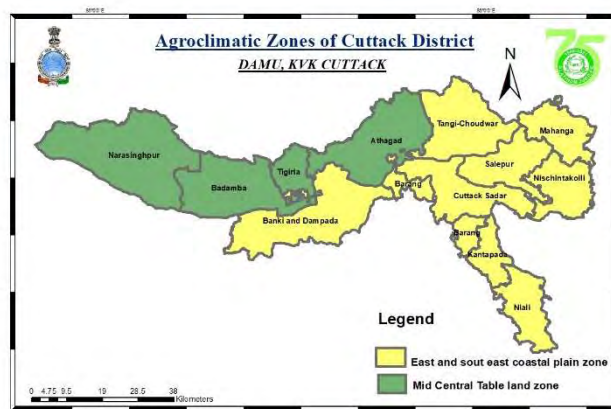
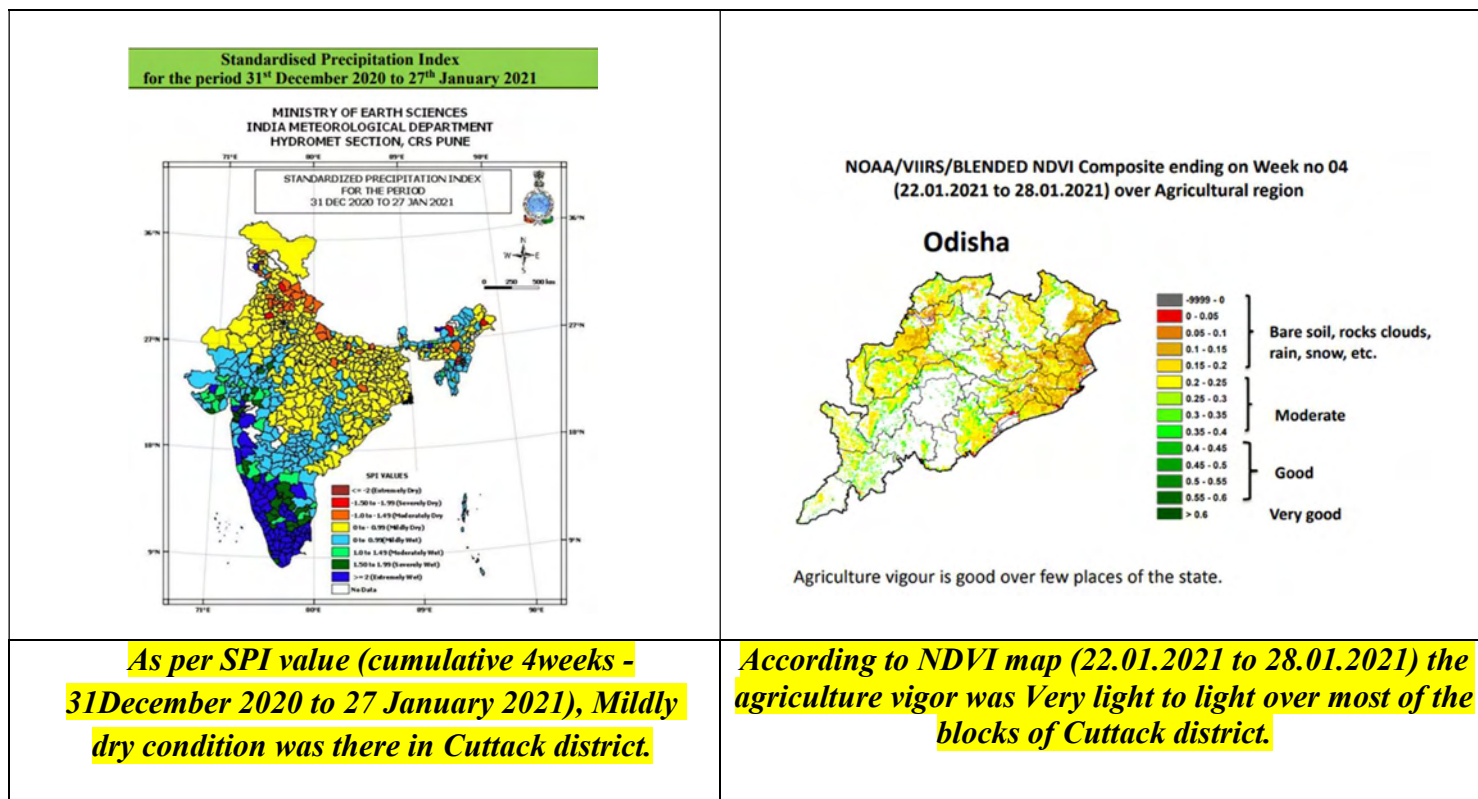


AGROCLIMATIC ZONES OF CUTTACK DISTRICT:



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

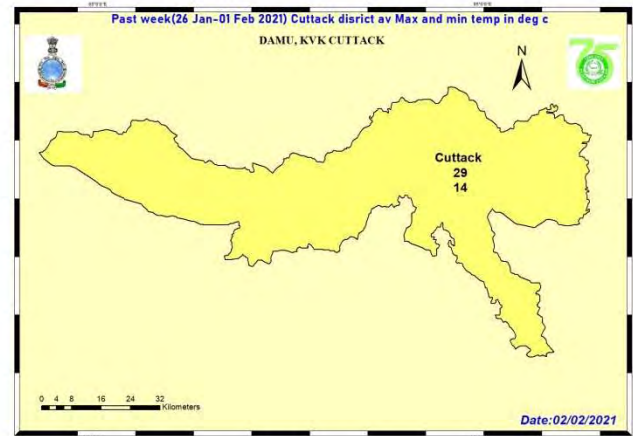
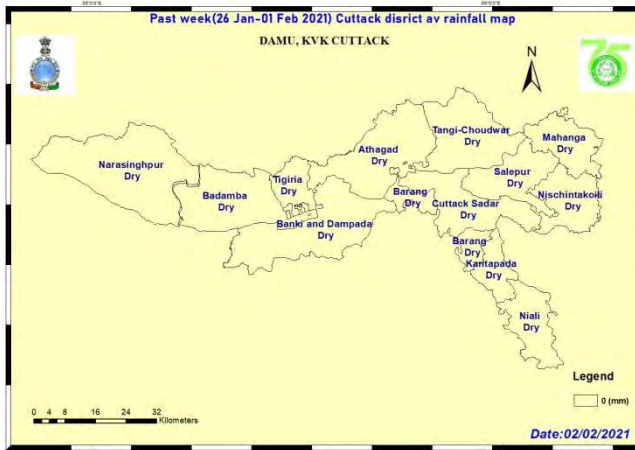


