

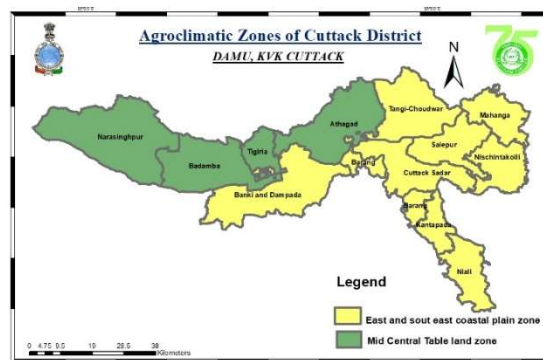


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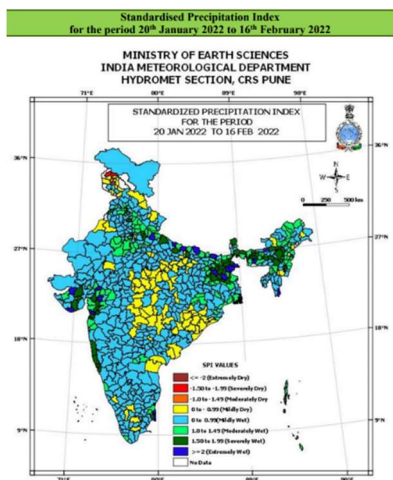


Bulletin No.-274
Date- 25/02/2022

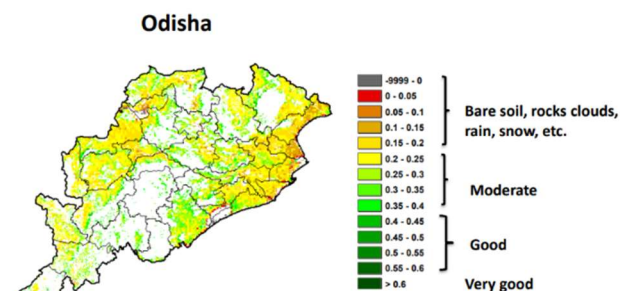
AGROCLIMATIC ZONES OF CUTTACK DISTRICT:



STANDARD PRECIPITATION INDEX AND NDVI MAP



NOAA/VIIRS/BLENDED NDVI Composite ending on Week no 07
(12.02.2022 to 18.02.2022) over Agricultural region



Agriculture vigour is moderate over the state.

As per SPI value (cumulative 4weeks -20 January 2022 – 16 February 2022), mildly wet condition was there in Cuttack district.

According to NDVI map (12.02.2022 to 18.02.2022) the agriculture vigor was very light to light over most eastern blocks and light to moderate over some western blocks of Cuttack district.

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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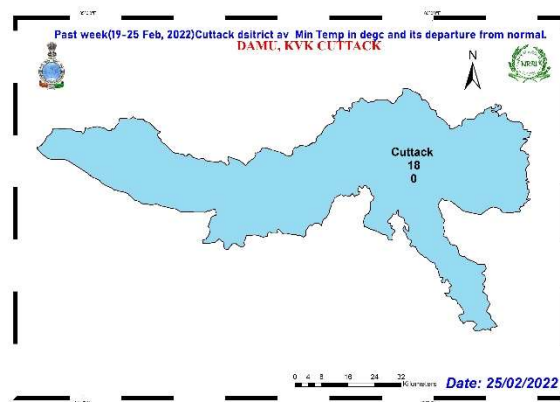
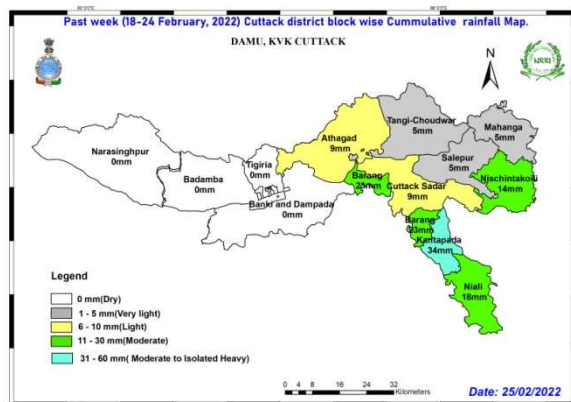


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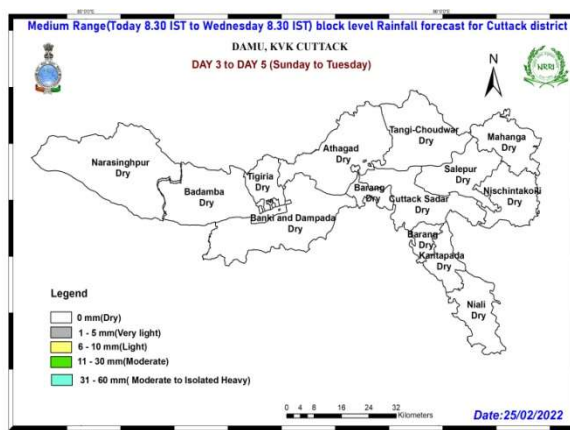
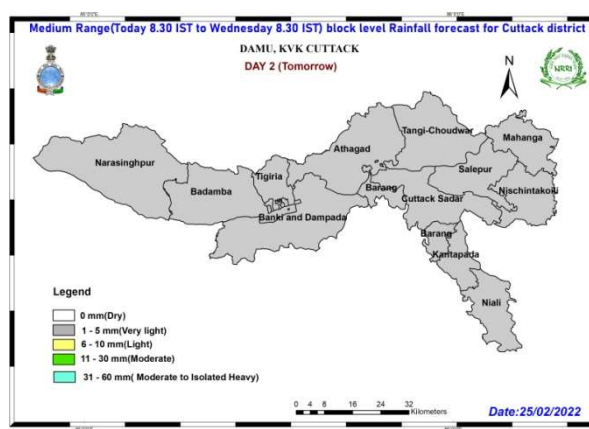
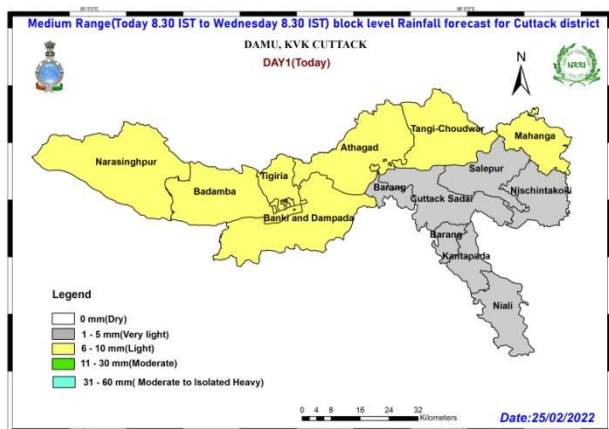


Bulletin No.-274
Date- 25/02/2022

Past week (18-24 Feb, 2022) cumulative rainfall and (19-25 Feb) average minimum temperature and its departure from normal for Cuttack district



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



Dr Sujata Sethy
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Bulletin No.-274
 Date- 25/02/2022

Met Sub division	Extended range outlook for subsequent 1 week (6 th to 12 th days) (02-08 March 2022)		
Odisha	<i>Parameter</i>	<i>Departure (%)</i>	<i>Category</i>
	Rainfall	-74.48	Below Normal
	<i>Parameter</i>	<i>Anomaly</i>	<i>Category</i>
	Maximum temperature	0.59	Normal
	Minimum temperature	-2.06	Below Normal

General Agromet Advisory:- As There will be below normal rainfall is forecasted in subsequent week, after upcoming 5 days, so farmers are advised to complete their pre summer sowing activity in upcoming 5days as soon as possible and should do irrigation activities in the subsequent week (the subsequent week below normal rainfall activity will impact crops mainly pulses, mustard and groundnut as maximum crops at flowering stage).

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 (Nodal officer)



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Bulletin No.-274

Date- 25/02/2022

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	Pulses (Green gram and black gram)	Flowering to pod development		Anthracnose
				Cercospora leaf spot
				YMV
2	Mustard	Flowering to maturity		Saw Fly
				Leaf webber
3	Rabi Groundnut	Flowering to maturity		Spodotera/Tobacco caterpillar
6	Tomato	Flowering to Fruiting		Late blight
				Bacterial Canker
				Sun burn
				Flower drop
				Bacterial wilt
7	Potato	Flowering to fruiting stage		Potato tuber moth

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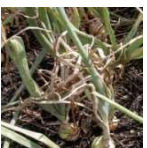


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Bulletin No.-274
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				Cut worm
8	Onion	Flowering		Purple blight
				Stemphylium Blight
10	Mango	Flowering		Mango hopper
				Thrips

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Bulletin No.-274
Date- 25/02/2022

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AGROMET ADVISORY BULLETIN FOR ATHAGAD

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

The block received average 1.3mm and district received average 1.27 mm rainfall during the last week. The mean daily maximum and minimum temperature was 31.2°C (-1.5°C from normal) and 18.8°C (+0.1°C from normal), respectively. Mean relative humidity of the district was around 64-88%.

Forecasted period: Today(8.30IST) to 02nd March (8.30IST)2022

Weather advisory: *Very light to light rainfall/thundershower is forecasted for today and tomorrow and Dry weather is forecasted for other 3 days in the block.* The day temperature will be 33-35°C and night temperature will be 18-21°C for upcoming 5 days. Maximum and minimum relative humidity will be 73-90% and 12-20% respectively. **There will be clear to partly cloudy sky for next 5days.**

Block	Athagad (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	25/02/2022	26/02/2022	27/02/2022	28/02/2022	01/03/2022
Rainfall (mm)	6	2	0	0	0
T-Max (°C)	33	33	33	35	35
T-Min (°C)	18	18	18	21	20
Cloud Cover (octa)	4	4	0	1	1
RH Max (%)	85	90	81	73	87
RH Min (%)	20	14	13	12	14
Wind Speed (kmph)	10	9	12	8	9
Wind Direction (deg)	195	195	203	150	148

Agromet Advisory

General advisory: Farmers should undertake field preparation for cultivation of different summer vegetables like sponge gourd, bottle gourd, pumpkin, water melon, musk melon etc. If seedlings are already raised in polythene bags; transplant in main field @ 2-3 seedlings per pit. **Irrigation, fertilizer and pesticide application should be paused as there will be rainfall activities likely to happen on today and tomorrow.**

Pulses: November to December sown crop is at pod formation to seed development (nine to twelve week) stage.

In case of **YMV infestation** uproots and destroys the infected plant and spray imidacloprid 50ml/acre mixing with 200 lit of water. There may be chances of infestation of **Anthraxnose and Cercosera leaf spot** in Pulses. To manage these spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre in 200 litr water.

