

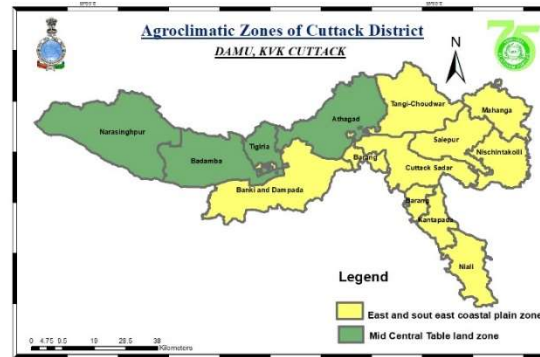


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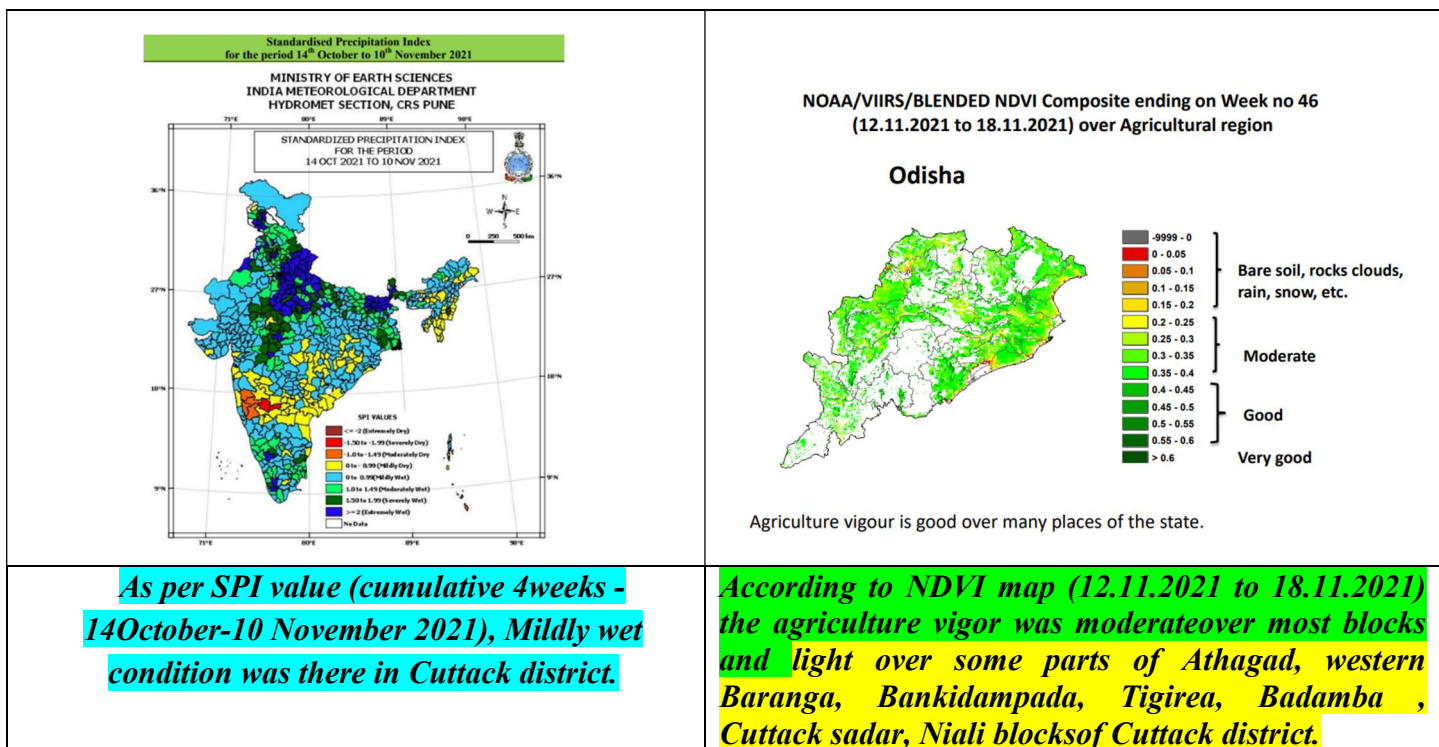


Bulletin No.-249
Date- 26/11/2021

AGROCLIMATIC ZONES OF CUTTACK DISTRICT:



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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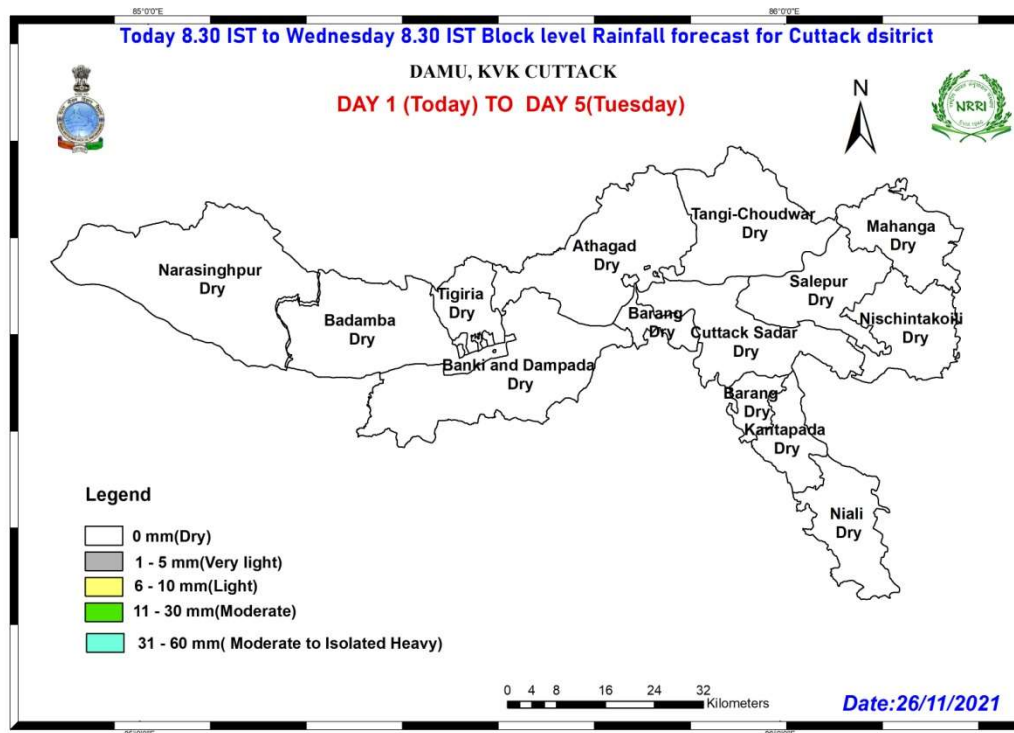


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Bulletin No.-249
 Date- 26/11/2021

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



Met Sub division	Extended range outlook for subsequent 1 week (6 th to 12 th days) (01-07 December 2021)		
Odisha	<i>Parameter</i>	<i>Departure (%)</i>	<i>Category</i>
	Rainfall	113.71	Above Normal
	<i>Parameter</i>	<i>Anomaly</i>	<i>Category</i>
	Maximum temperature	-0.37	Normal
	Minimum temperature	-0.08	Normal

General Agromet Advisory--: There will be above normal rainfall in subsequent week after 5 days (01-07 Dec 2021) in Odisha condition, and there will be dry weather is forecasted in between upcoming 5 days. *They may go for harvesting of rice if they are at 85% physiological maturity stage before the subsequent week. Farmers should **stop** intercultural operations and application of fertiliser and pesticide and irrigation activities in the subsequent week.*

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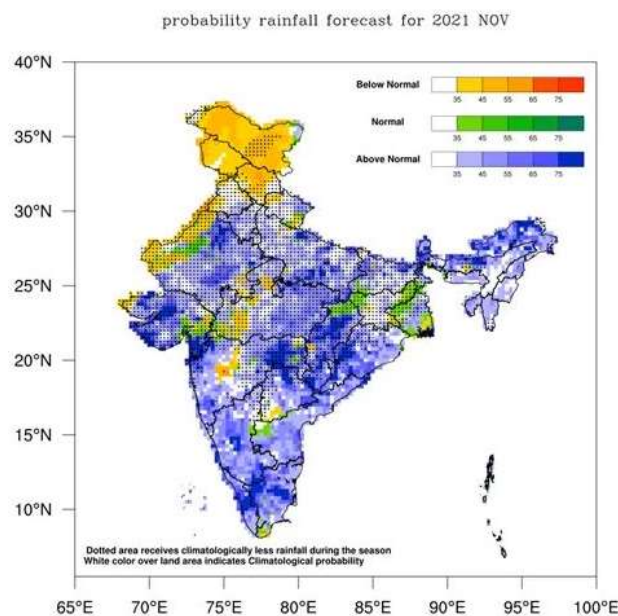
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Bulletin No.-249
Date- 26/11/2021

Post Monsoon rainfall forecast for the month of November, 2021

- The spatial distribution of probabilistic forecasts for tercile categories (above normal, normal and below normal) over the country for the November rainfall is shown in Fig. The spatial distribution suggests that **Normal to above normal** is likely over many parts of Odisha.
- Hence Farmers should manage the crop and irrigation activities depending upon the land type, irrigation facility for kharif rice and pre Rabi pulses and vegetables.*



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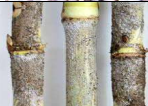












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Bulletin No.-249
Date- 26/11/2021

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	Sugarcane	Maturity Stage		Red rot disease
				Top borer
				Wooly Aphid
				Scale insect
				White fly
				Mealy bug
2	Mustard	Vegetative stage		Aphid
3	Vegetables (Tomato, Chilli, Brinjal)	Vegetative to fruiting		Thrips
				Mites
	Cole crops (Cauliflower and cabbage)	Vegetative to fruiting		Leaf eating caterpillar
				Aphid
				Fruit borer
				Diamond back moth
4	Cucurbits (Cucumber, Pumpkin, Bitter gourd, Ridge gourd, Pointed gourd)	Fruiting		Fruit fly

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Bulletin No.-249
Date- 26/11/2021

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

The block received average 0mm and district received average 0.83 mm rainfall during the last week.