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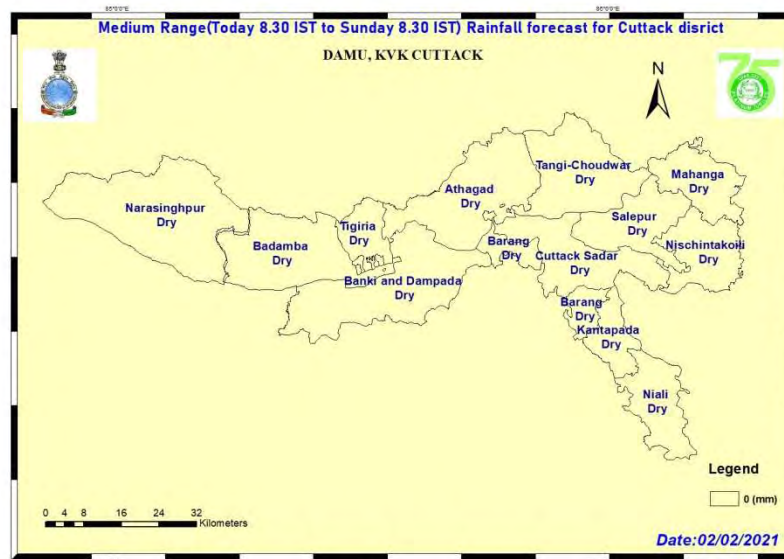


Bulletin No.-164
Date- 02/02/2021

Past week Cuttack district Rainfall and Temperature map



Medium range (Today (8.30IST) to Sunday (8.30IST)) Rainfall (mm) Forecast for Cuttack district



Dr Sujata Sethy
(Nodal officer)














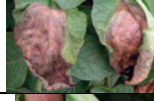


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Weather (Past and Forecasted) based Disease and pest in Major Crops and vegetables




Sl No	Crop	Stage and condition of the crop	Anticipated Disease and pest	
1	Pulses (Green gram and black gram)	Vegetative stage to flowering		Black headed caterpillar
				Powdery Mildew
				Flea beetles
2	Mustard	Vegetative stage to flowering		Powdery Mildew
				Alternaria
3	Rabi Groundnut	Vegetative stage to flowering		Aphid and Mites
				Spodotera/Tobacco caterpillar
4	Vegetables (Tomato, Chilli, Brinjal)	Vegetative to fruiting		Mites
				Chili Aphid
6	Tomato	Flowering to Fruting		Late blight
				leaf curl
7	Potato	Sprouting/Vegetative stage		Potato tuber moth
				Late blight
8	Cabbage and Cauliflower	Vegetative to Flowering		Diamond back moth



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				Powdery Mildew
9	Mango	Vegetative to Flowering		Mango hooper
10	Papaya	Fruting stage		Mealy bug

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-164
Date- 02/02/2021

AGROMET ADVISORY BULLETIN FOR ATHAGAD

District Past week weather condition and Block past Rainfall condition

The block received 0 mm and district received 0 mm rainfall during the last week. The mean daily maximum and minimum temperature was 29°C and 14°C, respectively. Mean relative humidity of the district was around 77-63%. **According to NDVI map (22.01.2021 to 28.01.2021) the agriculture vigor was Very light to light over most blocks of Cuttack district whereas according to SPI value(cumulative 4 weeks-31 December2020 to 27 January 2021), Mildly wet condition was there.**

Forecasted period: Today(8.30IST) to 07thFebruary (8.30IST)2021

Weather advisory: Minimum temperature will be likely to increase in upcoming 5 days. No rainfall is forecasted for upcoming 5 days (Today (8.30IST) to Sunday (8.30 IST)) in the block. The day temperature will be 28-30°C and night temperature will be 14-15°C for upcoming 5 days. Maximum and minimum relative humidity will be 83-85% and 10-18% respectively. There will be mainly clear to partly cloudy sky for next 5 days.

Block	Athagad (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	03/02/2021	04/02/2021	05/02/2021	06/02/2021	07/02/2021
Rainfall (mm)	0	0	0	0	0
T-Max (°C)	28	29	29	30	29
T-Min (°C)	14	14	14	15	15
Cloud Cover (octa)	0	0	0	0	0
RH Max (%)	85	83	85	83	83
RH Min (%)	12	12	10	13	18
Wind Speed (kmph)	6	8	9	6	8
Wind Direction (deg)	23	345	23	165	171

Agromet Advisory

General Advisory: As per SPI, mildly dry condition was there in Cuttack district in last 4 weeks and no rainfall and dry weather expected during next five days. So, go for irrigation in crop field as per requirement and based upon soil moisture condition. Farmer should go for mulching by polythene or paddy straw to maintain the soil temperature in cold night condition.

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 Flea beetle and powdery mildew in pulses. Spray neem oil 5 ml/L of water to control Flea beetle 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.

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

Mustard: As there are no chances of rainfall so one irrigation is needed at 50-60 days old plants. To meet the deficiency of Sulfur apply 200 gram sulfur per acre. **Powdery Mildew:** Spray Sulfex 2 gram/lit. **Alternaria:** To control Alternaria spray Mancozeb 50 WP @ 2 gram/lit of water after 50-70 days after transplanting.

