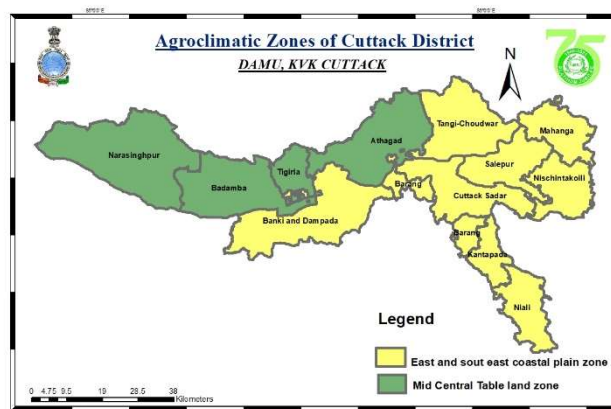
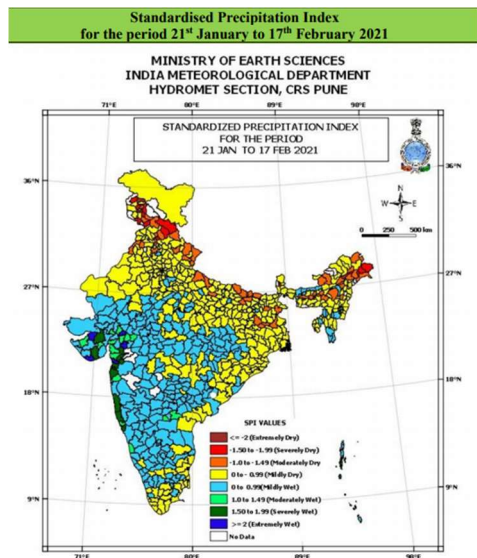


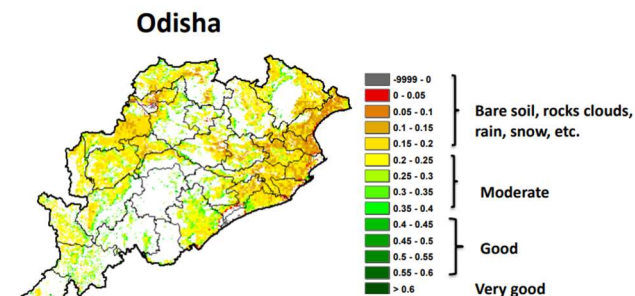
AGROCLIMATIC ZONES OF CUTTACK DISTRICT:



STANDARDIZED PRECIPITATION INDEX AND NDVI MAP



NOAA/VIIRS/BLENDED NDVI Composite ending on Week no 06
(05.02.2021 to 11.02.2021) over Agricultural region



Agriculture vigour is good over isolated places of the state.

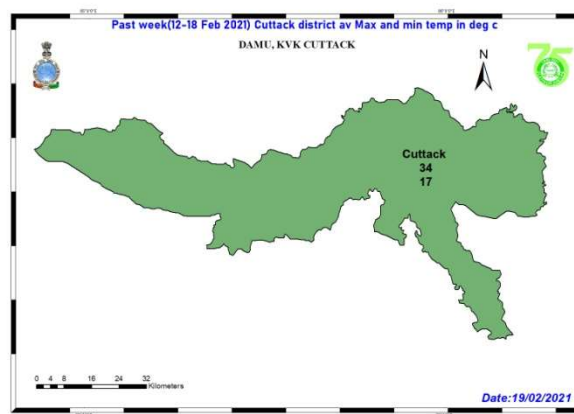
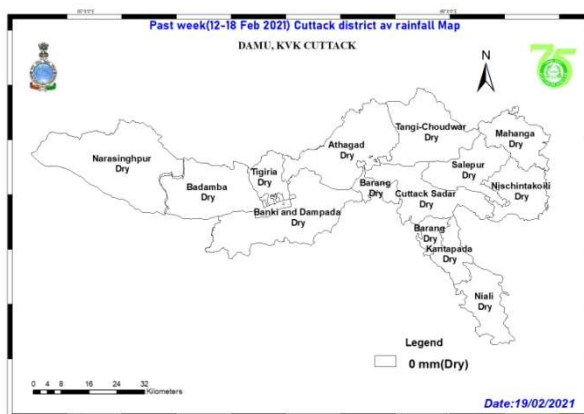
As per SPI value (cumulative 4weeks - 21January 2021 to 17February 2021), Mildly dry condition was there in Cuttack district.

According to NDVI map (05.02.2021 to 11.02.2021) the agriculture vigor was Very light to light over many of the blocks of Cuttack district and light to moderate over some places of Banki, Dampada, Badamba, Narsinghpur block.

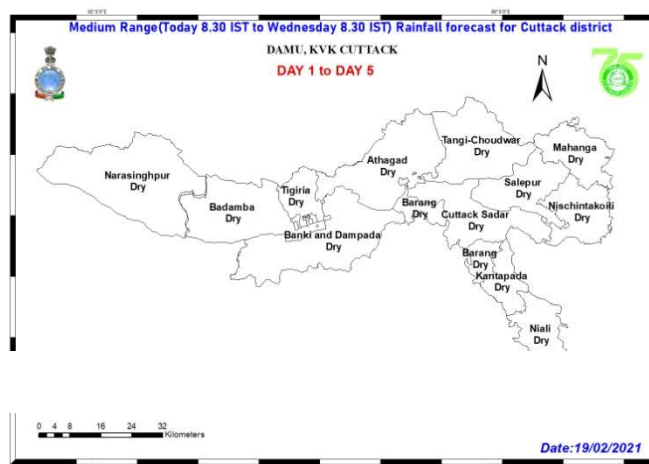
LEGEND (Medium range block level rainfall forecast)

	No Rainfall
	Very light rainfall
	Light rainfall
	Light to moderate rainfall
	Moderate to heavy rainfall
	Heavy rainfall
	Very heavy rainfall
	Extremely heavy rainfall

Past week (12-18 February 2021) Cuttack district Rainfall and Temperature map
















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















Extended range outlook for subsequent 1 week (6 th to 12 th days) (24 th February to 02 nd March 2021)		
Met Sub division	Departure (%)	Category
Odisha	-95.08	Below Normal

General Agromet Advisory:- As there was mild dry condition in last four weeks at Cuttack district and also there will be below normal rainfall in upcoming week (24th Feb-02nd March, 2021) in Odisha condition, so farmers are advised to continue their irrigation activities based upon soil moisture status.

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)	Vegetative stage to flowering	 Black headed caterpillar
			 Leaf crinkle virus
			 Anthracnose
			 Rust
2	Mustard	Vegetative stage to flowering	 White Rust
			 Painted Bug
			 Aphid
			 Alternaria blight
3	Rabi Groundnut	Vegetative stage to flowering	 Aphid and Mites
			 Spodotera/Tobacco caterpillar
4	Vegetables (Tomato, Chilli, Brinjal)	Vegetative to fruiting	 Mites
			 Chili Aphid
6	Tomato	Flowering to Fruting	 Late blight

				White fly
				Flower drop
7	Potato	Flowering to fruiting stage		Potato tuber moth
				Cut worm
8	Onion	Flowering		Purple blight
				Stemphylium Blight
8	Cabbage and Cauliflower	Vegetative to Flowering		Diamond back moth
				Leaf eating caterpillar
				Fruit borer
9	Mango	Vegetative to Flowering		Mango hopper
				Mealy bug
10	Papaya	Fruting stage		Mealy bug



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Bulletin No.-169
Date- 19/02/2021

AGROMET ADVISORY BULLETIN FOR ATHAGAD

District Past week weather condition and Block past Rainfall condition

The block received 0 mm and district received 0 mm rainfall during the last week. The mean daily maximum and minimum temperature was 34°C and 17°C, respectively. Mean relative humidity of the district was around 76-52%.

Forecasted period: Today(8.30IST) to 24thFebruary (8.30IST)2021

Weather advisory: No rainfall/dry weather is forecasted for upcoming 5days (Today (8.30IST) to Wednesday (8.30 IST)) in the block. The day temperature will be 31-34°C and night temperature will be 18-20°C for upcoming 5 days. Maximum and minimum relative humidity will be 53-78% and 10-18% respectively. There will be mainly clear to partly cloudy sky for next 5days.

Block	Athagad (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	20/02/2021	21/02/2021	22/02/2021	23/02/2021	24/02/2021
Rainfall (mm)	0	0	0	0	0
T-Max (°C)	31	32	32	34	34
T-Min (°C)	20	18	18	18	18
Cloud Cover (octa)	4	2	3	2	3
RH Max (%)	53	75	78	58	78
RH Min (%)	18	18	16	14	10
Wind Speed (kmph)	9	10	8	6	6
Wind Direction (deg)	68	68	75	203	210

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 should be continue as there was dry spell prevailed.

Pulses: In green gram/black gram, chances of infestation of **leaf eating caterpillar and black headed caterpillar** likely to occur. To control them, spray mixture of 2ml profenofos 50%EC or 2 ml quinalphos 25%EC or 1 ml dichlorvos 76%EC per litre of water @200 litres per acre during afternoon. There may be chances of **leaf crinkle disease** infestation due to past foggy and cold conditions. To manage the insect vector of the disease like whitefly and aphid spray Thiamethoxam 25% W. G@ 40 gram/acre or Acetamiprid 20% S.P. @ 50 gram/acre or Imidacloprid 17.8% SL @ 60-ml acre by mixing in 200 litre of water in 15 days interval. There may be chances of infestation of **Anthraxnose and Rust disease** in Pulses. To manage these spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre in 200 ltr water.