Forecasted period: Today(8.30IST) to 01st December (8.30IST)2021

Weather advisory: Dry weather is forecasted for Today to Tuesday in the block. Minimum temperature will very likely to decrease in upcoming 5 days. The day temperature will be 28-30°C and night temperature will be 17-20°C for upcoming 5 days. Maximum and minimum relative humidity will be 58-77% and 30-42% 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	27/11/2021	28/11/2021	29/11/2021	30/11/2021	01/12/2021
Rainfall (mm)	0	0	0	0	0
T-Max (°C)	30	29	28	28	28
T-Min (°C)	20	18	18	17	17
Cloud Cover (octa)	2	4	4	4	4
RH Max (%)	77	69	58	61	67
RH Min (%)	42	35	30	33	33
Wind Speed (kmph)	6	7	7	7	7
Wind Direction (deg)	23	75	360	342	351

Agromet Advisory

General Advisory: Harvest matured paddy crops and store them in safer place after sun drying. Complete nursery sowing or transplanting of winter vegetable crops. Irrigate the nursery during morning and evening time. Use low cost polythene cover above the vegetables nursery to avoid poor germination due to low temperature. Go for sowing of pea, gram and green gram crop by utilizing residual soil moisture.

Kharif Rice:

If 85% of panicle is matured, then go for harvesting of the crop.

Pulses:

- The weather is optimum for sowing of pre-rabi **green gram** in the fallow uplands. Grow High Yielding varieties suitable for Cuttack such as Samrat, PDM-54, TARM-1, HUM-2 and OUM-11-5.
- Use 8 kg seeds/acre. Before sowing seeds are to be treated with 2 g Carbendazim/kg seeds.
- Apply 8:16 kg NP/acre during final land preparation. Sow the seeds in line 25 cm apart with 8-10 cm plant to plant distance.

Rabi-Groundnut:

- Rabi groundnut** may be taken at 60kg/ acre. Treat the seeds with Thiram @ 3g/kg seeds seven days before sowing seeds.
- Before sowing treat the seeds with rhizobium culture and dry under shade for few hours and then sow the seeds at row-row spacing of 25cm and plant-plant spacing of 10cm at a depth of 3cm.
- Prepare the main field by through ploughing and apply 2ton of FYM.

Mustard:

There are chances of **Aphid** infestation in early sown mustard crop. To manage aphids at early stage, put 8 number of yellow sticky traps per acre and to manage Aphids chemically spray Thiamethoxam 25 % WG @ 40-gram/acre or Acetamiprid 20 % SP @ 50-gram/acre in 200-liter of water.

Vegetables:

- This time is suitable for sowing of **Onion** in nursery bed with a seed rate of 4kg/acre. Before sowing treat the seeds with Captan @ 2g/kg seeds. Pre emergence herbicides may be used in Onion in nursery bed like Quizalofop ethyl 5% EC @ 50g/ha at 15DAS.
- Irrigate the field regularly.
- Go for sowing of **tomato** using resistant varieties like BT-2, BT-10, BT-12, etc.
- Before sowing of vegetables, apply well decomposed FYM or compost that will improve the physical and biological properties of soil and thus increase the water retention capacity of soil.
- This is the best time to raise nursery for **cole crops** like cabbage and cauliflower on raised bed.
- Cole crops may get affected by **diamond back moth**. To control this apply Spinosad 45SC @ 0.5ml/l.
- There is a chance of occurrence of **thrip, mites and Aphids** in Brinjal, Tomato, Chilli, cole crops, for control spray imidachloprid 0.3 ml /liter or fipronil 2 ml /liter of water.
- To control **leaf eating caterpillar and fruit borer** in winter vegetables like Brinjal, Cauliflower, Cabbage, Chilly & tomato apply 0.5 g Emamectin benzoate or 0.4 ml Spinosad per liter of water.
- There are chances of infestation of **fruit fly** in cucurbit vegetables. To manage fruit fly in cucurbits, prepare a poison bait by mixing 400- gram Jaggery and 8-ml Malathion or DDVP in 4-litre of water. Keep this mixture in plastic cups or clay pots @ 80-nos/acre. The fruit flies will be attracted to this and eventually get killed by falling into the poison baits.

Animal husbandry:

In winter during cold hours farmers should keep doors, windows and open spaces in sheds covered with polythene or gunny bag curtains to prevent direct contact to cold air.

- Trim the trees near shed and cattle keeping places to allow sunlight to fall on them.



Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-249
Date- 26/11/2021

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 0.83 mm rainfall during the last week.

Forecasted period: Today(8.30IST) to 01st December (8.30IST)2021

Weather advisory: Dry weather is forecasted for Today to Tuesday in the block. Minimum temperature will very likely to decrease in upcoming 5 days. The day temperature will be 28-30°C and night temperature will be 16-19°C for upcoming 5 days. Maximum and minimum relative humidity will be 56-80% and 30-42% 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	27/11/2021	28/11/2021	29/11/2021	30/11/2021	01/12/2021
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	30	29	28	28	28
T-Min(°C)	19	18	18	17	16
Cloud Cover(octa)	2	4	4	4	4
RH Max (%)	80	71	56	62	67
RH Min (%)	42	36	30	33	33
Wind Speed (Kmph)	6	6	6	7	6
Wind Direction (deg)	345	71	9	338	351

Agromet Advisory

General Advisory: Harvest matured paddy crops and store them in safer place after sun drying. Complete nursery sowing or transplanting of winter vegetable crops. Irrigate the nursery during morning and evening time. Use low cost polythene cover above the vegetables nursery to avoid poor germination due to low temperature. Go for sowing of pea, gram and green gram crop by utilizing residual soil moisture.

Kharif Rice:

If 85% of panicle is matured, then go for harvesting of the crop.

Pulses:

- The weather is optimum for sowing of pre-rabi **green gram** in the fallow uplands. Grow High Yielding varieties suitable for Cuttack such as Samrat, PDM-54, TARM-1, HUM-2 and OUM-11-5.
- Use 8 kg seeds/acre. Before sowing seeds are to be treated with 2 g Carbendazim/kg seeds.
- Apply 8:16 kg NP/acre during final land preparation. Sow the seeds in line 25 cm apart with 8-10 cm plant to plant distance.

Rabi-Groundnut:

- Rabi groundnut** may be taken at 60kg/ acre. Treat the seeds with Thiram @ 3g/kg seeds seven days before sowing seeds.
- Before sowing treat the seeds with rhizobium culture and dry under shade for few hours and then sow the seeds at row-row spacing of 25cm and plant-plant spacing of 10cm at a depth of 3cm.
- Prepare the main field by through ploughing and apply 2ton of FYM.

Mustard:

There are chances of **Aphid** infestation in early sown mustard crop. To manage aphids at early stage, put 8 number of yellow sticky traps per acre and to manage Aphids chemically spray Thiamethoxam 25 % WG @ 40-gram/acre or Acetamiprid 20 % SP @ 50-gram/acre in 200-liter of water.

Vegetables:

- This time is suitable for sowing of **Onion** in nursery bed with a seed rate of 4kg/acre. Before sowing treat the seeds with Captan @ 2g/kg seeds. Pre emergence herbicides may be used in Onion in nursery bed like Quizalofop ethyl 5% EC @ 50g/ha at 15DAS.
- Irrigate the field regularly.
- Go for sowing of **tomato** using resistant varieties like BT-2, BT-10, BT-12, etc.
- Before sowing of vegetables, apply well decomposed FYM or compost that will improve the physical and biological properties of soil and thus increase the water retention capacity of soil.
- This is the best time to raise nursery for **cole crops** like cabbage and cauliflower on raised bed.
- Cole crops may get affected by **diamond back moth**. To control this apply Spinosad 45SC @ 0.5ml/l.
- There is a chance of occurrence of **thrip, mites and Aphids** in Brinjal, Tomato, Chilli, cole crops, for control spray imidachloprid 0.3 ml /liter or fipronil 2 ml /liter of water.
- To control **leaf eating caterpillar and fruit borer** in winter vegetables like Brinjal, Cauliflower, Cabbage, Chilly & tomato apply 0.5 g Emamectin benzoate or 0.4 ml Spinosad per liter of water.
- There are chances of infestation of **fruit fly** in cucurbit vegetables. To manage fruit fly in cucurbits, prepare a poison bait by mixing 400- gram Jaggery and 8-ml Malathion or DDVP in 4-litre of water. Keep this mixture in plastic cups or clay pots @ 80-nos/acre. The fruit flies will be attracted to this and eventually get killed by falling into the poison baits.