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. Due to fluctuating temperature condition there may be an attack of **Diamond Back Moth** in Cabbage and cauliflower. To control this apply Spinosad 45SC @ 0.5ml/l. Present humid weather may cause Powdery mildew in cabbage, to control this spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre in 200 lit water.
- 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. 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.
- Fruits:**
- Mango:** Present weather conditions are favourable for the incidence of Mango hoppers. To control go for spraying of phosphamidon @ 0.5ml/l (or) dimethoate 2ml/l (or) chlorpyrifos @2.5ml/l. during initial stages of flowering.
- Papaya:** There is a chance of occurrence of sucking pest damage in papaya crop. Go for spraying imidachloprid 0.3 ml /liter
- Animal Husbandry:** In winter during cold hours farmers should keep doors, windows and open spaces in sheds covered with polythene or gunny bag curtains to keep the cowshed warm. Farmers should offer 20-30% more feed to counter the winter along with lukewarm water. Use bulb in the cage of new born chicks. Use burning wooden coal during night time beside the floor for keep the poultry house warm.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-164
Date- 02/02/2021

AGROMET ADVISORY BULLETIN FOR BADAMBA

District Past week weather condition and Block past Rainfall condition

The block received 0 mm and district received 0 mm rainfall during the last week. The mean daily maximum and minimum temperature was 29°C and 14°C, respectively. Mean relative humidity of the district was around 77-63%. **According to NDVI map (22.01.2021 to 28.01.2021) the agriculture vigor was Very light to light over most blocks of Cuttack district whereas according to SPI value(cumulative 4 weeks-31 December2020 to 27 January 2021), Mildly wet condition was there.**

Forecasted period: Today(8.30IST) to 07th February (8.30IST)2021

Weatheradvisory: Minimum temperature will be likely to increase in upcoming 5 days. No rainfall is forecasted for upcoming 5days (Today (8.30IST) to Sunday (8.30 IST)) in the block. The day temperature will be 28-30°C and night temperature will be 13-15°C for upcoming 5 days. Maximum and minimum relative humidity will be 76-84% and 09-16% respectively. There will be mainly clear to partly cloudy sky for next 5 days.

Block	Badamba(VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	03/02/2021	04/02/2021	05/02/2021	06/02/2021	07/02/2021
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	28	29	29	30	29
T-Min(°C)	13	13	13	14	15
Cloud Cover(octa)	0	0	0	0	0
RH Max (%)	80	76	79	83	84
RH Min (%)	10	11	9	12	16
Wind Speed (Kmph)	6	7	8	6	7
Wind Direction (deg)	23	11	23	180	198

Agromet Advisory

General Advisory: As per SPI, mildly dry condition was there in Cuttack district in last 4 weeks and no rainfall and dry weather expected during next five days. So, go for irrigation in crop field as per requirement and based upon soil moisture condition. Farmer should go for mulching by polythene or paddy straw to maintain the soil temperature in cold night condition.

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 Flea beetle and powdery mildew in pulses. Spray neem oil 5 ml/L of water to control Flea beetle 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.

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

Mustard: As there are no chances of rainfall so one irrigation is needed at 50-60 days old plants. To meet the deficiency of Sulphur apply 200 gram sulphur per acre. **Powdery Mildew:** Spray Sulfex 2 gram/lit. **Alternaria:** To control Alternaria spray Mancozeb 50 WP @ 2 gram/lit of water after 50-70 days after transplanting.

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. Due to fluctuating temperature condition there may be an attack of **Diamond Back Moth** in Cabbage and cauliflower. To control this apply Spinosad 45SC @ 0.5ml/l. Present humid weather may cause Powdery mildew in cabbage, to control this spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre in 200 lit water.
- 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. 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.
- Fruits:**
- Mango:** Present weather conditions are favourable for the incidence of Mango hoppers. To control go for spraying of phosphamidon @ 0.5ml/l (or) dimethoate 2ml/l (or) chlorpyrifos @2.5ml/l. during initial stages of flowering.
- Papaya:** There is a chance of occurrence of sucking pest damage in papaya crop. Go for spraying imidachloprid 0.3 ml/liter
- Animal Husbandry:** In winter during cold hours farmers should keep doors, windows and open spaces in sheds covered with polythene or gunny bag curtains to keep the cowshed warm. Farmers should offer 20-30% more feed to counter the winter along with lukewarm water. Use bulb in the cage of new born chicks. Use burning wooden coal during night time beside the floor for keep the poultry house warm.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-164
Date- 02/02/2021

AGROMET ADVISORY BULLETIN FORBANKI

District Past week weather condition and Block past Rainfall condition

The block received 0 mm and district received 0 mm rainfall during the last week. The mean daily maximum and minimum temperature was 29°C and 14°C, respectively. Mean relative humidity of the district was around 77-63%. **According to NDVI map (22.01.2021 to 28.01.2021) the agriculture vigor was Very light to light over most blocks of Cuttack district whereas according to SPI value (cumulative 4 weeks-31 December 2020 to 27 January 2021), Mildly wet condition was there.**

Forecasted period: Today (8.30IST) to 07th February (8.30IST) 2021

Weather advisory: Minimum temperature will be likely to increase in upcoming 5 days. No rainfall is forecasted for upcoming 5 days (Today (8.30IST) to Sunday (8.30 IST)) in the block. The day temperature will be 28-30°C and night temperature will be 13-16°C for upcoming 5 days. Maximum and minimum relative humidity will be 82-84% and 09-18% respectively. There will be mainly clear to partly cloudy sky for next 5 days.

Block	Banki (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	03/02/2021	04/02/2021	05/02/2021	06/02/2021	07/02/2021
Rainfall (mm)	0	0	0	0	0
T-Max (°C)	28	30	30	30	30
T-Min (°C)	13	14	14	15	16
Cloud Cover (octa)	0	0	0	0	0
RH Max (%)	84	82	83	84	84
RH Min (%)	11	11	9	14	18
Wind Speed (Kmph)	6	7	8	7	8
Wind Direction (deg)	15	11	23	158	189

Agromet Advisory

General Advisory: As per SPI, mildly dry condition was there in Cuttack district in last 4 weeks and no rainfall and dry weather expected during next five days. So, go for irrigation in crop field as per requirement and based upon soil moisture condition. Farmer should go for mulching by polythene or paddy straw to maintain the soil temperature in cold night condition.

