrigation, fertilizer and pesticide application from today onwards due to forecast of dry weather. Farmers may start harvesting of matured early sown short duration paddy from today onwards if they are at 85% physiological maturity stage.

**Kharif Rice**

Maintain about 5-10cm standing water during panicle initiation to flowering stage and drain out excess water.

**Weather based Disease and pest of rice**

Due to slight increase in temperature and clear weather favors infestation of **Mealy bug and Whorle maggot** in rice. If it will be found spray Buprofezin (25 SC) @200 ml/ or Thiomethoxam (25%WG) @40 g/200 lit of water for 1 acre to control mealy bug and spray Fipronil 5% SC400 ml in 200 liter water to control Whorle maggot.

- If **Brown Plant Hopper (BPH)** infestation will observe in rice, go for alternate wetting and drying. Make a gap after 8 to 10 rows for entry of sunlight and air. Whenever the number of hoppers/hill reaches 5-10, spray Pymetrozine 50% WG @ 120 g or Buprofezin 25% SC @ 330 ml or Imidacloprid 17.8% SL @ 50 ml per acre in the base of the plant. Before spraying remove water from the field.
- In **Gall midge** affected due to continuous cloudy and rainy weather in late transplanted rice apply Thiamethoxam 25% WG @ 40g/acre or Fipronil 5% SC @ 400ml/acre or Chlorpyrifos 20EC @500ml/acre to manage the pest.
- Due to water logging situation in Cuttack district as well as in the blocks **sheath blight** will be found in early transplanted rice then apply carbendazim 2g/ltr or propiconazole 1ml/ltr of water. In case of **Foot rot**, spray the basal portion of the crop with 0.4% mancozeb or 0.2% carbendazim after drying the weather. **Chances of gundhi bug incidence for crop at flowering stage. If observe spray Ethofenprox 10% EC @ 1 ml/litre of water.**

**Maize:**

- Maize is at cob development and harvesting stage. Harvest the matured maize in dry days based upon forecast of rain. There may be Aphids and Thrips infestation, then Imidacloprid 17.8 SL 50 ml or Thiamethoxam 40 gram in 200lit water for one acre. To control stem borer apply fipronil 5SC 400ml/acre in 200 liter water.
- VEGETABLES:** Now the weather and soil moisture is optimum for land preparation and nursery sowing of cauliflower, cabbage, knolkhol and radish. 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.

**Dr Sujata Sethy**  
**(Nodal officer)**



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**Bulletin No.-340**  
**Date- 18/10/2022**

**AGROMET ADVISORY BULLETIN FOR BANKI**

**District Past week average weather condition**

The district received average 04mm rainfall during the last week. The mean daily maximum and minimum temperature was 33.2°C (-0.6) and 24.5°C (+2), respectively. The mean relative humidity was 80-86%.

**Forecasted period: Today(8.30IST) to 23<sup>th</sup> October(8.30IST)2022**

**Weather advisory:** *Very light rainfall is forecasted for upcoming 2 days and dry weather is forecasted for other 3 days in the block.* The day temperature will be 31-33°C and night temperature will be 21-23°C for upcoming 5 days. Maximum and minimum relative humidity will be 73-89% and 50-59% respectively. **There will be clear to partly cloudy sky for next 5 days.**

Block	Banki (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	18/10/2022	19/10/2022	20/10/2022	21/10/2022	22/10/2022
Rainfall(mm)	3	2	0	0	0
T-Max(°C)	33	32	32	32	31
T-Min(°C)	23	22	22	21	23
Cloud Cover(octa)	2	1	0	6	8
RH Max (%)	81	89	89	76	73
RH Min (%)	59	57	57	50	51
Wind Speed (Kmph)	7	8	9	9	10
Wind Direction (deg)	101	68	60	345	34

**Agromet Advisory**

**General advisory:**

**Now the weather, soil moisture and 25-26°C soil temperature are optimum for land preparation and nursery sowing of cauliflower, cabbage, knolkhol and radish. Fully decomposed FYM or compost should be added before sowing of vegetable. Transplant 35-40 days old seedlings in the main field. Farmers should resume irrigation, fertilizer and pesticide application from today onwards due to forecast of dry weather. Farmers may start harvesting of matured early sown short duration paddy from today onwards if they are at 85% physiological maturity stage.**

**Kharif Rice**

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**Weather based Disease and pest of rice**

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**Maize:**

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- 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 lit water.

**Dr Sujata Sethy**  
**(Nodal officer)**



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**Bulletin No.-340**  
**Date- 18/10/2022**

**AGROMET ADVISORY BULLETIN FOR BANKI-DAMPADA**

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

The block received average 0.1mm and district received average 04mm rainfall during the last week. The mean daily maximum and minimum temperature was 33.2°C (-0.6) and 24.5°C (+2), respectively. The mean relative humidity was 80-86%.

**Forecasted period: Today(8.30IST) to 23<sup>th</sup> October(8.30IST)2022**

**Weather Advisory:** Very light rainfall is forecasted for upcoming 2 days and dry weather is forecasted for other 3 days in the block. The day temperature will be 31-33°C and night temperature will be 21-23°C for upcoming 5 days. Maximum and minimum relative humidity will be 73-89% and 50-59% respectively. There will be clear to partly cloudy sky for next 5 days.

Block	Banki-Dampada (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	18/10/2022	19/10/2022	20/10/2022	21/10/2022	22/10/2022
Rainfall(mm)	3	2	0	0	0
T-Max(°C)	33	32	32	32	31
T-Min(°C)	23	22	22	21	23
Cloud Cover(octa)	2	1	0	6	8
RH Max (%)	81	88	89	76	73
RH Min (%)	59	57	57	50	51
Wind Speed (Kmph)	7	8	9	9	10
Wind Direction (deg)	75	68	60	345	34

**Agromet Advisory**

**General advisory:**

Now the weather, soil moisture and 25-26°C soil temperature are optimum for land preparation and nursery sowing of cauliflower, cabbage, knolkhol and radish. Fully decomposed FYM or compost should be added before sowing of vegetable. Transplant 35-40 days old seedlings in the main field. Farmers should resume irrigation, fertilizer and pesticide application from today onwards due to forecast of dry weather. Farmers may start harvesting of matured early sown short duration paddy from today onwards if they are at 85% physiological maturity stage.