Rabi-Groundnut: Farmers are advised to do intercultivation and apply Gypsum @200 kg/ acre in Groundnut which is at flowering stage. To manage aphids Mites and thrips spray Thiamethoxam 25% W.G @ 40 gram/acre or Imidacloprid 17.8% SL @ 50-ml/acre by mixing it in 200 litre of water. For control of **Bihary hairy caterpillar and spodotera** go for spraying of fipronil 5% SL 400ml (or) indoxacarb 14.5% SC 80gm or neem oil 1000ml @ 200 liter of water per acre.

Mustard: As there are no chances of rainfall so one irrigation is needed at 50-60 days old plants. To meet the deficiency of Sulfur apply 200 gram sulfur per acre. To control **white rust disease** in mustard, spray Copper oxychloride @ 3g per litre of water. **Painted bug and Aphid attack** may take place in mustard crop, apply Thiamethoxam 25% WG @ 3g per 10 litres of water. To control the **leaf blight of mustard**, spray mancozeb @ 3 gram per liter or propeconazole @ 1 ml per liter at 15 days interval for 2-3 times.

Vegetables: Thrips and mites are prominent pests in vegetables at present. To control both, spray Bifenthrin @ 1g/litre or Profenophos @ 2ml/litre of water. To control the **sucking pests like aphid & white fly**, spray Imidacloprid @ 5ml/10 lit of water.

- Cabbage and Cauliflower:** The transplanted cabbage and Cauliflower is at head and Curd development to maturity (9-12 week) stage respectively. Harvest the matured heads and Curds in the upcoming dry days. Due to fluctuating temperature condition there may be an attack of **Diamond Back Moth** in Cabbage and cauliflower. To control this apply Spinosad 45SC @ 0.5ml/l. Present humid weather may cause Powdery mildew in cabbage, to control this spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre in 200 litre water. **Leaf eating caterpillar and fruit borer** may infest cabbage. Spray fipronil 5% SL 400ml or emamectinbenzoate 5% SG 80gm or indoxacarb 14.5% SC 200ml mixing in 200lit. of water per acre crop.
- Tomato:** Transplanted seedlings are at 6-8 week stage in main field. Due to water stress, 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. To manage **late blight** in tomato spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre at 10 days interval. To control **white fly** Spray Imidacloprid (18.7% S.L) 0.8 ml/lit of water or Acetamiprid 1 ml/lit of water or Diafenthiuron 12.5 gram/ 15 lit 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:** Do inter culture and hand weeding may be carried out at 45-50 DAT and application of 30-kg of urea and 15-kg of MOP fertilizer should be done at this stage. Onion being a shallow rooted crop, **needs frequent light irrigation to maintain optimum soil moisture for proper growth and bulb development**. 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.
- Fruits:** To control **mealy bug** infestation in papaya, guava, mango wet the soil near the root zone of the plant with Chlorpyrifos @ 4 ml per litre of water and spray the same insecticide on plant @ 2 ml per litre of water; do not pluck fruits within 15 days of spraying. **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.

Dr Sujata Sethy
(Nodal officer)



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



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Bulletin No.-169
Date- 19/02/2021

AGROMET ADVISORY BULLETIN FOR BADAMBA

District Past week weather condition and Block past Rainfall condition

The block received 0 mm and district received 0 mm rainfall during the last week. The mean daily maximum and minimum temperature was 34°C and 17°C, respectively. Mean relative humidity of the district was around 76-52%.

Forecasted period: Today(8.30IST) to 24th February (8.30IST)2021

Weatheradvisory: No rainfall/dry weather is forecasted for upcoming 5days (Today (8.30IST) to Wednesday (8.30 IST)) in the block. The day temperature will be 31-34°C and night temperature will be 17-19°C for upcoming 5 days. Maximum and minimum relative humidity will be 49-76% and 10-18% respectively. There will be mainly clear to partly cloudy sky for next 5days.

Block	Badamba(VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	20/02/2021	21/02/2021	22/02/2021	23/02/2021	24/02/2021
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	31	32	33	33	34
T-Min(°C)	19	18	18	17	18
Cloud Cover(octa)	4	3	3	2	3
RH Max (%)	58	76	73	49	63
RH Min (%)	18	17	15	15	10
Wind Speed (Kmph)	8	9	7	7	6
Wind Direction (deg)	105	75	165	199	338

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 should be continue as there was dry spell prevailed.

Pulses: In green gram/black gram, chances of infestation of **leaf eating caterpillar and black headed caterpillar** likely to occur. To control them, spray mixture of 2ml profenofos 50%EC or 2 ml quinalphos 25%EC or 1 ml dichlorvos 76%EC per litre of water @200 litres per acre during afternoon. There may be chances of **leaf crinkle disease** infestation due to past foggy and cold conditions. To manage the insect vector of the disease like whitefly and aphid spray Thiamethoxam 25% W. G @ 40 gram/acre or Acetamiprid 20% S.P. @ 50 gram/acre or Imidacloprid 17.8% SL @ 60-ml acre by mixing in 200 litre of water in 15 days interval. There may be chances of infestation of **Anthracnose and Rust disease** in Pulses. To manage these spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre in 200 ltr water.

Rabi-Groundnut: Farmers are advised to do intercultivation and apply Gypsum @200 kg/ acre in Groundnut which is at flowering stage. To manage aphids Mites and thrips spray Thiamethoxam 25% W.G @ 40 gram/acre or Imidacloprid 17.8% SL @ 50-ml/acre by mixing it in 200 litre of water. **For control of Bihary hairy caterpillar and spodotera** go for spraying of fipronil 5% SL 400ml (or) indoxacarb 14.5% SC 80gm or neem oil 1000ml @ 200 liter of water per acre.

Mustard: As there are no chances of rainfall so one irrigation is needed at 50-60 days old plants. To meet the deficiency of Sulphur apply 200 gram sulphur per acre. To control **white rust disease** in mustard, spray Copper oxychloride @ 3g per litre of water. **Painted bug and Aphid attack** may take place in mustard crop, apply Thiamethoxam 25% WG @ 3g per 10 litres of water. To control the **leaf blight of mustard**, spray mancozeb @ 3 gram per liter or propeconazole @ 1 ml per liter at 15 days interval for 2-3 times.

Vegetables: Thrips and mites are prominent pests in vegetables at present. To control both, spray Bifenthrin @1g/litre or Profenophos @2ml/litre of water. To control the **sucking pests like aphid & white fly**, spray Imidacloprid @ 5ml/10 lit of water.

- Cabbage and Cauliflower:** The transplanted cabbage and Cauliflower is at head and Curd development to maturity (9-12 week) stage respectively. **Harvest the matured heads and Curds in the upcoming dry days.** Due to fluctuating temperature condition there may be an attack of **Diamond Back Moth** in Cabbage and cauliflower. To control this apply Spinosad 45SC @ 0.5ml/l. Present humid weather may cause Powdery mildew in cabbage, to control this spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre in 200 litre water. **Leaf eating caterpillar and fruit borer** may infest cabbage. Spray fipronil 5% SL 400ml or emamectinbenzoate 5% SG 80gm or indoxacarb 14.5% SC 200ml mixing in 200lit. of water per acre crop.
- Tomato:** Transplanted seedlings are at 6-8 week stage in main field. **Due to water stress, 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. To manage **late blight** in tomato spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre at 10 days interval. To control **white fly** Spray Imidacloprid (18.7% S.L) 0.8 ml/lit of water or Acetamiprid 1 ml/lit of water or Diafenthiuron 12.5 gram/ 15 lit 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:** Do inter culture and hand weeding may be carried out at 45-50 DAT and application of 30-kg of urea and 15-kg of MOP fertilizer should be done at this stage. Onion being a shallow rooted crop, **needs frequent light irrigation to maintain optimum soil moisture for proper growth and bulb development.** 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.
- Fruits:** To control **mealy bug infestation in papaya, guava, mango** wet the soil near the root zone of the plant with Chlorpyrifos @ 4 ml per litre of water and spray the same insecticide on plant @ 2 ml per litre of water; do not pluck fruits within 15 days of spraying. **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.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-169
Date- 19/02/2021

AGROMET ADVISORY BULLETIN FORBANKI

District Past week weather condition and Block past Rainfall condition

The block received 0 mm and district received 0 mm rainfall during the last week. The mean daily maximum and minimum temperature was 34°C and 17°C, respectively. Mean relative humidity of the district was around 76-52%.

Forecasted period: Today(8.30IST) to 24th February (8.30IST)2021

Weather advisory: No rainfall/dry weather is forecasted for upcoming 5days (Today (8.30IST) to Wednesday (8.30 IST)) in the block. The day temperature will be 32-34°C and night temperature will be 17-19°C for upcoming 5 days. Maximum and minimum relative humidity will be 55-78% and 10-18% respectively. There will be mainly clear to partly cloudy sky for next 5days.

Block	Banki (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	20/02/2021	21/02/2021	22/02/2021	23/02/2021	24/02/2021
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	32	32	33	33	34
T-Min(°C)	19	18	18	17	18
Cloud Cover(octa)	3	2	3	2	3
RH Max (%)	57	78	77	55	72
RH Min (%)	17	18	16	15	10
Wind Speed (Kmph)	9	10	9	8	7
Wind Direction (deg)	297	75	68	199	195

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 should be continue as there was dry spell prevailed.

Pulses: In green gram/black gram, chances of infestation of **leaf eating caterpillar and black headed caterpillar** likely to occur. To control them, spray mixture of 2ml profenofos 50%EC or 2 ml quinalphos 25%EC or 1 ml dichlorvos 76%EC per litre of water @200 litres per acre during afternoon. There may be chances of **leaf crinkle disease** infestation due to past foggy and cold conditions. To manage the insect vector of the disease like whitefly and aphid spray Thiamethoxam 25% W. G @ 40 gram/acre or Acetamiprid 20% S.P. @ 50 gram/acre or Imidacloprid 17.8% SL @ 60-ml acre by mixing in 200 litre of water in 15 days interval. There may be chances of infestation of **Anthraxnose and Rust disease** in Pulses. To manage these spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre in 200 ltr water.

