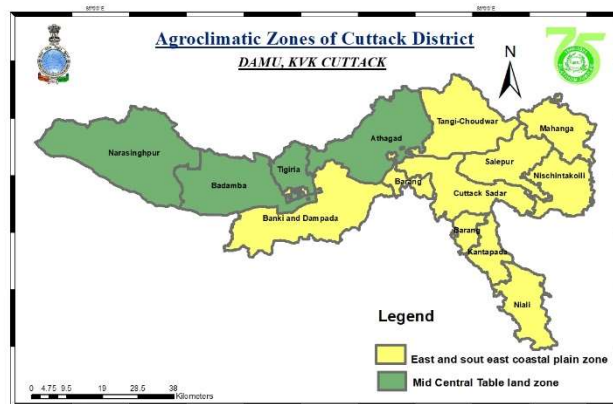
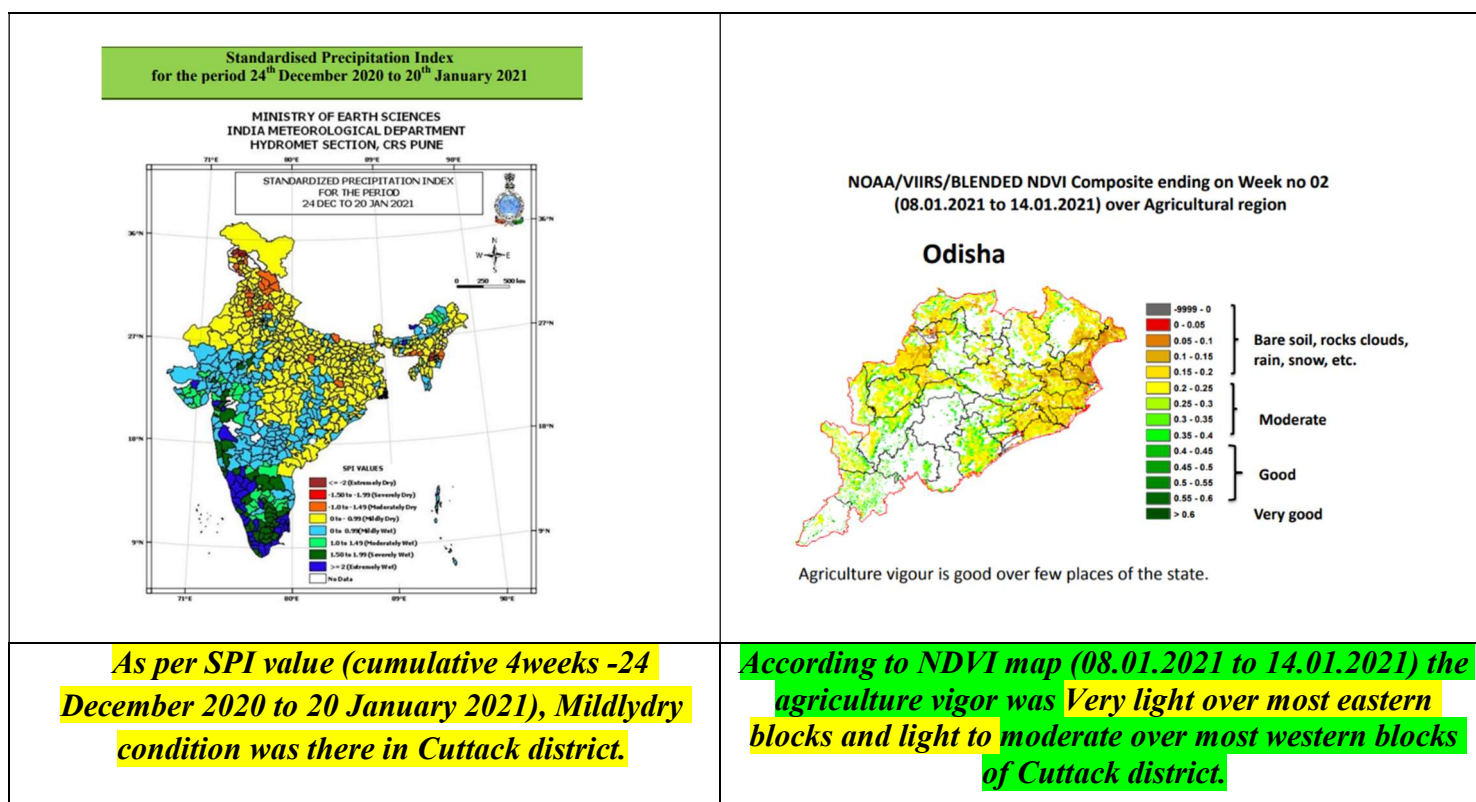


AGROCLIMATIC ZONES OF CUTTACK DISTRICT:



STANDARD PRECIPITATION INDEX AND NDVI MAP



LEGEND(Medium range block level rainfall forecast)	
	No Rainfall
	Very light to light rainfall
	Light to moderate rainfall
	Moderate to heavy rainfall
	Heavy rainfall
	Very heavy rainfall
	Extremely heavy rainfall

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		Aphid
				Black headed caterpillar
				White fly
				YMV
2	Mustard	Vegetative stage to flowering		Aphid
				Saw fly
				Leaf webber
				Stink Bug
3	Rabi Groundnut	Vegetative stage to flowering		Tikka disease
				Aphid and Mites
				Bihary hairy Caterpillar
				Spodotera
4	Vegetables (Tomato, Chilli, Brinjal)	Vegetative to fruiting		Thrips
				Mites



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Bulletin No.-162
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				Chili Aphid
6	Tomato	Flowering to Fruting		Leaf Curl virus
				Late blight
7	Potato	Sprouting/Vegetative stage		Potato tuber moth
				Aphid
				Jassid
				Late blight
8	Cole crops (Cauliflower and cabbage)	Vegetative to fruiting		Leaf eating caterpillar
				Aphid
				Fruit borer
				Diamond back moth
				Tobacco Caterpillar

Dr Sujata Sathy
(Nodal officer)



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Bulletin No.-162
Date- 25/01/2021

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 31°C and 16°C, respectively. Mean relative humidity of the district was around 87-62%. **According to NDVI map (08.01.2021 to 14.01.2021) the agriculture vigor was Very light over most eastern blocks and light to moderate over most western blocks of Cuttack district whereas according to SPI value(cumulative 4 weeks-24December2020 to 20January 2021), Mildly wet condition was there.**

Forecasted period: Today(8.30IST) to 30th January (8.30IST)2021

Weather advisory: **Dense fog is forecasted for upcoming 2 days in isolated places of Cuttack district. No rainfall is forecasted for upcoming 5days (Today (8.30IST) to Saturday (8.30 IST)) in the block.** The day temperature will be 30-32°C and night temperature will be 17-19°C for upcoming 5 days. Maximum and minimum relative humidity will be 88-93% and 28-40% 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	26/01/2021	27/01/2021	28/01/2021	29/01/2021	30/01/2021
Rainfall (mm)	0	0	0	0	0
T-Max (°C)	32	30	30	30	31
T-Min (°C)	19	18	18	17	18
Cloud Cover (octa)	1	2	1	1	3
RH Max (%)	93	92	93	90	88
RH Min (%)	31	40	39	30	28
Wind Speed (kmph)	8	8	8	8	10
Wind Direction (deg)	148	153	150	153	158

Agromet Advisory

General Advisory: As per SPI, mildly dry condition was there in Cuttack district in last 4 weeks, so farmers need to irrigate their field based upon soil moisture condition. As dense fog likely to occur at Cuttack district, which may lead to occurrence of late blight diseases in late sown potato and tomato crop. Farmers may vigil their field and should take appropriate plant protection measures.

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. Cloudy weather may aggravate the infestation of white fly, aphid and powdery mildew in pulses. Spray 2 ml. Dimethoate or Metacystox per litre water to control aphid and Whitefly and spray 3 g Sulfex or 1 ml Propiconazole 10% EC or 1 ml Tebiconazole 25.9%EC per litre water for controlling Powdery mildew. Present weather condition was favourable for the incidence of yellow mosaic virus which was caused by the vector white fly. To control go for spraying of triazophos @ 2ml/lit or Acetamipride @ 0.2gm/lit.

Rabi-Groundnut: Farmers are advised to do intercultivation and apply Gypsum @200 kg/ acre in Groundnut which is at flowering stage. To manage aphids 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. To manage tikka disease in groundnut farmers should spray with 500g Blitox-50 powder in 200 litre 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: The mustard is at 15 to 20 days stage. Go for hoeing and weeding. Thin out the plants and maintain optimum plant population. There are chances of Aphid and stink bug infestation in early sown mustard crop. To manage aphids at early stage, put 8 number of yellow sticky traps per acre and to manage Aphids and stink bugs chemically spray Thiamethoxam 25 % WG @ 40-gram/acre or Acetamiprid 20 % SP @ 50-gram/acre in 200-liter of water. To manage Mustard sawfly and leaf webbers spray Ethofenprox 10 % EC @ 200-ml/acre or Chlorpyrifos 50% + Cypermethrin 5 % E.C @ 400 ml/acre by mixing it in 200 litre of water.