**Kharif Rice**

Maintain about 5-10cm standing water during panicle initiation to flowering stage and drain out excess water.

**Weather based Disease and pest of rice**

Due to slight increase in temperature and clear weather favors infestation of **Mealy bug and Whorle maggot** in rice. If it will be found spray Buprofezin (25 SC) @ 200 ml/ or Thiomethoxum (25%WG) @ 40 g/200 lit of water for 1 acre to control mealy bug and spray Fipronil 5% SC 400 ml in 200 liter water to control Whorle maggot.

- If **Brown Plant Hopper (BPH)** infestation will observe in rice, go for alternate wetting and drying. Make a gap after 8 to 10 rows for entry of sunlight and air. Whenever the number of hoppers/hill reaches 5-10, spray Pymetrozine 50% WG @ 120 g or Buprofezin 25% SC @ 330 ml or Imidacloprid 17.8% SL @ 50 ml per acre in the base of the plant. Before spraying remove water from the field.
  - In **Gall midge** affected due to continuous cloudy and rainy weather in late transplanted rice apply Thiamethoxam 25% WG @ 40g/acre or Fipronil 5% SC @ 400ml/acre or Chlorpyrifos 20EC @ 500ml/acre to manage the pest.
- Due to water logging situation in Cuttack district as well as in the blocks **sheath blight** will be found in early transplanted rice then apply carbendazim 2g/ltr or propiconazole 1ml/ltr of water. In case of **Foot rot**, spray the basal portion of the crop with 0.4% mancozeb or 0.2% carbendazim after drying the weather. **Chances of gundhi bug incidence for crop at flowering stage. If observe spray Ethofenprox 10% EC @ 1 ml/litre of water.**

**Maize:**

- Maize is at cob development and harvesting stage. Harvest the matured maize in dry days based upon forecast of rain. There may be Aphids and Thrips infestation, then Imidacloprid 17.8 SL 50 ml or Thiamethoxam 40 gram in 200 liter water for one acre. To control stem borer apply fipronil 5SC 400ml/acre in 200 liter water.
- VEGETABLES:** Now the weather and soil moisture is optimum for land preparation and nursery sowing of cauliflower, cabbage, knolkhol and radish. 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.

**Dr Sujata Sethy**  
**(Nodal officer)**



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**Bulletin No.-340**  
**Date- 18/10/2022**

**AGROMET ADVISORY BULLETIN FOR BARANGA**

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

The block received average 0.9 mm and district received average 04mm rainfall during the last week. The mean daily maximum and minimum temperature was 33.2°C (-0.6) and 24.5°C (+2), respectively. The mean relative humidity was 80-86%.

**Forecasted period: Today(8.30IST) to 23<sup>th</sup> October(8.30IST)2022**

**Weather advisory:** Very light rainfall is forecasted for upcoming 2 days and dry weather is forecasted for other 3 days in the block. The day temperature will be 31-34°C and night temperature will be 22-23°C for upcoming 5 days. Maximum and minimum relative humidity will be 72-87% and 51-59% respectively. There will be clear to partly cloudy sky for next 5 days.

Block	Baranga (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	18/10/2022	19/10/2022	20/10/2022	21/10/2022	22/10/2022
Rainfall(mm)	2	1	0	0	0
T-Max(°C)	34	33	32	32	31
T-Min(°C)	23	23	23	22	23
Cloud Cover	2	1	0	6	7
RH Max (%)	83	87	85	74	72
RH Min (%)	58	59	59	51	52
Wind Speed (Kmph)	8	9	11	11	13
Wind Direction (deg)	68	54	54	23	32

**Agromet Advisory**

**General advisory:**

Now the weather, soil moisture and 25-26°C soil temperature are optimum for land preparation and nursery sowing of cauliflower, cabbage, knolkhol and radish. Fully decomposed FYM or compost should be added before sowing of vegetable. Transplant 35-40 days old seedlings in the main field. Farmers should resume irrigation, fertilizer and pesticide application from today onwards due to forecast of dry weather. Farmers may start harvesting of matured early sown short duration paddy from today onwards if they are at 85% physiological maturity stage.

**Kharif Rice**

Maintain about 5-10cm standing water during panicle initiation to flowering stage and drain out excess water.

**Weather based Disease and pest of rice**

Due to slight increase in temperature and clear weather favors infestation of **Mealy bug and Whorle maggot** in rice. If it will be found spray Buprofezin (25 SC) @200 ml/ or Thiomethoxum (25%WG) @40 g/200 lit of water for 1 acre to control mealy bug and spray Fipronil 5% SC400 ml in 200 liter water to control Whorle maggot.

- If **Brown Plant Hopper (BPH)** infestation will observe in rice, go for alternate wetting and drying. Make a gap after 8 to 10 rows for entry of sunlight and air. Whenever the number of hoppers/hill reaches 5-10, spray Pymetrozine 50% WG @ 120 g or Buprofezin 25% SC @ 330 ml or Imidacloprid 17.8% SL @ 50 ml per acre in the base of the plant. Before spraying remove water from the field.
- In **Gall midge** affected due to continuous cloudy and rainy weather in late transplanted rice apply Thiamethoxam 25% WG @ 40g/acre or Fipronil 5% SC @ 400ml/acre or Chlorpyrifos 20EC @500ml/acre to manage the pest.

Due to water logging situation in Cuttack district as well as in the blocks **sheath blight** will be found in early transplanted rice then apply carbendazim 2g/ltr or propiconazole 1ml/ltr of water. In case of **Foot rot**, spray the basal portion of the crop with 0.4% mancozeb or 0.2% carbendazim after drying the weather. **Chances of gundhi bug incidence for crop at flowering stage. If observe spray Ethofenprox 10% EC @ 1 ml/litre of water.**

**Maize:** Maize is at cob development and harvesting stage. Harvest the matured maize in dry days based upon forecast of rain. There may be Aphids and Thrips infestation, then Imidacloprid 17.8 SL 50 ml or Thiamethoxam 40 gram in 200 liter water for one acre. To control stem borer apply fipronil 5SC 400ml/acre in 200 liter water.