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Mustard: As there are no chances of rainfall so one irrigation is needed at 50-60 days old plants. To meet the deficiency of Sulphur apply 200 gram sulphur per acre. To control **white rust disease** in mustard, spray Copper oxychloride @ 3g per litre of water. **Painted bug and Aphid attack** may take place in mustard crop, apply Thiamethoxam 25% WG @ 3g per 10 litres of water. To control the **leaf blight of mustard**, spray mancozeb @ 3 gram per liter or propeconazole @ 1 ml per liter at 15 days interval for 2-3 times.

Vegetables: **Thrips and mites** are prominent pests in vegetables at present. To control both, spray Bifenthrin @ 1g/litre or Profenophos @ 2ml/litre of water. To control the **sucking pests like aphid & white fly**, spray Imidacloprid @ 5ml/10 lit of water.

- Cabbage and Cauliflower:** The transplanted cabbage and Cauliflower is at head and Curd development to maturity (9-12 week) stage respectively. **Harvest the matured heads and Curds in the upcoming dry days.** Due to fluctuating temperature condition there may be an attack of **Diamond Back Moth** in Cabbage and cauliflower. To control this apply Spinosad 45SC @ 0.5ml/l. Present humid weather may cause Powdery mildew in cabbage, to control this spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre in 200 litre water. **Leaf eating caterpillar and fruit borer** may infest cabbage. Spray fipronil 5% SL 400ml or emamectin benzoate 5% SG 80gm or indoxacarb 14.5% SC 200ml mixing in 200lit. of water per acre crop.
- Tomato:** Transplanted seedlings are at 6-8 week stage in main field. **Due to water stress, 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. To manage **late blight** in tomato spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre at 10 days interval. To control **white fly** Spray Imidacloprid (18.7% S.L) 0.8 ml/lit of water or Acetamiprid 1 ml/lit of water or Diafenthiuron 12.5 gram/ 15 lit 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:** Do inter culture and hand weeding may be carried out at 45-50 DAT and application of 30-kg of urea and 15-kg of MOP fertilizer should be done at this stage. Onion being a shallow rooted crop, **needs frequent light irrigation to maintain optimum soil moisture for proper growth and bulb development.** 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.
- Fruits:** To control **mealy bug infestation in papaya, guava, mango** wet the soil near the root zone of the plant with Chlorpyrifos @ 4 ml per litre of water and spray the same insecticide on plant @ 2 ml per litre of water; do not pluck fruits within 15 days of spraying. **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.

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(Nodal officer)



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Bulletin No.-169
Date- 19/02/2021

AGROMET ADVISORY BULLETIN FOR BANKI-DAMPARA

District Past week weather condition

The district received 0 mm rainfall during the last week. The mean daily maximum and minimum temperature was 34°C and 17°C, respectively. Mean relative humidity of the district was around 76-52%.

Forecasted period: Today(8.30IST) to 24th February (8.30IST)2021

Weather Advisory: No rainfall/dry weather is forecasted for upcoming 5 days (Today (8.30IST) to Wednesday (8.30 IST)) in the block. The day temperature will be 32-35°C and night temperature will be 17-19°C for upcoming 5 days. Maximum and minimum relative humidity will be 56-78% and 10-18% respectively. There will be mainly clear to partly cloudy sky for next 5 days.

Block	Banki-Dampara (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	20/02/2021	21/02/2021	22/02/2021	23/02/2021	24/02/2021
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	32	32	32	34	35
T-Min(°C)	19	18	18	17	18
Cloud Cover(octa)	3	2	3	2	3
RH Max (%)	57	77	78	56	73
RH Min (%)	17	18	16	15	10
Wind Speed (Kmph)	9	10	9	8	7
Wind Direction (deg)	293	75	68	199	203

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 should be continue as there was dry spell prevailed.

Pulses: In green gram/black gram, chances of infestation of **leaf eating caterpillar and black headed caterpillar** likely to occur. To control them, spray mixture of 2ml profenofos 50%EC or 2 ml quinalphos 25%EC or 1 ml dichlorvos 76%EC per litre of water @200 litres per acre during afternoon. There may be chances of **leaf crinkle disease** infestation due to past foggy and cold conditions. To manage the insect vector of the disease like whitefly and aphid spray Thiamethoxam 25% W. G @ 40 gram/acre or Acetamiprid 20% S.P. @ 50 gram/acre or Imidacloprid 17.8% SL @ 60-ml acre by mixing in 200 litre of water in 15 days interval. There may be chances of infestation of **Anthraxnose and Rust disease** in Pulses. To manage these spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre in 200 ltr water.

Rabi-Groundnut: Farmers are advised to do intercultivation and apply Gypsum @200 kg/ acre in Groundnut which is at flowering stage. To manage aphids Mites and thrips spray Thiamethoxam 25% W.G @ 40 gram/acre or Imidacloprid 17.8% SL @ 50-ml/acre by mixing it in 200 litre of water. For control of **Bihary hairy caterpillar and spodotera** go for spraying of fipronil 5% SL 400ml (or) indoxacarb 14.5% SC 80gm or neem oil 1000ml @ 200 liter of water per acre.

Mustard: As there are no chances of rainfall so one irrigation is needed at 50-60 days old plants. To meet the deficiency of Sulfur apply 200 gram sulfur per acre. To control **white rust disease** in mustard, spray Copper oxychloride @ 3g per litre of water. **Painted bug and Aphid attack** may take place in mustard crop, apply Thiamethoxam 25% WG @ 3g per 10 litres of water. To control the **leaf blight of mustard**, spray mancozeb @ 3 gram per liter or propeconazole @ 1 ml per liter at 15 days interval for 2-3 times.

Vegetables: Thrips and mites are prominent pests in vegetables at present. To control both, spray Bifenthrin @ 1g/litre or Profenophos @ 2ml/litre of water. To control the **sucking pests like aphid & white fly**, spray Imidacloprid @ 5ml/10 lit of water.

- Cabbage and Cauliflower:** The transplanted cabbage and Cauliflower is at head and Curd development to maturity (9-12 week) stage respectively. Harvest the matured heads and Curds in the upcoming dry days. Due to fluctuating temperature condition there may be an attack of **Diamond Back Moth** in Cabbage and cauliflower. To control this apply Spinosad 45SC @ 0.5ml/l. Present humid weather may cause Powdery mildew in cabbage, to control this spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre in 200 litre water. **Leaf eating caterpillar and fruit borer** may infest cabbage. Spray fipronil 5% SL 400ml or emamectinbenzoate 5% SG 80gm or indoxacarb 14.5% SC 200ml mixing in 200lit. of water per acre crop.
- Tomato:** Transplanted seedlings are at 6-8 week stage in main field. Due to water stress, 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. To manage **late blight** in tomato spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre at 10 days interval. To control **white fly** Spray Imidacloprid (18.7% S.L) 0.8 ml/lit of water or Acetamiprid 1 ml/lit of water or Diafenthiuron 12.5 gram/ 15 lit 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:** Do inter culture and hand weeding may be carried out at 45-50 DAT and application of 30-kg of urea and 15-kg of MOP fertilizer should be done at this stage. Onion being a shallow rooted crop, **needs frequent light irrigation to maintain optimum soil moisture for proper growth and bulb development**. 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.
- Fruits:** To control **mealy bug** infestation in papaya, guava, mango wet the soil near the root zone of the plant with Chlorpyrifos @ 4 ml per litre of water and spray the same insecticide on plant @ 2 ml per litre of water; do not pluck fruits within 15 days of spraying. **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.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-169
Date- 19/02/2021

AGROMET ADVISORY BULLETIN FOR BARANGA

District Past week weather condition and Block past Rainfall condition

The block received 0 mm and district received 0 mm rainfall during the last week. The mean daily maximum and minimum temperature was 34°C and 17°C, respectively. Mean relative humidity of the district was around 76-52%.

Forecasted period: Today(8.30IST) to 24th February (8.30IST)2021

Weather advisory: No rainfall/dry weather is forecasted for upcoming 5 days (Today (8.30IST) to Wednesday (8.30 IST)) in the block. The day temperature will be 31-34°C and night temperature will be 18-20°C for upcoming 5 days. Maximum and minimum relative humidity will be 51-84% and 11-19% respectively. There will be mainly clear to partly cloudy sky for next 5 days.

Block	Baranga (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	20/02/2021	21/02/2021	22/02/2021	23/02/2021	24/02/2021
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	31	32	32	33	34
T-Min(°C)	20	18	18	18	18
Cloud Cover	3	1	3	2	3
RH Max (%)	51	74	79	66	84
RH Min (%)	19	19	18	16	11
Wind Speed (Kmph)	11	12	10	8	8
Wind Direction (deg)	342	338	75	169	225

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 should be continue as there was dry spell prevailed.

Pulses: In green gram/black gram, chances of infestation of **leaf eating caterpillar and black headed caterpillar** likely to occur. To control them, spray mixture of 2ml profenofos 50%EC or 2 ml quinalphos 25%EC or 1 ml dichlorvos 76%EC per litre of water @200 litres per acre during afternoon. There may be chances of **leaf crinkle disease** infestation due to past foggy and cold conditions. To manage the insect vector of the disease like whitefly and aphid spray Thiamethoxam 25% W. G @ 40 gram/acre or Acetamiprid 20% S.P. @ 50 gram/acre or Imidacloprid 17.8% SL @ 60-ml acre by mixing in 200 litre of water in 15 days interval. There may be chances of infestation of **Anthracnose and Rust disease** in Pulses. To manage these spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre in 200 ltr water.