Animal husbandry:

In winter during cold hours farmers should keep doors, windows and open spaces in sheds covered with polythene or gunny bag curtains to prevent direct contact to cold air.

- Trim the trees near shed and cattle keeping places to allow sunlight to fall on them.



Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-249
Date- 26/11/2021

AGROMET ADVISORY BULLETIN FOR BANKI

District Past week average weather condition

The district received average 0.83 mm rainfall during the last week.

Forecasted period: Today(8.30IST) to 01st December (8.30IST)2021

Weather advisory: Dry weather is forecasted for Today to Tuesday in the block. Minimum temperature will very likely to decrease in upcoming 5 days. The day temperature will be 28-30°C and night temperature will be 17-20°C for upcoming 5 days. Maximum and minimum relative humidity will be 57-80% and 30-41% 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	27/11/2021	28/11/2021	29/11/2021	30/11/2021	01/12/2021
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	30	29	28	28	28
T-Min(°C)	20	18	18	17	17
Cloud Cover(octa)	2	4	4	4	4
RH Max (%)	80	70	57	61	67
RH Min (%)	41	36	30	32	33
Wind Speed (Kmph)	6	7	7	8	7
Wind Direction (deg)	20	71	360	347	351

Agromet Advisory

General Advisory: Harvest matured paddy crops and store them in safer place after sun drying. Complete nursery sowing or transplanting of winter vegetable crops. Irrigate the nursery during morning and evening time. Use low cost polythene cover above the vegetables nursery to avoid poor germination due to low temperature. Go for sowing of pea, gram and green gram crop by utilizing residual soil moisture.

Kharif Rice:

If 85% of panicle is matured, then go for harvesting of the crop.

Pulses:

- The weather is optimum for sowing of pre-rabi **green gram** in the fallow uplands. Grow High Yielding varieties suitable for Cuttack such as Samrat, PDM-54, TARM-1, HUM-2 and OUM-11-5.
- Use 8 kg seeds/acre. Before sowing seeds are to be treated with 2 g Carbendazim/kg seeds.
- Apply 8:16 kg NP/acre during final land preparation. Sow the seeds in line 25 cm apart with 8-10 cm plant to plant distance.

Rabi-Groundnut:

- Rabi groundnut** may be taken at 60kg/ acre. Treat the seeds with Thiram @ 3g/kg seeds seven days before sowing seeds.
- Before sowing treat the seeds with rhizobium culture and dry under shade for few hours and then sow the seeds at row-row spacing of 25cm and plant-plant spacing of 10cm at a depth of 3cm.
- Prepare the main field by through ploughing and apply 2ton of FYM.

Mustard:

There are chances of **Aphid** infestation in early sown mustard crop. To manage aphids at early stage, put 8 number of yellow sticky traps per acre and to manage Aphids chemically spray Thiamethoxam 25 % WG @ 40-gram/acre or Acetamiprid 20 % SP @ 50-gram/acre in 200-liter of water.

Vegetables:

- This time is suitable for sowing of **Onion** in nursery bed with a seed rate of 4kg/acre. Before sowing treat the seeds with Captan @ 2g/kg seeds. Pre emergence herbicides may be used in Onion in nursery bed like Quizalofop ethyl 5% EC @ 50g/ha at 15DAS.
- Irrigate the field regularly.
- Go for sowing of **tomato** using resistant varieties like BT-2, BT-10, BT-12, etc.
- Before sowing of vegetables, apply well decomposed FYM or compost that will improve the physical and biological properties of soil and thus increase the water retention capacity of soil.
- This is the best time to raise nursery for **cole crops** like cabbage and cauliflower on raised bed.
- Cole crops may get affected by **diamond back moth**. To control this apply Spinosad 45SC @ 0.5ml/l.
- There is a chance of occurrence of **thrip, mites and Aphids** in Brinjal, Tomato, Chilli, cole crops, for control spray imidachloprid 0.3 ml /liter or fipronil 2 ml /liter of water.
- To control **leaf eating caterpillar and fruit borer** in winter vegetables like Brinjal, Cauliflower, Cabbage, Chilly & tomato apply 0.5 g Emamectin benzoate or 0.4 ml Spinosad per liter of water.
- There are chances of infestation of **fruit fly** in cucurbit vegetables. To manage fruit fly in cucurbits, prepare a poison bait by mixing 400- gram Jaggery and 8-ml Malathion or DDVP in 4-litre of water. Keep this mixture in plastic cups or clay pots @ 80-nos/acre. The fruit flies will be attracted to this and eventually get killed by falling into the poison baits.

Animal husbandry:

In winter during cold hours farmers should keep doors, windows and open spaces in sheds covered with polythene or gunny bag curtains to prevent direct contact to cold air.

- Trim the trees near shed and cattle keeping places to allow sunlight to fall on them.



Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-249
Date- 26/11/2021

AGROMET ADVISORY BULLETIN FOR BANKI-DAMPARA

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

The block received average 0.4mm and district received average 0.83 mm rainfall during the last week.

Forecasted period: Today(8.30IST) to 01st December (8.30IST)2021

Weather Advisory: Dry weather is forecasted for Today to Tuesday in the block. Minimum temperature will very likely to decrease in upcoming 5 days. The day temperature will be 28-30°C and night temperature will be 17-20°C for upcoming 5 days. Maximum and minimum relative humidity will be 58-79% and 30-41% respectively. There will be clear to partly cloudy sky for next 5 days.

Block	Banki-Dampara (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	27/11/2021	28/11/2021	29/11/2021	30/11/2021	01/12/2021
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	30	29	28	28	28
T-Min(°C)	20	18	18	17	17
Cloud Cover(octa)	2	4	4	4	4
RH Max (%)	79	70	58	61	67
RH Min (%)	41	36	30	32	33
Wind Speed (Kmph)	6	7	7	8	7
Wind Direction (deg)	25	60	360	347	351

Agromet Advisory

General Advisory: Harvest matured paddy crops and store them in safer place after sun drying. Complete nursery sowing or transplanting of winter vegetable crops. Irrigate the nursery during morning and evening time. Use low cost polythene cover above the vegetables nursery to avoid poor germination due to low temperature. Go for sowing of pea, gram and green gram crop by utilizing residual soil moisture.

Kharif Rice:

If 85% of panicle is matured, then go for harvesting of the crop.

Pulses:

- The weather is optimum for sowing of pre-rabi **green gram** in the fallow uplands. Grow High Yielding varieties suitable for Cuttack such as Samrat, PDM-54, TARM-1, HUM-2 and OUM-11-5.
- Use 8 kg seeds/acre. Before sowing seeds are to be treated with 2 g Carbendazim/kg seeds.
- Apply 8:16 kg NP/acre during final land preparation. Sow the seeds in line 25 cm apart with 8-10 cm plant to plant distance.

Rabi-Groundnut:

- Rabi groundnut** may be taken at 60kg/ acre. Treat the seeds with Thiram @ 3g/kg seeds seven days before sowing seeds.
- Before sowing treat the seeds with rhizobium culture and dry under shade for few hours and then sow the seeds at row-row spacing of 25cm and plant-plant spacing of 10cm at a depth of 3cm.
- Prepare the main field by through ploughing and apply 2ton of FYM.

Mustard:

There are chances of **Aphid** infestation in early sown mustard crop. To manage aphids at early stage, put 8 number of yellow sticky traps per acre and to manage Aphids chemically spray Thiamethoxam 25 % WG @ 40-gram/acre or Acetamiprid 20 % SP @ 50-gram/acre in 200-liter of water.

Vegetables:

- This time is suitable for sowing of **Onion** in nursery bed with a seed rate of 4kg/acre. Before sowing treat the seeds with Captan @ 2g/kg seeds. Pre emergence herbicides may be used in Onion in nursery bed like Quizalofop ethyl 5% EC @ 50g/ha at 15DAS.
- Irrigate the field regularly.
- Go for sowing of **tomato** using resistant varieties like BT-2, BT-10, BT-12, etc.
- Before sowing of vegetables, apply well decomposed FYM or compost that will improve the physical and biological properties of soil and thus increase the water retention capacity of soil.
- This is the best time to raise nursery for **cole crops** like cabbage and cauliflower on raised bed.
- Cole crops may get affected by **diamond back moth**. To control this apply Spinosad 45SC @ 0.5ml/l.
- There is a chance of occurrence of **thrip, mites and Aphids** in Brinjal, Tomato, Chilli, cole crops, for control spray imidachloprid 0.3 ml /liter or fipronil 2 ml /liter of water.
- To control **leaf eating caterpillar and fruit borer** in winter vegetables like Brinjal, Cauliflower, Cabbage, Chilly & tomato apply 0.5 g Emamectin benzoate or 0.4 ml Spinosad per liter of water.
- There are chances of infestation of **fruit fly** in cucurbit vegetables. To manage fruit fly in cucurbits, prepare a poison bait by mixing 400- gram Jaggery and 8-ml Malathion or DDVP in 4-litre of water. Keep this mixture in plastic cups or clay pots @ 80-nos/acre. The fruit flies will be attracted to this and eventually get killed by falling into the poison baits.

Animal husbandry:

In winter during cold hours farmers should keep doors, windows and open spaces in sheds covered with polythene or gunny bag curtains to prevent direct contact to cold air.



Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-249
Date- 26/11/2021

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 0.83 mm rainfall during the last week.