- VEGETABLES:** Now the weather and soil moisture is optimum for land preparation and nursery sowing of cauliflower, cabbage, knolkhol and radish. 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.

**Dr Sujata Sethy**  
**(Nodal officer)**



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**Bulletin No.-340**  
**Date- 18/10/2022**

**AGROMET ADVISORY BULLETIN FOR CUTTACK SADAR**

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

The block received average 0.5mm and district received average 04mm rainfall during the last week. The mean daily maximum and minimum temperature was 33.2°C (-0.6) and 24.5°C (+2), respectively. The mean relative humidity was 80-86%.

**Forecasted period: Today(8.30IST) to 23<sup>th</sup> October(8.30IST)2022**

**Weather advisory:** *Very light rainfall is forecasted for upcoming 2 days and dry weather is forecasted for other 3 days in the block.* The day temperature will be 31-33°C and night temperature will be 22-24°C for upcoming 5 days. Maximum and minimum relative humidity will be 71-87% and 50-58% respectively. There will be clear to partly cloudy sky for next 5 days.

Block	Cuttack sadar (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	18/10/2022	19/10/2022	20/10/2022	21/10/2022	22/10/2022
Rainfall(mm)	1	1	0	0	0
T-Max(°C)	33	33	32	32	31
T-Min(°C)	23	23	23	22	24
Cloud Cover(octa)	2	1	0	6	7
RH Max (%)	83	87	84	74	71
RH Min (%)	57	58	58	50	51
Wind Speed (Kmph)	8	9	11	10	12
Wind Direction (deg)	68	54	54	23	45

**Agromet Advisory**

**General advisory:**

Now the weather, soil moisture and 25-26°C soil temperature are optimum for land preparation and nursery sowing of cauliflower, cabbage, knolkhol and radish. Fully decomposed FYM or compost should be added before sowing of vegetable. Transplant 35-40 days old seedlings in the main field. Farmers should resume irrigation, fertilizer and pesticide application from today onwards due to forecast of dry weather. Farmers may start harvesting of matured early sown short duration paddy from today onwards if they are at 85% physiological maturity stage.

**Kharif Rice**

Maintain about 5-10cm standing water during panicle initiation to flowering stage and drain out excess water.

**Weather based Disease and pest of rice**

Due to slight increase in temperature and clear weather favors infestation of **Mealy bug and Whorle maggot** in rice. If it will be found spray Buprofezin (25 SC) @200 ml/ or Thiomethoxum (25%WG) @40 g/200 lit of water for 1 acre to control mealy bug and spray Fipronil 5% SC400 ml in 200 liter water to control Whorle maggot.

- If **Brown Plant Hopper (BPH)** infestation will observe in rice, go for alternate wetting and drying. Make a gap after 8 to 10 rows for entry of sunlight and air. Whenever the number of hoppers/hill reaches 5-10, spray Pymetrozine 50% WG @ 120 g or Buprofezin 25% SC @ 330 ml or Imidacloprid 17.8% SL @ 50 ml per acre in the base of the plant. Before spraying remove water from the field.
  - In **Gall midge** affected due to continuous cloudy and rainy weather in late transplanted rice apply Thiamethoxam 25% WG @ 40g/acre or Fipronil 5% SC @ 400ml/acre or Chlorpyrifos 20EC @500ml/acre to manage the pest.
- Due to water logging situation in Cuttack district as well as in the blocks **sheath blight** will be found in early transplanted rice then apply carbendazim 2g/ltr or propiconazole 1ml/ltr of water. In case of **Foot rot**, spray the basal portion of the crop with 0.4% mancozeb or 0.2% carbendazim after drying the weather. **Chances of gundhi bug incidence for crop at flowering stage. If observe spray Ethofenprox 10% EC @ 1 ml/litre of water.**

**Sugarcane:**

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/ltr of water. To control mealy bug spray Imidacloprid 17.8 SL 50 ml or Thiamethoxam 40 gram in 200ltr water for one acre. To control scale insects apply Dimethoate 2ml/ltr water or methyl demeton 2ml/ltr water. To control white fly go for spraying of Thiamethoxam 40 gram in 200ltr 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.

- 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 litr water.

**Dr Sujata Sethy**  
**(Nodal officer)**



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**Bulletin No.-340**  
**Date- 18/10/2022**

**AGROMET ADVISORY BULLETIN FOR KANTAPADA**

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

**The block received average 12mm and district received average 04mm rainfall during the last week.** The mean daily maximum and minimum temperature was 33.2°C (-0.6) and 24.5°C (+2), respectively. The mean relative humidity was 80-86%.

**Forecasted period: Today(8.30IST) to 23<sup>th</sup> October(8.30IST)2022**

**Weather advisory: Dry weather is forecasted for upcoming 5 days in the block.** The day temperature will be 31-34°C and night temperature will be 21-23°C for upcoming 5 days. Maximum and minimum relative humidity will be 73-86% and 52-59% respectively. There will be clear to partly cloudy sky for next 5 days.

Block	Kantapada (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	18/10/2022	19/10/2022	20/10/2022	21/10/2022	22/10/2022
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	34	33	32	32	31
T-Min(°C)	23	23	22	21	23
Cloud Cover(octa)	3	2	1	7	7
RH Max (%)	83	86	83	73	74
RH Min (%)	57	58	59	52	53
Wind Speed (Kmph)	9	10	12	13	14
Wind Direction (deg)	34	54	32	23	24

**Agromet Advisory**

**General advisory:**

**Now the weather, soil moisture and 25-26°C soil temperature are optimum for land preparation and nursery sowing of cauliflower, cabbage, knolkhol and radish. Fully decomposed FYM or compost should be added before sowing of vegetable. Transplant 35-40 days old seedlings in the main field. Farmers should resume irrigation, fertilizer and pesticide application from today onwards due to forecast of dry weather. Farmers may start harvesting of matured early sown short duration paddy from today onwards if they are at 85% physiological maturity stage.**

**Kharif Rice**

Maintain about 5-10cm standing water during panicle initiation to flowering stage and drain out excess water.