Rabi-Groundnut: Farmers are advised to do intercultivation and apply Gypsum @200 kg/ acre in Groundnut which is at flowering stage. To manage **aphids Mites and thrips** spray Thiamethoxam 25% W.G @ 40 gram/acre or Imidacloprid 17.8% SL @ 50-ml/acre by mixing it in 200 litre of water. **For control of Bihary hairy caterpillar and spodotera** go for spraying of fipronil 5% SL 400ml (or) indoxacarb 14.5% SC 80gm or neem oil 1000ml @ 200 liter of water per acre.

Mustard: As there are no chances of rainfall so one irrigation is needed at 50-60 days old plants. To meet the deficiency of Sulphur apply 200 gram sulphur per acre. To control **white rust disease** in mustard, spray Copper oxychloride @ 3g per litre of water. **Painted bug and Aphid attack** may take place in mustard crop, apply Thiamethoxam 25% WG @ 3g per 10 litres of water. To control the **leaf blight of mustard**, spray mancozeb @ 3 gram per liter or propeconazole @ 1 ml per liter at 15 days interval for 2-3 times.

Vegetables: **Thrips and mites** are prominent pests in vegetables at present. To control both, spray Bifenthrin @1g/litre or Profenophos @2ml/litre of water. To control the **sucking pests like aphid & white fly**, spray Imidacloprid @ 5ml/10 lit of water.

- Cabbage and Cauliflower:** The transplanted cabbage and Cauliflower is at head and Curd development to maturity (9-12 week) stage respectively. **Harvest the matured heads and Curds in the upcoming dry days.** Due to fluctuating temperature condition there may be an attack of **Diamond Back Moth** in Cabbage and cauliflower. To control this apply Spinosad 45SC @ 0.5ml/l. Present humid weather may cause Powdery mildew in cabbage, to control this spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre in 200 litre water. **Leaf eating caterpillar and fruit borer** may infest cabbage. Spray fipronil 5% SL 400ml or emamectin benzoate 5% SG 80gm or indoxacarb 14.5% SC 200ml mixing in 200lit. of water per acre crop.
- Tomato:** Transplanted seedlings are at 6-8 week stage in main field. **Due to water stress, 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. To manage **late blight** in tomato spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre at 10 days interval. To control **white fly** Spray Imidacloprid (18.7% S.L) 0.8 ml/lit of water or Acetamiprid 1 ml/lit of water or Diafenthiuron 12.5 gram/ 15 lit 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:** Do inter culture and hand weeding may be carried out at 45-50 DAT and application of 30-kg of urea and 15-kg of MOP fertilizer should be done at this stage. Onion being a shallow rooted crop, **needs frequent light irrigation to maintain optimum soil moisture for proper growth and bulb development.** 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.
- Fruits:** To control **mealy bug infestation in papaya, guava, mango** wet the soil near the root zone of the plant with Chlorpyrifos @ 4 ml per litre of water and spray the same insecticide on plant @ 2 ml per litre of water; do not pluck fruits within 15 days of spraying. **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.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-169
Date- 19/02/2021

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

The block received 0 mm and district received 0 mm rainfall during the last week. The mean daily maximum and minimum temperature was 34°C and 17°C, respectively. Mean relative humidity of the district was around 76-52%.

Forecasted period: Today(8.30IST) to 24th February (8.30IST)2021

Weather advisory: No rainfall/dry weather is forecasted for upcoming 5 days (Today (8.30IST) to Wednesday (8.30 IST)) in the block. The day temperature will be 31-34°C and night temperature will be 18-20°C for upcoming 5 days. Maximum and minimum relative humidity will be 48-84% and 10-19% respectively. There will be mainly clear to partly cloudy sky for next 5 days.

Block	Cuttack sadar (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	20/02/2021	21/02/2021	22/02/2021	23/02/2021	24/02/2021
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	31	31	31	34	34
T-Min(°C)	20	19	18	18	18
Cloud Cover(octa)	3	1	3	2	3
RH Max (%)	48	71	77	63	84
RH Min (%)	19	19	19	15	10
Wind Speed (Kmph)	10	11	9	6	7
Wind Direction (deg)	68	338	75	240	203

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 should be continue as there was dry spell prevailed.

Pulses: In green gram/black gram, chances of infestation of **leaf eating caterpillar and black headed caterpillar** likely to occur. To control them, spray mixture of 2ml profenofos 50%EC or 2 ml quinalphos 25%EC or 1 ml dichlorvos 76%EC per litre of water @200 litres per acre during afternoon. There may be chances of **leaf crinkle disease** infestation due to past foggy and cold conditions. To manage the insect vector of the disease like whitefly and aphid spray Thiamethoxam 25% W. G @ 40 gram/acre or Acetamiprid 20% S.P. @ 50 gram/acre or Imidacloprid 17.8% SL @ 60-ml acre by mixing in 200 litre of water in 15 days interval. There may be chances of infestation of **Anthraxnose and Rust disease** in Pulses. To manage these spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre in 200 ltr water.

Rabi-Groundnut: Farmers are advised to do intercultivation and apply Gypsum @200 kg/ acre in Groundnut which is at flowering stage. To manage aphids Mites and thrips spray Thiamethoxam 25% W.G @ 40 gram/acre or Imidacloprid 17.8% SL @ 50-ml/acre by mixing it in 200 litre of water. **For control of Bihary hairy caterpillar and spodotera** go for spraying of fipronil 5% SL 400ml (or) indoxacarb 14.5% SC 80gm or neem oil 1000ml @ 200 liter of water per acre.

Mustard: As there are no chances of rainfall so one irrigation is needed at 50-60 days old plants. To meet the deficiency of Sulfur apply 200 gram sulfur per acre. To control **white rust disease** in mustard, spray Copper oxychloride @ 3g per litre of water. **Painted bug and Aphid attack** may take place in mustard crop, apply Thiamethoxam 25% WG @ 3g per 10 litres of water. To control the **leaf blight of mustard**, spray mancozeb @ 3 gram per liter or propeconazole @ 1 ml per liter at 15 days interval for 2-3 times.

Vegetables: Thrips and mites are prominent pests in vegetables at present. To control both, spray Bifenthrin @ 1g/litre or Profenophos @ 2ml/litre of water. To control the **sucking pests like aphid & white fly**, spray Imidacloprid @ 5ml/10 lit of water.

- Cabbage and Cauliflower:** The transplanted cabbage and Cauliflower is at head and Curd development to maturity (9-12 week) stage respectively. **Harvest the matured heads and Curds in the upcoming dry days.** Due to fluctuating temperature condition there may be an attack of **Diamond Back Moth** in Cabbage and cauliflower. To control this apply Spinosad 45SC @ 0.5ml/l. Present humid weather may cause Powdery mildew in cabbage, to control this spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre in 200 ltr water. **Leaf eating caterpillar and fruit borer** may infest cabbage. Spray fipronil 5% SL 400ml or emamectinbenzoate 5% SG 80gm or indoxacarb 14.5% SC 200ml mixing in 200lit. of water per acre crop.
- Tomato:** Transplanted seedlings are at 6-8 week stage in main field. **Due to water stress, 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. To manage **late blight** in tomato spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre at 10 days interval. To control **white fly** Spray Imidacloprid (18.7% S.L) 0.8 ml/lit of water or Acetamiprid 1 ml/lit of water or Diafenthiuron 12.5 gram/ 15 lit 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:** Do inter culture and hand weeding may be carried out at 45-50 DAT and application of 30-kg of urea and 15-kg of MOP fertilizer should be done at this stage. Onion being a shallow rooted crop, **needs frequent light irrigation to maintain optimum soil moisture for proper growth and bulb development.** 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.
- Fruits:** To control **mealy bug infestation in papaya, guava, mango** wet the soil near the root zone of the plant with Chlorpyrifos @ 4 ml per litre of water and spray the same insecticide on plant @ 2 ml per litre of water; do not pluck fruits within 15 days of spraying. **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.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-169
Date- 19/02/2021

AGROMET ADVISORY BULLETIN FOR KANTAPADA

District Past week weather condition and Block past Rainfall condition

The block received 0 mm and district received 0 mm rainfall during the last week. The mean daily maximum and minimum temperature was 34°C and 17°C, respectively. Mean relative humidity of the district was around 76-52%.

Forecasted period: Today(8.30IST) to 24th February (8.30IST)2021

Weatheradvisory: No rainfall/dry weather is forecasted for upcoming 5days (Today (8.30IST) to Wednesday (8.30 IST)) in the block. The day temperature will be 32-34°C and night temperature will be 18-21°C for upcoming 5 days. Maximum and minimum relative humidity will be 52-85% and 15-21% respectively. There will be mainly clear to partly cloudy sky for next 5days.

Block	Kantapada(VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	20/02/2021	21/02/2021	22/02/2021	23/02/2021	24/02/2021
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	32	32	32	32	34
T-Min(°C)	21	18	18	18	18
Cloud Cover(octa)	4	1	2	2	3
RH Max (%)	52	76	79	72	85
RH Min (%)	21	19	19	18	15
Wind Speed (Kmph)	11	12	10	9	9
Wind Direction (deg)	108	338	75	161	208

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 should be continue as there was dry spell prevailed.

Pulses: In green gram/black gram, chances of infestation of **leaf eating caterpillar and black headed caterpillar** likely to occur. To control them, spray mixture of 2ml profenofos 50%EC or 2 ml quinalphos 25%EC or 1 ml dichlorvos 76%EC per litre of water @200 litres per acre during afternoon. There may be chances of **leaf crinkle disease** infestation due to past foggy and cold conditions. To manage the insect vector of the disease like whitefly and aphid spray Thiamethoxam 25% W. G @ 40 gram/acre or Acetamiprid 20% S.P. @ 50 gram/acre or Imidacloprid 17.8% SL @ 60-ml acre by mixing in 200 litre of water in 15 days interval. There may be chances of infestation of **Anthraxnose and Rust disease** in Pulses. To manage these spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre in 200 ltr water.