Rabi-Groundnut:

Do not disturb the soil after flower initiation in groundnut. Do irrigation in the field based upon soil moisture. Due to abrupt rise and fall in temperature, there is possibility of attack of **Tobacco caterpillar** (Spodoptera litura). The forecasted weather is also favourable for its proliferation. This is a polyphagous pest. So following integrated approach should be started. Use Pheromone trap using Spodo lure to monitor adult population of the insect. In case of appearance of the caterpillar, prepare poison bait with 1 kg rice bran+ 200g jaggery/gur+20-25g Cartap Hydrochloride +Water. Keep the bait at 20-25 different places in the affected field.

Mustard: present weather may favour the infestation of **saw fly, leaf Webber**. To control saw fly, spray 400ml Endosulphan/acre, to control leaf webber spray 200 ml Ithofenprox or Deltamethrin per acre in 200 litr water.

Vegetables:

Tomato: Transplanted seedlings are at 6-8 week stage in main field. **Due deficiency of boron or due to hormonal disbalance flower drop occurs.** Control: Apply timely and required amount of irrigation. Spray Boron 20% 2 gram/lit during early flowering and 15 days later. Due to increase in temperature there may be chances of **bacterial canker and Sun burn** disease in tomato at fruiting stage. To control bacterial canker Farmers should spray Copper oxychloride 50% WP @ 3 g + Plantomycin @ 1 g/litre of water. They should use shade net to protect the crop from sun burn. **Bacterial wilt** may be reported in tomato field, to control it drenching with copper oxychloride @ 3g+ plantomycin @1 g/ litre of water.

• **Potato:** There are chances of **Potato Tuber Moth** infestation in potato. To manage this pest chemically spray Spinosad 45 % SC @ 75-ml/acre or Emamectin Benzoate 5% SG @ 80-gram/ acre or Chlorantraniliprole 18.5 % SC @80- ml/acre. To manage **cut worm** in potato crop spray Chlorpyrifos 50% + Cypermethrin 5 % E.C (Lethal-505/Super D) @ 400 ml/acre by mixing it in 200 litre of water.

• **Onion:** There are chances of **purple blotch and Stemphyllium blight** disease incidence in onion crop. To manage purple blotch and Stemphyllium leaf blight disease in onion spray Mancozeb 75% WP @ 600gram/acre or Difenoconazole 25% E.C @ 200ml/acre or Tebuconazole 25.9% E.C @ 100ml/acre by mixing in 200 litre of water at 15 days interval.

• **Cucurbits:** The current weather is favorable for attack of **red pumpkin beetle** in Cucumber & Bitter gourd. To control it spray Neem based pesticide 300ppm @ 5ml/litre of water at initial stages and at later stages spray Acephate @ 1g/litre of water.

• **Fruits:**

• **Mango:** Present weather conditions are favourable for the incidence of **Mango hoppers**. To control go for spraying of phosphamidon @ 0.5ml/l (or) dimethoate 2ml/l (or) chlorpyrifos @ 2.5ml/l. during initial stages of flowering. Spray Alpha Naphthyl Acetic Acid 4.5% SL @ 4.5 ml in 10 litre of water when tender fruits are in pea size. With the help of ring method of irrigation apply 25 kg FYM, 500 gram of urea and 1 kg of potash and phosphate at each tree. For **thrips** control, spraying of Acephate @ 1.5 g /litre of water is advocated.

• **Cashew:** Prevailing conditions are suitable for the incidence of Tea mosquito bug. Farmers are advised to go for spraying of Neem oil @ 5ml/L + Monocrotophos @ 1.6ml/L at new blush stage and Chlorpyrifos @ 2ml/L at flowering stage.

Mushroom: Initiate cultivation of paddy straw mushroom. As dry weather condition is prevailed in Cuttack district, Spray water if the mushrooms are at fruiting stage. Cover the Mushroom unit with water soaked Gunny bags to maintain the inside temperature.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-274
Date- 25/02/2022

AGROMET ADVISORY BULLETIN FOR BADAMBA

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

The block received average 0mm and district received average 1.27 mm rainfall during the last week. The mean daily maximum and minimum temperature was 31.2°C (-1.5°C from normal) and 18.8°C (+0.1°C from normal), respectively. Mean relative humidity of the district was around 64-88%.

Forecasted period: Today(8.30IST) to 02nd March (8.30IST)2022

Weather advisory: Very light to light rainfall/thundershower is forecasted for today and tomorrow and Dry weather is forecasted for other 3 days in the block. The day temperature will be 33-35°C and night temperature will be 17-20°C for upcoming 5 days. Maximum and minimum relative humidity will be 60-90% and 11-19% respectively. There will be clear to partly cloudy sky for next 5 days.

Block	Badamba (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	25/02/2022	26/02/2022	27/02/2022	28/02/2022	01/03/2022
Rainfall(mm)	7	2	0	0	0
T-Max(°C)	33	33	33	35	35
T-Min(°C)	17	17	17	20	19
Cloud Cover(octa)	4	4	0	1	2
RH Max (%)	83	90	73	60	87
RH Min (%)	19	11	11	12	12
Wind Speed (Kmph)	10	9	12	7	9
Wind Direction (deg)	195	171	203	117	158

Agromet Advisory

General advisory: Farmers should undertake field preparation for cultivation of different summer vegetables like sponge gourd, bottle gourd, pumpkin, water melon, musk melon etc. If seedlings are already raised in polythene bags; transplant in main field @ 2-3 seedlings per pit. Irrigation, fertilizer and pesticide application should be paused as there will be rainfall activities likely to happen on today and tomorrow.

Pulses: November to December sown crop is at pod formation to seed development (nine to twelve week) stage.

In case of **YMV infestation** uproots and destroys the infected plant and spray imidacloprid 50ml/acre mixing with 200 lit of water. There may be chances of infestation of **Anthraxnose and Cercosera leaf spot** in Pulses. To manage these spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre in 200 ltr water.

Rabi-Groundnut:

Do not disturb the soil after flower initiation in groundnut. Do irrigation in the field based upon soil moisture. Due to abrupt rise and fall in temperature, there is possibility of attack of **Tobacco caterpillar** (Spodoptera litura). The forecasted weather is also favourable for its proliferation. This is a polyphagous pest. So following integrated approach should be started. Use Pheromone trap using Spodo lure to monitor adult population of the insect. In case of appearance of the caterpillar, prepare poison bait with 1 kg rice bran+ 200g jaggery/gur+20-25g Cartap Hydrochloride +Water. Keep the bait at 20-25 different places in the affected field.

Mustard: present weather may favour the infestation of **saw fly, leaf Webber**. To control saw fly, spray 400ml Endosulphan/acre, to control leaf webber spray 200 ml Ithofenprox or Deltamethrin per acre in 200 litr water.

Vegetables:

Tomato: Transplanted seedlings are at 6-8 week stage in main field. **Due deficiency of boron or due to hormonal disbalance flower drop occurs.** Control: Apply timely and required amount of irrigation. Spray Boron 20% 2 gram/lit during early flowering and 15 days later. Due to increase in temperature there may be chances of **bacterial canker and Sun burn** disease in tomato at fruiting stage. To control bacterial canker Farmers should spray Copper oxychloride 50% WP @ 3 g + Plantomycin @ 1 g/litre of water. They should use shade net to protect the crop from sun burn. **Bacterial wilt** may be reported in tomato field, to control it drenching with copper oxychloride @ 3g+ plantomycin @1 g/ litre of water.

• **Potato:** There are chances of **Potato Tuber Moth** infestation in potato. To manage this pest chemically spray Spinosad 45 % SC @ 75-ml/acre or Emamectin Benzoate 5% SG @ 80-gram/ acre or Chlorantraniliprole 18.5 % SC @80- ml/acre. To manage **cut worm** in potato crop spray Chlorpyrifos 50% + Cypermethrin 5 % E.C (Lethal-505/Super D) @ 400 ml/acre by mixing it in 200 litre of water.

• **Onion:** There are chances of **purple blotch and Stemphyllium blight** disease incidence in onion crop. To manage purple blotch and Stemphyllium leaf blight disease in onion spray Mancozeb 75% WP @ 600gram/acre or Difenconazole 25% E.C @ 200ml/acre or Tebuconazole 25.9% E.C @ 100ml/acre by mixing in 200 litre of water at 15 days interval.

• **Cucurbits:** The current weather is favorable for attack of **red pumpkin beetle** in Cucumber & Bitter gourd. To control it spray Neem based pesticide 300ppm @ 5ml/litre of water at initial stages and at later stages spray Acephate @ 1g/litre of water.

Fruits:

• **Mango:** Present weather conditions are favourable for the incidence of **Mango hoppers**. To control go for spraying of phosphamidon @ 0.5ml/l (or) dimethoate 2ml/l (or) chlorpyrifos @ 2.5ml/l. during initial stages of flowering. Spray Alpha Naphthyl Acetic Acid 4.5% SL @ 4.5 ml in 10 litre of water when tender fruits are in pea size. With the help of ring method of irrigation apply 25 kg FYM, 500 gram of urea and 1 kg of potash and phosphate at each tree. For **thrips** control, spraying of Acephate @ 1.5 g /litre of water is advocated.

• **Cashew:** Prevailing conditions are suitable for the incidence of Tea mosquito bug. Farmers are advised to go for spraying of Neem oil @ 5ml/L + Monocrotophos @ 1.6ml/L at new blush stage and Chlorpyrifos @ 2ml/L at flowering stage.

• **Mushroom:** Initiate cultivation of paddy straw mushroom. As dry weather condition is prevailed in Cuttack district, Spray water if the mushrooms are at fruiting stage. Cover the Mushroom unit with water soaked Gunny bags to maintain the inside temperature.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-274
Date- 25/02/2022

AGROMET ADVISORY BULLETIN FOR BANKI

District Past week average weather condition

The district received average 1.27 mm rainfall during the last week. The mean daily maximum and minimum temperature was 31.2°C (-1.5°C from normal) and 18.8°C (+0.1°C from normal), respectively. Mean relative humidity of the district was around 64-88%..

Forecasted period: Today(8.30IST) to 02nd March (8.30IST)2022

Weather advisory: *Very light to light rainfall/thundershower is forecasted for today and tomorrow and Dry weather is forecasted for other 3 days in the block.* The day temperature will be 33-35°C and night temperature will be 18-20°C for upcoming 5 days. Maximum and minimum relative humidity will be 68-89% and 12-20% respectively. There will be clear to partly cloudy sky for next 5 days.