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 Flea beetle and powdery mildew in pulses. Spray neem oil 5 ml/L of water to control Flea beetle 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.

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

Mustard: As there are no chances of rainfall so one irrigation is needed at 50-60 days old plants. To meet the deficiency of Sulphur apply 200 gram sulphur per acre. **Powdery Mildew:** Spray Sulfex 2 gram/lit. **Alternaria:** To control Alternaria spray Mancozeb 50 WP @ 2 gram/lit of water after 50-70 days after transplanting.

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. Due to fluctuating temperature condition there may be an attack of **Diamond Back Moth** in Cabbage and cauliflower. To control this apply Spinosad 45SC @ 0.5ml/l. Present humid weather may cause Powdery mildew in cabbage, to control this spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre in 200 litre water.
- 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. 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.
- Fruits:**
- Mango:** Present weather conditions are favourable for the incidence of Mango hoppers. To control go for spraying of phosphamidon @ 0.5ml/l (or) dimethoate 2ml/l (or) chlorpyrifos @2.5ml/l. during initial stages of flowering.
- Papaya:** There is a chance of occurrence of sucking pest damage in papaya crop. Go for spraying imidachloprid 0.3 ml/liter
- Animal Husbandry:** In winter during cold hours farmers should keep doors, windows and open spaces in sheds covered with polythene or gunny bag curtains to keep the cowshed warm. Farmers should offer 20-30% more feed to counter the winter along with lukewarm water. Use bulb in the cage of new born chicks. Use burning wooden coal during night time beside the floor for keep the poultry house warm.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-164
Date- 02/02/2021

AGROMET ADVISORY BULLETIN FOR BANKI-DAMPARA

District Past week weather condition

The district received 0 mm rainfall during the last week. The mean daily maximum and minimum temperature was 29°C and 14°C, respectively. Mean relative humidity of the district was around 77-63%. **According to NDVI map (22.01.2021 to 28.01.2021) the agriculture vigor was Very light to light over most blocks of Cuttack district whereas according to SPI value(cumulative 4 weeks-31 December2020 to 27 January 2021), Mildly wet condition was there.**

Forecasted period: Today(8.30IST) to 07th February (8.30IST)2021

Weather Advisory: Minimum temperature will be likely to increase in upcoming 5 days. No rainfall is forecasted for upcoming 5 days (Today (8.30IST) to Sunday (8.30 IST)) in the block. The day temperature will be 28-30°C and night temperature will be 14-16°C for upcoming 5 days. Maximum and minimum relative humidity will be 82-84% and 09-19% respectively. There will be mainly clear to partly cloudy sky for next 5 days.

Block	Banki-Dampara (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	03/02/2021	04/02/2021	05/02/2021	06/02/2021	07/02/2021
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	28	29	29	30	30
T-Min(°C)	14	14	14	15	16
Cloud Cover(octa)	0	0	0	0	0
RH Max (%)	84	82	83	84	84
RH Min (%)	11	11	9	14	19
Wind Speed (Kmph)	6	7	8	7	8
Wind Direction (deg)	15	11	23	158	189

Agromet Advisory

General Advisory: As per SPI, mildly dry condition was there in Cuttack district in last 4 weeks and no rainfall and dry weather expected during next five days. So, go for irrigation in crop field as per requirement and based upon soil moisture condition. Farmer should go for mulching by polythene or paddy straw to maintain the soil temperature in cold night condition.

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 Flea beetle and powdery mildew in pulses. Spray neem oil 5 ml/L of water to control Flea beetle 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.

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

Mustard: As there are no chances of rainfall so one irrigation is needed at 50-60 days old plants. To meet the deficiency of Sulfur apply 200 gram sulfur per acre. **Powdery Mildew:** Spray Sulfex 2 gram/lit. **Alternaria:** To control Alternaria spray Mancozeb 50 WP @ 2 gram/lit of water after 50-70 days after transplanting.

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. Due to fluctuating temperature condition there may be an attack of **Diamond Back Moth** in Cabbage and cauliflower. To control this apply Spinosad 45SC @ 0.5ml/l. Present humid weather may cause Powdery mildew in cabbage, to control this spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre in 200 lit water.
- 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. 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.
- Fruits:**
- Mango:** Present weather conditions are favourable for the incidence of Mango hoppers. To control go for spraying of phosphamidon @ 0.5ml/l (or) dimethoate 2ml/l (or) chlorpyrifos @2.5ml/l. during initial stages of flowering.
- Papaya:** There is a chance of occurrence of sucking pest damage in papaya crop. Go for spraying imidachloprid 0.3 ml /liter
- Animal Husbandry:** In winter during cold hours farmers should keep doors, windows and open spaces in sheds covered with polythene or gunny bag curtains to keep the cowshed warm. Farmers should offer 20-30% more feed to counter the winter along with lukewarm water. Use bulb in the cage of new born chicks. Use burning wooden coal during night time beside the floor for keep the poultry house warm.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-164
Date- 02/02/2021

AGROMET ADVISORY BULLETIN FOR BARANGA

District Past week weather condition and Block past Rainfall condition

The block received 0 mm and district received 0 mm rainfall during the last week. The mean daily maximum and minimum temperature was 29°C and 14°C, respectively. Mean relative humidity of the district was around 77-63%. **According to NDVI map (22.01.2021 to 28.01.2021) the agriculture vigor was Very light to light over most blocks of Cuttack district whereas according to SPI value(cumulative 4 weeks-31 December2020 to 27 January 2021), Mildly wet condition was there.**

Forecasted period: Today(8.30IST) to 07th February (8.30IST)2021

Weatheradvisory: Minimum temperature will be likely to increase in upcoming 5 days. No rainfall is forecasted for upcoming 5days (Today (8.30IST) to Sunday (8.30 IST)) in the block. The day temperature will be 27-29°C and night temperature will be 14-16°C for upcoming 5 days. Maximum and minimum relative humidity will be 80-83% and 10-22% 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	03/02/2021	04/02/2021	05/02/2021	06/02/2021	07/02/2021
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	27	29	29	29	29
T-Min(°C)	14	15	15	15	16
Cloud Cover	0	0	0	0	0
RH Max (%)	83	81	80	80	81
RH Min (%)	14	12	10	15	22
Wind Speed (Kmph)	7	8	8	7	8
Wind Direction (deg)	338	360	293	243	180

Agromet Advisory

General Advisory: As per SPI, mildly dry condition was there in Cuttack district in last 4 weeks and no rainfall and dry weather expected during next five days. So, go for irrigation in crop field as per requirement and based upon soil moisture condition. Farmer should go for mulching by polythene or paddy straw to maintain the soil temperature in cold night condition.