Forecasted period: Today(8.30IST) to 01st December (8.30IST)2021

Weather advisory: Dry weather is forecasted for Today to Tuesday in the block. Minimum temperature will very likely to decrease in upcoming 5 days. The day temperature will be 28-30°C and night temperature will be 17-20°C for upcoming 5 days. Maximum and minimum relative humidity will be 59-75% and 31-40% 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	27/11/2021	28/11/2021	29/11/2021	30/11/2021	01/12/2021
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	30	29	28	28	28
T-Min(°C)	20	19	18	17	17
Cloud Cover	2	4	4	4	4
RH Max (%)	75	65	59	61	63
RH Min (%)	40	37	31	31	33
Wind Speed (Kmph)	8	9	7	8	9
Wind Direction (deg)	20	30	360	19	18

Agromet Advisory

General Advisory: Harvest matured paddy crops and store them in safer place after sun drying. Complete nursery sowing or transplanting of winter vegetable crops. Irrigate the nursery during morning and evening time. Use low cost polythene cover above the vegetables nursery to avoid poor germination due to low temperature. Go for sowing of pea, gram and green gram crop by utilizing residual soil moisture.

Khari Rice:

If 85% of panicle is matured, then go for harvesting of the crop.

Pulses:

- The weather is optimum for sowing of pre-rabi **green gram** in the fallow uplands. Grow High Yielding varieties suitable for Cuttack such as Samrat, PDM-54, TARM-1, HUM-2 and OUM-11-5.
- Use 8 kg seeds/acre. Before sowing seeds are to be treated with 2 g Carbendazim/kg seeds.
- Apply 8:16 kg NP/acre during final land preparation. Sow the seeds in line 25 cm apart with 8-10 cm plant to plant distance.

Rabi-Groundnut:

- Rabi groundnut** may be taken at 60kg/ acre. Treat the seeds with Thiram @ 3g/kg seeds seven days before sowing seeds.
- Before sowing treat the seeds with rhizobium culture and dry under shade for few hours and then sow the seeds at row-row spacing of 25cm and plant-plant spacing of 10cm at a depth of 3cm.
- Prepare the main field by through ploughing and apply 2ton of FYM.

Mustard:

There are chances of **Aphid** infestation in early sown mustard crop. To manage aphids at early stage, put 8 number of yellow sticky traps per acre and to manage Aphids chemically spray Thiamethoxam 25 % WG @ 40-gram/acre or Acetamiprid 20 % SP @ 50-gram/acre in 200-liter of water.

Vegetables:

- This time is suitable for sowing of **Onion** in nursery bed with a seed rate of 4kg/acre. Before sowing treat the seeds with Captan @ 2g/kg seeds. Pre emergence herbicides may be used in Onion in nursery bed like Quizalofop ethyl 5% EC @ 50g/ha at 15DAS.
- Irrigate the field regularly.
- Go for sowing of **tomato** using resistant varieties like BT-2, BT-10, BT-12, etc.
- Before sowing of vegetables, apply well decomposed FYM or compost that will improve the physical and biological properties of soil and thus increase the water retention capacity of soil.
- This is the best time to raise nursery for **cole crops** like cabbage and cauliflower on raised bed.
- Cole crops may get affected by **diamond back moth**. To control this apply Spinosad 45SC @ 0.5ml/l.
- There is a chance of occurrence of **thrip, mites and Aphids** in Brinjal, Tomato, Chilli, cole crops, for control spray imidachloprid 0.3 ml /liter or fipronil 2 ml /liter of water.
- To control **leaf eating caterpillar and fruit borer** in winter vegetables like Brinjal, Cauliflower, Cabbage, Chilly & tomato apply 0.5 g Emamectin benzoate or 0.4 ml Spinosad per liter of water.
- There are chances of infestation of **fruit fly** in cucurbit vegetables. To manage fruit fly in cucurbits, prepare a poison bait by mixing 400- gram Jaggery and 8-ml Malathion or DDVP in 4-litre of water. Keep this mixture in plastic cups or clay pots @ 80-nos/acre. The fruit flies will be attracted to this and eventually get killed by falling into the poison baits.

Animal husbandry:

In winter during cold hours farmers should keep doors, windows and open spaces in sheds covered with polythene or gunny bag curtains to prevent direct contact to cold air.

- Trim the trees near shed and cattle keeping places to allow sunlight to fall on them.



Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-249
Date- 26/11/2021

AGROMET ADVISORY BULLETIN FOR CUTTACK SADAR
District Past week average weather condition and Block past week average Rainfall condition

The block received average 2mm and district received average 0.83 mm rainfall during the last week.

Forecasted period: Today(8.30IST) to 01st December (8.30IST)2021

Weather advisory: Dry weather is forecasted for Today to Tuesday in the block. Minimum temperature will very likely to decrease in upcoming 5 days. The day temperature will be 28-30°C and night temperature will be 17-20°C for upcoming 5 days. Maximum and minimum relative humidity will be 58-73% and 30-41% 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	27/11/2021	28/11/2021	29/11/2021	30/11/2021	01/12/2021
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	30	29	28	28	28
T-Min(°C)	20	19	18	17	17
Cloud Cover(octa)	2	4	4	4	4
RH Max (%)	73	65	58	61	63
RH Min (%)	41	35	30	31	33
Wind Speed (Kmph)	8	9	7	7	9
Wind Direction (deg)	23	30	360	11	18

Agromet Advisory

General Advisory: Harvest matured paddy crops and store them in safer place after sun drying. Complete nursery sowing or transplanting of winter vegetable crops. Irrigate the nursery during morning and evening time. Use low cost polythene cover above the vegetables nursery to avoid poor germination due to low temperature. Go for sowing of pea, gram and green gram crop by utilizing residual soil moisture.

Kharif Rice:

If 85% of panicle is matured, then go for harvesting of the crop.

Pulses:

- The weather is optimum for sowing of pre-rabi **green gram** in the fallow uplands. Grow High Yielding varieties suitable for Cuttack such as Samrat, PDM-54, TARM-1, HUM-2 and OUM-11-5.
- Use 8 kg seeds/acre. Before sowing seeds are to be treated with 2 g Carbendazim/kg seeds.

Apply 8:16 kg NP/acre during final land preparation. Sow the seeds in line 25 cm apart with 8-10 cm plant to plant distance.

Sugarcane: The crop is at maturity (40 - 41 week) stage. Postpone irrigation to crops and spraying insecticides and pesticides. **Red rot disease** may occur at this stage of crop. Uproot and destroy the infested plant. Spray 400g carbendazim @2g/lit water per acre crop area. To control **top shoot borers** spray Chlorantraniliprole 18.5% SC @ 3 ml/10 litre of water or Fipronil 5% SC @ 2 ml/litre of water. For control of Sucking pest in sugarcane like **Woolly aphid, Whitefly, Scale insects, mealy bug** in present weather conditions go for alternate spraying of thiomethoxam 25WG @ 0.25 gm/lit or imidacloprid 0.45 ml/lit of water or Dinotefuron 20% SG 3gm/lit of Water.

Mustard:

There are chances of **Aphid** infestation in early sown mustard crop. To manage aphids at early stage, put 8 number of yellow sticky traps per acre and to manage Aphids chemically spray Thiamethoxam 25 % WG @ 40-gram/acre or Acetamiprid 20 % SP @ 50-gram/acre in 200-liter of water.

Vegetables:

- This time is suitable for sowing of **Onion** in nursery bed with a seed rate of 4kg/acre. Before sowing treat the seeds with Captan @ 2g/kg seeds. Pre emergence herbicides may be used in Onion in nursery bed like Quizalofop ethyl 5% EC @50g/ha at 15DAS.
- Irrigate the field regularly.
- Go for sowing of **tomato** using resistant varieties like BT-2, BT-10, BT-12, etc.
- Before sowing of vegetables, apply well decomposed FYM or compost that will improve the physical and biological properties of soil and thus increase the water retention capacity of soil.
- This is the best time to raise nursery for **cole crops** like cabbage and cauliflower on raised bed.
- Cole crops may get affected by **diamond back moth**. To control this apply Spinosad 45SC @ 0.5ml/l.
- There is a chance of occurrence of **thrip, mites and Aphids** in Brinjal, Tomato, Chilli, cole crops, for control spray imidachloprid 0.3 ml /liter or fipronil 2 ml /liter of water.
- To control **leaf eating caterpillar and fruit borer** in winter vegetables like Brinjal, Cauliflower, Cabbage, Chilly & tomato apply 0.5 g Emamectin benzoate or 0.4 ml Spinosad per liter of water.
- There are chances of infestation of **fruit fly** in cucurbit vegetables. To manage fruit fly in cucurbits, prepare a poison bait by mixing 400- gram Jaggery and 8-ml Malathion or DDVP in 4-litre of water. Keep this mixture in plastic cups or clay pots @80-nos/acre. The fruit flies will be attracted to this and eventually get killed by falling into the poison baits.

Animal husbandry:

In winter during cold hours farmers should keep doors, windows and open spaces in sheds covered with polythene or gunny bag curtains to prevent direct contact to cold air.

- Trim the trees near shed and cattle keeping places to allow sunlight to fall on them.



Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-249
Date- 26/11/2021

AGROMET ADVISORY BULLETIN FOR KANTAPADA

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

The block received average 1mm and district received average 0.83 mm rainfall during the last week.