- 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 is at head development (6-9 week) and cauliflower is at curd development (6-9 week) stage. Go for hoeing, weeding and apply 27kg urea with 25kg MOP at six to seven week stage in cabbage and cauliflower. Irrigate the crop after fertilizer application. Current weather is favourable for attack of Cabbage webber and tobacco caterpillar in cole crops. To control these insects, go for alternate spray of Neem based formulation 1500ppm @ 600ml/acre and Emamectin benzoate @ 70g/acre in 200 lit water. Leaf eating caterpillar and fruit borer may infest cabbage, cauliflower and tomato. Spray fipronil 5% SL 400ml or emamectin benzoate 5% SG 80gm or indoxacarb 14.5% SC mixing in 200lit. of water per acre crop. At three week stage go for hoeing, weeding and apply 55kg urea per acre followed by irrigation. Cole crops may get affected by diamond back moth. To control this apply Spinosad 45SC @ 0.5ml/l.
- Tomato:** Transplanted seedlings are at 6-8 week stage in main field. Complete hoeing, weeding and apply 27 kg urea at six week stage. Irrigate the crops after fertilizer application. To control tomato leaf curl virus in field, Spray Imidacloprid 17.8% SL @ 0.5 ml or Dimethoate 30% EC @ 1 ml/litre of 10 water at 15, 25, 45 days after transplanting. To manage late blight in tomato spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre at 10 days interval.
- 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. There are chances of Aphid and Jassid infestation in potato. To manage Aphids and Jassids during primary stage of pest infestation spray Neem Based Pesticide (Azadirachtin) 1500 PPM @ 600-ml/acre. To manage these pests chemically, spray Thiamethoxam 25% W.G @ 40-gram/acre or Dinotefuran 20 % SG @ 80- gram/acre or Flonicamid 50 % WG @ 60- gram/acre by mixing in 200 litre of water. To manage late blight in potato spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre at 10 days interval. **Onion:** The transplanted seedlings are at seedling establishment to four week stage in main field. Irrigate the crop at 10 days interval. Go for hoeing, weeding and 1 st top dressing with 45kg urea per acre crop area at 4 week stage of crop followed by irrigation.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-162
Date- 25/01/2021

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 31°C and 16°C, respectively. Mean relative humidity of the district was around 87-62%. **According to NDVI map (08.01.2021 to 14.01.2021) the agriculture vigor was Very light over most eastern blocks and light to moderate over most western blocks of Cuttack district whereas according to SPI value(cumulative 4 weeks-24December2020 to 20January 2021), Mildly wet condition was there.**

Forecasted period: Today(8.30IST) to 30thJanuary (8.30IST)2021

Weatheradvisory: **Dense fog is forecasted for upcoming 2 days in isolated places of Cuttack district. No rainfall is forecasted for upcoming 5days (Today (8.30IST) to Saturday (8.30 IST)) in the block.** The day temperature will be 30-31°C and night temperature will be 16-18°C for upcoming 5 days. Maximum and minimum relative humidity will be 85-96% and 27-38% 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	26/01/2021	27/01/2021	28/01/2021	29/01/2021	30/01/2021
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	31	30	30	30	31
T-Min(°C)	18	16	17	16	17
Cloud Cover(octa)	1	2	1	1	3
RH Max (%)	95	93	96	92	85
RH Min (%)	31	38	38	33	27
Wind Speed (Kmph)	8	8	8	9	10
Wind Direction (deg)	154	158	148	162	160

Agromet Advisory

General Advisory: As per SPI, mildly dry condition was there in Cuttack district in last 4 weeks, so farmers need to irrigate their field based upon soil moisture condition. As dense fog likely to occur at Cuttack district, which may lead to occurrence of **late blight diseases in late sown potato and tomato crop.** Farmers may vigil their field and should take appropriate plant protection measures.

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. Cloudy weather may aggravate the infestation of **white fly, aphid and powdery mildew** in pulses. Spray 2 ml. Dimethoate or Metacystox per litre water to control aphid and **Whitefly** and spray 3 g Sulfex or 1 ml Propiconazole 10% EC or 1 ml Tebiconazole 25.9%EC per litre water for controlling Powdery mildew. Present weather condition was favourable for the incidence of **yellow mosaic virus** which was caused by the vector white fly. To control go for spraying of triazophos @ 2ml/lit or Acetamipride @ 0.2gm/lit.

Rabi-Groundnut: Farmers are advised to do intercultivation and apply Gypsum @200 kg/ acre in Groundnut which is at flowering stage. To manage **aphids 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. To manage **tikka disease** in groundnut farmers should spray with 500g Blitox-50 powder in 200 litre 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: The mustard is at 15 to 20 days stage. Go for hoeing and weeding. Thin out the plants and maintain optimum plant population. There are chances of **Aphid and stink bug** infestation in early sown mustard crop. To manage aphids at early stage, put 8 number of yellow sticky traps per acre and to manage Aphids and stink bugs chemically spray Thiamethoxam 25 % WG @ 40-gram/acre or Acetamiprid 20 % SP @ 50-gram/acre in 200-liter of water. To manage **Mustard sawfly and leaf webbers** spray Ethofenprox 10 % EC @ 200-ml/acre or Chlorpyrifos 50% + Cypermethrin 5 % E.C @ 400 ml/acre by mixing it in 200 litre of water.

- **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 is at head development (6-9 week) and cauliflower is at curd development (6-9 week) stage. Go for hoeing, weeding and apply 27kg urea with 25kg MOP at six to seven week stage in cabbage and cauliflower. Irrigate the crop after fertilizer application. Current weather is favourable for attack of **Cabbage webber** and **tobacco caterpillar** in cole crops. To control these insects, go for alternate spray of Neem based formulation 1500ppm @ 600ml/acre and Emamectin benzoate @ 70g/acre in 200 lit water. **Leaf eating caterpillar and fruit borer** may infest cabbage, cauliflower and tomato. Spray fipronil 5% SL 400ml or indoxacarb 14.5% SC mixing in 200lit. of water per acre crop. At three week stage go for hoeing, weeding and apply 55kg urea per acre followed by irrigation. Cole crops may get affected by **diamond back moth**. To control this apply Spinosad 45SC @ 0.5ml/l.
- **Tomato:** Transplanted seedlings are at 6-8 week stage in main field. Complete hoeing, weeding and apply 27 kg urea at six week stage. Irrigate the crops after fertilizer application. To control **tomato leaf curl virus** in field, Spray Imidacloprid 17.8% SL @ 0.5 ml or Dimethoate 30% EC @ 1 ml/litre of 10 water at 15, 25, 45 days after transplanting. To manage **late blight** in tomato spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre at 10 days interval.
- **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. There are chances of Aphid and Jassid infestation in potato. To manage **Aphids and Jassids** during primary stage of pest infestation spray Neem Based Pesticide (Azadirachtin) 1500 PPM @ 600-ml/acre. To manage these pests chemically, spray Thiamethoxam 25% W.G @ 40-gram/acre or Dinotefuran 20 % SG @ 80- gram/acre or Flonicamid 50 % WG @ 60- gram/acre by mixing in 200 litre of water. To manage **late blight** in potato spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre at 10 days interval. **Onion:** The transplanted seedlings are at seedling establishment to four week stage in main field. Irrigate the crop at 10 days interval. Go for hoeing, weeding and 1 st top dressing with 45kg urea per acre crop area at 4 week stage of crop followed by irrigation.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-162
Date- 25/01/2021

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 31°C and 16°C, respectively. Mean relative humidity of the district was around 87-62%. **According to NDVI map (08.01.2021 to 14.01.2021) the agriculture vigor was Very light over most eastern blocks and light to moderate over most western blocks of Cuttack district whereas according to SPI value(cumulative 4 weeks-24December2020 to 20January 2021), Mildly wet condition was there.**

Forecasted period: Today(8.30IST) to 30thJanuary (8.30IST)2021

Weatheradvisory: **Dense fog is forecasted for upcoming 2 days in isolated places of Cuttack district. No rainfall is forecasted for upcoming 5days (Today (8.30IST) to Saturday (8.30 IST)) in the block.** The day temperature will be 30-31°C and night temperature will be 17-18°Cfor upcoming 5 days. Maximum and minimum relative humidity will be 85-94% and 29-40% 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	26/01/2021	27/01/2021	28/01/2021	29/01/2021	30/01/2021
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	31	30	30	30	31
T-Min(°C)	18	17	17	17	18
Cloud Cover(octa)	1	2	1	0	3
RH Max (%)	94	92	94	91	85
RH Min (%)	34	40	40	33	29
Wind Speed (Kmph)	9	8	8	9	11
Wind Direction (deg)	158	153	152	158	160

Agromet Advisory

General Advisory: As per SPI, mildly dry condition was there in Cuttack district in last 4 weeks, so farmers need to irrigate their field based upon soil moisture condition. As dense fog likely to occur at Cuttack district, which may lead to occurrence of **late blight diseases in late sown potato and tomato crop.** Farmers may vigil their field and should take appropriate plant protection measures.

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. Cloudy weather may aggravate the infestation of **white fly, aphid and powdery mildew** in pulses. Spray 2 ml. Dimethoate or Metacystox per litre water to control aphid and **Whitefly** and spray 3 g Sulfex or 1 ml Propiconazole 10% EC or 1 ml Tebiconazole 25.9%EC per litre water for controlling Powdery mildew. Present weather condition was favourable for the incidence of **yellow mosaic virus** which was caused by the vector white fly. To control go for spraying of triazophos @ 2ml/ltr or Acetamipride@0.2gm/ltr.

Rabi-Groundnut: Farmers are advised to do intercultivation and apply Gypsum @200 kg/ acre in Groundnut which is at flowering stage. To manage **aphids 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. To manage **tikka disease** in groundnut farmers should spray with 500g Blitox-50 powder in 200 litre 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: The mustard is at 15 to 20 days stage. Go for hoeing and weeding. Thin out the plants and maintain optimum plant population. There are chances of **Aphid and stink bug** infestation in early sown mustard crop. To manage aphids at early stage, put 8 number of yellow sticky traps per acre and to manage Aphids and stink bugs chemically spray Thiamethoxam 25 % WG @ 40-gram/acre or Acetamiprid 20 % SP @ 50-gram/acre in 200-liter of water. To manage **Mustard sawfly and leaf webbers** spray Ethofenprox 10 % EC @ 200-ml/acre or Chlorpyrifos 50% + Cypermethrin 5 % E.C @ 400 ml/acre by mixing it in 200 litre of water.