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 Flea beetle and powdery mildew in pulses. Spray neem oil 5 ml/L of water to control Flea beetle 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.

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

Mustard: As there are no chances of rainfall so one irrigation is needed at 50-60 days old plants. To meet the deficiency of Sulphur apply 200 gram sulphur per acre. **Powdery Mildew:** Spray Sulfex 2 gram/lit. **Alternaria:** To control Alternaria spray Mancozeb 50 WP @ 2 gram/lit of water after 50-70 days after transplanting.

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. Due to fluctuating temperature condition there may be an attack of **Diamond Back Moth** in Cabbage and cauliflower. To control this apply Spinosad 45SC @ 0.5ml/l. Present humid weather may cause Powdery mildew in cabbage, to control this spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre in 200 lit water.
- 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. 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.
- Fruits:**
- Mango:** Present weather conditions are favourable for the incidence of Mango hoppers. To control go for spraying of phosphamidon @ 0.5ml/l (or) dimethoate 2ml/l (or) chlorpyrifos @2.5ml/l. during initial stages of flowering.
- Papaya:** There is a chance of occurrence of sucking pest damage in papaya crop. Go for spraying imidachloprid 0.3 ml/liter
- Animal Husbandry:** In winter during cold hours farmers should keep doors, windows and open spaces in sheds covered with polythene or gunny bag curtains to keep the cowshed warm. Farmers should offer 20-30% more feed to counter the winter along with lukewarm water. Use bulb in the cage of new born chicks. Use burning wooden coal during night time beside the floor for keep the poultry house warm.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-164
Date- 02/02/2021

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

The block received 0 mm and district received 0 mm rainfall during the last week. The mean daily maximum and minimum temperature was 29°C and 14°C, respectively. Mean relative humidity of the district was around 77-63%. **According to NDVI map (22.01.2021 to 28.01.2021) the agriculture vigor was Very light to light over most blocks of Cuttack district whereas according to SPI value(cumulative 4 weeks-31 December2020 to 27 January 2021), Mildly wet condition was there.**

Forecasted period: Today(8.30IST) to 07th February (8.30IST)2021

Weatheradvisory: Minimum temperature will be likely to increase in upcoming 5 days. No rainfall is forecasted for upcoming 5days (Today (8.30IST) to Sunday (8.30 IST)) in the block. The day temperature will be 28-29°C and night temperature will be 14-16°C for upcoming 5 days. Maximum and minimum relative humidity will be 80-84% and 11-21% respectively. There will be mainly clear to partly cloudy for next 5 days.

Block	Cuttack sadar (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	03/02/2021	04/02/2021	05/02/2021	06/02/2021	07/02/2021
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	28	29	29	29	29
T-Min(°C)	14	15	15	15	16
Cloud Cover(octa)	0	0	0	0	0
RH Max (%)	84	80	83	80	81
RH Min (%)	14	12	11	14	21
Wind Speed (Kmph)	7	8	8	7	7
Wind Direction (deg)	338	11	293	243	189

Agromet Advisory

General Advisory: As per SPI, mildly dry condition was there in Cuttack district in last 4 weeks and no rainfall and dry weather expected during next five days. So, go for irrigation in crop field as per requirement and based upon soil moisture condition. Farmer should go for mulching by polythene or paddy straw to maintain the soil temperature in cold night condition.

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 Flea beetle and powdery mildew in pulses. Spray neem oil 5 ml/L of water to control Flea beetle 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.

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

Mustard: As there are no chances of rainfall so one irrigation is needed at 50-60 days old plants. To meet the deficiency of Sulfur apply 200 gram sulfur per acre. **Powdery Mildew:** Spray Sulfex 2 gram/lit. **Alternaria:** To control Alternaria spray Mancozeb 50 WP @ 2 gram/lit of water after 50-70 days after transplanting.

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. Due to fluctuating temperature condition there may be an attack of **Diamond Back Moth** in Cabbage and cauliflower. To control this apply Spinosad 45SC @ 0.5ml/l. Present humid weather may cause Powdery mildew in cabbage, to control this spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre in 200 lit water.

• **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. 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.

• **Fruits:**
 • **Mango:** Present weather conditions are favourable for the incidence of Mango hoppers. To control go for spraying of phosphamidon @ 0.5ml/l (or) dimethoate 2ml/l (or) chlorpyrifos @2.5ml/l. during initial stages of flowering.