Forecasted period: Today(8.30IST) to 01st December (8.30IST)2021

Weather advisory: Dry weather is forecasted for Today to Tuesday in the block. Minimum temperature will very likely to decrease in upcoming 5 days. The day temperature will be 28-30°C and night temperature will be 17-20°C for upcoming 5 days. Maximum and minimum relative humidity will be 61-75% and 32-41% 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	27/11/2021	28/11/2021	29/11/2021	30/11/2021	01/12/2021
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	30	29	28	28	28
T-Min(°C)	20	18	18	17	17
Cloud Cover(octa)	2	4	4	4	4
RH Max (%)	75	65	61	63	63
RH Min (%)	41	40	33	32	35
Wind Speed (Kmph)	10	10	9	8	11
Wind Direction (deg)	23	36	360	23	26

Agromet Advisory

General Advisory: Harvest matured paddy crops and store them in safer place after sun drying. Complete nursery sowing or transplanting of winter vegetable crops. Irrigate the nursery during morning and evening time. Use low cost polythene cover above the vegetables nursery to avoid poor germination due to low temperature. Go for sowing of pea, gram and green gram crop by utilizing residual soil moisture.

Kharif Rice:

If 85% of panicle is matured, then go for harvesting of the crop.

Pulses:

- The weather is optimum for sowing of pre-rabi **green gram** in the fallow uplands. Grow High Yielding varieties suitable for Cuttack such as Samrat, PDM-54, TARM-1, HUM-2 and OUM-11-5.
- Use 8 kg seeds/acre. Before sowing seeds are to be treated with 2 g Carbendazim/kg seeds.

Apply 8:16 kg NP/acre during final land preparation. Sow the seeds in line 25 cm apart with 8-10 cm plant to plant distance.

Sugarcane: The crop is at maturity (40 - 41 week) stage. Postpone irrigation to crops and spraying insecticides and pesticides. **Red rot disease** may occur at this stage of crop. Uproot and destroy the infested plant. Spray 400g carbendazim @2g/lit water per acre crop area. To control **top shoot borers** spray Chlorantraniliprole 18.5% SC @ 3 ml/10 litre of water or Fipronil 5% SC @ 2 ml/litre of water. For control of sucking pest in sugarcane like **Woolly aphid, Whitefly, Scale insects, mealy bug** in present weather conditions go for alternate spraying of thiomethoxam 25WG @ 0.25 gm/lit or imidacloprid 0.45 ml/lit of water or Dinotefuron 20% SG 3gm/lit of Water.

Mustard:

There are chances of **Aphid** infestation in early sown mustard crop. To manage aphids at early stage, put 8 number of yellow sticky traps per acre and to manage Aphids chemically spray Thiamethoxam 25 % WG @ 40-gram/acre or Acetamiprid 20 % SP @ 50-gram/acre in 200-liter of water.

Vegetables:

- This time is suitable for sowing of **Onion** in nursery bed with a seed rate of 4kg/acre. Before sowing treat the seeds with Captan @ 2g/kg seeds. Pre emergence herbicides may be used in Onion in nursery bed like Quizalofop ethyl 5% EC @50g/ha at 15DAS.
- Irrigate the field regularly.
- Go for sowing of **tomato** using resistant varieties like BT-2, BT-10, BT-12, etc.
- Before sowing of vegetables, apply well decomposed FYM or compost that will improve the physical and biological properties of soil and thus increase the water retention capacity of soil.
- This is the best time to raise nursery for **cole crops** like cabbage and cauliflower on raised bed.
- Cole crops may get affected by **diamond back moth**. To control this apply Spinosad 45SC @ 0.5ml/l.
- There is a chance of occurrence of **thrip, mites and Aphids** in Brinjal, Tomato, Chilli, cole crops, for control spray imidachloprid 0.3 ml /liter or fipronil 2 ml /liter of water.
- To control **leaf eating caterpillar and fruit borer** in winter vegetables like Brinjal, Cauliflower, Cabbage, Chilly & tomato apply 0.5 g Emamectin benzoate or 0.4 ml Spinosad per liter of water.
- There are chances of infestation of **fruit fly** in cucurbit vegetables. To manage fruit fly in cucurbits, prepare a poison bait by mixing 400- gram Jaggery and 8-ml Malathion or DDVP in 4-litre of water. Keep this mixture in plastic cups or clay pots @80-nos/acre. The fruit flies will be attracted to this and eventually get killed by falling into the poison baits.

Animal husbandry:

In winter during cold hours farmers should keep doors, windows and open spaces in sheds covered with polythene or gunny bag curtains to prevent direct contact to cold air.

- Trim the trees near shed and cattle keeping places to allow sunlight to fall on them.



Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-249
Date- 26/11/2021

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 0.83 mm rainfall during the last week.

Forecasted period: Today(8.30IST) to 01st December (8.30IST)2021

Weather advisory: Dry weather is forecasted for Today to Tuesday in the block. Minimum temperature will very likely to decrease in upcoming 5 days. The day temperature will be and it will be 28-30°C and night temperature will be 16-20°C for upcoming 5 days. Maximum and minimum relative humidity will be 59-70% and 31-43% 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	27/11/2021	28/11/2021	29/11/2021	30/11/2021	01/12/2021
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	30	29	28	28	28
T-Min(°C)	20	18	18	17	16
Cloud Cover(octal)	2	4	4	4	4
RH Max (%)	70	64	59	62	61
RH Min (%)	43	38	31	32	35
Wind Speed (Kmph)	9	10	8	8	11
Wind Direction (deg)	15	30	345	360	23

Agromet Advisory

General Advisory: Harvest matured paddy crops and store them in safer place after sun drying. Complete nursery sowing or transplanting of winter vegetable crops. Irrigate the nursery during morning and evening time. Use low cost polythene cover above the vegetables nursery to avoid poor germination due to low temperature. Go for sowing of pea, gram and green gram crop by utilizing residual soil moisture.

Kharif Rice:

If 85% of panicle is matured, then go for harvesting of the crop.

Pulses:

- The weather is optimum for sowing of pre-rabi **green gram** in the fallow uplands. Grow High Yielding varieties suitable for Cuttack such as Samrat, PDM-54, TARM-1, HUM-2 and OUM-11-5.
- Use 8 kg seeds/acre. Before sowing seeds are to be treated with 2 g Carbendazim/kg seeds.

Apply 8:16 kg NP/acre during final land preparation. Sow the seeds in line 25 cm apart with 8-10 cm plant to plant distance.

Sugarcane: The crop is at maturity (40 - 41 week) stage. Postpone irrigation to crops and spraying insecticides and pesticides. **Red rot disease** may occur at this stage of crop. Uproot and destroy the infested plant. Spray 400g carbendazim @2g/lit water per acre crop area. To control **top shoot borers** spray Chlorantraniliprole 18.5% SC @ 3 ml/10 litre of water or Fipronil 5% SC @ 2 ml/litre of water. For control of sucking pest in sugarcane like **Woolly aphid, Whitefly, Scale insects, mealy bug** in present weather conditions go for alternate spraying of thiomethoxam 25WG @ 0.25 gm/lit or imidacloprid 0.45 ml/lit of water or Dinotefuron 20% SG 3gm/lit of Water.

Mustard:

There are chances of **Aphid** infestation in early sown mustard crop. To manage aphids at early stage, put 8 number of yellow sticky traps per acre and to manage Aphids chemically spray Thiamethoxam 25 % WG @ 40-gram/acre or Acetamiprid 20 % SP @ 50-gram/acre in 200-liter of water.

Vegetables:

- This time is suitable for sowing of **Onion** in nursery bed with a seed rate of 4kg/acre. Before sowing treat the seeds with Captan @ 2g/kg seeds. Pre emergence herbicides may be used in Onion in nursery bed like Quisqualop ethyl 5% EC @50g/ha at 15DAS.
- Irrigate the field regularly.
- Go for sowing of **tomato** using resistant varieties like BT-2, BT-10, BT-12, etc.
- Before sowing of vegetables, apply well decomposed FYM or compost that will improve the physical and biological properties of soil and thus increase the water retention capacity of soil.
- This is the best time to raise nursery for **cole crops** like cabbage and cauliflower on raised bed.
- Cole crops may get affected by **diamond back moth**. To control this apply Spinosad 45SC @ 0.5ml/l.
- There is a chance of occurrence of **thrip, mites and Aphids** in Brinjal, Tomato, Chilli, cole crops, for control spray imidachloprid 0.3 ml /liter or fipronil 2 ml /liter of water.
- To control **leaf eating caterpillar and fruit borer** in winter vegetables like Brinjal, Cauliflower, Cabbage, Chilly & tomato apply 0.5 g Emamectin benzoate or 0.4 ml Spinosad per liter of water.
- There are chances of infestation of **fruit fly** in cucurbit vegetables. To manage fruit fly in cucurbits, prepare a poison bait by mixing 400- gram Jaggery and 8-ml Malathion or DDVP in 4-litre of water. Keep this mixture in plastic cups or clay pots @80-nos/acre. The fruit flies will be attracted to this and eventually get killed by falling into the poison baits.

Animal husbandry:

In winter during cold hours farmers should keep doors, windows and open spaces in sheds covered with polythene or gunny bag curtains to prevent direct contact to cold air.

- Trim the trees near shed and cattle keeping places to allow sunlight to fall on them.