- **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.
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- **Tomato:** Transplanted seedlings are at 6-8 week stage in main field. Complete hoeing, weeding and apply 27 kg urea at six week stage. Irrigate the crops after fertilizer application. To control **tomato leaf curl virus** in field, Spray Imidachloprid 17.8% SL @ 0.5 ml or Dimethoate 30% EC @ 1 ml/litre of 10 water at 15, 25, 45 days after transplanting. To manage **late blight** in tomato spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre at 10 days interval.
- **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. There are chances of Aphid and Jassid infestation in potato. To manage **Aphids and Jassids** during primary stage of pest infestation spray Neem Based Pesticide (Azadirachtin) 1500 PPM @ 600-ml/acre. To manage these pests chemically, spray Thiamethoxam 25% W.G @ 40-gram/acre or Dinotefuran 20 % SG @ 80- gram/acre or Flonicamid 50 % WG @ 60- gram/acre by mixing in 200 litre of water. To manage **late blight** in potato spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre at 10 days interval. **Onion:** The transplanted seedlings are at seedling establishment to four week stage in main field. Irrigate the crop at 10 days interval. Go for hoeing, weeding and 1 st top dressing with 45kg urea per acre crop area at 4 week stage of crop followed by irrigation.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-162
Date- 25/01/2021

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 31°C and 16°C, respectively. Mean relative humidity of the district was around 87-62%. **According to NDVI map (08.01.2021 to 14.01.2021) the agriculture vigor was Very light over most eastern blocks and light to moderate over most western blocks of Cuttack district whereas according to SPI value(cumulative 4 weeks-24December2020 to 20January 2021), Mildly wet condition was there.**

Forecasted period: Today(8.30IST) to 30thJanuary (8.30IST)2021

Weather Advisory: **Dense fog is forecasted for upcoming 2 days in isolated places of Cuttack district. No rainfall is forecasted for upcoming 5days (Today (8.30IST) to Saturday (8.30 IST)) in the block.** The day temperature will be 30-31°C and night temperature will be 17-18°C for upcoming 5 days. Maximum and minimum relative humidity will be 85-94% and 29-40% respectively. There will be mainly clear to partly cloudy sky for next 5days.

Block	Banki-Dampara (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	26/01/2021	27/01/2021	28/01/2021	29/01/2021	30/01/2021
Rainfall(mm)	0	0	0	0	1
T-Max(°C)	31	30	30	30	31
T-Min(°C)	18	17	17	17	18
Cloud Cover(octa)	1	2	1	0	3
RH Max (%)	94	92	94	91	85
RH Min (%)	34	40	40	33	29
Wind Speed (Kmph)	9	8	8	8	11
Wind Direction (deg)	158	153	152	158	160

Agromet Advisory

General Advisory: As per SPI, mildly dry condition was there in Cuttack district in last 4 weeks, so farmers need to irrigate their field based upon soil moisture condition. As dense fog likely to occur at Cuttack district, which may lead to occurrence of late blight diseases in late sown potato and tomato crop. Farmers may vigil their field and should take appropriate plant protection measures.

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. Cloudy weather may aggravate the infestation of white fly, aphid and powdery mildew in pulses. Spray 2 ml. Dimethoate or Metacystox per litre water to control aphid and Whitefly and spray 3 g Sulfex or 1 ml Propiconazole 10% EC or 1 ml Tebiconazole 25.9%EC per litre water for controlling Powdery mildew. Present weather condition was favourable for the incidence of yellow mosaic virus which was caused by the vector white fly. To control go for spraying of triazophos @ 2ml/lit or Acetamipride @ 0.2gm/lit.

Rabi-Groundnut: Farmers are advised to do intercultivation and apply Gypsum @200 kg/ acre in Groundnut which is at flowering stage. To manage aphids 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. To manage tikka disease in groundnut farmers should spray with 500g Blitox-50 powder in 200 litre 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: The mustard is at 15 to 20 days stage. Go for hoeing and weeding. Thin out the plants and maintain optimum plant population. There are chances of Aphid and stink bug infestation in early sown mustard crop. To manage aphids at early stage, put 8 number of yellow sticky traps per acre and to manage Aphids and stink bugs chemically spray Thiamethoxam 25 % WG @ 40-gram/acre or Acetamiprid 20 % SP @ 50-gram/acre in 200-liter of water. To manage Mustard sawfly and leaf Webbers spray Ethofenprox 10 % EC @ 200-ml/acre or Chlorpyrifos 50% + Cypermethrin 5 % E.C @ 400 ml/acre by mixing it in 200 litre of water.

- 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 is at head development (6-9 week) and cauliflower is at curd development (6-9 week) stage. Go for hoeing, weeding and apply 27kg urea with 25kg MOP at six to seven week stage in cabbage and cauliflower. Irrigate the crop after fertilizer application. Current weather is favourable for attack of Cabbage webber and tobacco caterpillar in cole crops. To control these insects, go for alternate spray of Neem based formulation 1500ppm @ 600ml/acre and Emamectin benzoate @ 70g/acre in 200 lit water. Leaf eating caterpillar and fruit borer may infest cabbage, cauliflower and tomato. Spray fipronil 5% SL 400ml or emamectin benzoate 5% SG 80gm or indoxacarb 14.5% SC mixing in 200lit. of water per acre crop. At three week stage go for hoeing, weeding and apply 55kg urea per acre followed by irrigation. Cole crops may get affected by diamond back moth. To control this apply Spinosad 45SC @ 0.5ml/l.
- Tomato:** Transplanted seedlings are at 6-8 week stage in main field. Complete hoeing, weeding and apply 27 kg urea at six week stage. Irrigate the crops after fertilizer application. To control tomato leaf curl virus in field, Spray Imidachloprid 17.8% SL @ 0.5 ml or Dimethoate 30% EC @ 1 ml/litre of 10 water at 15, 25, 45 days after transplanting. To manage late blight in tomato spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre at 10 days interval. **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. There are chances of Aphid and Jassid infestation in potato. To manage Aphids and Jassids during primary stage of pest infestation spray Neem Based Pesticide (Azadirachtin) 1500 PPM @ 600-ml/acre. To manage these pests chemically, spray Thiamethoxam 25% W.G @ 40-gram/acre or Dinotefuran 20 % SG @ 80- gram/acre or Flonicamid 50 % WG @ 60- gram/acre by mixing in 200 litre of water. To manage late blight in potato spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre at 10 days interval. **Onion:** The transplanted seedlings are at seedling establishment to four week stage in main field. Irrigate the crop at 10 days interval. Go for hoeing, weeding and 1 st top dressing with 45kg urea per acre crop area at 4 week stage of crop followed by irrigation.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-162
Date- 25/01/2021

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 31°C and 16°C, respectively. Mean relative humidity of the district was around 87-62%. **According to NDVI map (08.01.2021 to 14.01.2021) the agriculture vigor was Very light over most eastern blocks and light to moderate over most western blocks of Cuttack district whereas according to SPI value(cumulative 4 weeks-24December2020 to 20January 2021), Mildly wet condition was there.**

Forecasted period: Today(8.30IST) to 30thJanuary (8.30IST)2021

Weatheradvisory: **Dense fog is forecasted for upcoming 2 days in isolated places of Cuttack district. No rainfall is forecasted for upcoming 5days (Today (8.30IST) to Saturday (8.30 IST)) in the block.** The day temperature will be 29-30°C and night temperature will be 17-19°C for upcoming 5 days. Maximum and minimum relative humidity will be 80-92% and 30-42% respectively. There will be mainly clear to partly cloudy sky for next 5days.

Block	Baranga(VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	26/01/2021	27/01/2021	28/01/2021	29/01/2021	30/01/2021
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	30	29	29	30	30
T-Min(°C)	19	18	18	17	19
Cloud Cover	1	2	1	0	3
RH Max (%)	91	92	91	88	80
RH Min (%)	37	42	39	31	30
Wind Speed (Kmph)	8	7	7	7	9
Wind Direction (deg)	158	160	154	135	155

Agromet Advisory

General Advisory: As per SPI, mildly dry condition was there in Cuttack district in last 4 weeks, so farmers need to irrigate their field based upon soil moisture condition. As dense fog likely to occur at Cuttack district, which may lead to occurrence of **late blight diseases in late sown potato and tomato crop.** Farmers may vigil their field and should take appropriate plant protection measures.

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. Cloudy weather may aggravate the infestation of **white fly, aphid and powdery mildew** in pulses. Spray 2 ml. Dimethoate or Metacystox per litre water to control aphid and **Whitefly** and spray 3 g Sulfex or 1 ml Propiconazole 10% EC or 1 ml Tebiconazole 25.9%EC per litre water for controlling Powdery mildew. Present weather condition was favourable for the incidence of **yellow mosaic virus** which was caused by the vector white fly. To control go for spraying of triazophos @ 2ml/lit or Acetamipride @ 0.2gm/lit.

Rabi-Groundnut: Farmers are advised to do intercultivation and apply Gypsum @200 kg/ acre in Groundnut which is at flowering stage. To manage **aphids 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. To manage **tikka disease** in groundnut farmers should spray with 500g Blitox-50 powder in 200 litre 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: The mustard is at 15 to 20 days stage. Go for hoeing and weeding. Thin out the plants and maintain optimum plant population. There are chances of **Aphid and stink bug** infestation in early sown mustard crop. To manage aphids at early stage, put 8 number of yellow sticky traps per acre and to manage Aphids and stink bugs chemically spray Thiamethoxam 25 % WG @ 40-gram/acre or Acetamiprid 20 % SP @ 50-gram/acre in 200-liter of water. To manage **Mustard sawfly and leaf webbers** spray Ethofenprox 10 % EC @ 200-ml/acre or Chlorpyrifos 50% + Cypermethrin 5 % E.C @ 400 ml/acre by mixing it in 200 litre of water.