Rabi-Groundnut: Farmers are advised to do intercultivation and apply Gypsum @200 kg/ acre in Groundnut which is at flowering stage. To manage aphids Mites and thrips spray Thiamethoxam 25% W.G @ 40 gram/acre or Imidacloprid 17.8% SL @ 50-ml/acre by mixing it in 200 litre of water. For control of **Bihary hairy caterpillar and spodotera** go for spraying of fipronil 5% SL 400ml (or) indoxacarb 14.5% SC 80gm or neem oil 1000ml @ 200 liter of water per acre.

Mustard: As there are no chances of rainfall so one irrigation is needed at 50-60 days old plants. To meet the deficiency of Sulphur apply 200 gram sulphur per acre. To control **white rust disease** in mustard, spray Copper oxychloride @ 3g per litre of water. **Painted bug and Aphid attack** may take place in mustard crop, apply Thiamethoxam 25% WG @ 3g per 10 litres of water. To control the **leaf blight of mustard**, spray mancozeb @ 3 gram per liter or propeconazole @ 1 ml per liter at 15 days interval for 2-3 times.

Vegetables: Thrips and mites are prominent pests in vegetables at present. To control both, spray Bifenthrin @1g/litre or Profenophos @2ml/litre of water. To control the **sucking pests like aphid & white fly**, spray Imidacloprid @ 5ml/10 lit of water.

- Cabbage and Cauliflower:** The transplanted cabbage and Cauliflower is at head and Curd development to maturity (9-12 week) stage respectively. Harvest the matured heads and Curds in the upcoming dry days. Due to fluctuating temperature condition there may be an attack of **Diamond Back Moth** in Cabbage and cauliflower. To control this apply Spinosad 45SC @ 0.5ml/l. Present humid weather may cause Powdery mildew in cabbage, to control this spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre in 200 litre water. **Leaf eating caterpillar and fruit borer** may infest cabbage. Spray fipronil 5% SL 400ml or emamectinbenzoate 5% SG 80gm or indoxacarb 14.5% SC 200ml mixing in 200lit. of water per acre crop.
- Tomato:** Transplanted seedlings are at 6-8 week stage in main field. Due to water stress, 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. To manage **late blight** in tomato spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre at 10 days interval. To control **white fly** Spray Imidacloprid (18.7% S.L) 0.8 ml/lit of water or Acetamiprid 1 ml/lit of water or Diafenthiuron 12.5 gram/ 15 lit 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:** Do inter culture and hand weeding may be carried out at 45-50 DAT and application of 30-kg of urea and 15-kg of MOP fertilizer should be done at this stage. Onion being a shallow rooted crop, **needs frequent light irrigation to maintain optimum soil moisture for proper growth and bulb development**. 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.
- Fruits:** To control **mealy bug** infestation in papaya, guava, mango wet the soil near the root zone of the plant with Chlorpyrifos @ 4 ml per litre of water and spray the same insecticide on plant @ 2 ml per litre of water; do not pluck fruits within 15 days of spraying. **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.

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Bulletin No.-169
Date- 19/02/2021

AGROMET ADVISORY BULLETIN FOR MAHANGA

District Past week weather condition and Block past Rainfall condition

The block received 0 mm and district received 0 mm rainfall during the last week. The mean daily maximum and minimum temperature was 34°C and 17°C, respectively. Mean relative humidity of the district was around 76-52%.

Forecasted period: Today(8.30IST) to 24th February (8.30IST)2021

Weatheradvisory: No rainfall/dry weather is forecasted for upcoming 5days (Today (8.30IST) to Wednesday (8.30 IST)) in the block. The day temperature will be 31-34°C and night temperature will be 18-20°C for upcoming 5 days. Maximum and minimum relative humidity will be 43-83% and 12-22% respectively. There will be mainly clear to partly cloudy sky for next 5days.

Block	Mahanga(VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	20/02/2021	21/02/2021	22/02/2021	23/02/2021	24/02/2021
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	31	31	31	33	34
T-Min(°C)	20	18	18	18	18
Cloud Cover(octal)	3	1	2	2	3
RH Max (%)	43	67	70	64	83
RH Min (%)	21	22	20	17	12
Wind Speed (Kmph)	11	12	9	8	8
Wind Direction (deg)	342	338	288	225	293

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 should be continue as there was dry spell prevailed.

Pulses: In green gram/black gram, chances of infestation of **leaf eating caterpillar and black headed caterpillar** likely to occur. To control them, spray mixture of 2ml profenofos 50%EC or 2 ml quinalphos 25%EC or 1 ml dichlorvos 76%EC per litre of water @200 litres per acre during afternoon. There may be chances of **leaf crinkle disease** infestation due to past foggy and cold conditions. To manage the insect vector of the disease like whitefly and aphid spray Thiamethoxam 25% W. G @ 40 gram/acre or Acetamiprid 20% S.P. @ 50 gram/acre or Imidacloprid 17.8% SL @ 60-ml acre by mixing in 200 litre of water in 15 days interval. There may be chances of infestation of **Anthracnose and Rust disease** in Pulses. To manage these spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre in 200 ltr water.

Rabi-Groundnut: Farmers are advised to do intercultivation and apply Gypsum @200 kg/ acre in Groundnut which is at flowering stage. To manage aphids Mites and thrips spray Thiamethoxam 25% W.G @ 40 gram/acre or Imidacloprid 17.8% SL @ 50-ml/acre by mixing it in 200 litre of water. **For control of Bihary hairy caterpillar and spodotera** go for spraying of fipronil 5% SL 400ml (or) indoxacarb 14.5% SC 80gm or neem oil 1000ml @ 200 liter of water per acre.

Mustard: As there are no chances of rainfall so one irrigation is needed at 50-60 days old plants. To meet the deficiency of Sulphur apply 200 gram sulphur per acre. To control **white rust disease** in mustard, spray Copper oxychloride @ 3g per litre of water. **Painted bug and Aphid attack** may take place in mustard crop, apply Thiamethoxam 25% WG @ 3g per 10 litres of water. To control the **leaf blight of mustard**, spray mancozeb @ 3 gram per liter or propeconazole @ 1 ml per liter at 15 days interval for 2-3 times.

Vegetables: Thrips and mites are prominent pests in vegetables at present. To control both, spray Bifenthrin @1g/litre or Profenophos @2ml/litre of water. To control the **sucking pests like aphid & white fly**, spray Imidacloprid @ 5ml/10 lit of water.

- Cabbage and Cauliflower:** The transplanted cabbage and Cauliflower is at head and Curd development to maturity (9-12 week) stage respectively. **Harvest the matured heads and Curds in the upcoming dry days.** Due to fluctuating temperature condition there may be an attack of **Diamond Back Moth** in Cabbage and cauliflower. To control this apply Spinosad 45SC @ 0.5ml/l. Present humid weather may cause Powdery mildew in cabbage, to control this spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre in 200 litre water. **Leaf eating caterpillar and fruit borer** may infest cabbage. Spray fipronil 5% SL 400ml or emamectinbenzoate 5% SG 80gm or indoxacarb 14.5% SC 200ml mixing in 200lit. of water per acre crop.
- Tomato:** Transplanted seedlings are at 6-8 week stage in main field. **Due to water stress, 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. To manage **late blight** in tomato spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre at 10 days interval. To control **white fly** Spray Imidacloprid (18.7% S.L) 0.8 ml/lit of water or Acetamiprid 1 ml/lit of water or Diafenthiuron 12.5 gram/ 15 lit 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:** Do inter culture and hand weeding may be carried out at 45-50 DAT and application of 30-kg of urea and 15-kg of MOP fertilizer should be done at this stage. Onion being a shallow rooted crop, **needs frequent light irrigation to maintain optimum soil moisture for proper growth and bulb development.** 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.
- Fruits:** To control **mealy bug infestation in papaya, guava, mango** wet the soil near the root zone of the plant with Chlorpyrifos @ 4 ml per litre of water and spray the same insecticide on plant @ 2 ml per litre of water; do not pluck fruits within 15 days of spraying. **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.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-169
Date- 19/02/2021

AGROMET ADVISORY BULLETIN FOR NARASINGHPUR
District Past week weather condition and Block past Rainfall condition

The block received 0 mm and district received 0 mm rainfall during the last week. The mean daily maximum and minimum temperature was 34°C and 17°C, respectively. Mean relative humidity of the district was around 76-52%.

Forecasted period: Today(8.30IST) to 24th February (8.30IST)2021

Weatheradvisory: No rainfall/dry weather is forecasted for upcoming 5days (Today (8.30IST) to Wednesday (8.30 IST)) in the block. The day temperature will be 31-33°C and night temperature will be 17-19°C for upcoming 5 days. Maximum and minimum relative humidity will be 44-76% and 10-19% respectively. There will be mainly clear to partly cloudy sky for next 5days.

Block	Narasinghpur (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	20/02/2021	21/02/2021	22/02/2021	23/02/2021	24/02/2021
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	31	31	33	33	33
T-Min(°C)	19	17	17	17	17
Cloud Cover(/octa)	5	4	2	2	3
RH Max (%)	60	76	67	44	51
RH Min (%)	19	18	15	14	10
Wind Speed (Kmph)	5	7	6	5	6
Wind Direction (deg)	105	75	203	338	345

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 should be continue as there was dry spell prevailed.