Dr Sujata Sethy
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Bulletin No.-249
Date- 26/11/2021

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 0.83 mm rainfall during the last week.

Forecasted period: Today(8.30IST) to 01st December (8.30IST)2021

Weather advisory: Dry weather is forecasted for Today to Tuesday in the block. Minimum temperature will very likely to decrease in upcoming 5 days. The day temperature will be 27-29°C and night temperature will be 15-18°C for upcoming 5 days. Maximum and minimum relative humidity will be 56-85% and 30-41% 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	27/11/2021	28/11/2021	29/11/2021	30/11/2021	01/12/2021
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	29	29	28	27	27
T-Min(°C)	18	17	17	16	15
Cloud Cover(/octa)	2	4	4	4	4
RH Max (%)	85	74	56	63	67
RH Min (%)	41	37	30	33	33
Wind Speed (Kmph)	4	5	5	6	5
Wind Direction (deg)	11	71	11	342	360

Agromet Advisory

General Advisory: Harvest matured paddy crops and store them in safer place after sun drying. Complete nursery sowing or transplanting of winter vegetable crops. Irrigate the nursery during morning and evening time. Use low cost polythene cover above the vegetables nursery to avoid poor germination due to low temperature. Go for sowing of pea, gram and green gram crop by utilizing residual soil moisture.

Kharif Rice:

If 85% of panicle is matured, then go for harvesting of the crop.

Pulses:

- The weather is optimum for sowing of pre-rabi **green gram** in the fallow uplands. Grow High Yielding varieties suitable for Cuttack such as Samrat, PDM-54, TARM-1, HUM-2 and OUM-11-5.
- Use 8 kg seeds/acre. Before sowing seeds are to be treated with 2 g Carbendazim/kg seeds.
- Apply 8:16 kg NP/acre during final land preparation. Sow the seeds in line 25 cm apart with 8-10 cm plant to plant distance.

Rabi-Groundnut:

- Rabi groundnut** may be taken at 60kg/ acre. Treat the seeds with Thiram @ 3g/kg seeds seven days before sowing seeds.
- Before sowing treat the seeds with rhizobium culture and dry under shade for few hours and then sow the seeds at row-row spacing of 25cm and plant-plant spacing of 10cm at a depth of 3cm.
- Prepare the main field by through ploughing and apply 2ton of FYM.

Mustard:

There are chances of **Aphid** infestation in early sown mustard crop. To manage aphids at early stage, put 8 number of yellow sticky traps per acre and to manage Aphids chemically spray Thiamethoxam 25 % WG @ 40-gram/acre or Acetamiprid 20 % SP @ 50-gram/acre in 200-liter of water.

Vegetables:

- This time is suitable for sowing of **Onion** in nursery bed with a seed rate of 4kg/acre. Before sowing treat the seeds with Captan @ 2g/kg seeds. Pre emergence herbicides may be used in Onion in nursery bed like Quizalofop ethyl 5% EC @ 50g/ha at 15DAS.
- Irrigate the field regularly.
- Go for sowing of **tomato** using resistant varieties like BT-2, BT-10, BT-12, etc.
- Before sowing of vegetables, apply well decomposed FYM or compost that will improve the physical and biological properties of soil and thus increase the water retention capacity of soil.
- This is the best time to raise nursery for **cole crops** like cabbage and cauliflower on raised bed.
- Cole crops may get affected by **diamond back moth**. To control this apply Spinosad 45SC @ 0.5ml/l.
- There is a chance of occurrence of **thrip, mites and Aphids** in Brinjal, Tomato, Chilli, cole crops, for control spray imidachloprid 0.3 ml /liter or fipronil 2 ml /liter of water.
- To control **leaf eating caterpillar and fruit borer** in winter vegetables like Brinjal, Cauliflower, Cabbage, Chilly & tomato apply 0.5 g Emamectin benzoate or 0.4 ml Spinosad per liter of water.
- There are chances of infestation of **fruit fly** in cucurbit vegetables. To manage fruit fly in cucurbits, prepare a poison bait by mixing 400- gram Jaggery and 8-ml Malathion or DDVP in 4-litre of water. Keep this mixture in plastic cups or clay pots @ 80-nos/acre. The fruit flies will be attracted to this and eventually get killed by falling into the poison baits.

Animal husbandry:

In winter during cold hours farmers should keep doors, windows and open spaces in sheds covered with polythene or gunny bag curtains to prevent direct contact to cold air.

- Trim the trees near shed and cattle keeping places to allow sunlight to fall on them.



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Bulletin No.-249
Date- 26/11/2021

AGROMET ADVISORY BULLETIN FOR NIALI

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

The block received average 1mm and district received average 0.83 mm rainfall during the last week.

Forecasted period: Today(8.30IST) to 01st December (8.30IST)2021

Weather advisory: Dry weather is forecasted for Today to Tuesday in the block. Minimum temperature will very likely to decrease in upcoming 5 days. The day temperature will be 28-30°C and night temperature will be 16-20°C for upcoming 5 days. Maximum and minimum relative humidity will be 63-74% and 34-44% 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	27/11/2021	28/11/2021	29/11/2021	30/11/2021	01/12/2021
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	30	29	28	28	28
T-Min(°C)	20	18	17	16	16
Cloud Cover(octa)	2	4	4	4	4
RH Max (%)	74	67	63	64	63
RH Min (%)	44	43	35	34	37
Wind Speed(Kmph)	11	11	10	9	12
Wind Direction(deg)	23	45	26	23	26

Agromet Advisory

General Advisory: Harvest matured paddy crops and store them in safer place after sun drying. Complete nursery sowing or transplanting of winter vegetable crops. Irrigate the nursery during morning and evening time. Use low cost polythene cover above the vegetables nursery to avoid poor germination due to low temperature. Go for sowing of pea, gram and green gram crop by utilizing residual soil moisture.

Kharif Rice:

If 85% of panicle is matured, then go for harvesting of the crop.

Pulses:

- The weather is optimum for sowing of pre-rabi **green gram** in the fallow uplands. Grow High Yielding varieties suitable for Cuttack such as Samrat, PDM-54, TARM-1, HUM-2 and OUM-11-5.
- Use 8 kg seeds/acre. Before sowing seeds are to be treated with 2 g Carbendazim/kg seeds.

Apply 8:16 kg NP/acre during final land preparation. Sow the seeds in line 25 cm apart with 8-10 cm plant to plant distance.

Sugarcane: The crop is at maturity (40 - 41 week) stage. Postpone irrigation to crops and spraying insecticides and pesticides. **Red rot disease** may occur at this stage of crop. Uproot and destroy the infested plant. Spray 400g carbendazim @2g/lit water per acre crop area. To control **top shoot borers** spray Chlorantraniliprole 18.5% SC @ 3 ml/10 litre of water or Fipronil 5% SC @ 2 ml/litre of water. For control of Sucking pest in sugarcane like **Woolly aphid, Whitefly, Scale insects, mealy bug** in present weather conditions go for alternate spraying of thiomethoxam 25WG @ 0.25 gm/lit or imidacloprid 0.45 ml/lit of water or Dinotefuron 20% SG 3gm/lit of Water.

Mustard:

There are chances of **Aphid** infestation in early sown mustard crop. To manage aphids at early stage, put 8 number of yellow sticky traps per acre and to manage Aphids chemically spray Thiamethoxam 25 % WG @ 40-gram/acre or Acetamiprid 20 % SP @ 50-gram/acre in 200-liter of water.

Vegetables:

- This time is suitable for sowing of **Onion** in nursery bed with a seed rate of 4kg/acre. Before sowing treat the seeds with Captan @ 2g/kg seeds. Pre emergence herbicides may be used in Onion in nursery bed like Quizalofop ethyl 5% EC @50g/ha at 15DAS.
- Irrigate the field regularly.
- Go for sowing of **tomato** using resistant varieties like BT-2, BT-10, BT-12, etc.
- Before sowing of vegetables, apply well decomposed FYM or compost that will improve the physical and biological properties of soil and thus increase the water retention capacity of soil.
- This is the best time to raise nursery for **cole crops** like cabbage and cauliflower on raised bed.
- Cole crops may get affected by **diamond back moth**. To control this apply Spinosad 45SC @ 0.5ml/l.
- There is a chance of occurrence of **thrip, mites and Aphids** in Brinjal, Tomato, Chilli, cole crops, for control spray imidachloprid 0.3 ml /liter or fipronil 2 ml /liter of water.
- To control **leaf eating caterpillar and fruit borer** in winter vegetables like Brinjal, Cauliflower, Cabbage, Chilly & tomato apply 0.5 g Emamectin benzoate or 0.4 ml Spinosad per liter of water.
- There are chances of infestation of **fruit fly** in cucurbit vegetables. To manage fruit fly in cucurbits, prepare a poison bait by mixing 400- gram Jaggery and 8-ml Malathion or DDVP in 4-litre of water. Keep this mixture in plastic cups or clay pots @80-nos/acre. The fruit flies will be attracted to this and eventually get killed by falling into the poison baits.



Animal husbandry:

In winter during cold hours farmers should keep doors, windows and open spaces in sheds covered with polythene or gunny bag curtains to prevent direct contact to cold air.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-249
Date- 26/11/2021

AGROMET ADVISORY BULLETIN FOR NISCHINTAKOILI

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

The block received average 1mm and district received average 0.83 mm rainfall during the last week.