- **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 is at head development (6-9 week) and cauliflower is at curd development (6-9 week) stage. Go for hoeing, weeding and apply 27kg urea with 25kg MOP at six to seven week stage in cabbage and cauliflower. Irrigate the crop after fertilizer application. Current weather is favourable for attack of **Cabbage webber** and **tobacco caterpillar** in cole crops. To control these insects, go for alternate spray of Neem based formulation 1500ppm @ 600ml/acre and Emamectin benzoate @ 70g/acre in 200 lit water. **Leaf eating caterpillar and fruit borer** may infest cabbage, cauliflower and tomato. Spray fipronil 5% SL 400ml or emamectin benzoate 5% SG 80gm or indoxacarb 14.5% SC mixing in 200lit. of water per acre crop. At three week stage go for hoeing, weeding and apply 55kg urea per acre followed by irrigation. Cole crops may get affected by **diamond back moth**. To control this apply Spinosad 45SC @ 0.5ml/l.
- **Tomato:** Transplanted seedlings are at 6-8 week stage in main field. Complete hoeing, weeding and apply 27 kg urea at six week stage. Irrigate the crops after fertilizer application. To control **tomato leaf curl virus** in field, Spray Imidacloprid 17.8% SL @ 0.5 ml or Dimethoate 30% EC @ 1 ml/litre of 10 water at 15, 25, 45 days after transplanting. To manage **late blight** in tomato spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre at 10 days interval. **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. There are chances of Aphid and Jassid infestation in potato. To manage **Aphids and Jassids** during primary stage of pest infestation spray Neem Based Pesticide (Azadirachtin) 1500 PPM @ 600-ml/acre. To manage these pests chemically, spray Thiamethoxam 25% W.G @ 40-gram/acre or Dinotefuran 20 % SG @ 80- gram/acre or Flonicamid 50 % WG @ 60- gram/acre by mixing in 200 litre of water. To manage **late blight** in potato spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre at 10 days interval. **Onion:** The transplanted seedlings are at seedling establishment to four week stage in main field. Irrigate the crop at 10 days interval. Go for hoeing, weeding and 1 st top dressing with 45kg urea per acre crop area at 4 week stage of crop followed by irrigation.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-162
Date- 25/01/2021

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 31°C and 16°C, respectively. Mean relative humidity of the district was around 87-62%. **According to NDVI map (08.01.2021 to 14.01.2021) the agriculture vigor was Very light over most eastern blocks and light to moderate over most western blocks of Cuttack district whereas according to SPI value(cumulative 4 weeks-24December2020 to 20January 2021), Mildly wet condition was there.**

Forecasted period: Today(8.30IST) to 30th January (8.30IST)2021

Weatheradvisory: No rainfall is forecasted for upcoming 5days (Today (8.30IST) to Wednesday (8.30 IST)) in the block. The day temperature will be 29-31°C and night temperature will be 18-19°C for upcoming 5 days. Maximum and minimum relative humidity will be 82-91% and 29-41% respectively. There will be mainly clear to partly cloudy sky for next 5days.

Block	Cuttack sadar (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	26/01/2021	27/01/2021	28/01/2021	29/01/2021	30/01/2021
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	31	29	29	30	30
T-Min(°C)	19	18	18	18	18
Cloud Cover(octa)	1	2	1	0	2
RH Max (%)	91	91	91	88	82
RH Min (%)	34	41	38	29	29
Wind Speed (Kmph)	7	7	7	7	9
Wind Direction (deg)	153	160	150	135	155

Agromet Advisory

General Advisory: As per SPI, mildly dry condition was there in Cuttack district in last 4 weeks, so farmers need to irrigate their field based upon soil moisture condition. As dense fog likely to occur at Cuttack district, which may lead to occurrence of late blight diseases in late sown potato and tomato crop. Farmers may vigil their field and should take appropriate plant protection measures.

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. Cloudy weather may aggravate the infestation of white fly, aphid and powdery mildew in pulses. Spray 2 ml. Dimethoate or Metacystox per litre water to control aphid and Whitefly and spray 3 g Sulfex or 1 ml Propiconazole 10% EC or 1 ml Tebiconazole 25.9%EC per litre water for controlling Powdery mildew. Present weather condition was favourable for the incidence of yellow mosaic virus which was caused by the vector white fly. To control go for spraying of triazophos @ 2ml/ltr or Acetamipride @ 0.2gm/ltr.

Rabi-Groundnut: Farmers are advised to do intercultivation and apply Gypsum @200 kg/ acre in Groundnut which is at flowering stage. To manage aphids 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. To manage tikka disease in groundnut farmers should spray with 500g Blitox-50 powder in 200 litre 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: The mustard is at 15 to 20 days stage. Go for hoeing and weeding. Thin out the plants and maintain optimum plant population. There are chances of Aphid and stink bug infestation in early sown mustard crop. To manage aphids at early stage, put 8 number of yellow sticky traps per acre and to manage Aphids and stink bugs chemically spray Thiamethoxam 25 % WG @ 40-gram/acre or Acetamiprid 20 % SP @ 50-gram/acre in 200-liter of water. To manage Mustard sawfly and leaf Webbers spray Ethofenprox 10 % EC @ 200-ml/acre or Chlorpyrifos 50% + Cypermethrin 5 % E.C @ 400 ml/acre by mixing it in 200 litre of water.

- 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 is at head development (6-9 week) and cauliflower is at curd development (6-9 week) stage. Go for hoeing, weeding and apply 27kg urea with 25kg MOP at six to seven week stage in cabbage and cauliflower. Irrigate the crop after fertilizer application. Current weather is favourable for attack of Cabbage webber and tobacco caterpillar in cole crops. To control these insects, go for alternate spray of Neem based formulation 1500ppm @ 600ml/acre and Emamectin benzoate @ 70g/acre in 200 lit water. Leaf eating caterpillar and fruit borer may infest cabbage, cauliflower and tomato. Spray fipronil 5% SL 400ml or emamectin benzoate 5% SG 80gm or indoxacarb 14.5% SC mixing in 200lit. of water per acre crop. At three week stage go for hoeing, weeding and apply 55kg urea per acre followed by irrigation. Cole crops may get affected by diamond back moth. To control this apply Spinosad 45SC @ 0.5ml/l.
- Tomato:** Transplanted seedlings are at 6-8 week stage in main field. Complete hoeing, weeding and apply 27 kg urea at six week stage. Irrigate the crops after fertilizer application. To control tomato leaf curl virus in field, Spray Imidachloprid 17.8% SL @ 0.5 ml or Dimethoate 30% EC @ 1 ml/litre of 10 water at 15, 25, 45 days after transplanting. To manage late blight in tomato spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre at 10 days interval.
- 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. There are chances of Aphid and Jassid infestation in potato. To manage Aphids and Jassids during primary stage of pest infestation spray Neem Based Pesticide (Azadirachtin) 1500 PPM @ 600-ml/acre. To manage these pests chemically, spray Thiamethoxam 25% W.G @ 40-gram/acre or Dinotefuran 20 % SG @ 80- gram/acre or Flonicamid 50 % WG @ 60- gram/acre by mixing in 200 litre of water. To manage late blight in potato spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre at 10 days interval. **Onion:** The transplanted seedlings are at seedling establishment to four week stage in main field. Irrigate the crop at 10 days interval. Go for hoeing, weeding and 1 st top dressing with 45kg urea per acre crop area at 4 week stage of crop followed by irrigation.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-162
Date- 25/01/2021

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 31°C and 16°C, respectively. Mean relative humidity of the district was around 87-62%. **According to NDVI map (08.01.2021 to 14.01.2021) the agriculture vigor was Very light over most eastern blocks and light to moderate over most western blocks of Cuttack district whereas according to SPI value(cumulative 4 weeks-24December2020 to 20January 2021), Mildly wet condition was there.**

Forecasted period: Today(8.30IST) to 30thJanuary (8.30IST)2021

Weatheradvisory: **Dense fog is forecasted for upcoming 2 days in isolated places of Cuttack district. No rainfall is forecasted for upcoming 5days (Today (8.30IST) to Saturday (8.30 IST)) in the block.** The day temperature will be 29-30°C and night temperature will be 18-20°Cfor upcoming 5 days. Maximum and minimum relative humidity will be 78-91% and 32-43% 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	26/01/2021	27/01/2021	28/01/2021	29/01/2021	30/01/2021
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	30	29	29	30	30
T-Min(°C)	19	18	18	18	20
Cloud Cover(octa)	1	2	1	0	3
RH Max (%)	89	91	91	88	78
RH Min (%)	43	43	40	33	32
Wind Speed (Kmph)	8	7	8	8	9
Wind Direction (deg)	162	154	124	135	158

Agromet Advisory

General Advisory: As per SPI, mildly dry condition was there in Cuttack district in last 4 weeks, so farmers need to irrigate their field based upon soil moisture condition. As dense fog likely to occur at Cuttack district, which may lead to occurrence of **late blight diseases in late sown potato and tomato crop.** Farmers may vigil their field and should take appropriate plant protection measures.

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. Cloudy weather may aggravate the infestation of **white fly, aphid and powdery mildew** in pulses. Spray 2 ml. Dimethoate or Metacystox per litre water to control aphid and **Whitefly** and spray 3 g Sulfex or 1 ml Propiconazole 10% EC or 1 ml Tebiconazole 25.9%EC per litre water for controlling Powdery mildew. Present weather condition was favourable for the incidence of **yellow mosaic virus** which was caused by the vector white fly. To control go for spraying of triazophos @ 2ml/lit or Acetamipride @ 0.2gm/lit.

Rabi-Groundnut: Farmers are advised to do intercultivation and apply Gypsum @200 kg/ acre in Groundnut which is at flowering stage. To manage **aphids 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. To manage **tikka disease** in groundnut farmers should spray with 500g Blitox-50 powder in 200 litre 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: The mustard is at 15 to 20 days stage. Go for hoeing and weeding. Thin out the plants and maintain optimum plant population. There are chances of **Aphid and stink bug** infestation in early sown mustard crop. To manage aphids at early stage, put 8 number of yellow sticky traps per acre and to manage Aphids and stink bugs chemically spray Thiamethoxam 25 % WG @ 40-gram/acre or Acetamiprid 20 % SP @ 50-gram/acre in 200-liter of water. To manage **Mustard sawfly and leaf webbers** spray Ethofenprox 10 % EC @ 200-ml/acre or Chlorpyrifos 50% + Cypermethrin 5 % E.C @ 400 ml/acre by mixing it in 200 litre of water.