Pulses: In green gram/black gram, chances of infestation of **leaf eating caterpillar and black headed caterpillar** likely to occur. To control them, spray mixture of 2ml profenofos 50%EC or 2 ml quinalphos 25%EC or 1 ml dichlorvos 76%EC per litre of water @200 litres per acre during afternoon. There may be chances of **leaf crinkle disease** infestation due to past foggy and cold conditions. To manage the insect vector of the disease like whitefly and aphid spray Thiamethoxam 25% W. G @ 40 gram/acre or Acetamiprid 20% S.P. @ 50 gram/acre or Imidacloprid 17.8% SL @ 60-ml acre by mixing in 200 litre of water in 15 days interval. There may be chances of infestation of **Anthracnose and Rust disease** in Pulses. To manage these spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre in 200 ltr water.

Rabi-Groundnut: Farmers are advised to do intercultivation and apply Gypsum @200 kg/ acre in Groundnut which is at flowering stage. To manage aphids Mites and thrips spray Thiamethoxam 25% W.G @ 40 gram/acre or Imidacloprid 17.8% SL @ 50-ml/acre by mixing it in 200 litre of water. **For control of Bihary hairy caterpillar and spodotera** go for spraying of fipronil 5% SL 400ml (or) indoxacarb 14.5% SC 80gm or neem oil 1000ml @ 200 liter of water per acre.

Mustard: As there are no chances of rainfall so one irrigation is needed at 50-60 days old plants. To meet the deficiency of Sulphur apply 200 gram sulphur per acre. To control **white rust disease** in mustard, spray Copper oxychloride @ 3g per litre of water. **Painted bug and Aphid attack** may take place in mustard crop, apply Thiamethoxam 25% WG @ 3g per 10 litres of water. To control the **leaf blight of mustard**, spray mancozeb @ 3 gram per liter or propeconazole @ 1 ml per liter at 15 days interval for 2-3 times.

Vegetables: Thrips and mites are prominent pests in vegetables at present. To control both, spray Bifenthrin @1g/litre or Profenophos @2ml/litre of water. To control the **sucking pests like aphid & white fly**, spray Imidacloprid @ 5ml/10 lit of water.

- Cabbage and Cauliflower:** The transplanted cabbage and Cauliflower is at head and Curd development to maturity (9-12 week) stage respectively. Harvest the matured heads and Curds in the upcoming dry days. Due to fluctuating temperature condition there may be an attack of **Diamond Back Moth** in Cabbage and cauliflower. To control this apply Spinosad 45SC @ 0.5ml/l. Present humid weather may cause Powdery mildew in cabbage, to control this spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre in 200 litre water. **Leaf eating caterpillar and fruit borer** may infest cabbage. Spray fipronil 5% SL 400ml or emamectin benzoate 5% SG 80gm or indoxacarb 14.5% SC 200ml mixing in 200lit. of water per acre crop.
- Tomato:** Transplanted seedlings are at 6-8 week stage in main field. **Due to water stress, 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. To manage **late blight** in tomato spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre at 10 days interval. To control **white fly** Spray Imidacloprid (18.7% S.L) 0.8 ml/lit of water or Acetamiprid 1 ml/lit of water or Diafenthiuron 12.5 gram/ 15 lit 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:** Do inter culture and hand weeding may be carried out at 45-50 DAT and application of 30-kg of urea and 15-kg of MOP fertilizer should be done at this stage. Onion being a shallow rooted crop, **needs frequent light irrigation to maintain optimum soil moisture for proper growth and bulb development.** 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.
- Fruits:** To control **mealy bug infestation in papaya, guava, mango** wet the soil near the root zone of the plant with Chlorpyrifos @ 4 ml per litre of water and spray the same insecticide on plant @ 2 ml per litre of water; do not pluck fruits within 15 days of spraying. **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.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-169
Date- 19/02/2021

AGROMET ADVISORY BULLETIN FOR NIALI

District Past week weather condition and Block past Rainfall condition

The block received 0 mm and district received 0 mm rainfall during the last week. The mean daily maximum and minimum temperature was 34°C and 17°C, respectively. Mean relative humidity of the district was around 76-52%.

Forecasted period: Today(8.30IST) to 24th February (8.30IST)2021

Weather advisory: No rainfall/dry weather is forecasted for upcoming 5 days (Today (8.30IST) to Wednesday (8.30 IST)) in the block. The day temperature will be 32-33°C and night temperature will be 18-21°C for upcoming 5 days. Maximum and minimum relative humidity will be 55-85% and 19-23% respectively. There will be mainly clear sky for next 5 days.

Block	Niali (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	20/02/2021	21/02/2021	22/02/2021	23/02/2021	24/02/2021
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	32	32	32	32	33
T-Min(°C)	21	18	18	18	18
Cloud Cover(octa)	5	1	2	2	3
RH Max (%)	55	78	80	76	85
RH Min (%)	23	19	20	20	20
Wind Speed(Kmph)	11	12	11	9	11
Wind Direction(deg)	108	90	75	161	207

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 should be continue as there was dry spell prevailed.

Pulses: In green gram/black gram, chances of infestation of **leaf eating caterpillar and black headed caterpillar** likely to occur. To control them, spray mixture of 2ml profenofos 50%EC or 2 ml quinalphos 25%EC or 1 ml dichlorvos 76%EC per litre of water @200 litres per acre during afternoon. There may be chances of **leaf crinkle disease** infestation due to past foggy and cold conditions. To manage the insect vector of the disease like whitefly and aphid spray Thiamethoxam 25% W. G @ 40 gram/acre or Acetamiprid 20% S.P. @ 50 gram/acre or Imidacloprid 17.8% SL @ 60-ml acre by mixing in 200 litre of water in 15 days interval. There may be chances of infestation of **Anthraxnose and Rust disease** in Pulses. To manage these spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre in 200 ltr water.

Rabi-Groundnut: Farmers are advised to do intercultivation and apply Gypsum @200 kg/ acre in Groundnut which is at flowering stage. To manage **aphids Mites and thrips** spray Thiamethoxam 25% W.G @ 40 gram/acre or Imidacloprid 17.8% SL @ 50-ml/acre by mixing it in 200 litre of water. **For control of Bihary hairy caterpillar and spodotera** go for spraying of fipronil 5% SL 400ml (or) indoxacarb 14.5% SC 80gm or neem oil 1000ml @ 200 liter of water per acre.

Mustard: As there are no chances of rainfall so one irrigation is needed at 50-60 days old plants. To meet the deficiency of Sulfur apply 200 gram sulfur per acre. To control **white rust disease** in mustard, spray Copper oxychloride @ 3g per litre of water. **Painted bug and Aphid attack** may take place in mustard crop, apply Thiamethoxam 25% WG @ 3g per 100 litres of water. To control the **leaf blight of mustard**, spray mancozeb @ 3 gram per liter or propeconazole @ 1 ml per liter at 15 days interval for 2-3 times.

Vegetables: **Thrips and mites** are prominent pests in vegetables at present. To control both, spray Bifenthrin @ 1g/litre or Profenophos @ 2ml/litre of water. To control the **sucking pests like aphid & white fly**, spray Imidacloprid @ 5ml/10 lit of water.

- Cabbage and Cauliflower:** The transplanted cabbage and Cauliflower is at head and Curd development to maturity (9-12 week) stage respectively. **Harvest the matured heads and Curds in the upcoming dry days.** Due to fluctuating temperature condition there may be an attack of **Diamond Back Moth** in Cabbage and cauliflower. To control this apply Spinosad 45SC @ 0.5ml/l. Present humid weather may cause Powdery mildew in cabbage, to control this spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre in 200 lit water. **Leaf eating caterpillar and fruit borer** may infest cabbage. Spray fipronil 5% SL 400ml or emamectinbenzoate 5% SG 80gm or indoxacarb 14.5% SC 200ml mixing in 200lit. of water per acre crop.
- Tomato:** Transplanted seedlings are at 6-8 week stage in main field. **Due to water stress, 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. To manage **late blight** in tomato spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre at 10 days interval. To control **white fly** Spray Imidacloprid (18.7% S.L) 0.8 ml/lit of water or Acetamiprid 1 ml/lit of water or Diafenthiuron 12.5 gram/ 15 lit 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:** Do inter culture and hand weeding may be carried out at 45-50 DAT and application of 30-kg of urea and 15-kg of MOP fertilizer should be done at this stage. Onion being a shallow rooted crop, **needs frequent light irrigation to maintain optimum soil moisture for proper growth and bulb development.** 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.
- Fruits:** To control **mealy bug infestation in papaya, guava, mango** wet the soil near the root zone of the plant with Chlorpyrifos @ 4 ml per litre of water and spray the same insecticide on plant @ 2 ml per litre of water; do not pluck fruits within 15 days of spraying. **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.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-169
Date- 19/02/2021

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

The block received 0 mm and district received 0 mm rainfall during the last week. The mean daily maximum and minimum temperature was 34°C and 17°C, respectively. Mean relative humidity of the district was around 76-52%.

Forecasted period: Today(8.30IST) to 24th February (8.30IST)2021

Weather advisory: No rainfall/dry weather is forecasted for upcoming 5 days (Today (8.30IST) to Wednesday (8.30 IST)) in the block. The day temperature will be 31-34°C and night temperature will be 18-20°C for upcoming 5 days. Maximum and minimum relative humidity will be 45-85% and 13-22% respectively. There will be mainly clear to partly cloudy sky for next 5 days.

Block	Nischintakoili (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	20/02/2021	21/02/2021	22/02/2021	23/02/2021	24/02/2021
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	31	31	31	33	34
T-Min(°C)	20	18	18	18	18
Cloud Cover(octa)	3	1	2	2	3
RH Max (%)	45	70	72	66	85
RH Min (%)	22	21	20	17	13
Wind Speed (Kmph)	11	12	10	8	9
Wind Direction (deg)	108	338	293	158	240

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 should be continue as there was dry spell prevailed.