**Weather based Disease and pest of rice**

Due to slight increase in temperature and clear weather favors infestation of **Mealy bug and Whorle maggot** in rice. If it will be found spray Buprofezin (25 SC) @200 ml/ or Thiomethoxum (25%WG) @40 g/200 lit of water for 1 acre to control mealy bug and spray Fipronil 5% SC400 ml in 200 liter water to control Whorle maggot.

- If **Brown Plant Hopper (BPH)** infestation will observe in rice, go for alternate wetting and drying. Make a gap after 8 to 10 rows for entry of sunlight and air. Whenever the number of hoppers/hill reaches 5-10, spray Pymetrozine 50% WG @ 120 g or Buprofezin 25% SC @ 330 ml or Imidacloprid 17.8% SL @ 50 ml per acre in the base of the plant. Before spraying remove water from the field.
- In **Gall midge** affected due to continuous cloudy and rainy weather in late transplanted rice apply Thiamethoxam 25% WG @ 40g/acre or Fipronil 5% SC @ 400ml/acre or Chlorpyrifos 20EC @500ml/acre to manage the pest.
- Due to water logging situation in Cuttack district as well as in the blocks **sheath blight** will be found in early transplanted rice then apply carbendazim 2g/ltr or propiconazole 1ml/ltr of water. In case of **Foot rot**, spray the basal portion of the crop with 0.4% mancozeb or 0.2% carbendazim after drying the weather. **Chances of gundhi bug incidence for crop at flowering stage. If observe spray Ethofenoprox 10% EC @ 1 ml/litre of water.**

**Sugarcane:**

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.**

- 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 litre water.

**Dr Sujata Sethy**  
**(Nodal officer)**



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**Bulletin No.-340**  
**Date- 18/10/2022**

**AGROMET ADVISORY BULLETIN FOR MAHANGA**

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

The block received average 5mm and district received average 04mm rainfall during the last week. The mean daily maximum and minimum temperature was 33.2°C (-0.6) and 24.5°C (+2), respectively. The mean relative humidity was 80-86%.

**Forecasted period: Today(8.30IST) to 23<sup>th</sup> October(8.30IST)2022**

**Weather advisory:** Dry weather is forecasted for upcoming 5 days in the block. The day temperature will be and it will be 31-33°C and night temperature will be 21-24°C for upcoming 5 days. Maximum and minimum relative humidity will be 72-86% and 50-59% respectively.

There will be clear to partly cloudy sky for next 5 days.

Block	Mahanga (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	18/10/2022	19/10/2022	20/10/2022	21/10/2022	22/10/2022
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	33	33	32	32	31
T-Min(°C)	23	23	22	21	24
Cloud Cover(octal)	2	1	0	7	7
RH Max (%)	81	86	81	72	72
RH Min (%)	56	59	59	50	51
Wind Speed (Kmph)	9	10	12	13	13
Wind Direction (deg)	23	45	54	23	27

**Agromet Advisory**

**General advisory:**

Now the weather, soil moisture and 25-26°C soil temperature are optimum for land preparation and nursery sowing of cauliflower, cabbage, knolkhol and radish. Fully decomposed FYM or compost should be added before sowing of vegetable. Transplant 35-40 days old seedlings in the main field. Farmers should resume irrigation, fertilizer and pesticide application from today onwards due to forecast of dry weather. Farmers may start harvesting of matured early sown short duration paddy from today onwards if they are at 85% physiological maturity stage.

**Kharif Rice**

Maintain about 5-10cm standing water during panicle initiation to flowering stage and drain out excess water.

**Weather based Disease and pest of rice**

Due to slight increase in temperature and clear weather favors infestation of **Mealy bug and Whorle maggot** in rice. If it will be found spray Buprofezin (25 SC) @200 ml/ or Thiomethoxum (25%WG) @40 g/200 lit of water for 1 acre to control mealy bug and spray Fipronil 5% SC400 ml in 200 liter water to control Whorle maggot.

- If **Brown Plant Hopper (BPH)** infestation will observe in rice, go for alternate wetting and drying. Make a gap after 8 to 10 rows for entry of sunlight and air. Whenever the number of hoppers/hill reaches 5-10, spray Pymetrozine 50% WG @ 120 g or Buprofezin 25% SC @ 330 ml or Imidacloprid 17.8% SL @ 50 ml per acre in the base of the plant. Before spraying remove water from the field.
  - In **Gall midge** affected due to continuous cloudy and rainy weather in late transplanted rice apply Thiamethoxam 25% WG @ 40g/acre or Fipronil 5% SC @ 400ml/acre or Chlorpyrifos 20EC @500ml/acre to manage the pest.
- Due to water logging situation in Cuttack district as well as in the blocks **sheath blight** will be found in early transplanted rice then apply carbendazim 2g/ltr or propiconazole 1ml/ltr of water. In case of **Foot rot**, spray the basal portion of the crop with 0.4% mancozeb or 0.2% carbendazim after drying the weather. **Chances of gundhi bug incidence for crop at flowering stage. If observe spray Ethofenoprox 10% EC @ 1 ml/litre of water.**

• **Sugarcane:**

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/ltr of water. To control mealy bug spray Imidacloprid 17.8 SL 50 ml or Thiamethoxam 40 gram in 200ltr water for one acre. To control scale insects apply Dimethoate 2ml/ltr water or methyl demeton 2ml/ltr water. To control white fly go for spraying of Thiamethoxam 40 gram in 200ltr 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.

- 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.