Block	Banki (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	25/02/2022	26/02/2022	27/02/2022	28/02/2022	01/03/2022
Rainfall(mm)	8	1	0	0	0
T-Max(°C)	33	33	33	35	35
T-Min(°C)	18	18	18	20	19
Cloud Cover(octa)	4	4	0	1	1
RH Max (%)	85	89	78	68	88
RH Min (%)	20	13	12	12	13
Wind Speed (Kmph)	10	9	13	9	9
Wind Direction (deg)	195	180	203	165	146

Agromet Advisory

General advisory: Farmers should undertake field preparation for cultivation of different summer vegetables like sponge gourd, bottle gourd, pumpkin, water melon, musk melon etc. If seedlings are already raised in polythene bags; transplant in main field @ 2-3 seedlings per pit. Irrigation, fertilizer and pesticide application should be paused as there will be rainfall activities likely to happen on today and tomorrow.

Pulses: November to December sown crop is at pod formation to seed development (nine to twelve week) stage.

In case of **YMV infestation** uproots and destroys the infected plant and spray imidacloprid 50ml/acre mixing with 200 lit of water. There may be chances of infestation of **Anthraxnose and Cercosera leaf spot** in Pulses. To manage these spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre in 200 ltr water.

Rabi-Groundnut:

Do not disturb the soil after flower initiation in groundnut. Do irrigation in the field based upon soil moisture. Due to abrupt rise and fall in temperature, there is possibility of attack of **Tobacco caterpillar** (Spodoptera litura). The forecasted weather is also favourable for its proliferation. This is a polyphagous pest. So following integrated approach should be started. Use Pheromone trap using Spodo lure to monitor adult population of the insect. In case of appearance of the caterpillar, prepare poison bait with 1 kg rice bran+ 200g jaggery/gur+20-25g Cartap Hydrochloride +Water. Keep the bait at 20-25 different places in the affected field.

Mustard: present weather may favour the infestation of **saw fly, leaf Webber**. To control saw fly, spray 400ml Endosulphan/acre, to control leaf webber spray 200 ml Ithofenprox or Deltamethrin per acre in 200 litre water.

Vegetables:

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• **Cashew:** Prevailing conditions are suitable for the incidence of Tea mosquito bug. Farmers are advised to go for spraying of Neem oil @ 5ml/L + Monocrotophos @ 1.6ml/L at new blush stage and Chlorpyrifos @ 2ml/L at flowering stage.

• **Mushroom:** Initiate cultivation of paddy straw mushroom. As dry weather condition is prevailed in Cuttack district, Spray water if the mushrooms are at fruiting stage. Cover the Mushroom unit with water soaked Gunny bags to maintain the inside temperature.

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(Nodal officer)



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Bulletin No.-274
Date- 25/02/2022

AGROMET ADVISORY BULLETIN FOR BANKI-DAMPARA

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

The block received average 0mm and district received average 1.27 mm rainfall during the last week. The mean daily maximum and minimum temperature was 31.2°C (-1.5°C from normal) and 18.8°C (+0.1°C from normal), respectively. Mean relative humidity of the district was around 64-88%.

Forecasted period: Today(8.30IST) to 02nd March (8.30IST)2022

Weather Advisory: *Very light to light rainfall/thundershower is forecasted for today and tomorrow and Dry weather is forecasted for other 3 days in the block.* The day temperature will be 32-35°C and night temperature will be 18-20°C for upcoming 5 days. Maximum and minimum relative humidity will be 69-90% and 12-20% 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	25/02/2022	26/02/2022	27/02/2022	28/02/2022	01/03/2022
Rainfall(mm)	7	2	0	0	0
T-Max(°C)	32	33	33	35	35
T-Min(°C)	18	18	18	20	19
Cloud Cover(octa)	4	4	0	1	1
RH Max (%)	85	90	78	69	88
RH Min (%)	20	13	13	12	14
Wind Speed (Kmph)	10	9	13	9	9
Wind Direction (deg)	195	180	203	165	146

Agromet Advisory

General advisory: Farmers should undertake field preparation for cultivation of different summer vegetables like sponge gourd, bottle gourd, pumpkin, water melon, musk melon etc. If seedlings are already raised in polythene bags; transplant in main field @ 2-3 seedlings per pit. Irrigation, fertilizer and pesticide application should be paused as there will be rainfall activities likely to happen on today and tomorrow.

Pulses: November to December sown crop is at pod formation to seed development (nine to twelve week) stage.

In case of **YMV infestation** uproots and destroys the infected plant and spray imidacloprid 50ml/acre mixing with 200 lit of water. There may be chances of infestation of **Anthraxnose and Cercopsera leaf spot** in Pulses. To manage these spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre in 200 ltr water.

Rabi-Groundnut:

Do not disturb the soil after flower initiation in groundnut. Do irrigation in the field based upon soil moisture. Due to abrupt rise and fall in temperature, there is possibility of attack of **Tobacco caterpillar** (Spodoptera litura). The forecasted weather is also favourable for its proliferation. This is a polyphagous pest. So following integrated approach should be started. Use Pheromone trap using Spodo lure to monitor adult population of the insect. In case of appearance of the caterpillar, prepare poison bait with 1 kg rice bran+ 200g jaggery/gur+20-25g Cartap Hydrochloride +Water. Keep the bait at 20-25 different places in the affected field.

Mustard: present weather may favour the infestation of **saw fly, leaf Webber**. To control saw fly, spray 400ml Endosulphan/acre, to control leaf webber spray 200 ml Ithofenpro or Deltamethrin per acre in 200 litr water.

Vegetables:

Tomato: Transplanted seedlings are at 6-8 week stage in main field. **Due deficiency of boron or due to hormonal disbalance flower drop occurs.** Control: Apply timely and required amount of irrigation. Spray Boron 20% 2 gram/lit during early flowering and 15 days later. Due to increase in temperature there may be chances of **bacterial canker and Sun burn** disease in tomato at fruiting stage. To control bacterial canker Farmers should spray Copper oxychloride 50% WP @ 3 g + Plantomycin @ 1 g/litre of water. They should use shade net to protect the crop from sun burn. **Bacterial wilt** may be reported in tomato field, to control it drenching with copper oxychloride @ 3g+ plantomycin @1 g/ litre of water.

• **Potato:** There are chances of **Potato Tuber Moth** infestation in potato. To manage this pest chemically spray Spinosad 45 % SC @ 75-ml/acre or Emamectin Benzoate 5% SG @ 80-gram/ acre or Chlorantraniliprole 18.5 % SC @80- ml/acre. To manage **cut worm** in potato crop spray Chlorpyrifos 50% + Cypermethrin 5 % E.C (Lethal-505/Super D) @ 400 ml/acre by mixing it in 200 litre of water.

• **Onion:** There are chances of **purple blotch and Stemphyllium blight** disease incidence in onion crop. To manage purple blotch and Stemphyllium leaf blight disease in onion spray Mancozeb 75% WP @ 600gram/acre or Difenconazole 25% E.C @ 200ml/acre or Tebuconazole 25.9% E.C @ 100ml/acre by mixing in 200 litre of water at 15 days interval.

• **Cucurbits:** The current weather is favorable for attack of **red pumpkin beetle** in Cucumber & Bitter gourd. To control it spray Neem based pesticide 300ppm@5ml/litre of water at initial stages and at later stages spray Acephate@1g/litre of water.

Fruits:

• **Mango:** Present weather conditions are favourable for the incidence of **Mango hoppers**. To control go for spraying of phosphamidon @ 0.5ml/l (or) dimethoate 2ml/l (or) chlorpyrifos @2.5ml/l. during initial stages of flowering. Spray Alpha Naphthyl Acetic Acid 4.5% SL @ 4.5 ml in 10 litre of water when tender fruits are in pea size. With the help of ring method of irrigation apply 25 kg FYM, 500 gram of urea and 1 kg of potash and phosphate at each tree. For **thrips** control, spraying of Acephate @1.5 g /litre of water is advocated.

• **Cashew:** Prevailing conditions are suitable for the incidence of Tea mosquito bug. Farmers are advised to go for spraying of Neem oil @ 5ml/L + Monocrotophos @ 1.6ml/L at new blush stage and Chlorpyrifos @ 2ml/L at flowering stage.

• **Mushroom:** Initiate cultivation of paddy straw mushroom. As dry weather condition is prevailed in Cuttack district, Spray water if the mushrooms are at fruiting stage. Cover the Mushroom unit with water soaked Gunny bags to maintain the inside temperature.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-274
Date- 25/02/2022

AGROMET ADVISORY BULLETIN FOR BARANGA

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

The block received average 3.3mm and district received average 1.27 mm rainfall during the last week. The mean daily maximum and minimum temperature was 31.2°C (-1.5°C from normal) and 18.8°C (+0.1°C from normal), respectively. Mean relative humidity of the district was around 64-88%.

Forecasted period: Today(8.30IST) to 02nd March (8.30IST)2022

Weather advisory: *Very light to light rainfall/thundershower is forecasted for today and tomorrow and Dry weather is forecasted for other 3 days in the block.* The day temperature will be 32-35°C and night temperature will be 19-21°C for upcoming 5 days. Maximum and minimum relative humidity will be 77-90% and 12-22% respectively. **There will be clear to partly cloudy sky for next 5days.**

Block	Baranga (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	25/02/2022	26/02/2022	27/02/2022	28/02/2022	01/03/2022
Rainfall(mm)	5	2	0	0	0
T-Max(°C)	32	32	33	35	34
T-Min(°C)	19	19	20	21	20
Cloud Cover	4	4	0	1	0
RH Max (%)	84	90	83	77	86
RH Min (%)	22	19	16	12	16
Wind Speed (Kmph)	10	9	12	10	8
Wind Direction (deg)	195	180	203	191	161

Agromet Advisory

General advisory: Farmers should undertake field preparation for cultivation of different summer vegetables like sponge gourd, bottle gourd, pumpkin, water melon, musk melon etc. If seedlings are already raised in polythene bags; transplant in main field @ 2-3 seedlings per pit. **Irrigation, fertilizer and pesticide application should be paused as there will be rainfall activities likely to happen on today and tomorrow.**

Pulses: November to December sown crop is at pod formation to seed development (nine to twelve week) stage.

In case of **YMV infestation** uproots and destroys the infected plant and spray imidacloprid 50ml/acre mixing with 200 lit of water. There may be chances of infestation of **Anthraxnose and Cercopsera leaf spot** in Pulses. To manage these spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre in 200 litr water.