Pulses: In green gram/black gram, chances of infestation of **leaf eating caterpillar and black headed caterpillar** likely to occur. To control them, spray mixture of 2ml profenofos 50%EC or 2 ml quinalphos 25%EC or 1 ml dichlorvos 76%EC per litre of water @200 litres per acre during afternoon. There may be chances of **leaf crinkle disease** infestation due to past foggy and cold conditions. To manage the insect vector of the disease like whitefly and aphid spray Thiamethoxam 25% W. G @ 40 gram/acre or Acetamiprid 20% S.P. @ 50 gram/acre or Imidacloprid 17.8% SL @ 60-ml acre by mixing in 200 litre of water in 15 days interval. There may be chances of infestation of **Anthraxnose and Rust disease** in Pulses. To manage these spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre in 200 ltr water.

Rabi-Groundnut: Farmers are advised to do intercultivation and apply Gypsum @200 kg/ acre in Groundnut which is at flowering stage. To manage **aphids Mites and thrips** spray Thiamethoxam 25% W.G @ 40 gram/acre or Imidacloprid 17.8% SL @ 50-ml/acre by mixing it in 200 litre of water. **For control of Bihary hairy caterpillar and spodotera** go for spraying of fipronil 5% SL 400ml (or) indoxacarb 14.5% SC 80gm or neem oil 1000ml @ 200 liter of water per acre.

Mustard: As there are no chances of rainfall so one irrigation is needed at 50-60 days old plants. To meet the deficiency of Sulfur apply 200 gram sulfur per acre. To control **white rust disease** in mustard, spray Copper oxychloride @ 3g per litre of water. **Painted bug and Aphid attack** may take place in mustard crop, apply Thiamethoxam 25% WG @ 3g per 10 litres of water. To control the **leaf blight of mustard**, spray mancozeb @ 3 gram per liter or propeconazole @ 1 ml per liter at 15 days interval for 2-3 times.

Vegetables: **Thrips and mites** are prominent pests in vegetables at present. To control both, spray Bifenthrin @ 1g/litre or Profenophos @ 2ml/litre of water. To control the **sucking pests like aphid & white fly**, spray Imidacloprid @ 5ml/10 lit of water.

- Cabbage and Cauliflower:** The transplanted cabbage and Cauliflower is at head and Curd development to maturity (9-12 week) stage respectively. **Harvest the matured heads and Curds in the upcoming dry days.** Due to fluctuating temperature condition there may be an attack of **Diamond Back Moth** in Cabbage and cauliflower. To control this apply Spinosad 45SC @ 0.5ml/l. Present humid weather may cause Powdery mildew in cabbage, to control this spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre in 200 litre water. **Leaf eating caterpillar and fruit borer** may infest cabbage. Spray fipronil 5% SL 400ml or emamectin benzoate 5% SG 80gm or indoxacarb 14.5% SC 200ml mixing in 200lit. of water per acre crop.
- Tomato:** Transplanted seedlings are at 6-8 week stage in main field. **Due to water stress, 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. To manage **late blight** in tomato spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre at 10 days interval. To control **white fly** Spray Imidacloprid (18.7% S.L) 0.8 ml/lit of water or Acetamiprid 1 ml/lit of water or Diafenthiuron 12.5 gram/ 15 lit 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:** Do inter culture and hand weeding may be carried out at 45-50 DAT and application of 30-kg of urea and 15-kg of MOP fertilizer should be done at this stage. Onion being a shallow rooted crop, **needs frequent light irrigation to maintain optimum soil moisture for proper growth and bulb development.** 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.
- Fruits:** To control **mealy bug infestation in papaya, guava, mango** wet the soil near the root zone of the plant with Chlorpyrifos @ 4 ml per litre of water and spray the same insecticide on plant @ 2 ml per litre of water; do not pluck fruits within 15 days of spraying. **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.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-169
Date- 19/02/2021

AGROMET ADVISORY BULLETIN FOR SALEPUR

District Past week weather condition and Block past Rainfall condition

The block received 0 mm and district received 0 mm rainfall during the last week. The mean daily maximum and minimum temperature was 34°C and 17°C, respectively. Mean relative humidity of the district was around 76-52%.

Forecasted period: Today(8.30IST) to 24th February (8.30IST)2021

Weather advisory: No rainfall/dry weather is forecasted for upcoming 5 days (Today (8.30IST) to Wednesday (8.30 IST)) in the block. The day temperature will be 31-34°C and night temperature will be 18-20°C for upcoming 5 days. Maximum and minimum relative humidity will be 45-84% and 12-21% respectively. There will be mainly clear to partly cloudy sky for next 5 days.

Block	Salepur (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	20/02/2021	21/02/2021	22/02/2021	23/02/2021	24/02/2021
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	31	31	31	33	34
T-Min(°C)	20	19	18	19	18
Cloud Cover(octa)	3	1	2	2	3
RH Max (%)	45	69	73	65	84
RH Min (%)	21	21	20	17	12
Wind Speed (Kmph)	11	12	9	8	8
Wind Direction (deg)	108	338	293	161	225

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 should be continue as there was dry spell prevailed.

Pulses: In green gram/black gram, chances of infestation of **leaf eating caterpillar and black headed caterpillar** likely to occur. To control them, spray mixture of 2ml profenofos 50%EC or 2 ml quinalphos 25%EC or 1 ml dichlorvos 76%EC per litre of water @200 litres per acre during afternoon. There may be chances of **leaf crinkle disease** infestation due to past foggy and cold conditions. To manage the insect vector of the disease like whitefly and aphid spray Thiamethoxam 25% W. G @ 40 gram/acre or Acetamiprid 20% S.P. @ 50 gram/acre or Imidacloprid 17.8% SL @ 60-ml acre by mixing in 200 litre of water in 15 days interval. There may be chances of infestation of **Anthraxnose and Rust disease** in Pulses. To manage these spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre in 200 ltr water.

Rabi-Groundnut: Farmers are advised to do intercultivation and apply Gypsum @200 kg/ acre in Groundnut which is at flowering stage. To manage **aphids Mites and thrips** spray Thiamethoxam 25% W.G @ 40 gram/acre or Imidacloprid 17.8% SL @ 50-ml/acre by mixing it in 200 litre of water. **For control of Bihary hairy caterpillar and spodotera** go for spraying of fipronil 5% SL 400ml (or) indoxacarb 14.5% SC 80gm or neem oil 1000ml @ 200 liter of water per acre.

Mustard: As there are no chances of rainfall so one irrigation is needed at 50-60 days old plants. To meet the deficiency of Sulfur apply 200 gram sulfur per acre. To control **white rust disease** in mustard, spray Copper oxychloride @ 3g per litre of water. **Painted bug and Aphid attack** may take place in mustard crop, apply Thiamethoxam 25% WG @ 3g per 10 litres of water. To control the **leaf blight of mustard**, spray mancozeb @ 3 gram per liter or propeconazole @ 1 ml per liter at 15 days interval for 2-3 times.

Vegetables: **Thrips and mites** are prominent pests in vegetables at present. To control both, spray Bifenthrin @ 1g/litre or Profenophos @ 2ml/litre of water. To control the **sucking pests like aphid & white fly**, spray Imidacloprid @ 5ml/10 lit of water.

- Cabbage and Cauliflower:** The transplanted cabbage and Cauliflower is at head and Curd development to maturity (9-12 week) stage respectively. **Harvest the matured heads and Curds in the upcoming dry days.** Due to fluctuating temperature condition there may be an attack of **Diamond Back Moth** in Cabbage and cauliflower. To control this apply Spinosad 45SC @ 0.5ml/l. Present humid weather may cause Powdery mildew in cabbage, to control this spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre in 200 ltr water. **Leaf eating caterpillar and fruit borer** may infest cabbage. Spray fipronil 5% SL 400ml or emamectin benzoate 5% SG 80gm or indoxacarb 14.5% SC 200ml mixing in 200lit. of water per acre crop.
- Tomato:** Transplanted seedlings are at 6-8 week stage in main field. **Due to water stress, 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. To manage **late blight** in tomato spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre at 10 days interval. To control **white fly** Spray Imidacloprid (18.7% S.L) 0.8 ml/lit of water or Acetamiprid 1 ml/lit of water or Diafenthiuron 12.5 gram/ 15 lit 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:** Do inter culture and hand weeding may be carried out at 45-50 DAT and application of 30-kg of urea and 15-kg of MOP fertilizer should be done at this stage. Onion being a shallow rooted crop, **needs frequent light irrigation to maintain optimum soil moisture for proper growth and bulb development.** 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.
- Fruits:** To control **mealy bug infestation** in papaya, guava, mango wet the soil near the root zone of the plant with Chlorpyrifos @ 4 ml per litre of water and spray the same insecticide on plant @ 2 ml per litre of water; do not pluck fruits within 15 days of spraying. **Mango:** Present weather conditions are favourable for the incidence of **Mango hoppers**. To control go for spraying of phoshamidon @ 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.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-169
Date- 19/02/2021

AGROMET ADVISORY BULLETIN FOR TANGI-CHOUDWAR
District Past week weather condition and Block past Rainfall condition

The block received 0 mm and district received 0 mm rainfall during the last week. The mean daily maximum and minimum temperature was 34°C and 17°C, respectively. Mean relative humidity of the district was around 76-52%.

Forecasted period: Today(8.30IST) to 24th February (8.30IST)2021

Weather advisory: No rainfall/dry weather is forecasted for upcoming 5 days (Today (8.30IST) to Wednesday (8.30 IST)) in the block. The day temperature will be 32-34°C and night temperature will be 20-23°C for upcoming 5 days. Maximum and minimum relative humidity will be 55-83% and 25-29% respectively. There will be mainly clear to partly cloudy sky for next 5 days.