**Dr Sujata Sethy**  
**(Nodal officer)**



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**Bulletin No.-340**  
**Date- 18/10/2022**

**AGROMET ADVISORY BULLETIN FOR NARASINGHPUR**

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

The block received average 3mm and district received average 04mm rainfall during the last week. The mean daily maximum and minimum temperature was 33.2°C (-0.6) and 24.5°C (+2), respectively. The mean relative humidity was 80-86%.

**Forecasted period: Today(8.30IST) to 23<sup>th</sup> October(8.30IST)2022**

**Weather advisory:** Very light to light rainfall is forecasted for upcoming 3 days and dry weather is forecasted for other 2 days in the block. The day temperature will be 30-33°C and night temperature will be 20-22°C for upcoming 5 days. Maximum and minimum relative humidity will be 74-92% and 46-58% respectively. There will be clear to partly cloudy sky for next 5 days.

Block	Narasinghpur (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	18/10/2022	19/10/2022	20/10/2022	21/10/2022	22/10/2022
Rainfall(mm)	6	4	2	0	0
T-Max(°C)	33	31	31	31	30
T-Min(°C)	22	22	22	20	22
Cloud Cover(octa)	3	1	0	5	8
RH Max (%)	83	91	92	74	77
RH Min (%)	58	56	55	46	48
Wind Speed (Kmph)	4	5	6	7	6
Wind Direction (deg)	79	90	338	351	11

**Agromet Advisory**

**General advisory:**

Now the weather, soil moisture and 25-26°C soil temperature are optimum for land preparation and nursery sowing of cauliflower, cabbage, knolkhol and radish. Fully decomposed FYM or compost should be added before sowing of vegetable. Transplant 35-40 days old seedlings in the main field. Farmers should resume irrigation, fertilizer and pesticide application from today onwards due to forecast of dry weather. Farmers may start harvesting of matured early sown short duration paddy from today onwards if they are at 85% physiological maturity stage.

**Kharif Rice**

Maintain about 5-10cm standing water during panicle initiation to flowering stage and drain out excess water.

**Weather based Disease and pest of rice**

Due to slight increase in temperature and clear weather favors infestation of **Mealy bug and Whorle maggot** in rice. If it will be found spray Buprofezin (25 SC) @200 ml/ or Thiomethoxum (25%WG) @40 g/200 lit of water for 1 acre to control mealy bug and spray Fipronil 5% SC400 ml in 200 liter water to control Whorle maggot.

- If **Brown Plant Hopper (BPH)** infestation will observe in rice, go for alternate wetting and drying. Make a gap after 8 to 10 rows for entry of sunlight and air. Whenever the number of hoppers/hill reaches 5-10, spray Pymetrozine 50% WG @ 120 g or Buprofezin 25% SC @ 330 ml or Imidacloprid 17.8% SL @ 50 ml per acre in the base of the plant. Before spraying remove water from the field.
- In **Gall midge** affected due to continuous cloudy and rainy weather in late transplanted rice apply Thiamethoxam 25% WG @ 40g/acre or Fipronil 5% SC @ 400ml/acre or Chlorpyrifos 20EC @500ml/acre to manage the pest.
- Due to water logging situation in Cuttack district as well as in the blocks **sheath blight** will be found in early transplanted rice then apply carbendazim 2g/ltr or propiconazole 1ml/ltr of water. In case of **Foot rot**, spray the basal portion of the crop with 0.4% mancozeb or 0.2% carbendazim after drying the weather. **Chances of gundhi bug incidence for crop at flowering stage. If observe spray Ethofenprox 10% EC @ 1 ml/litre of water.**

**Maize:**

- Maize is at cob development and harvesting stage. Harvest the matured maize in dry days based upon forecast of rain. There may be Aphids and Thrips infestation, then Imidacloprid 17.8 SL 50 ml or Thiamethoxam 40 gram in 200lit water for one acre. To control stem borer apply fipronil 5SC 400ml/acre in 200 liter water.
- VEGETABLES:** Now the weather and soil moisture is optimum for land preparation and nursery sowing of cauliflower, cabbage, knolkhol and radish. Fully decomposed FYM or compost should be added before sowing of vegetable. Before seedbed preparation of winter vegetables proper seed treatment should be required. Seed treatment should be done with Trichoderma viride @ 5 gm/lit. of water or, Mancozeb 75% W.P. @ 2.5 gm/lit. of water.
- Transplant Cauliflower seedlings in the main field. In case of Cauliflower in this dry days before transplanting during final land preparation apply 8-10 ton FYM per acre and fertilizer like N:P:K each 25-30 Kg/acre should be applied. Short duration Cauliflower varieties (5-6 weeks) should be transplanted at distance 60cm×30cm and medium and late duration varieties (3-4 week seedlings) should be transplanted at 60-75cm×40-45cm distance.
- Undertake planting of **potato crop** on ridge after probable rain; 12 quintal seeds 14 (germinated tubers of 20- 30 g each), 40 kg Urea, 70 kg D.A.P., 80 kg MOP and 10 kg Sulphur are required for cultivation in 1 acre.
- Sow the seeds of **tomato** in nursery bed; farmers who have already raised the seedlings, may transplant them at a distance of 60 cm (row to row) and 40 cm (plant to plant) for HYV and for hybrid variety maintain the distance 60 x 60 cm.
- Monitor for sucking insect pests such as **white fly, leaf hopper and aphid** in vegetables nursery; to control, spray Imidacloprid @ 0.3ml/litre of water. Carry out transplanting of brinjal, tomato and chilli on raised bed.
- To prevent **damping off disease** in cabbage/Cauliflower nursery, treat 1 kg of seeds with 2-3 g Captan 75% WS or 2 g Carbendazim 50% WP before sowing; after sowing, drench the bed soil with 3 g Metalaxyl M 4% + Mancozeb 64% WP mixed in 1 litre of water. If **whitefly** will found in vegetative stage then to control spray Imidacloprid @ 0.3ml/litre of water. The dry weather favors infestation of **Tobacco caterpillar**, to control this apply 1ml/10 liter water.