- **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 is at head development (6-9 week) and cauliflower is at curd development (6-9 week) stage. Go for hoeing, weeding and apply 27kg urea with 25kg MOP at six to seven week stage in cabbage and cauliflower. Irrigate the crop after fertilizer application. Current weather is favourable for attack of **Cabbage webber and tobacco caterpillar** in cole crops. To control these insects, go for alternate spray of Neem based formulation 1500ppm @ 600ml/acre and Emamectin benzoate @ 70g/acre in 200 lit water. **Leaf eating caterpillar and fruit borer** may infest cabbage, cauliflower and tomato. Spray fipronil 5% SL 400ml or indoxacarb 14.5% SC mixing in 200lit. of water per acre crop. At three week stage go for hoeing, weeding and apply 55kg urea per acre followed by irrigation. Cole crops may get affected by **diamond back moth**. To control this apply Spinosad 45SC @ 0.5ml/l.
- **Tomato:** Transplanted seedlings are at 6-8 week stage in main field. Complete hoeing, weeding and apply 27 kg urea at six week stage. Irrigate the crops after fertilizer application. To control **tomato leaf curl virus** in field, Spray Imidachloprid 17.8% SL @ 0.5 ml or Dimethoate 30% EC @ 1 ml/litre of 10 water at 15, 25, 45 days after transplanting. To manage **late blight** in tomato spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre at 10 days interval. **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. There are chances of Aphid and Jassid infestation in potato. To manage **Aphids and Jassids** during primary stage of pest infestation spray Neem Based Pesticide (Azadirachtin) 1500 PPM @ 600-ml/acre. To manage these pests chemically, spray Thiamethoxam 25% W.G @ 40-gram/acre or Dinotefuran 20 % SG @ 80- gram/acre or Flonicamid 50 % WG @ 60- gram/acre by mixing in 200 litre of water. To manage **late blight** in potato spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre at 10 days interval. **Onion:** The transplanted seedlings are at seedling establishment to four week stage in main field. Irrigate the crop at 10 days interval. Go for hoeing, weeding and 1 st top dressing with 45kg urea per acre crop area at 4 week stage of crop followed by irrigation.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-162
Date- 25/01/2021

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 31°C and 16°C, respectively. Mean relative humidity of the district was around 87-62%. **According to NDVI map (08.01.2021 to 14.01.2021) the agriculture vigor was Very light over most eastern blocks and light to moderate over most western blocks of Cuttack district whereas according to SPI value(cumulative 4 weeks-24December2020 to 20January 2021), Mildly wet condition was there.**

Forecasted period: Today(8.30IST) to 30th January (8.30IST)2021

Weather advisory: **Dense fog is forecasted for upcoming 2 days in isolated places of Cuttack district. No rainfall is forecasted for upcoming 5 days (Today (8.30IST) to Saturday (8.30 IST)) in the block.** The day temperature will be 29-30°C and night temperature will be 17-19°C for upcoming 5 days. Maximum and minimum relative humidity will be 76-91% and 30-41% respectively. There will be mainly clear to partly cloudy sky for next 5 days.

Block	Mahanga(VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	26/01/2021	27/01/2021	28/01/2021	29/01/2021	30/01/2021
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	30	29	29	29	30
T-Min(°C)	19	18	17	17	19
Cloud Cover(octal)	1	2	1	0	2
RH Max (%)	89	91	87	83	76
RH Min (%)	38	41	36	31	30
Wind Speed (Kmph)	8	8	8	8	8
Wind Direction (deg)	158	154	68	117	160

Agromet Advisory

General Advisory: As per SPI, mildly dry condition was there in Cuttack district in last 4 weeks, so farmers need to irrigate their field based upon soil moisture condition. As dense fog likely to occur at Cuttack district, which may lead to occurrence of **late blight diseases in late sown potato and tomato crop.** Farmers may vigil their field and should take appropriate plant protection measures.

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. Cloudy weather may aggravate the infestation of **white fly, aphid and powdery mildew** in pulses. Spray 2 ml. Dimethoate or Metacystox per litre water to control aphid and **Whitefly** and spray 3 g Sulfex or 1 ml Propiconazole 10% EC or 1 ml Tebiconazole 25.9%EC per litre water for controlling Powdery mildew. Present weather condition was favourable for the incidence of **yellow mosaic virus** which was caused by the vector white fly. To control go for spraying of triazophos @ 2ml/lit or Acetamipride @ 0.2gm/lit.

Rabi-Groundnut: Farmers are advised to do intercultivation and apply Gypsum @200 kg/ acre in Groundnut which is at flowering stage. To manage **aphids 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. To manage **tikka disease** in groundnut farmers should spray with 500g Blitox-50 powder in 200 litre 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: The mustard is at 15 to 20 days stage. Go for hoeing and weeding. Thin out the plants and maintain optimum plant population. There are chances of **Aphid and stink bug** infestation in early sown mustard crop. To manage aphids at early stage, put 8 number of yellow sticky traps per acre and to manage Aphids and stink bugs chemically spray Thiamethoxam 25 % WG @ 40-gram/acre or Acetamiprid 20 % SP @ 50-gram/acre in 200-liter of water. To manage **Mustard sawfly and leaf webbers** spray Ethofenprox 10 % EC @ 200-ml/acre or Chlorpyrifos 50% + Cypermethrin 5 % E.C @ 400 ml/acre by mixing it in 200 litre of water.

- **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 is at head development (6-9 week) and cauliflower is at curd development (6-9 week) stage. Go for hoeing, weeding and apply 27kg urea with 25kg MOP at six to seven week stage in cabbage and cauliflower. Irrigate the crop after fertilizer application. Current weather is favourable for attack of **Cabbage webber** and **tobacco caterpillar** in cole crops. To control these insects, go for alternate spray of Neem based formulation 1500ppm @ 600ml/acre and Emamectin benzoate @ 70g/acre in 200 lit water. **Leaf eating caterpillar and fruit borer** may infest cabbage, cauliflower and tomato. Spray fipronil 5% SL 400ml or indoxacarb 14.5% SC mixing in 200lit. of water per acre crop. At three week stage go for hoeing, weeding and apply 55kg urea per acre followed by irrigation. Cole crops may get affected by **diamond back moth**. To control this apply Spinosad 45SC @ 0.5ml/l.
- **Tomato:** Transplanted seedlings are at 6-8 week stage in main field. Complete hoeing, weeding and apply 27 kg urea at six week stage. Irrigate the crops after fertilizer application. To control **tomato leaf curl virus** in field, Spray Imidacloprid 17.8% SL @ 0.5 ml or Dimethoate 30% EC @ 1 ml/litre of 10 water at 15, 25, 45 days after transplanting. To manage **late blight** in tomato spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre at 10 days interval.
- **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. There are chances of Aphid and Jassid infestation in potato. To manage **Aphids and Jassids** during primary stage of pest infestation spray Neem Based Pesticide (Azadirachtin) 1500 PPM @ 600-ml/acre. To manage these pests chemically, spray Thiamethoxam 25% W.G @ 40-gram/acre or Dinotefuran 20 % SG @ 80- gram/acre or Flonicamid 50 % WG @ 60- gram/acre by mixing in 200 litre of water. To manage **late blight** in potato spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre at 10 days interval. **Onion:** The transplanted seedlings are at seedling establishment to four week stage in main field. Irrigate the crop at 10 days interval. Go for hoeing, weeding and 1 st top dressing with 45kg urea per acre crop area at 4 week stage of crop followed by irrigation.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-162
Date- 25/01/2021

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 31°C and 16°C, respectively. Mean relative humidity of the district was around 87-62%. **According to NDVI map (08.01.2021 to 14.01.2021) the agriculture vigor was Very light over most eastern blocks and light to moderate over most western blocks of Cuttack district whereas according to SPI value(cumulative 4 weeks-24December2020 to 20January 2021), Mildly wet condition was there.**

Forecasted period: Today(8.30IST) to 30th January (8.30IST)2021

Weather advisory: **Dense fog is forecasted for upcoming 2 days in isolated places of Cuttack district. No rainfall is forecasted for upcoming 5 days (Today (8.30IST) to Saturday (8.30 IST)) in the block.** The day temperature will be 30-32°C and night temperature will be 15-17°C for upcoming 5 days. Maximum and minimum relative humidity will be 82-98% and 27-34% respectively. There will be mainly clear to partly cloudy sky for next 5 days.

Block	Narasinghpur (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	26/01/2021	27/01/2021	28/01/2021	29/01/2021	30/01/2021
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	32	30	30	30	30
T-Min(°C)	17	15	16	16	16
Cloud Cover(/octa)	1	3	1	1	4
RH Max (%)	98	94	97	95	82
RH Min (%)	27	34	33	32	28
Wind Speed (Kmph)	5	7	7	8	8
Wind Direction (deg)	156	159	158	162	169

Agromet Advisory

General Advisory: As per SPI, mildly dry condition was there in Cuttack district in last 4 weeks, so farmers need to irrigate their field based upon soil moisture condition. As dense fog likely to occur at Cuttack district, which may lead to occurrence of **late blight diseases in late sown potato and tomato crop.** Farmers may vigil their field and should take appropriate plant protection measures.

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. Cloudy weather may aggravate the infestation of **white fly, aphid and powdery mildew** in pulses. Spray 2 ml. Dimethoate or Metacystox per litre water to control aphid and **Whitefly** and spray 3 g Sulfex or 1 ml Propiconazole 10% EC or 1 ml Tebiconazole 25.9%EC per litre water for controlling Powdery mildew. Present weather condition was favourable for the incidence of **yellow mosaic virus** which was caused by the vector white fly. To control go for spraying of triazophos @ 2ml/ltr or Acetamipride @ 0.2gm/ltr.