Forecasted period: Today(8.30IST) to 01st December (8.30IST)2021

Weather advisory: Dry weather is forecasted for Today to Tuesday in the block. Minimum temperature will very likely to decrease in upcoming 5 days. The day temperature will be 28-30°C and night temperature will be 17-20°C for upcoming 5 days. Maximum and minimum relative humidity will be 60-71% and 32-43% 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	27/11/2021	28/11/2021	29/11/2021	30/11/2021	01/12/2021
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	30	29	28	28	28
T-Min(°C)	20	18	18	17	17
Cloud Cover(octa)	2	4	4	4	4
RH Max (%)	71	65	60	62	61
RH Min (%)	43	39	32	32	35
Wind Speed (Kmph)	10	10	8	8	11
Wind Direction (deg)	15	30	345	23	26

Agromet Advisory

General Advisory: Harvest matured paddy crops and store them in safer place after sun drying. Complete nursery sowing or transplanting of winter vegetable crops. Irrigate the nursery during morning and evening time. Use low cost polythene cover above the vegetables nursery to avoid poor germination due to low temperature. Go for sowing of pea, gram and green gram crop by utilizing residual soil moisture.

Kharif Rice:

If 85% of panicle is matured, then go for harvesting of the crop.

Pulses:

- The weather is optimum for sowing of pre-rabi **green gram** in the fallow uplands. Grow High Yielding varieties suitable for Cuttack such as Samrat, PDM-54, TARM-1, HUM-2 and OUM-11-5.
- Use 8 kg seeds/acre. Before sowing seeds are to be treated with 2 g Carbendazim/kg seeds.

Apply 8:16 kg NP/acre during final land preparation. Sow the seeds in line 25 cm apart with 8-10 cm plant to plant distance.

Sugarcane: The crop is at maturity (40 - 41 week) stage. Postpone irrigation to crops and spraying insecticides and pesticides. **Red rot disease** may occur at this stage of crop. Uproot and destroy the infested plant. Spray 400g carbendazim @2g/lit water per acre crop area. To control **top shoot borers** spray Chlorantraniliprole 18.5% SC @ 3 ml/10 litre of water or Fipronil 5% SC @ 2 ml/litre of water. For control of sucking pest in sugarcane like **Woolly aphid, Whitefly, Scale insects, mealy bug** in present weather conditions go for alternate spraying of thiomethoxam 25WG @ 0.25 gm/lit or imidacloprid 0.45 ml/lit of water or Dinotefuron 20% SG 3gm/lit of Water.

Mustard:

There are chances of **Aphid** infestation in early sown mustard crop. To manage aphids at early stage, put 8 number of yellow sticky traps per acre and to manage Aphids chemically spray Thiamethoxam 25 % WG @ 40-gram/acre or Acetamiprid 20 % SP @ 50-gram/acre in 200-liter of water.

Vegetables:

- This time is suitable for sowing of **Onion** in nursery bed with a seed rate of 4kg/acre. Before sowing treat the seeds with Captan @ 2g/kg seeds. Pre emergence herbicides may be used in Onion in nursery bed like Quizalofop ethyl 5% EC @50g/ha at 15DAS.
- Irrigate the field regularly.
- Go for sowing of **tomato** using resistant varieties like BT-2, BT-10, BT-12, etc.
- Before sowing of vegetables, apply well decomposed FYM or compost that will improve the physical and biological properties of soil and thus increase the water retention capacity of soil.
- This is the best time to raise nursery for **cole crops** like cabbage and cauliflower on raised bed.
- Cole crops may get affected by **diamond back moth**. To control this apply Spinosad 45SC @ 0.5ml/l.
- There is a chance of occurrence of **thrip, mites and Aphids** in Brinjal, Tomato, Chilli, cole crops, for control spray imidacloprid 0.3 ml /liter or fipronil 2 ml /liter of water.
- To control **leaf eating caterpillar and fruit borer** in winter vegetables like Brinjal, Cauliflower, Cabbage, Chilly & tomato apply 0.5 g Emamectin benzoate or 0.4 ml Spinosad per liter of water.
- There are chances of infestation of **fruit fly** in cucurbit vegetables. To manage fruit fly in cucurbits, prepare a poison bait by mixing 400- gram Jaggery and 8-ml Malathion or DDVP in 4-litre of water. Keep this mixture in plastic cups or clay pots @80-nos/acre. The fruit flies will be attracted to this and eventually get killed by falling into the poison baits.



Animal husbandry:

In winter during cold hours farmers should keep doors, windows and open spaces in sheds covered with polythene or gunny bag curtains to prevent direct contact to cold air.

- Trim the trees near shed and cattle keeping places to allow sunlight to fall on them.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-249
Date- 26/11/2021

AGROMET ADVISORY BULLETIN FOR SALEPUR

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

The block received average 3mm and district received average 0.83 mm rainfall during the last week.

Forecasted period: Today(8.30IST) to 01st December (8.30IST)2021

Weather advisory: Dry weather is forecasted for Today to Tuesday in the block. Minimum temperature will very likely to decrease in upcoming 5 days. The day temperature will be 28-30°C and night temperature will be 17-20°C for upcoming 5 days. Maximum and minimum relative humidity will be 60-70% and 32-43% 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	27/11/2021	28/11/2021	29/11/2021	30/11/2021	01/12/2021
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	30	29	28	28	28
T-Min(°C)	20	18	18	17	17
Cloud Cover(octa)	2	4	4	4	4
RH Max (%)	70	64	60	62	61
RH Min (%)	43	38	32	32	35
Wind Speed (Kmph)	9	10	8	8	11
Wind Direction (deg)	20	30	345	23	26

Agromet Advisory

General Advisory: Harvest matured paddy crops and store them in safer place after sun drying. Complete nursery sowing or transplanting of winter vegetable crops. Irrigate the nursery during morning and evening time. Use low cost polythene cover above the vegetables nursery to avoid poor germination due to low temperature. Go for sowing of pea, gram and green gram crop by utilizing residual soil moisture.

Kharif Rice:

If 85% of panicle is matured, then go for harvesting of the crop.

Pulses:

- The weather is optimum for sowing of pre-rabi **green gram** in the fallow uplands. Grow High Yielding varieties suitable for Cuttack such as Samrat, PDM-54, TARM-1, HUM-2 and OUM-11-5.
- Use 8 kg seeds/acre. Before sowing seeds are to be treated with 2 g Carbendazim/kg seeds.
Apply 8:16 kg NP/acre during final land preparation. Sow the seeds in line 25 cm apart with 8-10 cm plant to plant distance.

Rabi-Groundnut:

- Rabi groundnut** may be taken at 60kg/ acre. Treat the seeds with Thiram @ 3g/kg seeds seven days before sowing seeds.
- Before sowing treat the seeds with rhizobium culture and dry under shade for few hours and then sow the seeds at row-row spacing of 25cm and plant-plant spacing of 10cm at a depth of 3cm.
- Prepare the main field by through ploughing and apply 2ton of FYM.

Mustard:

There are chances of **Aphid** infestation in early sown mustard crop. To manage aphids at early stage, put 8 number of yellow sticky traps per acre and to manage Aphids chemically spray Thiamethoxam 25 % WG @ 40-gram/acre or Acetamiprid 20 % SP @ 50-gram/acre in 200-liter of water.

Vegetables:

- This time is suitable for sowing of **Onion** in nursery bed with a seed rate of 4kg/acre. Before sowing treat the seeds with Captan @ 2g/kg seeds. Pre emergence herbicides may be used in Onion in nursery bed like Quizalofop ethyl 5% EC @ 50g/ha at 15DAS.
- Irrigate the field regularly.
- Go for sowing of **tomato** using resistant varieties like BT-2, BT-10, BT-12, etc.
- Before sowing of vegetables, apply well decomposed FYM or compost that will improve the physical and biological properties of soil and thus increase the water retention capacity of soil.
- This is the best time to raise nursery for **cole crops** like cabbage and cauliflower on raised bed.
- Cole crops may get affected by **diamond back moth**. To control this apply Spinosad 45SC @ 0.5ml/l.
- There is a chance of occurrence of **thrip, mites and Aphids** in Brinjal, Tomato, Chilli, cole crops, for control spray imidachloprid 0.3 ml /liter or fipronil 2 ml /liter of water.
- To control **leaf eating caterpillar and fruit borer** in winter vegetables like Brinjal, Cauliflower, Cabbage, Chilly & tomato apply 0.5 g Emamectin benzoate or 0.4 ml Spinosad per liter of water.
- There are chances of infestation of **fruit fly** in cucurbit vegetables. To manage fruit fly in cucurbits, prepare a poison bait by mixing 400- gram Jaggery and 8-ml Malathion or DDVP in 4-litre of water. Keep this mixture in plastic cups or clay pots @ 80-nos/acre. The fruit flies will be attracted to this and eventually get killed by falling into the poison baits.



Animal husbandry:

In winter during cold hours farmers should keep doors, windows and open spaces in sheds covered with polythene or gunny bag curtains to prevent direct contact to cold air.

- Trim the trees near shed and cattle keeping places to allow sunlight to fall on them.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-249
Date- 26/11/2021

AGROMET ADVISORY BULLETIN FOR TANGI-CHOUDWAR

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

The block received average 0.1mm and district received average 0.83 mm rainfall during the last week.