Block	Tangi-Choudwar (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	20/02/2021	21/02/2021	22/02/2021	23/02/2021	24/02/2021
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	32	32	33	33	34
T-Min(°C)	23	20	21	22	22
Cloud Cover(octa)	6	1	2	2	3
RH Max (%)	55	75	72	73	83
RH Min (%)	29	25	26	27	29
Wind Speed (Kmph)	12	13	13	10	14
Wind Direction (deg)	109	342	293	161	212

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 should be continue as there was dry spell prevailed.

Pulses: In green gram/black gram, chances of infestation of **leaf eating caterpillar and black headed caterpillar** likely to occur. To control them, spray mixture of 2ml profenofos 50%EC or 2 ml quinalphos 25%EC or 1 ml dichlorvos 76%EC per litre of water @200 litres per acre during afternoon. There may be chances of **leaf crinkle disease** infestation due to past foggy and cold conditions. To manage the insect vector of the disease like whitefly and aphid spray Thiamethoxam 25% W. G @ 40 gram/acre or Acetamiprid 20% S.P. @ 50 gram/acre or Imidacloprid 17.8% SL @ 60-ml acre by mixing in 200 litre of water in 15 days interval. There may be chances of infestation of **Anthraxnose and Rust disease** in Pulses. To manage these spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre in 200 ltr water.

Rabi-Groundnut: Farmers are advised to do intercultivation and apply Gypsum @200 kg/ acre in Groundnut which is at flowering stage. To manage **aphids Mites and thrips** spray Thiamethoxam 25% W.G @ 40 gram/acre or Imidacloprid 17.8% SL @ 50-ml/acre by mixing it in 200 litre of water. **For control of Bihary hairy caterpillar and spodotera** go for spraying of fipronil 5% SL 400ml (or) indoxacarb 14.5% SC 80gm or neem oil 1000ml @ 200 liter of water per acre.

Mustard: As there are no chances of rainfall so one irrigation is needed at 50-60 days old plants. To meet the deficiency of Sulfur apply 200 gram sulfur per acre. To control **white rust disease** in mustard, spray Copper oxychloride @ 3g per litre of water. **Painted bug and Aphid attack** may take place in mustard crop, apply Thiamethoxam 25% WG @ 3g per 10 litres of water. To control the **leaf blight of mustard**, spray mancozeb @ 3 gram per liter or propeconazole @ 1 ml per liter at 15 days interval for 2-3 times.

Vegetables: **Thrips and mites** are prominent pests in vegetables at present. To control both, spray Bifenthrin @ 1g/litre or Profenophos @ 2ml/litre of water. To control the **sucking pests like aphid & white fly**, spray Imidacloprid @ 5ml/10 lit of water.

- Cabbage and Cauliflower:** The transplanted cabbage and Cauliflower is at head and Curd development to maturity (9-12 week) stage respectively. **Harvest the matured heads and Curds in the upcoming dry days.** Due to fluctuating temperature condition there may be an attack of **Diamond Back Moth** in Cabbage and cauliflower. To control this apply Spinosad 45SC @ 0.5ml/l. Present humid weather may cause Powdery mildew in cabbage, to control this spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre in 200 ltr water. **Leaf eating caterpillar and fruit borer** may infest cabbage. Spray fipronil 5% SL 400ml or emamectinbenzoate 5% SG 80gm or indoxacarb 14.5% SC 200ml mixing in 200lit. of water per acre crop.
- Tomato:** Transplanted seedlings are at 6-8 week stage in main field. **Due to water stress, 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. To manage **late blight** in tomato spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre at 10 days interval. To control **white fly** Spray Imidacloprid (18.7% S.L) 0.8 ml/lit of water or Acetamiprid 1 ml/lit of water or Diafenthiuron 12.5 gram/ 15 lit 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:** Do inter culture and hand weeding may be carried out at 45-50 DAT and application of 30-kg of urea and 15-kg of MOP fertilizer should be done at this stage. Onion being a shallow rooted crop, **needs frequent light irrigation to maintain optimum soil moisture for proper growth and bulb development.** 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.
- Fruits:** To control **mealy bug** infestation in papaya, guava, mango wet the soil near the root zone of the plant with Chlorpyrifos @ 4 ml per litre of water and spray the same insecticide on plant @ 2 ml per litre of water; do not pluck fruits within 15 days of spraying. **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.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-169
Date- 19/02/2021

AGROMET ADVISORY BULLETIN FOR TIGIRIA

District Past week weather condition and Block past Rainfall condition

The block received 0 mm and district received 0 mm rainfall during the last week. The mean daily maximum and minimum temperature was 34°C and 17°C, respectively. Mean relative humidity of the district was around 76-52%.

Forecasted period: Today(8.30IST) to 24th February (8.30IST)2021

Weather advisory: No rainfall/dry weather is forecasted for upcoming 5 days (Today (8.30IST) to Wednesday (8.30 IST)) in the block. The day temperature will be 32-34°C and night temperature will be 18-20°C for upcoming 5 days. Maximum and minimum relative humidity will be 54-76% and 10-18% respectively. There will be mainly clear to partly cloudy sky for next 5 days.

Block	Tigiria (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	20/02/2021	21/02/2021	22/02/2021	23/02/2021	24/02/2021
Rainfall(mm)	0	0	0	0	0
00T-Max(°C)	32	32	32	34	34
T-Min(°C)	20	18	18	18	18
Cloud Cover(octa)	4	3	3	2	3
RH Max (%)	55	76	76	54	70
RH Min (%)	18	18	16	14	10
Wind Speed (Kmph)	8	10	8	6	6
Wind Direction (deg)	68	68	23	203	345

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 should be continue as there was dry spell prevailed.

Pulses: In green gram/black gram, chances of infestation of **leaf eating caterpillar and black headed caterpillar** likely to occur. To control them, spray mixture of 2ml profenofos 50%EC or 2 ml quinalphos 25%EC or 1 ml dichlorvos 76%EC per litre of water @200 litres per acre during afternoon. There may be chances of **leaf crinkle disease** infestation due to past foggy and cold conditions. To manage the insect vector of the disease like whitefly and aphid spray Thiamethoxam 25% W. G @ 40 gram/acre or Acetamiprid 20% S.P. @ 50 gram/acre or Imidacloprid 17.8% SL @ 60-ml acre by mixing in 200 litre of water in 15 days interval. There may be chances of infestation of **Anthraxnose and Rust disease** in Pulses. To manage these spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre in 200 ltr water.

Rabi-Groundnut: Farmers are advised to do intercultivation and apply Gypsum @200 kg/ acre in Groundnut which is at flowering stage. To manage **aphids Mites and thrips** spray Thiamethoxam 25% W.G @ 40 gram/acre or Imidacloprid 17.8% SL @ 50-ml/acre by mixing it in 200 litre of water. **For control of Bihary hairy caterpillar and spodotera** go for spraying of fipronil 5% SL 400ml (or) indoxacarb 14.5% SC 80gm or neem oil 1000ml @ 200 liter of water per acre.

Mustard: As there are no chances of rainfall so one irrigation is needed at 50-60 days old plants. To meet the deficiency of Sulfur apply 200 gram sulfur per acre. To control **white rust disease** in mustard, spray Copper oxychloride @ 3g per litre of water. **Painted bug and Aphid attack** may take place in mustard crop, apply Thiamethoxam 25% WG @ 3g per 10 litres of water. To control the **leaf blight of mustard**, spray mancozeb @ 3 gram per liter or propeconazole @ 1 ml per liter at 15 days interval for 2-3 times.

Vegetables: **Thrips and mites** are prominent pests in vegetables at present. To control both, spray Bifenthrin @ 1g/litre or Profenophos @ 2ml/litre of water. To control the **sucking pests like aphid & white fly**, spray Imidacloprid @ 5ml/10 lit of water.

- Cabbage and Cauliflower:** The transplanted cabbage and Cauliflower is at head and Curd development to maturity (9-12 week) stage respectively. **Harvest the matured heads and Curds in the upcoming dry days.** Due to fluctuating temperature condition there may be an attack of **Diamond Back Moth** in Cabbage and cauliflower. To control this apply Spinosad 45SC @ 0.5ml/l. Present humid weather may cause Powdery mildew in cabbage, to control this spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre in 200 ltr water. **Leaf eating caterpillar and fruit borer** may infest cabbage. Spray fipronil 5% SL 400ml or emamectin benzoate 5% SG 80gm or indoxacarb 14.5% SC 200ml mixing in 200lit. of water per acre crop.
- Tomato:** Transplanted seedlings are at 6-8 week stage in main field. **Due to water stress, 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. To manage **late blight** in tomato spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre at 10 days interval. To control **white fly** Spray Imidacloprid (18.7% S.L) 0.8 ml/lit of water or Acetamiprid 1 ml/lit of water or Diafenthiuron 12.5 gram/ 15 lit 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:** Do inter culture and hand weeding may be carried out at 45-50 DAT and application of 30-kg of urea and 15-kg of MOP fertilizer should be done at this stage. Onion being a shallow rooted crop, **needs frequent light irrigation to maintain optimum soil moisture for proper growth and bulb development.** 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.
- Fruits:** To control **mealy bug infestation** in papaya, guava, mango wet the soil near the root zone of the plant with Chlorpyrifos @ 4 ml per litre of water and spray the same insecticide on plant @ 2 ml per litre of water; do not pluck fruits within 15 days of spraying. **Mango:** Present weather conditions are favourable for the incidence of **Mango hoppers**. To control go for spraying of phosamidon @ 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.

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Bulletin No.-169
Date- 19/02/2021

			
MEGHDOOT APP	DAMINI APP	FACEBOOK (Damu Cuttack)	BLOCK SPECIFIC WHAT'S APP GROUPS

- 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.

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