Rabi-Groundnut: Farmers are advised to do intercultivation and apply Gypsum @200 kg/ acre in Groundnut which is at flowering stage. To manage **aphids 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. To manage **tikka disease** in groundnut farmers should spray with 500g Blitox-50 powder in 200 litre 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: The mustard is at 15 to 20 days stage. Go for hoeing and weeding. Thin out the plants and maintain optimum plant population. There are chances of **Aphid and stink bug** infestation in early sown mustard crop. To manage aphids at early stage, put 8 number of yellow sticky traps per acre and to manage Aphids and stink bugs chemically spray Thiamethoxam 25 % WG @ 40-gram/acre or Acetamiprid 20 % SP @ 50-gram/acre in 200-liter of water. To manage **Mustard sawfly and leaf webbers** spray Ethofenprox 10 % EC @ 200-ml/acre or Chlorpyrifos 50% + Cypermethrin 5 % E.C @ 400 ml/acre by mixing it in 200 litre of water.

- **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 is at head development (6-9 week) and cauliflower is at curd development (6-9 week) stage. Go for hoeing, weeding and apply 27kg urea with 25kg MOP at six to seven week stage in cabbage and cauliflower. Irrigate the crop after fertilizer application. Current weather is favourable for attack of **Cabbage webber** and **tobacco caterpillar** in cole crops. To control these insects, go for alternate spray of Neem based formulation 1500ppm @ 600ml/acre and Emamectin benzoate @ 70g/acre in 200 lit water. **Leaf eating caterpillar and fruit borer** may infest cabbage, cauliflower and tomato. Spray fipronil 5% SL 400ml or emamectin benzoate 5% SG 80gm or indoxacarb 14.5% SC mixing in 200lit. of water per acre crop. At three week stage go for hoeing, weeding and apply 55kg urea per acre followed by irrigation. Cole crops may get affected by **diamond back moth**. To control this apply Spinosad 45SC @ 0.5ml/l.
- **Tomato:** Transplanted seedlings are at 6-8 week stage in main field. Complete hoeing, weeding and apply 27 kg urea at six week stage. Irrigate the crops after fertilizer application. To control **tomato leaf curl virus** in field, Spray Imidacloprid 17.8% SL @ 0.5 ml or Dimethoate 30% EC @ 1 ml/litre of 10 water at 15, 25, 45 days after transplanting. To manage **late blight** in tomato spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre at 10 days interval. **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. There are chances of Aphid and Jassid infestation in potato. To manage **Aphids and Jassids** during primary stage of pest infestation spray Neem Based Pesticide (Azadirachtin) 1500 PPM @ 600-ml/acre. To manage these pests chemically, spray Thiamethoxam 25% W.G @ 40-gram/acre or Dinotefuran 20 % SG @ 80- gram/acre or Flonicamid 50 % WG @ 60- gram/acre by mixing in 200 litre of water. To manage **late blight** in potato spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre at 10 days interval. **Onion:** The transplanted seedlings are at seedling establishment to four week stage in main field. Irrigate the crop at 10 days interval. Go for hoeing, weeding and 1 st top dressing with 45kg urea per acre crop area at 4 week stage of crop followed by irrigation.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-162
Date- 25/01/2021

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 31°C and 16°C, respectively. Mean relative humidity of the district was around 87-62%. **According to NDVI map (08.01.2021 to 14.01.2021) the agriculture vigor was Very light over most eastern blocks and light to moderate over most western blocks of Cuttack district whereas according to SPI value(cumulative 4 weeks-24December2020 to 20January 2021), Mildly wet condition was there.**

Forecasted period: Today(8.30IST) to 30th January (8.30IST)2021

Weatheradvisory: **Dense fog is forecasted for upcoming 2 days in isolated places of Cuttack district. No rainfall is forecasted for upcoming 5days (Today (8.30IST) to Saturday (8.30 IST)) in the block.** The day temperature will be 29-30°C and night temperature will be 17-19°C for upcoming 5 days. Maximum and minimum relative humidity will be 76-91% and 34-47% respectively. There will be mainly clear to partly cloudy sky for next 5days.

Block	Niali(VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	26/01/2021	27/01/2021	28/01/2021	29/01/2021	30/01/2021
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	30	29	29	30	30
T-Min(°C)	19	18	18	17	19
Cloud Cover(octa)	1	2	0	0	3
RH Max (%)	87	91	90	88	76
RH Min (%)	47	45	42	36	34
Wind Speed(Kmph)	8	8	8	8	9
Wind Direction(deg)	158	154	116	116	153

Agromet Advisory

General General Advisory: As per SPI, mildly dry condition was there in Cuttack district in last 4 weeks, so farmers need to irrigate their field based upon soil moisture condition. As dense fog likely to occur at Cuttack district, which may lead to occurrence of **late blight diseases in late sown potato and tomato crop.** Farmers may vigil their field and should take appropriate plant protection measures.

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. Cloudy weather may aggravate the infestation of **white fly, aphid and powdery mildew** in pulses. Spray 2 ml. Dimethoate or Metacystox per litre water to control aphid and **Whitefly** and spray 3 g Sulfex or 1 ml Propiconazole 10% EC or 1 ml Tebiconazole 25.9%EC per litre water for controlling Powdery mildew. Present weather condition was favourable for the incidence of **yellow mosaic virus** which was caused by the vector white fly. To control go for spraying of triazophos @ 2ml/ltr or Acetamipride @ 0.2gm/ltr.

Rabi-Groundnut: Farmers are advised to do intercultivation and apply Gypsum @200 kg/ acre in Groundnut which is at flowering stage. To manage **aphids 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. To manage **tikka disease** in groundnut farmers should spray with 500g Blitox-50 powder in 200 litre 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: The mustard is at 15 to 20 days stage. Go for hoeing and weeding. Thin out the plants and maintain optimum plant population. There are chances of **Aphid and stink bug** infestation in early sown mustard crop. To manage aphids at early stage, put 8 number of yellow sticky traps per acre and to manage Aphids and stink bugs chemically spray Thiamethoxam 25 % WG @ 40-gram/acre or Acetamiprid 20 % SP @ 50-gram/acre in 200-liter of water. To manage **Mustard sawfly and leaf Webbers** spray Ethofenprox 10 % EC @ 200-ml/acre or Chlorpyrifos 50% + Cypermethrin 5 % E.C @ 400 ml/acre by mixing it in 200 litre of water.

- **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 is at head development (6-9 week) and cauliflower is at curd development (6-9 week) stage. Go for hoeing, weeding and apply 27kg urea with 25kg MOP at six to seven week stage in cabbage and cauliflower. Irrigate the crop after fertilizer application. Current weather is favourable for attack of **Cabbage webber** and **tobacco caterpillar** in cole crops. To control these insects, go for alternate spray of Neem based formulation 1500ppm @ 600ml/acre and Emamectin benzoate @ 70g/acre in 200 lit water. **Leaf eating caterpillar and fruit borer** may infest cabbage, cauliflower and tomato. Spray fipronil 5% SL 400ml or emamectin benzoate 5% SG 80gm or indoxacarb 14.5% SC mixing in 200lit. of water per acre crop. At three week stage go for hoeing, weeding and apply 55kg urea per acre followed by irrigation. Cole crops may get affected by **diamond back moth**. To control this apply Spinosad 45SC @ 0.5ml/l.
- **Tomato:** Transplanted seedlings are at 6-8 week stage in main field. Complete hoeing, weeding and apply 27 kg urea at six week stage. Irrigate the crops after fertilizer application. To control **tomato leaf curl virus** in field, Spray Imidachloprid 17.8% SL @ 0.5 ml or Dimethoate 30% EC @ 1 ml/litre of 10 water at 15, 25, 45 days after transplanting. To manage **late blight** in tomato spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre at 10 days interval. **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. There are chances of Aphid and Jassid infestation in potato. To manage **Aphids and Jassids** during primary stage of pest infestation spray Neem Based Pesticide (Azadirachtin) 1500 PPM @ 600-ml/acre. To manage these pests chemically, spray Thiamethoxam 25% W.G @ 40-gram/acre or Dinotefuran 20 % SG @ 80- gram/acre or Flonicamid 50 % WG @ 60-gram/acre by mixing in 200 litre of water. To manage **late blight** in potato spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre at 10 days interval. **Onion:** The transplanted seedlings are at seedling establishment to four week stage in main field. Irrigate the crop at 10 days interval. Go for hoeing, weeding and 1 st top dressing with 45kg urea per acre crop area at 4 week stage of crop followed by irrigation.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-162
Date- 25/01/2021

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 31°C and 16°C, respectively. Mean relative humidity of the district was around 87-62%. **According to NDMI map (08.01.2021 to 14.01.2021) the agriculture vigor was Very light over most eastern blocks and light to moderate over most western blocks of Cuttack district whereas according to SPI value(cumulative 4 weeks-24December2020 to 20January 2021), Mildly wet condition was there.**

Forecasted period: Today(8.30IST) to 30th January (8.30IST)2021

Weather advisory: Dense fog is forecasted for upcoming 2 days in isolated places of Cuttack district. No rainfall is forecasted for upcoming 5 days (Today (8.30IST) to Saturday (8.30 IST)) in the block. The day temperature will be 29-30°C and night temperature will be 17-19°C for upcoming 5 days. Maximum and minimum relative humidity will be 76-91% and 30-42% 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	26/01/2021	27/01/2021	28/01/2021	29/01/2021	30/01/2021
Rainfall(mm)	0	0	0	0	1
T-Max(°C)	30	29	29	29	30
T-Min(°C)	19	18	18	17	19
Cloud Cover(octa)	2	2	1	0	3
RH Max (%)	89	91	87	84	76
RH Min (%)	40	42	37	32	30
Wind Speed (Kmph)	8	8	8	8	8
Wind Direction (deg)	155	146	135	117	160

Agromet Advisory

General Advisory: As per SPI, mildly dry condition was there in Cuttack district in last 4 weeks, so farmers need to irrigate their field based upon soil moisture condition. As dense fog likely to occur at Cuttack district, which may lead to occurrence of late blight diseases in late sown potato and tomato crop. Farmers may vigil their field and should take appropriate plant protection measures.