Rabi-Groundnut:

Do not disturb the soil after flower initiation in groundnut. Do irrigation in the field based upon soil moisture. Due to abrupt rise and fall in temperature, there is possibility of attack of **Tobacco caterpillar** (Spodoptera litura). The forecasted weather is also favourable for its proliferation. This is a polyphagous pest. So following integrated approach should be started. Use Pheromone trap using Spodo lure to monitor adult population of the insect. In case of appearance of the caterpillar, prepare poison bait with 1 kg rice bran+ 200g jaggery/gur+20-25g Cartap Hydrochloride +Water. Keep the bait at 20-25 different places in the affected field.

Mustard: present weather may favour the infestation of **saw fly, leaf Webber**. To control saw fly, spray 400ml Endosulphan/acre, to control leaf webber spray 200 ml Ithofenpro or Deltamethrin per acre in 200 litr water.

Vegetables:

Tomato: Transplanted seedlings are at 6-8 week stage in main field. **Due deficiency of boron due to hormonal disbalance flower drop occurs.** Control: Apply timely and required amount of irrigation. Spray Boron 20% 2 gram/lit during early flowering and 15 days later. Due to increase in temperature there may be chances of **bacterial canker and Sun burn** disease in tomato at fruiting stage. To control bacterial canker Farmers should spray Copper oxychloride 50% WP @ 3 g + Plantomycin @ 1 g/litre of water. They should use shade net to protect the crop from sun burn. **Bacterial wilt** may be reported in tomato field, to control it drenching with copper oxychloride @ 3g+ plantomycin @1 g/ litre of water.

• **Potato:** There are chances of **Potato Tuber** moth infestation in potato. To manage this pest chemically spray Spinosad 45 % SC @ 75-ml/acre or Emamectin Benzoate 5% SG @ 80-gram/ acre or Chlorantraniliprole 18.5 % SC @80- ml/acre. To manage **cut worm** in potato crop spray Chlorpyrifos 50% + Cypermethrin 5 % E.C (Lethal-505/Super D) @ 400 ml/acre by mixing it in 200 litre of water.

• **Onion:** There are chances of **purple blotch and Stemphyllium blight** disease incidence in onion crop. To manage purple blotch and Stemphyllium leaf blight disease in onion spray Mancozeb 75% WP @ 600gram/acre or Difenconazole 25% E.C @ 200ml/acre or Tebuconazole 25.9% E.C @ 100ml/acre by mixing in 200 litre of water at 15 days interval.

• **Cucutbits:** The current weather is favorable for attack of **red pumpkin beetle** in Cucumber & Bitter gourd. To control it spray Neem based pesticide 300ppm@5ml/litre of water at initial stages and at later stages spray Acephate@1g/litre of water.

• **Fruits:**

• **Mango:** Present weather conditions are favourable for the incidence of **Mango hoppers**. To control go for spraying of phosphamidon @ 0.5ml/l (or) dimethoate 2ml/l (or) chlorpyrifos @2.5ml/l. during initial stages of flowering. Spray Alpha Naphthyl Acetic Acid 4.5% SL @ 4.5 ml in 10 litre of water when tender fruits are in pea size. With the help of ring method of irrigation apply 25 kg FYM, 500 gram of urea and 1 kg of potash and phosphate at each tree. For **thrips** control, spraying of Acephate @1.5 g /litre of water is advocated.

• **Cashew:** Prevailing conditions are suitable for the incidence of Tea mosquito bug. Farmers are advised to go for spraying of Neem oil @ 5ml/L + Monocrotophos @ 1.6ml/L at new blush stage and Chlorpyrifos @ 2ml/L at flowering stage.

• **Mushroom:** Initiate cultivation of paddy straw mushroom. As dry weather condition is prevailed in Cuttack district, Spray water if the mushrooms are at fruiting stage. Cover the Mushroom unit with water soaked Gunny bags to maintain the inside temperature.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-274
Date- 25/02/2022

AGROMET ADVISORY BULLETIN FOR CUTTACK SADAR

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

The block received average 1.3mm and district received average 1.27 mm rainfall during the last week. The mean daily maximum and minimum temperature was 31.2°C (-1.5°C from normal) and 18.8°C (+0.1°C from normal), respectively. Mean relative humidity of the district was around 64-88%.

Forecasted period: Today (8.30IST) to 02nd March (8.30IST) 2022

Weather advisory: Very light to light rainfall/thundershower is forecasted for today and tomorrow and Dry weather is forecasted for other 3 days in the block. The day temperature will be 32-35°C and night temperature will be 19-21°C for upcoming 5 days. Maximum and minimum relative humidity will be 76-90% and 12-21% respectively. There will be clear to partly cloudy sky for next 5 days.

Block	Cuttack sadar (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	25/02/2022	26/02/2022	27/02/2022	28/02/2022	01/03/2022
Rainfall(mm)	5	2	0	0	0
T-Max(°C)	32	32	33	35	34
T-Min(°C)	19	19	20	21	20
Cloud Cover(octa)	2	2	0	1	0
RH Max (%)	83	90	84	76	84
RH Min (%)	21	19	16	12	16
Wind Speed (Kmph)	11	8	12	9	8
Wind Direction (deg)	195	195	203	160	161

Agromet Advisory

General advisory: Farmers should undertake field preparation for cultivation of different summer vegetables like sponge gourd, bottle gourd, pumpkin, water melon, musk melon etc. If seedlings are already raised in polythene bags; transplant in main field @ 2-3 seedlings per pit. Irrigation, fertilizer and pesticide application should be paused as there will be rainfall activities likely to happen on today and tomorrow.

Pulses: November to December sown crop is at pod formation to seed development (nine to twelve week) stage.

In case of **YMV infestation** uproots and destroys the infected plant and spray imidacloprid 50ml/acre mixing with 200 lit of water. There may be chances of infestation of **Anthraxnose** and **Cercospora leaf spot** in Pulses. To manage these spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre in 200 ltr water.

Rabi-Groundnut:

Do not disturb the soil after flower initiation in groundnut. Do irrigation in the field based upon soil moisture. Due to abrupt rise and fall in temperature, there is possibility of attack of **Tobacco caterpillar** (Spodoptera litura). The forecasted weather is also favourable for its proliferation. This is a polyphagous pest. So following integrated approach should be started. Use Pheromone trap using Spodo lure to monitor adult population of the insect. In case of appearance of the caterpillar, prepare poison bait with 1 kg rice bran+ 200g jaggery/gur+20-25g Cartap Hydrochloride +Water. Keep the bait at 20-25 different places in the affected field.

Mustard: present weather may favour the infestation of **saw fly, leaf Webber**. To control saw fly, spray 400ml Endosulphan/acre, to control leaf webber spray 200 ml Ithofenprox or Deltamethrin per acre in 200 ltr water.

Vegetables:

Tomato: Transplanted seedlings are at 6-8 week stage in main field. Due deficiency of boron or due to hormonal disbalance **flower drop occurs**. Control: Apply timely and required amount of irrigation. Spray Boron 20% 2 gram/lit during early flowering and 15 days later. Due to increase in temperature there may be chances of **bacterial canker and Sun burn** disease in tomato at fruiting stage. To control bacterial canker farmers should spray Copper oxychloride 50% WP @ 3 g + Plantomycin @ 1 g/litre of water. They should use shade net to protect the crop from sun burn. **Bacterial wilt** may be reported in tomato field, to control it drenching with copper oxychloride @ 3g+ plantomycin @1 g/ litre of water.

• **Potato:** There are chances of **Potato Tuber Moth** infestation in potato. To manage this pest chemically spray Spinosad 45 % SC @ 75-ml/acre or Emamectin Benzoate 5% SG @ 80-gram/ acre or Chlorantraniliprole 18.5 % SC @ 80- ml/acre. To manage **cut worm** in potato crop spray Chlorpyrifos 50% + Cypermethrin 5 % E.C (Lethal-505/Super D) @ 400 ml/acre by mixing it in 200 litre of water.

• **Onion:** There are chances of **purple blotch and Stemphyllium blight** disease incidence in onion crop. To manage purple blotch and Stemphyllium leaf blight disease in onion spray Mancozeb 75% WP @ 600gram/acre or Difenconazole 25% E.C @ 200ml/acre or Tebuconazole 25.9% E.C @ 100ml/acre by mixing in 200 litre of water at 15 days interval.

• **Cucurbits:** The current weather is favorable for attack of **red pumpkin beetle** in Cucumber & Bitter gourd. To control it spray Neem based pesticide 300ppm @ 5ml/litre of water at initial stages and at later stages spray Acephate @ 1g/litre of water.

Fruits:

• **Mango:** Present weather conditions are favourable for the incidence of **Mango hoppers**. To control go for spraying of phosphamidon @ 0.5ml/l (or) dimethoate 2ml/l (or) chlorpyrifos @ 2.5ml/l. during initial stages of flowering. Spray Alpha Naphthyl Acetic Acid 4.5% SL @ 4.5 ml in 10 litre of water when tender fruits are in pea size. With the help of ring method of irrigation apply 25 kg FYM, 500 gram of urea and 1 kg of potash and phosphate at each tree. For **thrips** control, spraying of Acephate @ 1.5 g /litre of water is advocated.

• **Cashew:** Prevailing conditions are suitable for the incidence of Tea mosquito bug. Farmers are advised to go for spraying of Neem oil @ 5ml/L + Monocrotophos @ 1.6ml/L at new blush stage and Chlorpyrifos @ 2ml/L at flowering stage.

• **Mushroom:** Initiate cultivation of paddy straw mushroom. As dry weather condition is prevailed in Cuttack district, Spray water if the mushrooms are at fruiting stage. Cover the Mushroom unit with water soaked Gunny bags to maintain the inside temperature.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-274
Date- 25/02/2022

AGROMET ADVISORY BULLETIN FOR KANTAPADA

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

The block received average 4.8mm and district received average 1.27 mm rainfall during the last week. The mean daily maximum and minimum temperature was 31.2°C (-1.5°C from normal) and 18.8°C (+0.1°C from normal), respectively. Mean relative humidity of the district was around 64-88%.

Forecasted period: Today(8.30IST) to 02nd March (8.30IST)2022

Weather advisory: Very light to light rainfall/thundershower is forecasted for today and tomorrow and Dry weather is forecasted for other 3 days in the block. The day temperature will be 31-35°C and night temperature will be 19-22°C for upcoming 5 days. Maximum and minimum relative humidity will be 77-90% and 13-26% respectively. There will be clear to partly cloudy sky for next 5 days.