Forecasted period: Today(8.30IST) to 01st December (8.30IST)2021

Weather advisory: Dry weather is forecasted for Today to Tuesday in the block. Minimum temperature will very likely to decrease in upcoming 5 days. The day temperature will be 27-30°C and night temperature will be 19-21°C for upcoming 5 days. Maximum and minimum relative humidity will be 61-72% and 40-52% 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	27/11/2021	28/11/2021	29/11/2021	30/11/2021	01/12/2021
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	30	29	28	28	27
T-Min(°C)	21	20	19	19	19
Cloud Cover(octa)	2	4	4	4	4
RH Max (%)	72	67	62	62	61
RH Min (%)	52	50	40	40	43
Wind Speed (Kmph)	13	14	13	14	16
Wind Direction (deg)	45	34	23	19	26

Agromet Advisory

General Advisory: Harvest matured paddy crops and store them in safer place after sun drying. Complete nursery sowing or transplanting of winter vegetable crops. Irrigate the nursery during morning and evening time. Use low cost polythene cover above the vegetables nursery to avoid poor germination due to low temperature. Go for sowing of pea, gram and green gram crop by utilizing residual soil moisture.

Kharif Rice:

If 85% of panicle is matured, then go for harvesting of the crop.

Pulses:

- The weather is optimum for sowing of pre-rabi **green gram** in the fallow uplands. Grow High Yielding varieties suitable for Cuttack such as Samrat, PDM-54, TARM-1, HUM-2 and OUM-11-5.
- Use 8 kg seeds/acre. Before sowing seeds are to be treated with 2 g Carbendazim/kg seeds.
- Apply 8:16 kg NP/acre during final land preparation. Sow the seeds in line 25 cm apart with 8-10 cm plant to plant distance.

Rabi-Groundnut:

- Rabi groundnut** may be taken at 60kg/ acre. Treat the seeds with Thiram @ 3g/kg seeds seven days before sowing seeds.
- Before sowing treat the seeds with rhizobium culture and dry under shade for few hours and then sow the seeds at row-row spacing of 25cm and plant-plant spacing of 10cm at a depth of 3cm.
- Prepare the main field by through ploughing and apply 2ton of FYM.

Mustard:

There are chances of **Aphid** infestation in early sown mustard crop. To manage aphids at early stage, put 8 number of yellow sticky traps per acre and to manage Aphids chemically spray Thiamethoxam 25 % WG @ 40-gram/acre or Acetamiprid 20 % SP @ 50-gram/acre in 200-liter of water.

Vegetables:

- This time is suitable for sowing of **Onion** in nursery bed with a seed rate of 4kg/acre. Before sowing treat the seeds with Captan @ 2g/kg seeds. Pre emergence herbicides may be used in Onion in nursery bed like Quizalofop ethyl 5% EC @ 50g/ha at 15DAS.
- Irrigate the field regularly.
- Go for sowing of **tomato** using resistant varieties like BT-2, BT-10, BT-12, etc.
- Before sowing of vegetables, apply well decomposed FYM or compost that will improve the physical and biological properties of soil and thus increase the water retention capacity of soil.
- This is the best time to raise nursery for **cole crops** like cabbage and cauliflower on raised bed.
- Cole crops may get affected by **diamond back moth**. To control this apply Spinosad 45SC @ 0.5ml/l.
- There is a chance of occurrence of **thrip, mites and Aphids** in Brinjal, Tomato, Chilli, cole crops, for control spray imidachloprid 0.3 ml /liter or fipronil 2 ml /liter of water.
- To control **leaf eating caterpillar and fruit borer** in winter vegetables like Brinjal, Cauliflower, Cabbage, Chilli & tomato apply 0.5 g Emamectin benzoate or 0.4 ml Spinosad per liter of water.
- There are chances of infestation of **fruit fly** in cucurbit vegetables. To manage fruit fly in cucurbits, prepare a poison bait by mixing 400- gram Jaggery and 8-ml Malathion or DDVP in 4-litre of water. Keep this mixture in plastic cups or clay pots @ 80-nos/acre. The fruit flies will be attracted to this and eventually get killed by falling into the poison baits.



Animal husbandry:

In winter during cold hours farmers should keep doors, windows and open spaces in sheds covered with polythene or gunny bag curtains to prevent direct contact to cold air.

- Trim the trees near shed and cattle keeping places to allow sunlight to fall on them.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-249
Date- 26/11/2021

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 0.83 mm rainfall during the last week.

Forecasted period: Today(8.30IST) to 01st December (8.30IST)2021

Weather advisory: Dry weather is forecasted for Today to Tuesday in the block. Minimum temperature will very likely to decrease in upcoming 5 days. The day temperature will be 28-30°C and night temperature will be 17-20°C for upcoming 5 days. Maximum and minimum relative humidity will be 57-78% and 30-42% 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	27/11/2021	28/11/2021	29/11/2021	30/11/2021	01/12/2021
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	30	29	28	28	28
T-Min(°C)	20	18	18	17	17
Cloud Cover(octa)	2	4	4	4	4
RH Max (%)	78	71	57	62	67
RH Min (%)	42	36	30	34	34
Wind Speed (Kmph)	6	7	6	7	6
Wind Direction (deg)	15	71	345	342	343

Agro met Advisory

General Advisory: Harvest matured paddy crops and store them in safer place after sun drying. Complete nursery sowing or transplanting of winter vegetable crops. Irrigate the nursery during morning and evening time. Use low cost polythene cover above the vegetables nursery to avoid poor germination due to low temperature. Go for sowing of pea, gram and green gram crop by utilizing residual soil moisture.

Kharif Rice:

If 85% of panicle is matured, then go for harvesting of the crop.

Pulses:

- The weather is optimum for sowing of pre-rabi **green gram** in the fallow uplands. Grow High Yielding varieties suitable for Cuttack such as Samrat, PDM-54, TARM-1, HUM-2 and OUM-11-5.
- Use 8 kg seeds/acre. Before sowing seeds are to be treated with 2 g Carbendazim/kg seeds.
- Apply 8:16 kg NP/acre during final land preparation. Sow the seeds in line 25 cm apart with 8-10 cm plant to plant distance.

Rabi-Groundnut:

- Rabi groundnut** may be taken at 60kg/ acre. Treat the seeds with Thiram @ 3g/kg seeds seven days before sowing seeds.
- Before sowing treat the seeds with rhizobium culture and dry under shade for few hours and then sow the seeds at row-row spacing of 25cm and plant-plant spacing of 10cm at a depth of 3cm.
- Prepare the main field by through ploughing and apply 2ton of FYM.

Mustard:

There are chances of **Aphid** infestation in early sown mustard crop. To manage aphids at early stage, put 8 number of yellow sticky traps per acre and to manage Aphids chemically spray Thiamethoxam 25 % WG @ 40-gram/acre or Acetamiprid 20 % SP @ 50-gram/acre in 200-liter of water.

Vegetables:

- This time is suitable for sowing of **Onion** in nursery bed with a seed rate of 4kg/acre. Before sowing treat the seeds with Captan @ 2g/kg seeds. Pre emergence herbicides may be used in Onion in nursery bed like Quizalofop ethyl 5% EC @ 50g/ha at 15DAS.
- Irrigate the field regularly.
- Go for sowing of **tomato** using resistant varieties like BT-2, BT-10, BT-12, etc.
- Before sowing of vegetables, apply well decomposed FYM or compost that will improve the physical and biological properties of soil and thus increase the water retention capacity of soil.
- This is the best time to raise nursery for **cole crops** like cabbage and cauliflower on raised bed.
- Cole crops may get affected by **diamond back moth**. To control this apply Spinosad 45SC @ 0.5ml/l.
- There is a chance of occurrence of **thrip, mites and Aphids** in Brinjal, Tomato, Chilli, cole crops, for control spray imidachloprid 0.3 ml /liter or fipronil 2 ml /liter of water.
- To control **leaf eating caterpillar and fruit borer** in winter vegetables like Brinjal, Cauliflower, Cabbage, Chilly & tomato apply 0.5 g Emamectin benzoate or 0.4 ml Spinosad per liter of water.
- There are chances of infestation of **fruit fly** in cucurbit vegetables. To manage fruit fly in cucurbits, prepare a poison bait by mixing 400- gram Jaggery and 8-ml Malathion or DDVP in 4-litre of water. Keep this mixture in plastic cups or clay pots @ 80-nos/acre. The fruit flies will be attracted to this and eventually get killed by falling into the poison baits.

Animal husbandry:

In winter during cold hours farmers should keep doors, windows and open spaces in sheds covered with polythene or gunny bag curtains to prevent direct contact to cold air.

- Trim the trees near shed and cattle keeping places to allow sunlight to fall on them.



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(Nodal officer)



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Bulletin No.-249
 Date- 26/11/2021

				
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- Kindly install and use **“Meghdoot mobile App”** for Cuttack district weather forecast, warnings and weather based agromet advisory services.

<https://play.google.com/store/apps/details?id=com.aas.meghdoot>

- Kindly install and use **“Damini mobile App”** for location specific for lightening forecast and warnings.

<https://play.google.com/store/apps/details?id=com.lightening.live.damini>

- Follow the **block specific whats app groups** and join in your block wise groups for getting weather based agromet advisory services twice in a week (Tuesday and Friday) and other weather warning based farm management advisories.
- Follow the **Official Website links** to get the weather based agromet advisory service bulletins (**English & Odia**) twice in a week (Tuesday and Friday).

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

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