• **Papaya:** There is a chance of occurrence of sucking pest damage in papaya crop. Go for spraying imidachloprid 0.3 ml /liter

• **Animal Husbandry:** In winter during cold hours farmers should keep doors, windows and open spaces in sheds covered with polythene or gunny bag curtains to keep the cowshed warm. Farmers should offer 20-30% more feed to counter the winter along with lukewarm water. Use bulb in the cage of new born chicks. Use burning wooden coal during night time beside the floor for keep the poultry house warm.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-164
Date- 02/02/2021

AGROMET ADVISORY BULLETIN FOR KANTAPADA

District Past week weather condition and Block past Rainfall condition

The block received 0 mm and district received 0 mm rainfall during the last week. The mean daily maximum and minimum temperature was 29°C and 14°C, respectively. Mean relative humidity of the district was around 77-63%. **According to NDVI map (22.01.2021 to 28.01.2021) the agriculture vigor was Very light to light over most blocks of Cuttack district whereas according to SPI value(cumulative 4 weeks-31 December2020 to 27 January 2021), Mildly wet condition was there.**

Forecasted period: Today(8.30IST) to 07th February (8.30IST)2021

Weatheradvisory: Minimum temperature will be likely to increase in upcoming 5 days. No rainfall is forecasted for upcoming 5days (Today (8.30IST) to Sunday (8.30 IST)) in the block. The day temperature will be 27-29°C and night temperature will be 14-16°C for upcoming 5 days. Maximum and minimum relative humidity will be 75-79% and 11-23% 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	03/02/2021	04/02/2021	05/02/2021	06/02/2021	07/02/2021
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	27	29	29	29	29
T-Min(°C)	14	15	14	15	16
Cloud Cover(octa)	0	0	0	0	0
RH Max (%)	77	77	75	78	79
RH Min (%)	18	13	11	18	23
Wind Speed (Kmph)	7	8	8	8	8
Wind Direction (deg)	75	349	293	243	180

Agromet Advisory

General Advisory: As per SPI, mildly dry condition was there in Cuttack district in last 4 weeks and no rainfall and dry weather expected during next five days. So, go for irrigation in crop field as per requirement and based upon soil moisture condition. Farmer should go for mulching by polythene or paddy straw to maintain the soil temperature in cold night condition.

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 Flea beetle and powdery mildew in pulses. Spray neem oil 5 ml/L of water to control Flea beetle 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.

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

Mustard: As there are no chances of rainfall so one irrigation is needed at 50-60 days old plants. To meet the deficiency of Sulphur apply 200 gram sulphur per acre. **Powdery Mildew:** Spray Sulfex 2 gram/lit. **Alternaria:** To control Alternaria spray Mancozeb 50 WP @ 2 gram/lit of water after 50-70 days after transplanting.

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. Due to fluctuating temperature condition there may be an attack of **Diamond Back Moth** in Cabbage and cauliflower. To control this apply Spinosad 45SC @ 0.5ml/l. Present humid weather may cause Powdery mildew in cabbage, to control this spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre in 200 lit water.
- 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. 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.
- Fruits:**
- Mango:** Present weather conditions are favourable for the incidence of Mango hoppers. To control go for spraying of phosphamidon @ 0.5ml/l (or) dimethoate 2ml/l (or) chlorpyrifos @2.5ml/l. during initial stages of flowering.
- Papaya:** There is a chance of occurrence of sucking pest damage in papaya crop. Go for spraying imidachloprid 0.3 ml/liter
- Animal Husbandry:** In winter during cold hours farmers should keep doors, windows and open spaces in sheds covered with polythene or gunny bag curtains to keep the cowshed warm. Farmers should offer 20-30% more feed to counter the winter along with lukewarm water. Use bulb in the cage of new born chicks. Use burning wooden coal during night time beside the floor for keep the poultry house warm.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-164
Date- 02/02/2021

AGROMET ADVISORY BULLETIN FOR MAHANGA

District Past week weather condition and Block past Rainfall condition

The block received 0 mm and district received 0 mm rainfall during the last week. The mean daily maximum and minimum temperature was 29°C and 14°C, respectively. Mean relative humidity of the district was around 77-63%. **According to NDVI map (22.01.2021 to 28.01.2021) the agriculture vigor was Very light to light over most blocks of Cuttack district whereas according to SPI value(cumulative 4 weeks-31 December2020 to 27 January 2021), Mildly wet condition was there.**

Forecasted period: Today(8.30IST) to 07th February (8.30IST)2021

Weatheradvisory: Minimum temperature will be likely to increase in upcoming 5 days. No rainfall is forecasted for upcoming 5days (Today (8.30IST) to Sunday (8.30 IST)) in the block. The day temperature will be 27-29°C and night temperature will be 14-16°C for upcoming 5 days. Maximum and minimum relative humidity will be 70-76% and 13-22% respectively. There will be mainly clear to partly cloudy for next 5 days.

Block	Mahanga(VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	03/02/2021	04/02/2021	05/02/2021	06/02/2021	07/02/2021
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	27	28	28	29	29
T-Min(°C)	14	14	14	15	16
Cloud Cover(octal)	0	0	0	0	0
RH Max (%)	72	72	76	70	74
RH Min (%)	16	13	13	16	22
Wind Speed (Kmph)	7	8	8	7	7
Wind Direction (deg)	338	15	288	252	162

Agromet Advisory

General Advisory: As per SPI, mildly dry condition was there in Cuttack district in last 4 weeks and no rainfall and dry weather expected during next five days. So, go for irrigation in crop field as per requirement and based upon soil moisture condition. Farmer should go for mulching by polythene or paddy straw to maintain the soil temperature in cold night condition.

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 Flea beetle and powdery mildew in pulses. Spray neem oil 5 ml/L of water to control Flea beetle 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.

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

Mustard: As there are no chances of rainfall so one irrigation is needed at 50-60 days old plants. To meet the deficiency of Sulphur apply 200 gram sulphur per acre. **Powdery Mildew:** Spray Sulfex 2 gram/lit. **Alternaria:** To control Alternaria spray Mancozeb 50 WP @ 2 gram/lit of water after 50-70 days after transplanting.