Block	Kantapada (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	25/02/2022	26/02/2022	27/02/2022	28/02/2022	01/03/2022
Rainfall(mm)	4	2	0	0	0
T-Max(°C)	31	32	33	35	34
T-Min(°C)	19	20	20	22	21
Cloud Cover(octa)	2	2	0	1	0
RH Max (%)	81	90	82	77	84
RH Min (%)	26	21	19	13	19
Wind Speed (Kmph)	10	8	12	11	8
Wind Direction (deg)	198	191	204	191	180

Agromet Advisory

General advisory: Farmers should undertake field preparation for cultivation of different summer vegetables like sponge gourd, bottle gourd, pumpkin, water melon, musk melon etc. If seedlings are already raised in polythene bags; transplant in main field @ 2-3 seedlings per pit. Irrigation, fertilizer and pesticide application should be paused as there will be rainfall activities likely to happen on today and tomorrow.

Pulses: November to December sown crop is at pod formation to seed development (nine to twelve week) stage.

In case of **YMV infestation** uproots and destroys the infected plant and spray imidacloprid 50ml/acre mixing with 200 lit of water. There may be chances of infestation of **Anthraxnose and Cercopsera leaf spot** in Pulses. To manage these spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre in 200 ltr water.

Rabi-Groundnut:

Do not disturb the soil after flower initiation in groundnut. Do irrigation in the field based upon soil moisture. Due to abrupt rise and fall in temperature, there is possibility of attack of **Tobacco caterpillar** (Spodoptera litura). The forecasted weather is also favourable for its proliferation. This is a polyphagous pest. So following integrated approach should be started. Use Pheromone trap using Spodo lure to monitor adult population of the insect. In case of appearance of the caterpillar, prepare poison bait with 1 kg rice bran+ 200g jaggery/gur+20-25g Cartap Hydrochloride +Water. Keep the bait at 20-25 different places in the affected field.

Mustard: present weather may favour the infestation of **saw fly, leaf Webber**. To control saw fly, spray 400ml Endosulphan/acre, to control leaf webber spray 200 ml Ithofenprox or Deltamethrin per acre in 200 ltr water.

Vegetables:

Tomato: Transplanted seedlings are at 6-8 week stage in main field. **Due deficiency of boron or due to hormonal disbalance flower drop occurs.** Control: Apply timely and required amount of irrigation. Spray Boron 20% 2 gram/lit during early flowering and 15 days later. Due to increase in temperature there may be chances of **bacterial canker and Sun burn** disease in tomato at fruiting stage. To control bacterial canker farmers should spray Copper oxychloride 50% WP @ 3 g + Plantomycin @ 1 g/litre of water. They should use shade net to protect the crop from sun burn. **Bacterial wilt** may be reported in tomato field, to control it drenching with copper oxychloride @ 3g+ plantomycin @1 g/ litre of water.

• **Potato:** There are chances of **Potato Tuber Moth** infestation in potato. To manage this pest chemically spray Spinosad 45 % SC @ 75-ml/acre or Emamectin Benzoate 5% SG @ 80-gram/ acre or Chlorantraniliprole 18.5 % SC @ 80- ml/acre. To manage **cut worm** in potato crop spray Chlorpyrifos 50% + Cypermethrin 5 % E.C (Lethal-505/Super D) @ 400 ml/acre by mixing it in 200 litre of water.

• **Onion:** There are chances of **purple blotch and Stemphyllium blight** disease incidence in onion crop. To manage purple blotch and Stemphyllium leaf blight disease in onion spray Mancozeb 75% WP @ 600gram/acre or Difenoconazole 25% E.C @ 200ml/acre or Tebuconazole 25.9% E.C @ 100ml/acre by mixing in 200 litre of water at 15 days interval.

• **Cucurbits:** The current weather is favorable for attack of **red pumpkin beetle** in Cucumber & Bitter gourd. To control it spray Neem based pesticide 300ppm @ 5ml/litre of water at initial stages and at later stages spray Acephate @ 1g/litre of water.

• **Fruits:**

• **Mango:** Present weather conditions are favourable for the incidence of **Mango hoppers**. To control go for spraying of phosphamidon @ 0.5ml/l (or) dimethoate 2ml/l (or) chlorpyrifos @ 2.5ml/l. during initial stages of flowering. Spray Alpha Naphthyl Acetic Acid 4.5% SL @ 4.5 ml in 10 litre of water when tender fruits are in pea size. With the help of ring method of irrigation apply 25 kg FYM, 500 gram of urea and 1 kg of potash and phosphate at each tree. For **thrips** control, spraying of Acephate @ 1.5 g /litre of water is advocated.

• **Cashew:** Prevailing conditions are suitable for the incidence of Tea mosquito bug. Farmers are advised to go for spraying of Neem oil @ 5ml/L + Monocrotophos @ 1.6ml/L at new blush stage and Chlorpyrifos @ 2ml/L at flowering stage.

• **Mushroom:** Initiate cultivation of paddy straw mushroom. As dry weather condition is prevailed in Cuttack district, Spray water if the mushrooms are at fruiting stage. Cover the Mushroom unit with water soaked Gunny bags to maintain the inside temperature.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-274
Date- 25/02/2022

AGROMET ADVISORY BULLETIN FOR MAHANGA

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

The block received average 1mm and district received average 1.27 mm rainfall during the last week. The mean daily maximum and minimum temperature was 31.2°C (-1.5°C from normal) and 18.8°C (+0.1°C from normal), respectively. Mean relative humidity of the district was around 64-88%.

Forecasted period: Today(8.30IST) to 02nd March (8.30IST)2022

Weather advisory: Very light to light rainfall/thundershower is forecasted for today and tomorrow and Dry weather is forecasted for other 3 days in the block. The day temperature will be and it will be 32-35°C and night temperature will be 19-21°C for upcoming 5 days. Maximum and minimum relative humidity will be 72-88% and 13-24% respectively. There will be clear to partly cloudy sky for next 5 days.

Block	Mahanga (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	25/02/2022	26/02/2022	27/02/2022	28/02/2022	01/03/2022
Rainfall(mm)	6	2	0	0	0
T-Max(°C)	32	32	33	35	34
T-Min(°C)	19	19	20	21	21
Cloud Cover(octal)	2	2	0	0	0
RH Max (%)	79	88	84	72	77
RH Min (%)	24	23	18	13	19
Wind Speed (Kmph)	11	8	12	8	8
Wind Direction (deg)	195	169	200	165	158

Agromet Advisory

General advisory: Farmers should undertake field preparation for cultivation of different summer vegetables like sponge gourd, bottle gourd, pumpkin, water melon, musk melon etc. If seedlings are already raised in polythene bags; transplant in main field @ 2-3 seedlings per pit. Irrigation, fertilizer and pesticide application should be paused as there will be rainfall activities likely to happen on today and tomorrow.

Pulses: November to December sown crop is at pod formation to seed development (nine to twelve week) stage.

In case of **YMV infestation** uproots and destroys the infected plant and spray imidacloprid 50ml/acre mixing with 200 lit of water. There may be chances of infestation of **Anthraxnose and Cercopsera leaf spot** in Pulses. To manage these spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre in 200 ltr water.

Rabi-Groundnut:

Do not disturb the soil after flower initiation in groundnut. Do irrigation in the field based upon soil moisture. Due to abrupt rise and fall in temperature, there is possibility of attack of **Tobacco caterpillar** (Spodoptera litura). The forecasted weather is also favourable for its proliferation. This is a polyphagous pest. So following integrated approach should be started. Use Pheromone trap using Spodo lure to monitor adult population of the insect. In case of appearance of the caterpillar, prepare poison bait with 1 kg rice bran+ 200g jaggery/gur+20-25g Cartap Hydrochloride +Water. Keep the bait at 20-25 different places in the affected field.

Mustard: present weather may favour the infestation of **saw fly, leaf Webber**. To control saw fly, spray 400ml Endosulphan/acre, to control leaf webber spray 200 ml Ithofenprox or Deltamethrin per acre in 200 litre water.

Vegetables:

Tomato: Transplanted seedlings are at 6-8 week stage in main field. Due deficiency of boron or due to hormonal disbalance flower drop occurs. Control: Apply timely and required amount of irrigation. Spray Boron 20% 2 gram/lit during early flowering and 15 days later. Due to increase in temperature there may be chances of **bacterial canker and Sun burn** disease in tomato at fruiting stage. To control bacterial canker farmers should spray Copper oxychloride 50% WP @ 3 g + Plantomycin @ 1 g/litre of water. They should use shade net to protect the crop from sun burn. **Bacterial wilt** may be reported in tomato field, to control it drenching with copper oxychloride @ 3g+ plantomycin @1 g/ litre of water.

• **Potato:** There are chances of **Potato Tuber Moth** infestation in potato. To manage this pest chemically spray Spinosad 45 % SC @ 75-ml/acre or Emamectin Benzoate 5% SG @ 80-gram/ acre or Chlorantraniliprole 18.5 % SC @ 80- ml/acre. To manage **cut worm** in potato crop spray Chlorpyrifos 50% + Cypermethrin 5 % E.C (Lethal-505/Super D) @ 400 ml/acre by mixing it in 200 litre of water.

• **Onion:** There are chances of **purple blotch and Stemphyllium blight** disease incidence in onion crop. To manage purple blotch and Stemphyllium leaf blight disease in onion spray Mancozeb 75% WP @ 600gram/acre or Difenoconazole 25% E.C @ 200ml/acre or Tebuconazole 25.9% E.C @ 100ml/acre by mixing in 200 litre of water at 15 days interval.

• **Cucurbits:** The current weather is favorable for attack of **red pumpkin beetle** in Cucumber & Bitter gourd. To control it spray Neem based pesticide 300ppm @ 5ml/litre of water at initial stages and at later stages spray Acephate @ 1g/litre of water.

• **Fruits:**

• **Mango:** Present weather conditions are favourable for the incidence of **Mango hoppers**. To control go for spraying of phosphamidon @ 0.5ml/l (or) dimethoate 2ml/l (or) chlorpyrifos @ 2.5ml/l. during initial stages of flowering. Spray Alpha Naphthyl Acetic Acid 4.5% SL @ 4.5 ml in 10 litre of water when tender fruits are in pea size. With the help of ring method of irrigation apply 25 kg FYM, 500 gram of urea and 1 kg of potash and phosphate at each tree. For **thrips** control, spraying of Acephate @ 1.5 g /litre of water is advocated.

• **Cashew:** Prevailing conditions are suitable for the incidence of Tea mosquito bug. Farmers are advised to go for spraying of Neem oil @ 5ml/L + Monocrotophos @ 1.6ml/L at new blush stage and Chlorpyrifos @ 2ml/L at flowering stage.