**Dr Sujata Sethy**  
**(Nodal officer)**



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**Bulletin No.-340**  
**Date- 18/10/2022**

**AGROMET ADVISORY BULLETIN FOR NIALI**

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

The block received average 1.3mm and district received average 04mm rainfall during the last week. The mean daily maximum and minimum temperature was 33.2°C (-0.6) and 24.5°C (+2), respectively. The mean relative humidity was 80-86%.

**Forecasted period: Today(8.30IST) to 23<sup>th</sup> October(8.30IST)2022**

**Weather advisory:** Very light rainfall is forecasted for today and Saturday and dry weather is forecasted for other 3 days 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 72-86% and 52-59% respectively. There will be clear to partly cloudy sky for next 5 days.

Block	Niali (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	18/10/2022	19/10/2022	20/10/2022	21/10/2022	22/10/2022
Rainfall(mm)	2	0	0	0	5
T-Max(°C)	34	33	32	32	32
T-Min(°C)	23	23	22	21	24
Cloud Cover(octa)	3	2	1	7	7
RH Max (%)	84	86	81	72	76
RH Min (%)	57	58	59	52	54
Wind Speed(Kmph)	10	11	13	14	15
Wind Direction(deg)	34	54	27	27	24

**Agromet Advisory**

**General advisory:**

Now the weather, soil moisture and 25-26°C soil temperature are optimum for land preparation and nursery sowing of cauliflower, cabbage, knolkhol and radish. Fully decomposed FYM or compost should be added before sowing of vegetable. Transplant 35-40 days old seedlings in the main field. Farmers should resume irrigation, fertilizer and pesticide application from today onwards due to forecast of dry weather. Farmers may start harvesting of matured early sown short duration paddy from today onwards if they are at 85% physiological maturity stage.

**Kharif Rice**

Maintain about 5-10cm standing water during panicle initiation to flowering stage and drain out excess water.

**Weather based Disease and pest of rice**

Due to slight increase in temperature and clear weather favors infestation of **Mealy bug and Whorle maggot** in rice. If it will be found spray Buprofezin (25 SC) @200 ml/ or Thiomethoxum (25%WG) @40 g/200 lit of water for 1 acre to control mealy bug and spray Fipronil 5% SC400 ml in 200 liter water to control Whorle maggot.

- If **Brown Plant Hopper (BPH) infestation** will observe in rice, go for alternate wetting and drying. Make a gap after 8 to 10 rows for entry of sunlight and air. Whenever the number of hoppers/hill reaches 5-10, spray Pymetrozine 50% WG @ 120 g or Buprofezin 25% SC @ 330 ml or Imidacloprid 17.8% SL @ 50 ml per acre in the base of the plant. Before spraying remove water from the field.
  - In **Gall midge** affected due to continuous cloudy and rainy weather in late transplanted rice apply Thiamethoxam 25% WG @ 40g/acre or Fipronil 5% SC @ 400ml/acre or Chlorpyrifos 20EC @500ml/acre to manage the pest.
- Due to water logging situation in Cuttack district as well as in the blocks **sheath blight** will be found in early transplanted rice then apply carbendazim 2g/ltr or propiconazole 1ml/ltr of water. In case of **Foot rot**, spray the basal portion of the crop with 0.4% mancozeb or 0.2% carbendazim after drying the weather. **Chances of gundhi bug incidence for crop at flowering stage. If observe spray Ethofenprox 10% EC @ 1 ml/litre of water.**

**Sugarcane:**

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.

- 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 litre water.

**Dr Sujata Sethy**  
**(Nodal officer)**



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**Bulletin No.-340**  
**Date- 18/10/2022**

**AGROMET ADVISORY BULLETIN FOR NISCHINTAKOILI**  
**District Past week average weather condition and Block past week average Rainfall condition**

**The block received average 9mm and district received average 04mm rainfall during the last week.** The mean daily maximum and minimum temperature was 33.2°C (-0.6) and 24.5°C (+2), respectively. The mean relative humidity was 80-86%.

**Forecasted period: Today(8.30IST) to 23<sup>th</sup> October(8.30IST)2022**

**Weather advisory: Very light rainfall is forecasted for Saturday and dry weather is forecasted for other 4 days in the block.** The day temperature will be 31-33°C and night temperature will be 21-24°C for upcoming 5 days. Maximum and minimum relative humidity will be 72-86% and 51-59% respectively. **There will be clear to partly cloudy sky for next 5 days.**

Block	Nischintakoili (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	18/10/2022	19/10/2022	20/10/2022	21/10/2022	22/10/2022
Rainfall(mm)	0	0	0	0	5
T-Max(°C)	33	33	32	32	31
T-Min(°C)	23	23	22	21	24
Cloud Cover(octa)	2	1	0	7	7
RH Max (%)	82	86	82	72	73
RH Min (%)	56	59	59	51	52
Wind Speed (Kmph)	9	10	12	13	14
Wind Direction (deg)	27	54	34	26	24

**Agromet Advisory**

**General advisory:**

**Now the weather, soil moisture and 25-26°C soil temperature are optimum for land preparation and nursery sowing of cauliflower, cabbage, knolkhol and radish. Fully decomposed FYM or compost should be added before sowing of vegetable. Transplant 35-40 days old seedlings in the main field. Farmers should resume irrigation, fertilizer and pesticide application from today onwards due to forecast of dry weather. Farmers may start harvesting of matured early sown short duration paddy from today onwards if they are at 85% physiological maturity stage.**

**Kharif Rice**

**Maintain about 5-10cm standing water during panicle initiation to flowering stage and drain out excess water.**

**Weather based Disease and pest of rice**

Due to slight increase in temperature and clear weather favors infestation of **Mealy bug and Whorle maggot** in rice. If it will be found spray Buprofezin (25 SC) @200 ml/ or Thiomethoxum (25%WG) @40 g/200 lit of water for 1 acre to control mealy bug and spray Fipronil 5% SC400 ml in 200 liter water to control Whorle maggot.