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. Due to fluctuating temperature condition there may be an attack of **Diamond Back Moth** in Cabbage and cauliflower. To control this apply Spinosad 45SC @ 0.5ml/l. Present humid weather may cause Powdery mildew in cabbage, to control this spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre in 200 lit water.
- 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. 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.
- Fruits:**
- Mango:** Present weather conditions are favourable for the incidence of Mango hoppers. To control go for spraying of phosphamidon @ 0.5ml/l (or) dimethoate 2ml/l (or) chlorpyrifos @2.5ml/l. during initial stages of flowering.
- Papaya:** There is a chance of occurrence of sucking pest damage in papaya crop. Go for spraying imidachloprid 0.3 ml/liter
- Animal Husbandry:** In winter during cold hours farmers should keep doors, windows and open spaces in sheds covered with polythene or gunny bag curtains to keep the cowshed warm. Farmers should offer 20-30% more feed to counter the winter along with lukewarm water. Use bulb in the cage of new born chicks. Use burning wooden coal during night time beside the floor for keep the poultry house warm.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-164
Date- 02/02/2021

AGROMET ADVISORY BULLETIN FOR NARASINGHPUR

District Past week weather condition and Block past Rainfall condition

The block received 0 mm and district received 0 mm rainfall during the last week. The mean daily maximum and minimum temperature was 29°C and 14°C, respectively. Mean relative humidity of the district was around 77-63%. **According to NDVI map (22.01.2021 to 28.01.2021) the agriculture vigor was Very light to light over most blocks of Cuttack district whereas according to SPI value(cumulative 4 weeks-31 December2020 to 27 January 2021), Mildly wet condition was there.**

Forecasted period: Today(8.30IST) to 07th February (8.30IST)2021

Weatheradvisory: Minimum temperature will be likely to increase in upcoming 5 days. No rainfall is forecasted for upcoming 5days (Today (8.30IST) to Sunday (8.30 IST)) in the block. The day temperature will be 28-30°C and night temperature will be 12-15°C for upcoming 5 days. Maximum and minimum relative humidity will be 61-83% and 10-14% respectively. There will be mainly clear to partly cloudy sky for next 5days.

Block	Narasinghpur(VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	03/02/2021	04/02/2021	05/02/2021	06/02/2021	07/02/2021
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	28	29	28	30	29
T-Min(°C)	12	13	13	14	15
Cloud Cover(/octa)	0	0	0	0	1
RH Max (%)	68	61	68	80	83
RH Min (%)	10	12	10	12	14
Wind Speed (Kmph)	5	5	6	5	5
Wind Direction (deg)	23	360	23	135	189

Agromet Advisory

General Advisory: As per SPI, mildly dry condition was there in Cuttack district in last 4 weeks and no rainfall and dry weather expected during next five days. So, go for irrigation in crop field as per requirement and based upon soil moisture condition. Farmer should go for mulching by polythene or paddy straw to maintain the soil temperature in cold night condition.

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 **Flea beetle** and **powdery mildew** in pulses. Spray neem oil 5 ml/L of water to control Flea beetle 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.

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

Mustard: As there are no chances of rainfall so one irrigation is needed at 50-60 days old plants. To meet the deficiency of Sulphur apply 200 gram sulphur per acre. **Powdery Mildew:** Spray Sulfex 2 gram/lit. **Alternaria:** To control Alternaria spray Mancozeb 50 WP @ 2 gram/lit of water after 50-70 days after transplanting.

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. Due to fluctuating temperature condition there may be an attack of **Diamond Back Moth** in Cabbage and cauliflower. To control this apply Spinosad 45SC @ 0.5ml/l. Present humid weather may cause Powdery mildew in cabbage, to control this spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre in 200 lit water.

- 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. 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.

- Fruits:**
- Mango:** Present weather conditions are favourable for the incidence of Mango hoppers. To control go for spraying of phosphamidon @ 0.5ml/l (or) dimethoate 2ml/l (or) chlorpyrifos @2.5ml/l. during initial stages of flowering.

- Papaya:** There is a chance of occurrence of sucking pest damage in papaya crop. Go for spraying imidachloprid 0.3 ml/liter

- Animal Husbandry:** In winter during cold hours farmers should keep doors, windows and open spaces in sheds covered with polythene or gunny bag curtains to keep the cowshed warm. Farmers should offer 20-30% more feed to counter the winter along with lukewarm water. Use bulb in the cage of new born chicks. Use burning wooden coal during night time beside the floor for keep the poultry house warm.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-164
Date- 02/02/2021

AGROMET ADVISORY BULLETIN FOR NIALI

District Past week weather condition and Block past Rainfall condition

The block received 0 mm and district received 0 mm rainfall during the last week. The mean daily maximum and minimum temperature was 29°C and 14°C, respectively. Mean relative humidity of the district was around 77-63%. **According to NDVI map (22.01.2021 to 28.01.2021) the agriculture vigor was Very light to light over most blocks of Cuttack district whereas according to SPI value(cumulative 4 weeks-31 December2020 to 27 January 2021), Mildly wet condition was there.**

Forecasted period: Today(8.30IST) to 07th February (8.30IST)2021

Weatheradvisory: Minimum temperature will be likely to increase in upcoming 5 days. No rainfall is forecasted for upcoming 5days (Today (8.30IST) to Sunday (8.30 IST)) in the block. The day temperature will be 27-29°C and night temperature will be 14-16°C for upcoming 5 days. Maximum and minimum relative humidity will be 73-80% and 14-25% 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	03/02/2021	04/02/2021	05/02/2021	06/02/2021	07/02/2021
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	27	29	29	29	29
T-Min(°C)	14	14	14	15	16
Cloud Cover(octa)	0	0	0	0	0
RH Max (%)	75	75	73	77	80
RH Min (%)	21	16	14	20	25
Wind Speed(Kmph)	8	8	8	8	8
Wind Direction(deg)	68	158	15	135	169

Agromet Advisory

General Advisory: As per SPI, mildly dry condition was there in Cuttack district in last 4 weeks and no rainfall and dry weather expected during next five days. So, go for irrigation in crop field as per requirement and based upon soil moisture condition. Farmer should go for mulching by polythene or paddy straw to maintain the soil temperature in cold night condition.

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 Flea beetle and powdery mildew in pulses. Spray neem oil 5 ml/L of water to control Flea beetle 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.

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

Mustard: As there are no chances of rainfall so one irrigation is needed at 50-60 days old plants. To meet the deficiency of Sulfar apply 200 gram sulfur per acre. **Powdery Mildew:** Spray Sulfex 2 gram/lit. **Alternaria:** To control Alternaria spray Mancozeb 50 WP @ 2 gram/lit of water after 50-70 days after transplanting.