• **Mushroom:** Initiate cultivation of paddy straw mushroom. As dry weather condition is prevailed in Cuttack district, Spray water if the mushrooms are at fruiting stage. Cover the Mushroom unit with water soaked Gunny bags to maintain the inside temperature.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-274
Date- 25/02/2022

AGROMET ADVISORY BULLETIN FOR NARASINGHPUR

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

The block received average 0mm and district received average 1.27 mm rainfall during the last week. The mean daily maximum and minimum temperature was 31.2°C (-1.5°C from normal) and 18.8°C (+0.1°C from normal), respectively. Mean relative humidity of the district was around 64-88%.

Forecasted period: Today(8.30IST) to 02nd March (8.30IST)2022

Weather advisory: Very light to light rainfall/thundershower is forecasted for today and tomorrow and Dry weather is forecasted for other 3 days in the block. The day temperature will be 33-36°C and night temperature will be 16-19°C for upcoming 5 days. Maximum and minimum relative humidity will be 49-92% and 11-19% respectively. There will be clear to partly cloudy sky for next 5 days.

Block	Narasinghpur (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	25/02/2022	26/02/2022	27/02/2022	28/02/2022	01/03/2022
Rainfall(mm)	7	2	0	0	0
T-Max(°C)	33	33	33	36	36
T-Min(°C)	17	16	17	19	18
Cloud Cover(octa)	4	4	0	1	3
RH Max (%)	81	92	67	49	84
RH Min (%)	19	11	11	12	11
Wind Speed (Kmph)	7	7	9	5	7
Wind Direction (deg)	180	160	199	150	161

Agromet Advisory

General advisory: Farmers should undertake field preparation for cultivation of different summer vegetables like sponge gourd, bottle gourd, pumpkin, water melon, musk melon etc. If seedlings are already raised in polythene bags; transplant in main field @ 2-3 seedlings per pit. Irrigation, fertilizer and pesticide application should be paused as there will be rainfall activities likely to happen on today and tomorrow.

Pulses: November to December sown crop is at pod formation to seed development (nine to twelve week) stage.

In case of **YMV infestation** uproots and destroys the infected plant and spray imidacloprid 50ml/acre mixing with 200 lit of water. There may be chances of infestation of **Anthraxnose and Cercopsera leaf spot** in Pulses. To manage these spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre in 200 ltr water.

Rabi-Groundnut:

Do not disturb the soil after flower initiation in groundnut. Do irrigation in the field based upon soil moisture. Due to abrupt rise and fall in temperature, there is possibility of attack of **Tobacco caterpillar** (Spodoptera litura). The forecasted weather is also favourable for its proliferation. This is a polyphagous pest. So following integrated approach should be started. Use Pheromone trap using Spodo lure to monitor adult population of the insect. In case of appearance of the caterpillar, prepare poison bait with 1 kg rice bran+ 200g jaggery/gur+20-25g Cartap Hydrochloride +Water. Keep the bait at 20-25 different places in the affected field.

Mustard: present weather may favour the infestation of **saw fly, leaf Webber**. To control saw fly, spray 400ml Endosulphan/acre, to control leaf webber spray 200 ml Ithofenprox or Deltamethrin per acre in 200 litr water.

Vegetables:

Tomato: Transplanted seedlings are at 6-8 week stage in main field. **Due deficiency of boron or due to hormonal disbalance flower drop occurs.** Control: Apply timely and required amount of irrigation. Spray Boron 20% 2 gram/lit during early flowering and 15 days later. Due to increase in temperature there may be chances of **bacterial canker and Sun burn** disease in tomato at fruiting stage. To control bacterial canker farmers should spray Copper oxychloride 50% WP @ 3 g + Plantomycin @ 1 g/litre of water. They should use shade net to protect the crop from sun burn. **Bacterial wilt** may be reported in tomato field, to control it drenching with copper oxychloride @ 3g+ plantomycin @1 g/ litre of water.

• **Potato:** There are chances of **Potato Tuber Moth** infestation in potato. To manage this pest chemically spray Spinosad 45 % SC @ 75-ml/acre or Emamectin Benzoate 5% SG @ 80-gram/ acre or Chlorantraniliprole 18.5 % SC @ 80- ml/acre. To manage **cut worm** in potato crop spray Chlorpyrifos 50% + Cypermethrin 5 % E.C (Lethal-505/Super D) @ 400 ml/acre by mixing it in 200 litre of water.

• **Onion:** There are chances of **purple blotch and Stemphyllium blight** disease incidence in onion crop. To manage purple blotch and Stemphyllium leaf blight disease in onion spray Mancozeb 75% WP @ 600gram/acre or Difenoconazole 25% E.C @ 200ml/acre or Tebuconazole 25.9% E.C @ 100ml/acre by mixing in 200 litre of water at 15 days interval.

• **Cucurbits:** The current weather is favorable for attack of **red pumpkin beetle** in Cucumber & Bitter gourd. To control it spray Neem based pesticide 300ppm @ 5ml/litre of water at initial stages and at later stages spray Acephate @ 1g/litre of water.

Fruits:

• **Mango:** Present weather conditions are favourable for the incidence of **Mango hoppers**. To control go for spraying of phosphamidon @ 0.5ml/l (or) dimethoate 2ml/l (or) chlorpyrifos @ 2.5ml/l. during initial stages of flowering. Spray Alpha Naphthyl Acetic Acid 4.5% SL @ 4.5 ml in 10 litre of water when tender fruits are in pea size. With the help of ring method of irrigation apply 25 kg FYM, 500 gram of urea and 1 kg of potash and phosphate at each tree. For **thrips** control, spraying of Acephate @ 1.5 g /litre of water is advocated.

• **Cashew:** Prevailing conditions are suitable for the incidence of Tea mosquito bug. Farmers are advised to go for spraying of Neem oil @ 5ml/L + Monocrotophos @ 1.6ml/L at new blush stage and Chlorpyrifos @ 2ml/L at flowering stage.

• **Mushroom:** Initiate cultivation of paddy straw mushroom. As dry weather condition is prevailed in Cuttack district, Spray water if the mushrooms are at fruiting stage. Cover the Mushroom unit with water soaked Gunny bags to maintain the inside temperature

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-274
Date- 25/02/2022

AGROMET ADVISORY BULLETIN FOR NIALI

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

The block received average 3mm and district received average 1.27 mm rainfall during the last week. The mean daily maximum and minimum temperature was 31.2°C (-1.5°C from normal) and **18.8°C (+0.1°C from normal)**, respectively. Mean relative humidity of the district was around 64-88%.

Forecasted period: Today(8.30IST) to 02nd March (8.30IST)2022

Weather advisory: *Very light to light rainfall/thundershower is forecasted for today and tomorrow and Dry weather is forecasted for other 3 days in the block.* The day temperature will be 31-35°C and night temperature will be 20-22°C for upcoming 5 days. Maximum and minimum relative humidity will be 78-89% and 14-29% respectively. **There will be clear to partly cloudy sky for next 5 days.**

Block	Niali (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	25/02/2022	26/02/2022	27/02/2022	28/02/2022	01/03/2022
Rainfall(mm)	2	3	0	0	0
T-Max(°C)	31	32	33	35	34
T-Min(°C)	20	20	21	22	21
Cloud Cover(octa)	1	2	0	0	0
RH Max (%)	78	89	80	78	84
RH Min (%)	29	24	21	14	23
Wind Speed(Kmph)	10	9	12	11	9
Wind Direction(deg)	198	180	206	199	180

Agromet Advisory

General advisory: Farmers should undertake field preparation for cultivation of different summer vegetables like sponge gourd, bottle gourd, pumpkin, water melon, musk melon etc. If seedlings are already raised in polythene bags; transplant in main field @ 2-3 seedlings per pit. **Irrigation, fertilizer and pesticide application should be paused as there will be rainfall activities likely to happen on today and tomorrow.**

Pulses: November to December sown crop is at pod formation to seed development (nine to twelve week) stage.

In case of **YMV infestation** uproots and destroys the infected plant and spray imidacloprid 50ml/acre mixing with 200 lit of water. There may be chances of infestation of **Anthraxnose and Cercopsera leaf spot** in Pulses. To manage these spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre in 200 ltr water.

Rabi-Groundnut: Do not disturb the soil after flower initiation in groundnut. Do irrigation in the field based upon soil moisture. Due to abrupt rise and fall in temperature, there is possibility of attack of **Tobacco caterpillar** (Spodoptera litura). The forecasted weather is also favourable for its proliferation. This is a polyphagous pest. So following integrated approach should be started. Use Pheromone trap using Spodo lure to monitor adult population of the insect. In case of appearance of the caterpillar, prepare poison bait with 1 kg rice bran+ 200g jaggery/gur+20-25g Cartap Hydrochloride +Water. Keep the bait at 20-25 different places in the affected field.

Mustard: present weather may favour the infestation of **saw fly, leaf Webber**. To control saw fly, spray 400ml Endosulphan/acre, to control leaf webber spray 200 ml Ithofenprox or Deltamethrin per acre in 200 litr water.

Vegetables:

Tomato: Transplanted seedlings are at 6-8 week stage in main field. **Due deficiency of boron or due to hormonal disbalance flower drop occurs.** Control: Apply timely and required amount of irrigation. Spray Boron 20% 2 gram/lit during early flowering and 15 days later. Due to increase in temperature there may be chances of **bacterial canker and Sun burn** disease in tomato at fruiting stage. To control bacterial canker Farmers should spray Copper oxychloride 50% WP @ 3 g + Plantomycin @ 1 g/litre of water. They should use shade net to protect the crop from sun burn. **Bacterial wilt** may be reported in tomato field, to control it drenching with copper oxychloride @ 3g+ plantomycin @1 g/ litre of water.

• **Potato:** There are chances of **Potato Tuber Moth** infestation in potato. To manage this pest chemically spray Spinosad 45 % SC @ 75-ml/acre or Emamectin Benzoate 5% SG @ 80-gram/ acre or Chlorantraniliprole 18.5 % SC @80- ml/acre. To manage **cut worm** in potato crop spray Chlorpyrifos 50% + Cypermethrin 5 % E.C (Lethal-505/Super D) @ 400 ml/acre by mixing it in 200 litre of water.

• **Onion:** There are chances of **purple blotch and Stemphyllium blight** disease incidence in onion crop. To manage purple blotch and Stemphyllium leaf blight disease in onion spray Mancozeb 75% WP @ 600gram/acre or Difenconazole 25% E.C @ 200ml/acre or Tebuconazole 25.9% E.C @ 100ml/acre by mixing in 200 litre of water at 15 days interval.

• **Cucurbits:** The current weather is favorable for attack of **red pumpkin beetle** in Cucumber & Bitter gourd. To control it spray Neem based pesticide 300ppm @ 5ml/litre of water at initial stages and at later stages spray Acephate @ 1g/litre of water.