- If **Brown Plant Hopper (BPH)** infestation will observe in rice, go for alternate wetting and drying. Make a gap after 8 to 10 rows for entry of sunlight and air. Whenever the number of hoppers/hill reaches 5-10, spray Pymetrozine 50% WG @ 120 g or Buprofezin 25% SC @ 330 ml or Imidacloprid 17.8% SL @ 50 ml per acre in the base of the plant. Before spraying remove water from the field.
  - In **Gall midge** affected due to continuous cloudy and rainy weather in late transplanted rice apply Thiamethoxam 25% WG @ 40g/acre or Fipronil 5% SC @ 400ml/acre or Chlorpyrifos 20EC @500ml/acre to manage the pest.
- Due to water logging situation in Cuttack district as well as in the blocks **sheath blight** will be found in early transplanted rice then apply carbendazim 2g/ltr or propiconazole 1ml/ltr of water. In case of **Foot rot**, spray the basal portion of the crop with 0.4% mancozeb or 0.2% carbendazim after drying the weather. **Chances of gundhi bug incidence for crop at flowering stage. If observe spray Ethofenprox 10% EC @ 1 ml/litre of water.**

• **Sugarcane:**

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/ltr of water. To control mealy bug spray Imidacloprid 17.8 SL 50 ml or Thiamethoxam 40 gram in 200ltr water for one acre. To control scale insects apply Dimethoate 2ml/ltr water or methyl demeton 2ml/ltr water. To control white fly go for spraying of Thiamethoxam 40 gram in 200ltr 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.**

- 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 litr water.

**Dr Sujata Sethy**  
**(Nodal officer)**



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**Bulletin No.-340**  
**Date- 18/10/2022**

**AGROMET ADVISORY BULLETIN FOR SALEPUR**

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

**The block received average 7mm and district received average 04mm rainfall during the last week.** The mean daily maximum and minimum temperature was 33.2°C (-0.6) and 24.5°C (+2), respectively. The mean relative humidity was 80-86%.

**Forecasted period: Today(8.30IST) to 23<sup>th</sup> October(8.30IST)2022**

**Weather advisory: Dry weather is forecasted for upcoming 5 days in the block.** The day temperature will be 31-33°C and night temperature will be 22-24°C for upcoming 5 days. Maximum and minimum relative humidity will be 72-86% and 51-59% respectively. **There will be clear to partly cloudy sky for next 5 days.**

Block	Salepur (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	18/10/2022	19/10/2022	20/10/2022	21/10/2022	22/10/2022
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	33	33	32	32	31
T-Min(°C)	23	23	22	22	24
Cloud Cover(octa)	2	1	0	7	7
RH Max (%)	82	86	82	72	72
RH Min (%)	56	59	59	51	52
Wind Speed (Kmph)	9	10	12	13	14
Wind Direction (deg)	45	54	54	27	32

**Agromet Advisory**

**General advisory:**

**Now the weather, soil moisture and 25-26°C soil temperature are optimum for land preparation and nursery sowing of cauliflower, cabbage, knolkhol and radish. Fully decomposed FYM or compost should be added before sowing of vegetable. Transplant 35-40 days old seedlings in the main field. Farmers should resume irrigation, fertilizer and pesticide application from today onwards due to forecast of dry weather. Farmers may start harvesting of matured early sown short duration paddy from today onwards if they are at 85% physiological maturity stage.**

**Kharif Rice**

**Maintain about 5-10cm standing water during panicle initiation to flowering stage and drain out excess water.**

**Weather based Disease and pest of rice**

Due to slight increase in temperature and clear weather favors infestation of **Mealy bug and Whorle maggot** in rice. If it will be found spray Buprofezin (25 SC) @200 ml/ or Thiomethoxam (25%WG) @40 g/200 lit of water for 1 acre to control mealy bug and spray Fipronil 5% SC400 ml in 200 liter water to control Whorle maggot.

- If **Brown Plant Hopper (BPH) infestation** will observe in rice, go for alternate wetting and drying. Make a gap after 8 to 10 rows for entry of sunlight and air. Whenever the number of hoppers/hill reaches 5-10, spray Pymetrozine 50% WG @ 120 g or Buprofezin 25% SC @ 330 ml or Imidacloprid 17.8% SL @ 50 ml per acre in the base of the plant. Before spraying remove water from the field.
  - In **Gall midge** affected due to continuous cloudy and rainy weather in late transplanted rice apply Thiamethoxam 25% WG @ 40g/acre or Fipronil 5% SC @ 400ml/acre or Chlorpyrifos 20EC @500ml/acre to manage the pest.
- Due to water logging situation in Cuttack district as well as in the blocks **sheath blight** will be found in early transplanted rice then apply carbendazim 2g/ltr or propiconazole 1ml/ltr of water. In case of **Foot rot** spray the basal portion of the crop with 0.4% mancozeb or 0.2% carbendazim after drying the weather. **Chances of gundhi bug incidence for crop at flowering stage. If observe spray Ethofenprox 10% EC @ 1 ml/litre of water.**

**Maize:**

- Maize is at cob development and harvesting stage. Harvest the matured maize in dry days based upon forecast of rain. There may be Aphids and Thrips infestation, then Imidacloprid 17.8 SL 50 ml or Thiamethoxam 40 gram in 200ltr water for one acre. To control stem borer apply fipronil 5% SC 400ml/acre in 200 liter water.
- **VEGETABLES: Now the weather and soil moisture is optimum for land preparation and nursery sowing of cauliflower, cabbage, knolkhol and radish.** 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.

**Dr Sujata Sethy**  
**(Nodal officer)**



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**Bulletin No.-340**  
**Date- 18/10/2022**

**AGROMET ADVISORY BULLETIN FOR TANGI-CHOUDWAR**

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

The block received average 4mm and district received average 04mm rainfall during the last week. The mean daily maximum and minimum temperature was 33.2°C (-0.6) and 24.5°C (+2), respectively. The mean relative humidity was 80-86%.

**Forecasted period: Today(8.30IST) to 23<sup>th</sup> October(8.30IST)2022**

**Weather advisory:** Very light rainfall is forecasted for upcoming 3 days and dry weather is forecasted for other 2 days in the block. The day temperature will be 31-32°C and night temperature will be 23-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 69-84% and 54-62% respectively. There will be clear to partly cloudy sky for next 5 days.