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. Cloudy weather may aggravate the infestation of white fly, aphid and powdery mildew in pulses. Spray 2 ml. Dimethoate or Metacystox per litre water to control aphid and Whitefly and spray 3 g Sulfex or 1 ml Propiconazole 10% EC or 1 ml Tebiconazole 25.9%EC per litre water for controlling Powdery mildew. Present weather condition was favourable for the incidence of yellow mosaic virus which was caused by the vector white fly. To control go for spraying of triazophos @ 2ml/lit or Acetamipride @ 0.2gm/lit.

Rabi-Groundnut: Farmers are advised to do intercultivation and apply Gypsum @200 kg/ acre in Groundnut which is at flowering stage. To manage aphids 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. To manage tikka disease in groundnut farmers should spray with 500g Blitox-50 powder in 200 litre 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: The mustard is at 15 to 20 days stage. Go for hoeing and weeding. Thin out the plants and maintain optimum plant population. There are chances of Aphid and stink bug infestation in early sown mustard crop. To manage aphids at early stage, put 8 number of yellow sticky traps per acre and to manage Aphids and stink bugs chemically spray Thiamethoxam 25 % WG @ 40-gram/acre or Acetamiprid 20 % SP @ 50-gram/acre in 200-liter of water. To manage Mustard sawfly and leaf webbers spray Ethofenprox 10 % EC @ 200-ml/acre or Chlorpyrifos 50% + Cypermethrin 5 % E.C @ 400 ml/acre by mixing it in 200 litre of water.

- 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 is at head development (6-9 week) and cauliflower is at curd development (6-9 week) stage. Go for hoeing, weeding and apply 27kg urea with 25kg MOP at six to seven week stage in cabbage and cauliflower. Irrigate the crop after fertilizer application. Current weather is favourable for attack of Cabbage webber and tobacco caterpillar in cole crops. To control these insects, go for alternate spray of Neem based formulation 1500ppm @ 600ml/acre and Emamectin benzoate @ 70g/acre in 200 lit water. Leaf eating caterpillar and fruit borer may infest cabbage, cauliflower and tomato. Spray fipronil 5% SL 400ml or emamectin benzoate 5% SG 80gm or indoxacarb 14.5% SC mixing in 200lit. of water per acre crop. At three week stage go for hoeing, weeding and apply 55kg urea per acre followed by irrigation. Cole crops may get affected by diamond back moth. To control this apply Spinosad 45SC @ 0.5ml/l.
- Tomato:** Transplanted seedlings are at 6-8 week stage in main field. Complete hoeing, weeding and apply 27 kg urea at six week stage. Irrigate the crops after fertilizer application. To control tomato leaf curl virus in field, Spray Imidachloprid 17.8% SL @ 0.5 ml or Dimethoate 30% EC @ 1 ml/litre of 10 water at 15, 25, 45 days after transplanting. To manage late blight in tomato spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre at 10 days interval. **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. There are chances of Aphid and Jassid infestation in potato. To manage Aphids and Jassids during primary stage of pest infestation spray Neem Based Pesticide (Azadirachtin) 1500 PPM @ 600-ml/acre. To manage these pests chemically, spray Thiamethoxam 25% W.G @ 40-gram/acre or Dinotefuran 20 % SG @ 80- gram/acre or Flonicamid 50 % WG @ 60-gram/acre by mixing in 200 litre of water. To manage late blight in potato spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre at 10 days interval. **Onion:** The transplanted seedlings are at seedling establishment to four week stage in main field. Irrigate the crop at 10 days interval. Go for hoeing, weeding and 1 st top dressing with 45kg urea per acre crop area at 4 week stage of crop followed by irrigation.

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(Nodal officer)



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Bulletin No.-162
Date- 25/01/2021

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 31°C and 16°C, respectively. Mean relative humidity of the district was around 87-62%. **According to NDVI map (08.01.2021 to 14.01.2021) the agriculture vigor was Very light over most eastern blocks and light to moderate over most western blocks of Cuttack district whereas according to SPI value(cumulative 4 weeks-24December2020 to 20January 2021), Mildly wet condition was there.**

Forecasted period: Today(8.30IST) to 30th January (8.30IST)2021

Weather advisory: **Dense fog is forecasted for upcoming 2 days in isolated places of Cuttack district. No rainfall is forecasted for upcoming 5 days (Today (8.30IST) to Saturday (8.30 IST)) in the block.** The day temperature will be 29-30°C and night temperature will be 17-19°C for upcoming 5 days. Maximum and minimum relative humidity will be 77-91% and 30-42% 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	26/01/2021	27/01/2021	28/01/2021	29/01/2021	30/01/2021
Rainfall(mm)	0	0	0	0	1
T-Max(°C)	30	29	29	29	30
T-Min(°C)	19	18	18	17	19
Cloud Cover(octa)	2	2	1	0	2
RH Max (%)	89	91	88	84	77
RH Min (%)	39	42	36	31	30
Wind Speed (Kmph)	8	8	8	8	8
Wind Direction (deg)	155	154	113	117	160

Agromet Advisory

General Advisory: As per SPI, mildly dry condition was there in Cuttack district in last 4 weeks, so farmers need to irrigate their field based upon soil moisture condition. As dense fog likely to occur at Cuttack district, which may lead to occurrence of **late blight diseases in late sown potato and tomato crop.** Farmers may vigil their field and should take appropriate plant protection measures.

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. Cloudy weather may aggravate the infestation of **white fly, aphid and powdery mildew** in pulses. Spray 2 ml. Dimethoate or Metacystox per litre water to control aphid and **Whitefly** and spray 3 g Sulfex or 1 ml Propiconazole 10% EC or 1 ml Tebiconazole 25.9%EC per litre water for controlling Powdery mildew. Present weather condition was favourable for the incidence of **yellow mosaic virus** which was caused by the vector white fly. To control go for spraying of triazophos @ 2ml/lit or Acetamipride @ 0.2gm/lit.

Rabi-Groundnut: Farmers are advised to do intercultivation and apply Gypsum @200 kg/ acre in Groundnut which is at flowering stage. To manage **aphids 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. To manage **tikka disease** in groundnut farmers should spray with 500g Blitox-50 powder in 200 litre 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: The mustard is at 15 to 20 days stage. Go for hoeing and weeding. Thin out the plants and maintain optimum plant population. There are chances of **Aphid and stink bug** infestation in early sown mustard crop. To manage aphids at early stage, put 8 number of yellow sticky traps per acre and to manage Aphids and stink bugs chemically spray Thiamethoxam 25 % WG @ 40-gram/acre or Acetamiprid 20 % SP @ 50-gram/acre in 200-liter of water. To manage **Mustard sawfly and leaf Webbers** spray Ethofenprox 10 % EC @ 200-ml/acre or Chlorpyrifos 50% + Cypermethrin 5 % E.C @ 400 ml/acre by mixing it in 200 litre of water.

- 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 is at head development (6-9 week) and cauliflower is at curd development (6-9 week) stage. Go for hoeing, weeding and apply 27kg urea with 25kg MOP at six to seven week stage in cabbage and cauliflower. Irrigate the crop after fertilizer application. Current weather is favourable for attack of **Cabbage webber** and **tobacco caterpillar** in cole crops. To control these insects, go for alternate spray of Neem based formulation 1500ppm @ 600ml/acre and Emamectin benzoate @ 70g/acre in 200 lit water. **Leaf eating caterpillar and fruit borer** may infest cabbage, cauliflower and tomato. Spray fipronil 5% SL 400ml or emamectin benzoate 5% SG 80gm or indoxacarb 14.5% SC mixing in 200lit. of water per acre crop. At three week stage go for hoeing, weeding and apply 55kg urea per acre followed by irrigation. Cole crops may get affected by **diamond back moth**. To control this apply Spinosad 45SC @ 0.5ml/l.
- Tomato:** Transplanted seedlings are at 6-8 week stage in main field. Complete hoeing, weeding and apply 27 kg urea at six week stage. Irrigate the crops after fertilizer application. To control **tomato leaf curl virus** in field, Spray Imidacloprid 17.8% SL @ 0.5 ml or Dimethoate 30% EC @ 1 ml/litre of 10 water at 15, 25, 45 days after transplanting. To manage **late blight** in tomato spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre at 10 days interval. **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. There are chances of Aphid and Jassid infestation in potato. To manage **Aphids and Jassids** during primary stage of pest infestation spray Neem Based Pesticide (Azadirachtin) 1500 PPM @ 600-ml/acre. To manage these pests chemically, spray Thiamethoxam 25% W.G @ 40-gram/acre or Dinotefuran 20 % SG @ 80- gram/acre or Flonicamid 50 % WG @ 60-gram/acre by mixing in 200 litre of water. To manage **late blight** in potato spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre at 10 days interval. **Onion:** The transplanted seedlings are at seedling establishment to four week stage in main field. Irrigate the crop at 10 days interval. Go for hoeing, weeding and 1 st top dressing with 45kg urea per acre crop area at 4 week stage of crop followed by irrigation.