Fruits:

• **Mango:** Present weather conditions are favourable for the incidence of **Mango hoppers**. To control go for spraying of phosphamidon @ 0.5ml/l (or) dimethoate 2ml/l (or) chlorpyrifos @ 2.5ml/l. during initial stages of flowering. Spray Alpha Naphthyl Acetic Acid 4.5% SL @ 4.5 ml in 10 litre of water when tender fruits are in pea size. With the help of ring method of irrigation apply 25 kg FYM, 500 gram of urea and 1 kg of potash and phosphate at each tree. For **thrips** control, spraying of Acephate @ 1.5 g /litre of water is advocated.

• **Cashew:** Prevailing conditions are suitable for the incidence of Tea mosquito bug. Farmers are advised to go for spraying of Neem oil @ 5ml/L + Monocrotophos @ 1.6ml/L at new blush stage and Chlorpyrifos @ 2ml/L at flowering stage.

• **Mushroom:** Initiate cultivation of paddy straw mushroom. As dry weather condition is prevailed in Cuttack district, Spray water if the mushrooms are at fruiting stage. Cover the Mushroom unit with water soaked Gunny bags to maintain the inside temperature.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-274
Date- 25/02/2022

AGROMET ADVISORY BULLETIN FOR NISCHINTAKOILI

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

The block received average 2mm and district received average 1.27 mm rainfall during the last week. The mean daily maximum and minimum temperature was 31.2°C (-1.5°C from normal) and 18.8°C (+0.1°C from normal), respectively. Mean relative humidity of the district was around 64-88%.

Forecasted period: Today(8.30IST) to 02nd March (8.30IST)2022

Weather advisory: *Very light to light rainfall/thundershower is forecasted for today and tomorrow and Dry weather is forecasted for other 3 days in the block.* The day temperature will be 32-35°C and night temperature will be 19-24°C for upcoming 5 days. Maximum and minimum relative humidity will be 74-89% and 13-24% respectively. **There will be clear to partly cloudy sky for next 5days.**

Block	Nischintakoili (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	25/02/2022	26/02/2022	27/02/2022	28/02/2022	01/03/2022
Rainfall(mm)	3	2	0	0	0
T-Max(°C)	32	32	33	35	34
T-Min(°C)	19	20	20	21	21
Cloud Cover(octa)	1	2	0	0	0
RH Max (%)	80	89	84	74	79
RH Min (%)	24	23	19	13	20
Wind Speed (Kmph)	11	8	12	9	9
Wind Direction (deg)	195	169	200	203	161

Agromet Advisory

General advisory: *Farmers should undertake field preparation for cultivation of different summer vegetables like sponge gourd, bottle gourd, pumpkin, water melon, musk melon etc. If seedlings are already raised in polythene bags; transplant in main field @ 2-3 seedlings per pit. Irrigation, fertilizer and pesticide application should be paused as there will be rainfall activities likely to happen on today and tomorrow.*

Pulses: November to December sown crop is at pod formation to seed development (nine to twelve week) stage.

In case of **YMV infestation** uproots and destroys the infected plant and spray imidacloprid 50ml/acre mixing with 200 lit of water. There may be chances of infestation of **Anthraxnose and Cercopsera leaf spot** in Pulses. To manage these spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre in 200 ltr water.

Rabi-Groundnut:

Do not disturb the soil after flower initiation in groundnut. Do irrigation in the field based upon soil moisture. Due to abrupt rise and fall in temperature, there is possibility of attack of **Tobacco caterpillar** (Spodoptera litura). The forecasted weather is also favourable for its proliferation. This is a polyphagous pest. So following integrated approach should be started. Use Pheromone trap using Spodo lure to monitor adult population of the insect. In case of appearance of the caterpillar, prepare poison bait with 1 kg rice bran+ 200g jaggery/gur+20-25g Cartap Hydrochloride +Water. Keep the bait at 20-25 different places in the affected field.

Mustard: present weather may favour the infestation of **saw fly, leaf Webber**. To control saw fly, spray 400ml Endosulphan/acre, to control leaf webber spray 200 ml Ithofenprox or Deltamethrin per acre in 200 litr water.

Vegetables:

Tomato: Transplanted seedlings are at 6-8 week stage in main field. **Due deficiency of boron or due to hormonal disbalance flower drop occurs.** Control: Apply timely and required amount of irrigation. Spray Boron 20% 2 gram/lit during early flowering and 15 days later. Due to increase in temperature there may be chances of **bacterial canker and Sun burn** disease in tomato at fruiting stage. To control bacterial canker Farmers should spray Copper oxychloride 50% WP @ 3 g + Plantomycin @ 1 g/litre of water. They should use shade net to protect the crop from sun burn. **Bacterial wilt** may be reported in tomato field, to control it drenching with copper oxychloride @ 3g+ plantomycin @1 g/ litre of water.

• **Potato:** There are chances of **Potato Tuber Moth** infestation in potato. To manage this pest chemically spray Spinosad 45 % SC @ 75-ml/acre or Emamectin Benzoate 5% SG @ 80-gram/ acre or Chlorantraniliprole 18.5 % SC @80- ml/acre. To manage **cut worm** in potato crop spray Chlorpyrifos 50% + Cypermethrin 5 % E.C (Lethal-505/Super D) @ 400 ml/acre by mixing it in 200 litre of water.

• **Onion:** There are chances of **purple blotch and Stemphyllium blight** disease incidence in onion crop. To manage purple blotch and Stemphyllium leaf blight disease in onion spray Mancozeb 75% WP @ 600gram/acre or Difenconazole 25% E.C @ 200ml/acre or Tebuconazole 25.9% E.C @ 100ml/acre by mixing in 200 litre of water at 15 days interval.

• **Cucurbits:** The current weather is favorable for attack of **red pumpkin beetle** in Cucumber & Bitter gourd. To control it spray Neem based pesticide 300ppm @ 5ml/litre of water at initial stages and at later stages spray Acephate @ 1g/litre of water.

• **Fruits:**

• **Mango:** Present weather conditions are favourable for the incidence of **Mango hoppers**. To control go for spraying of phosphamidon @ 0.5ml/l (or) dimethoate 2ml/l (or) chlorpyrifos @ 2.5ml/l. during initial stages of flowering. Spray Alpha Naphthyl Acetic Acid 4.5% SL @ 4.5 ml in 10 litre of water when tender fruits are in pea size. With the help of ring method of irrigation apply 25 kg FYM, 500 gram of urea and 1 kg of potash and phosphate at each tree. For **thrips** control, spraying of Acephate @ 1.5 g /litre of water is advocated.

• **Cashew:** Prevailing conditions are suitable for the incidence of Tea mosquito bug. Farmers are advised to go for spraying of Neem oil @ 5ml/L + Monocrotophos @ 1.6ml/L at new blush stage and Chlorpyrifos @ 2ml/L at flowering stage.

• **Mushroom:** Initiate cultivation of paddy straw mushroom. As dry weather condition is prevailed in Cuttack district, Spray water if the mushrooms are at fruiting stage. Cover the Mushroom unit with straw soaked Gunny bags to maintain the inside temperature.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-274
Date- 25/02/2022

AGROMET ADVISORY BULLETIN FOR SALEPUR

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

The block received average 1mm and district received average 1.27 mm rainfall during the last week. The mean daily maximum and minimum temperature was 31.2°C (-1.5°C from normal) and 18.8°C (+0.1°C from normal), respectively. Mean relative humidity of the district was around 64-88%.

Forecasted period: Today(8.30IST) to 02nd March (8.30IST)2022

Weather advisory: *Very light to light rainfall/thundershower is forecasted for today and tomorrow and Dry weather is forecasted for other 3 days in the block.* The day temperature will be 32-35°C and night temperature will be 19-21°C for upcoming 5 days. Maximum and minimum relative humidity will be 74-89% and 13-24% respectively. **There will be clear to partly cloudy sky for next 5 days.**

Block	Salepur (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	25/02/2022	26/02/2022	27/02/2022	28/02/2022	01/03/2022
Rainfall(mm)	5	2	0	0	0
T-Max(°C)	32	32	33	35	34
T-Min(°C)	19	20	20	21	21
Cloud Cover(octa)	2	2	0	0	0
RH Max (%)	81	89	84	74	79
RH Min (%)	24	23	19	13	19
Wind Speed (Kmph)	11	8	12	9	9
Wind Direction (deg)	195	169	200	165	161

Agromet Advisory

General advisory: Farmers should undertake field preparation for cultivation of different summer vegetables like sponge gourd, bottle gourd, pumpkin, water melon, musk melon etc. If seedlings are already raised in polythene bags; transplant in main field @ 2-3 seedlings per pit. Irrigation, fertilizer and pesticide application should be paused as there will be rainfall activities likely to happen on today and tomorrow.

Pulses: November to December sown crop is at pod formation to seed development (nine to twelve week) stage.

In case of **YMV infestation** uproots and destroys the infected plant and spray imidacloprid 50ml/acre mixing with 200 lit of water. There may be chances of infestation of **Anthraxnose and Cercopsera leaf spot** in Pulses. To manage these spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre in 200 ltr water.

Rabi-Groundnut:

Do not disturb the soil after flower initiation in groundnut. Do irrigation in the field based upon soil moisture. Due to abrupt rise and fall in temperature, there is possibility of attack of **Tobacco caterpillar** (Spodoptera litura). The forecasted weather is also favourable for its proliferation. This is a polyphagous pest. So following integrated approach should be started. Use Pheromone trap using Spodo lure to monitor adult population of the insect. In case of appearance of the caterpillar, prepare poison bait with 1 kg rice bran+ 200g jaggery/gur+20-25g Cartap Hydrochloride +Water. Keep the bait at 20-25 different places in the affected field.

Mustard: present weather may favour the infestation of **saw fly, leaf Webber**. To control saw fly, spray 400ml Endosulphan/acre, to control leaf webber spray 200 ml Ithofenprox or Deltamethrin per acre in 200 ltr water.

Vegetables:

Tomato: Transplanted seedlings are at 6-8 week stage in main field. **Due deficiency of boron or due to hormonal disbalance flower drop occurs.** Control: Apply timely and required amount of irrigation. Spray Boron 20% 2 gram/lit during early flowering and 15 days later. Due to increase in temperature there may be chances of **bacterial canker and Sun burn** disease in tomato at fruiting stage. To control bacterial canker farmers should spray Copper oxychloride 50% WP @ 3 g + Plantomycin @ 1 g/litre of water. They should use shade net to protect the crop from sun burn. **Bacterial wilt** may be reported in tomato field, to control it drenching with copper oxychloride @ 3g+ plantomycin @1 g/ litre of water.