Block	Tangi-Choudwar (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	18/10/2022	19/10/2022	20/10/2022	21/10/2022	22/10/2022
Rainfall(mm)	2	1	1	0	0
T-Max(°C)	32	31	31	31	31
T-Min(°C)	24	24	24	23	26
Cloud Cover(octa)	3	1	1	7	8
RH Max (%)	83	84	75	69	77
RH Min (%)	56	62	60	54	57
Wind Speed (Kmph)	12	13	17	18	18
Wind Direction (deg)	45	45	26	23	27

**Agromet Advisory**

**General advisory:**

Now the weather, soil moisture and 25-26°C soil temperature are optimum for land preparation and nursery sowing of cauliflower, cabbage, knolkhol and radish. Fully decomposed FYM or compost should be added before sowing of vegetable. Transplant 35-40 days old seedlings in the main field. Farmers should resume irrigation, fertilizer and pesticide application from today onwards due to forecast of dry weather. Farmers may start harvesting of matured early sown short duration paddy from today onwards if they are at 85% physiological maturity stage.

**Kharif Rice**

Maintain about 5-10cm standing water during panicle initiation to flowering stage and drain out excess water.

**Weather based Disease and pest of rice**

Due to slight increase in temperature and clear weather favors infestation of **Mealy bug and Whorle maggot** in rice. If it will be found spray Buprofezin (25 SC) @ 200 ml/ or Thiomethoxam (25%WG) @ 40 g/200 lit of water for 1 acre to control mealy bug and spray Fipronil 5% SC 400 ml in 200 liter water to control Whorle maggot.

- If **Brown Plant Hopper (BPH)** infestation will observe in rice, go for alternate wetting and drying. Make a gap after 8 to 10 rows for entry of sunlight and air. Whenever the number of hoppers/hill reaches 5-10, spray Pymetrozine 50% WG @ 120 g or Buprofezin 25% SC @ 330 ml or Imidacloprid 17.8% SL @ 50 ml per acre in the base of the plant. Before spraying remove water from the field.
  - In **Gall midge** affected due to continuous cloudy and rainy weather in late transplanted rice apply Thiamethoxam 25% WG @ 40g/acre or Fipronil 5% SC @ 400ml/acre or Chlorpyrifos 20EC @ 500ml/acre to manage the pest.
- Due to water logging situation in Cuttack district as well as in the blocks **sheath blight** will be found in early transplanted rice then apply carbendazim 2g/ltr or propiconazole 1ml/ltr of water. In case of **Foot rot** spray the basal portion of the crop with 0.4% mancozeb or 0.2% carbendazim after drying the weather. **Chances of gundhi bug incidence for crop at flowering stage. If observe spray Ethofenprox 10% EC @ 1 ml/litre of water.**

**Maize:**

- Maize is at cob development and harvesting stage. Harvest the matured maize in dry days based upon forecast of rain. There may be Aphids and Thrips infestation, then Imidacloprid 17.8 SL 50 ml or Thiamethoxam 40 gram in 200 liter water for one acre. To control stem borer apply fipronil 5% SC 400ml/acre in 200 liter water.
- VEGETABLES:** Now the weather and soil moisture is optimum for land preparation and nursery sowing of cauliflower, cabbage, knolkhol and radish. 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.

**Dr Sujata Sethy**  
**(Nodal officer)**



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**Bulletin No.-340**  
**Date- 18/10/2022**

**AGROMET ADVISORY BULLETIN FOR TIGIRIA**

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

The block received average 2mm and district received average 04mm rainfall during the last week. The mean daily maximum and minimum temperature was 33.2°C (-0.6) and 24.5°C (+2), respectively. The mean relative humidity was 80-86%.

**Forecasted period: Today(8.30IST) to 23<sup>th</sup> October(8.30IST)2022**

**Weather advisory:** Very light rainfall is forecasted for upcoming 3 days and dry weather is forecasted for other 2 days in the block. The day temperature will be 31-33°C and night temperature will be 21-23°C for upcoming 5 days. Maximum and minimum relative humidity will be 74-90% and 49-60% respectively. There will be clear to partly cloudy sky for next 5 days.

Block	Tigiria (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	18/10/2022	19/10/2022	20/10/2022	21/10/2022	22/10/2022
Rainfall(mm)	5	3	2	0	0
T-Max(°C)	33	32	32	32	31
T-Min(°C)	23	22	22	21	23
Cloud Cover(octa)	2	1	0	6	8
RH Max (%)	82	90	89	75	74
RH Min (%)	60	58	57	49	51
Wind Speed (Kmph)	6	7	8	8	9
Wind Direction (deg)	90	101	60	345	45

**Agro met Advisory**

**General advisory:**

Now the weather, soil moisture and 25-26°C soil temperature are optimum for land preparation and nursery sowing of cauliflower, cabbage, knolkhol and radish. Fully decomposed FYM or compost should be added before sowing of vegetable. Transplant 35-40 days old seedlings in the main field. Farmers should resume irrigation, fertilizer and pesticide application from today onwards due to forecast of dry weather. Farmers may start harvesting of matured early sown short duration paddy from today onwards if they are at 85% physiological maturity stage.

**Kharif Rice**

Maintain about 5-10cm standing water during panicle initiation to flowering stage and drain out excess water.

**Weather based Disease and pest of rice**

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**Maize:**

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- **VEGETABLES:** Now the weather and soil moisture is optimum for land preparation and nursery sowing of cauliflower, cabbage, knolkhol and radish. 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.
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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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<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	<b>ICAR-NRRI, Cuttack, Odisha</b>	<a href="https://icar-nrri.in/agromate/">https://icar-nrri.in/agromate/</a>	
2	<b>Agrimet division, IMD, Pune</b>	<a href="https://imdagrmet.gov.in/imdproject/AGIndex.php">https://imdagrmet.gov.in/imdproject/AGIndex.php</a>	

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