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.-162
Date- 25/01/2021

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 31°C and 16°C, respectively. Mean relative humidity of the district was around 87-62%. **According to NDVI map (08.01.2021 to 14.01.2021) the agriculture vigor was Very light over most eastern blocks and light to moderate over most western blocks of Cuttack district whereas according to SPI value (cumulative 4 weeks- 24 December 2020 to 20 January 2021), Mildly wet condition was there.**

Forecasted period: Today (8.30 IST) to 30th January (8.30 IST) 2021

Weather advisory: Dense fog is forecasted for upcoming 2 days in isolated places of Cuttack district. No rainfall is forecasted for upcoming 5 days (Today (8.30 IST) to Saturday (8.30 IST)) in the block. The day temperature will be 29-30°C and night temperature will be 20-23°C for upcoming 5 days. Maximum and minimum relative humidity will be 74-91% and 40-55% 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	26/01/2021	27/01/2021	28/01/2021	29/01/2021	30/01/2021
Rainfall (mm)	0	0	0	0	0
T-Max (°C)	29	29	29	29	30
T-Min (°C)	21	21	21	20	23
Cloud Cover (octa)	1	1	0	0	3
RH Max (%)	84	91	84	84	74
RH Min (%)	55	51	49	40	41
Wind Speed (Kmph)	10	10	11	10	9
Wind Direction (deg)	158	113	109	116	116

Agromet Advisory

General Advisory: As per SPI, mildly dry condition was there in Cuttack district in last 4 weeks, so farmers need to irrigate their field based upon soil moisture condition. As dense fog likely to occur at Cuttack district, which may lead to occurrence of late blight diseases in late sown potato and tomato crop. Farmers may vigil their field and should take appropriate plant protection measures.

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. Cloudy weather may aggravate the infestation of white fly, aphid and powdery mildew in pulses. Spray 2 ml. Dimethoate or Metacystox per litre water to control aphid and Whitefly and spray 3 g Sulfex or 1 ml Propiconazole 10% EC or 1 ml Tebiconazole 25.9%EC per litre water for controlling Powdery mildew. Present weather condition was favourable for the incidence of yellow mosaic virus which was caused by the vector white fly. To control go for spraying of triazophos @ 2ml/ltr or Acetamipride @ 0.2gm/ltr.

Rabi-Groundnut: Farmers are advised to do intercultivation and apply Gypsum @200 kg/ acre in Groundnut which is at flowering stage. To manage aphids 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. To manage tikka disease in groundnut farmers should spray with 500g Blitox-50 powder in 200 litre 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: The mustard is at 15 to 20 days stage. Go for hoeing and weeding. Thin out the plants and maintain optimum plant population. There are chances of Aphid and stink bug infestation in early sown mustard crop. To manage aphids at early stage, put 8 number of yellow sticky traps per acre and to manage Aphids and stink bugs chemically spray Thiamethoxam 25 % WG @ 40-gram/acre or Acetamiprid 20 % SP @ 50-gram/acre in 200-liter of water. To manage Mustard sawfly and leaf Webbers spray Ethofenprox 10 % EC @ 200-ml/acre or Chlorpyrifos 50% + Cypermethrin 5 % E.C @ 400 ml/acre by mixing it in 200 litre of water.

- 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 is at head development (6-9 week) and cauliflower is at curd development (6-9 week) stage. Go for hoeing, weeding and apply 27kg urea with 25kg MOP at six to seven week stage in cabbage and cauliflower. Irrigate the crop after fertilizer application. Current weather is favourable for attack of Cabbage webber and tobacco caterpillar in cole crops. To control these insects, go for alternate spray of Neem based formulation 1500ppm @ 600ml/acre and Emamectin benzoate @ 70g/acre in 200 lit water. Leaf eating caterpillar and fruit borer may infest cabbage, cauliflower and tomato. Spray fipronil 5% SL 400ml or emamectin benzoate 5% SG 80gm or indoxacarb 14.5% SC mixing in 200lit. of water per acre crop. At three week stage go for hoeing, weeding and apply 55kg urea per acre followed by irrigation. Cole crops may get affected by diamond back moth. To control this apply Spinosad 45SC @ 0.5ml/l.
- Tomato:** Transplanted seedlings are at 6-8 week stage in main field. Complete hoeing, weeding and apply 27 kg urea at six week stage. Irrigate the crops after fertilizer application. To control tomato leaf curl virus in field, Spray Imidachloprid 17.8% SL @ 0.5 ml or Dimethoate 30% EC @ 1 ml/litre of 10 water at 15, 25, 45 days after transplanting. To manage late blight in tomato spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre at 10 days interval.
- 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. There are chances of Aphid and Jassid infestation in potato. To manage Aphids and Jassids during primary stage of pest infestation spray Neem Based Pesticide (Azadirachtin) 1500 PPM @ 600-ml/acre. To manage these pests chemically, spray Thiamethoxam 25% W.G @ 40-gram/acre or Dinotefuran 20 % SG @ 80- gram/acre or Flonicamid 50 % WG @ 60-gram/acre by mixing in 200 litre of water. To manage late blight in potato spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre at 10 days interval. **Onion:** The transplanted seedlings are at seedling establishment to four week stage in main field. Irrigate the crop at 10 days interval. Go for hoeing, weeding and 1 st top dressing with 45kg urea per acre crop area at 4 week stage of crop followed by irrigation.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-162
Date- 25/01/2021

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 31°C and 16°C, respectively. Mean relative humidity of the district was around 87-62%. **According to NDVI map (08.01.2021 to 14.01.2021) the agriculture vigor was Very light over most eastern blocks and light to moderate over most western blocks of Cuttack district whereas according to SPI value(cumulative 4 weeks-24December2020 to 20January 2021), Mildly wet condition was there.**

Forecasted period: Today(8.30IST) to 30th January (8.30IST)2021

Weatheradvisory: **Dense fog is forecasted for upcoming 2 days in isolated places of Cuttack district. No rainfall is forecasted for upcoming 5days (Today (8.30IST) to Saturday (8.30 IST)) in the block.** The day temperature will be 30-32°C and night temperature will be 17-18°C for upcoming 5 days. Maximum and minimum relative humidity will be 89-94% and 28-39% respectively. There will be mainly clear to partly cloudy sky for next 5days.

Block	Tigiria(VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	26/01/2021	27/01/2021	28/01/2021	29/01/2021	30/01/2021
Rainfall(mm)	0	0	0	0	0
00T-Max(°C)	32	30	30	30	31
T-Min(°C)	18	17	17	17	17
Cloud Cover(octa)	1	2	1	1	3
RH Max (%)	94	92	94	91	89
RH Min (%)	30	39	39	31	28
Wind Speed (Kmph)	8	8	8	9	10
Wind Direction (deg)	154	153	148	156	155

Agromet Advisory

General Advisory: As per SPI, mildly dry condition was there in Cuttack district in last 4 weeks, so farmers need to irrigate their field based upon soil moisture condition. As dense fog likely to occur at Cuttack district, which may lead to occurrence of **late blight diseases in late sown potato and tomato crop.** Farmers may vigil their field and should take appropriate plant protection measures.

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. Cloudy weather may aggravate the infestation of **white fly, aphid and powdery mildew** in pulses. Spray 2 ml. Dimethoate or Metacystox per litre water to control aphid and **Whitefly** and spray 3 g Sulfex or 1 ml Propiconazole 10% EC or 1 ml Tebiconazole 25.9%EC per litre water for controlling Powdery mildew. Present weather condition was favourable for the incidence of **yellow mosaic virus** which was caused by the vector white fly. To control go for spraying of triazophos @ 2ml/lit or Acetamipride @ 0.2gm/lit.

Rabi-Groundnut: Farmers are advised to do intercultivation and apply Gypsum @200 kg/ acre in Groundnut which is at flowering stage. To manage **aphids 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. To manage **tikka disease** in groundnut farmers should spray with 500g Blitox-50 powder in 200 litre 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: The mustard is at 15 to 20 days stage. Go for hoeing and weeding. Thin out the plants and maintain optimum plant population. There are chances of **Aphid and stink bug** infestation in early sown mustard crop. To manage aphids at early stage, put 8 number of yellow sticky traps per acre and to manage Aphids and stink bugs chemically spray Thiamethoxam 25 % WG @ 40-gram/acre or Acetamiprid 20 % SP @ 50-gram/acre in 200-liter of water. To manage **Mustard sawfly and leaf Webbers** spray Ethofenprox 10 % EC @ 200-ml/acre or Chlorpyrifos 50% + Cypermethrin 5 % E.C @ 400 ml/acre by mixing it in 200 litre of water.

- 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 is at head development (6-9 week) and cauliflower is at curd development (6-9 week) stage. Go for hoeing, weeding and apply 27kg urea with 25kg MOP at six to seven week stage in cabbage and cauliflower. Irrigate the crop after fertilizer application. Current weather is favourable for attack of **Cabbage webber** and **tobacco caterpillar** in cole crops. To control these insects, go for alternate spray of Neem based formulation 1500ppm @ 600ml/acre and Emamectin benzoate @ 70g/acre in 200 lit water. **Leaf eating caterpillar and fruit borer** may infest cabbage, cauliflower and tomato. Spray fipronil 5% SL 400ml or emamectin benzoate 5% SG 80gm or indoxacarb 14.5% SC mixing in 200lit. of water per acre crop. At three week stage go for hoeing, weeding and apply 55kg urea per acre followed by irrigation. Cole crops may get affected by **diamond back moth**. To control this apply Spinosad 45SC @ 0.5ml/l.
- Tomato:** Transplanted seedlings are at 6-8 week stage in main field. Complete hoeing, weeding and apply 27 kg urea at six week stage. Irrigate the crops after fertilizer application. To control **tomato leaf curl virus** in field, Spray Imidacloprid 17.8% SL @ 0.5 ml or Dimethoate 30% EC @ 1 ml/litre of 10 water at 15, 25, 45 days after transplanting. To manage **late blight** in tomato spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre at 10 days interval. **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. There are chances of Aphid and Jassid infestation in potato. To manage **Aphids and Jassids** during primary stage of pest infestation spray Neem Based Pesticide (Azadirachtin) 1500 PPM @ 600-ml/acre. To manage these pests chemically, spray Thiamethoxam 25% W.G @ 40-gram/acre or Dinotefuran 20 % SG @ 80- gram/acre or Flonicamid 50 % WG @ 60-gram/acre by mixing in 200 litre of water. To manage **late blight** in potato spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre at 10 days interval. **Onion:** The transplanted seedlings are at seedling establishment to four week stage in main field. Irrigate the crop at 10 days interval. Go for hoeing, weeding and 1 st top dressing with 45kg urea per acre crop area at 4 week stage of crop followed by irrigation.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-162
Date- 25/01/2021

			
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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