• **Potato:** There are chances of **Potato Tuber Moth** infestation in potato. To manage this pest chemically spray Spinosad 45 % SC @ 75-ml/acre or Emamectin Benzoate 5% SG @ 80-gram/ acre or Chlorantraniliprole 18.5 % SC @ 80- ml/acre. To manage **cut worm** in potato crop spray Chlorpyrifos 50% + Cypermethrin 5 % E.C (Lethal-505/Super D) @ 400 ml/acre by mixing it in 200 litre of water.

• **Onion:** There are chances of **purple blotch and Stemphylium blight** disease incidence in onion crop. To manage purple blotch and Stemphylium leaf blight disease in onion spray Mancozeb 75% WP @ 600gram/acre or Difenoconazole 25% E.C @ 200ml/acre or Tebuconazole 25.9% E.C @ 100ml/acre by mixing in 200 litre of water at 15 days interval.

• **Cucurbits:** The current weather is favorable for attack of **red pumpkin beetle** in Cucumber & Bitter gourd. To control it spray Neem based pesticide 300ppm@5ml/litre of water at initial stages and at later stages spray Acephate@1g/litre of water.

• **Fruits:**

• **Mango:** Present weather conditions are favourable for the incidence of **Mango hoppers**. To control go for spraying of phosphamidon @ 0.5ml/l (or) dimethoate 2ml/l (or) chlorpyrifos @ 2.5ml/l. during initial stages of flowering. Spray Alpha Naphthyl Acetic Acid 4.5% SL @ 4.5 ml in 10 litre of water when tender fruits are in pea size. With the help of ring method of irrigation apply 25 kg FYM, 500 gram of urea and 1 kg of potash and phosphate at each tree. For **thrips** control, spraying of Acephate @1.5 g /litre of water is advocated.

• **Cashew:** Prevailing conditions are suitable for the incidence of Tea mosquito bug. Farmers are advised to go for spraying of Neem oil @ 5ml/L + Monocrotophos @ 1.6ml/L at new blush stage and Chlorpyrifos @ 2ml/L at flowering stage.

• **Mushroom:** Initiate cultivation of paddy straw mushroom. As dry weather condition is prevailed in Cuttack district, Spray water if the mushrooms are at fruiting stage. Cover the Mushroom unit with water soaked Gunny bags to maintain the inside temperature.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-274
Date- 25/02/2022

AGROMET ADVISORY BULLETIN FOR TANGI-CHOUDWAR

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

The block received average 1mm and district received average 1.27 mm rainfall during the last week. The mean daily maximum and minimum temperature was 31.2°C (-1.5°C from normal) and 18.8°C (+0.1°C from normal), respectively. Mean relative humidity of the district was around 64-88%.

Forecasted period: Today(8.30IST) to 02nd March (8.30IST)2022

Weather advisory: Very light to light rainfall/thundershower is forecasted for today and tomorrow and Dry weather is forecasted for other 3 days in the block. The day temperature will be 32-35°C and night temperature will be 19-21°C for upcoming 5 days. Maximum and minimum relative humidity will be 71-88% and 25-36% respectively. There will be clear to partly cloudy sky for next 5 days.

Block	Tangi-Choudwar (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	25/02/2022	26/02/2022	27/02/2022	28/02/2022	01/03/2022
Rainfall(mm)	6	2	0	0	0
T-Max(°C)	32	32	33	35	34
T-Min(°C)	19	20	20	21	21
Cloud Cover(octa)	4	3	0	0	0
RH Max (%)	74	88	77	71	76
RH Min (%)	36	36	28	25	32
Wind Speed (Kmph)	12	9	13	11	11
Wind Direction (deg)	165	158	180	208	116

Agromet Advisory

General advisory: Farmers should undertake field preparation for cultivation of different summer vegetables like sponge gourd, bottle gourd, pumpkin, water melon, musk melon etc. If seedlings are already raised in polythene bags; transplant in main field @ 2-3 seedlings per pit. Irrigation, fertilizer and pesticide application should be paused as there will be rainfall activities likely to happen on today and tomorrow.

Pulses: November to December sown crop is at pod formation to seed development (nine to twelve week) stage.

In case of **YMV infestation** uproots and destroys the infected plant and spray imidacloprid 50ml/acre mixing with 200 lit of water. There may be chances of infestation of **Anthraxnose and Cercosera leaf spot** in Pulses. To manage these spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre in 200 ltr water.

Rabi-Groundnut:

Do not disturb the soil after flower initiation in groundnut. Do irrigation in the field based upon soil moisture. Due to abrupt rise and fall in temperature, there is possibility of attack of **Tobacco caterpillar** (Spodoptera litura). The forecasted weather is also favourable for its proliferation. This is a polyphagous pest. So following integrated approach should be started. Use Pheromone trap using Spodo lure to monitor adult population of the insect. In case of appearance of the caterpillar, prepare poison bait with 1 kg rice bran+ 200g jaggery/gur+20-25g Cartap Hydrochloride +Water. Keep the bait at 20-25 different places in the affected field.

Mustard: present weather may favour the infestation of **saw fly, leaf Webber**. To control saw fly, spray 400ml Endosulphan/acre, to control leaf webber spray 200 ml Ithofenprox or Deltamethrin per acre in 200 litr water.

Vegetables:

Tomato: Transplanted seedlings are at 6-8 week stage in main field. **Due deficiency of boron or due to hormonal disbalance flower drop occurs.** Control: Apply timely and required amount of irrigation. Spray Boron 20% 2 gram/lit during early flowering and 15 days later. Due to increase in temperature there may be chances of **bacterial canker and Sun burn** disease in tomato at fruiting stage. To control bacterial canker Farmers should spray Copper oxychloride 50% WP @ 3 g + Plantomycin @ 1 g/litre of water. They should use shade net to protect the crop from sun burn. **Bacterial wilt** may be reported in tomato field, to control it drenching with copper oxychloride @ 3g+ plantomycin @1 g/ litre of water.

• **Potato:** There are chances of **Potato Tuber Moth** infestation in potato. To manage this pest chemically spray Spinosad 45 % SC @ 75-ml/acre or Emamectin Benzoate 5% SG @ 80-gram/ acre or Chlorantraniliprole 18.5 % SC @80- ml/acre. To manage **cut worm** in potato crop spray Chlorpyrifos 50% + Cypermethrin 5 % E.C (Lethal-505/Super D) @ 400 ml/acre by mixing it in 200 litre of water.

• **Onion:** There are chances of **purple blotch and Stemphyllium blight** disease incidence in onion crop. To manage purple blotch and Stemphyllium leaf blight disease in onion spray Mancozeb 75% WP @ 600gram/acre or Difenconazole 25% E.C @ 200ml/acre or Tebuconazole 25.9% E.C @ 100ml/acre by mixing in 200 litre of water at 15 days interval.

• **Cucurbits:** The current weather is favorable for attack of **red pumpkin beetle** in Cucumber & Bitter gourd. To control it spray Neem based pesticide 300ppm @ 5ml/litre of water at initial stages and at later stages spray Acephate @ 1g/litre of water.

Fruits:

• **Mango:** Present weather conditions are favourable for the incidence of **Mango hoppers**. To control go for spraying of phosphamidon @ 0.5ml/l (or) dimethoate 2ml/l (or) chlorpyrifos @ 2.5ml/l. during initial stages of flowering. Spray Alpha Naphthyl Acetic Acid 4.5% SL @ 4.5 ml in 10 litre of water when tender fruits are in pea size. With the help of ring method of irrigation apply 25 kg FYM, 500 gram of urea and 1 kg of potash and phosphate at each tree. For **thrips** control, spraying of Acephate @ 1.5 g /litre of water is advocated.

• **Cashew:** Prevailing conditions are suitable for the incidence of Tea mosquito bug. Farmers are advised to go for spraying of Neem oil @ 5ml/L + Monocrotophos @ 1.6ml/L at new blush stage and Chlorpyrifos @ 2ml/L at flowering stage.

• **Mushroom:** Initiate cultivation of paddy straw mushroom. As dry weather condition is prevailed in Cuttack district, Spray water if the mushrooms are at fruiting stage. Cover the Mushroom unit with straw soaked Gunny bags to maintain the inside temperature.

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Bulletin No.-274
Date- 25/02/2022

AGROMET ADVISORY BULLETIN FOR TIGIRIA

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

The block received average 0mm and district received average 1.27 mm rainfall during the last week. The mean daily maximum and minimum temperature was 31.2°C (-1.5°C from normal) and 18.8°C (+0.1°C from normal), respectively. Mean relative humidity of the district was around 64-88%.

Forecasted period: Today(8.30IST) to 02nd March (8.30IST)2022

Weather advisory: Very light to light rainfall/thundershower is forecasted for today and tomorrow and Dry weather is forecasted for other 3 days in the block. The day temperature will be 33-35°C and night temperature will be 18-20°C for upcoming 5 days. Maximum and minimum relative humidity will be 69-90% and 12-20% respectively. There will be clear to partly cloudy sky for next 5 days.

Block	Tigiria (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	25/02/2022	26/02/2022	27/02/2022	28/02/2022	01/03/2022
Rainfall(mm)	6	2	0	0	0
T-Max(°C)	33	33	33	35	35
T-Min(°C)	18	18	18	20	19
Cloud Cover(octa)	4	4	0	1	1
RH Max (%)	84	90	77	69	88
RH Min (%)	20	13	12	13	13
Wind Speed (Kmph)	10	9	12	8	9
Wind Direction (deg)	195	171	203	150	135

Agro met Advisory

General advisory: Farmers should undertake field preparation for cultivation of different summer vegetables like sponge gourd, bottle gourd, pumpkin, water melon, musk melon etc. If seedlings are already raised in polythene bags; transplant in main field @ 2-3 seedlings per pit. Irrigation, fertilizer and pesticide application should be paused as there will be rainfall activities likely to happen on today and tomorrow.

Pulses: November to December sown crop is at pod formation to seed development (nine to twelve week) stage.

In case of **YMV infestation** uproots and destroys the infected plant and spray imidacloprid 50ml/acre mixing with 200 lit of water. There may be chances of infestation of **Anthraxnose and Cercosera leaf spot** in Pulses. To manage these spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre in 200 ltr water.

Rabi-Groundnut:

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Vegetables:

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• **Onion:** There are chances of **purple blotch and Stemphyllium blight** disease incidence in onion crop. To manage purple blotch and Stemphyllium leaf blight disease in onion spray Mancozeb 75% WP @ 600gram/acre or Difenconazole 25% E.C @ 200ml/acre or Tebuconazole 25.9% E.C @ 100ml/acre by mixing in 200 litre of water at 15 days interval.

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

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

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