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. Due to fluctuating temperature condition there may be an attack of **Diamond Back Moth** in Cabbage and cauliflower. To control this apply Spinosad 45SC @ 0.5ml/l. Present humid weather may cause Powdery mildew in cabbage, to control this spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre in 200 liter water.
- 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. 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.
- Fruits:**
- Mango:** Present weather conditions are favourable for the incidence of Mango hoppers. To control go for spraying of phosphamidon @ 0.5ml/l (or) dimethoate 2ml/l (or) chlorpyrifos @2.5ml/l. during initial stages of flowering.
- Papaya:** There is a chance of occurrence of sucking pest damage in papaya crop. Go for spraying imidachloprid 0.3 ml /liter
- Animal Husbandry:** In winter during cold hours farmers should keep doors, windows and open spaces in sheds covered with polythene or gunny bag curtains to keep the cowshed warm. Farmers should offer 20-30% more feed to counter the winter along with lukewarm water. Use bulb in the cage of new born chicks. Use burning wooden coal during night time beside the floor for keep the poultry house warm.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-164
Date- 02/02/2021

AGROMET ADVISORY BULLETIN FOR NISCHINTAKOILI

District Past week weather condition and Block past Rainfall condition

The block received 0 mm and district received 0 mm rainfall during the last week. The mean daily maximum and minimum temperature was 29°C and 14°C, respectively. Mean relative humidity of the district was around 77-63%. **According to NDVI map (22.01.2021 to 28.01.2021) the agriculture vigor was Very light to light over most blocks of Cuttack district whereas according to SPI value(cumulative 4 weeks-31 December2020 to 27 January 2021), Mildly wet condition was there.**

Forecasted period: Today(8.30IST) to 07th February (8.30IST)2021

Weatheradvisory: Minimum temperature will be likely to increase in upcoming 5 days. No rainfall is forecasted for upcoming 5 days (Today (8.30IST) to Sunday (8.30 IST)) in the block. The day temperature will be 27-29°C and night temperature will be 14-16°C for upcoming 5 days. Maximum and minimum relative humidity will be 72-75% and 13-22% respectively. There will be mainly clear to partly cloudy sky for next 5 days.

Block	Nischintakoili(VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	03/02/2021	04/02/2021	05/02/2021	06/02/2021	07/02/2021
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	27	29	28	29	29
T-Min(°C)	14	15	15	15	16
Cloud Cover(octa)	0	0	0	0	0
RH Max (%)	74	73	75	72	75
RH Min (%)	16	13	13	17	22
Wind Speed (Kmph)	7	8	8	8	8
Wind Direction (deg)	338	15	288	252	169

Agromet Advisory

General Advisory: As per SPI, mildly dry condition was there in Cuttack district in last 4 weeks and no rainfall and dry weather expected during next five days. So, go for irrigation in crop field as per requirement and based upon soil moisture condition. Farmer should go for mulching by polythene or paddy straw to maintain the soil temperature in cold night condition.

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 Flea beetle and powdery mildew in pulses. Spray neem oil 5 ml/L of water to control Flea beetle 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.

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

Mustard: As there are no chances of rainfall so one irrigation is needed at 50-60 days old plants. To meet the deficiency of Sulfar apply 200 gram sulfur per acre. **Powdery Mildew:** Spray Sulfex 2 gram/lit. **Alternaria:** To control Alternaria spray Mancozeb 50 WP @ 2 gram/lit of water after 50-70 days after transplanting.

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. Due to fluctuating temperature condition there may be an attack of **Diamond Back Moth** in Cabbage and cauliflower. To control this apply Spinosad 45SC @ 0.5ml/l. Present humid weather may cause Powdery mildew in cabbage, to control this spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre in 200 liter water.
- 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. 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.
- Fruits:**
- Mango:** Present weather conditions are favourable for the incidence of Mango hoppers. To control go for spraying of phosphamidon @ 0.5ml/l (or) dimethoate 2ml/l (or) chloropyrifos @2.5ml/l. during initial stages of flowering.
- Papaya:** There is a chance of occurrence of sucking pest damage in papaya crop. Go for spraying imidachloprid 0.3 ml /liter
- Animal Husbandry:** In winter during cold hours farmers should keep doors, windows and open spaces in sheds covered with polythene or gunny bag curtains to keep the cowshed warm. Farmers should offer 20-30% more feed to counter the winter along with lukewarm water. Use bulb in the cage of new born chicks. Use burning wooden coal during night time beside the floor for keep the poultry house warm.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-164
Date- 02/02/2021

AGROMET ADVISORY BULLETIN FOR SALEPUR

District Past week weather condition and Block past Rainfall condition

The block received 0 mm and district received 0 mm rainfall during the last week. The mean daily maximum and minimum temperature was 29°C and 14°C, respectively. Mean relative humidity of the district was around 77-63%. **According to NDVI map (22.01.2021 to 28.01.2021) the agriculture vigor was Very light to light over most blocks of Cuttack district whereas according to SPI value(cumulative 4 weeks-31 December2020 to 27 January 2021), Mildly wet condition was there.**

Forecasted period: Today(8.30IST) to 07th February (8.30IST)2021

Weatheradvisory: Minimum temperature will be likely to increase in upcoming 5 days. No rainfall is forecasted for upcoming 5 days (Today (8.30IST) to Sunday (8.30 IST)) in the block. The day temperature will be 27-29°C and night temperature will be 14-16°C for upcoming 5 days. Maximum and minimum relative humidity will be 74-77% and 13-22% respectively. There will be mainly clear to partly cloudy sky for next 5days.

Block	Salepur(VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	03/02/2021	04/02/2021	05/02/2021	06/02/2021	07/02/2021
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	27	29	28	29	29
T-Min(°C)	14	15	15	15	16
Cloud Cover(octa)	0	0	0	0	0
RH Max (%)	76	74	77	73	76
RH Min (%)	16	13	13	16	22
Wind Speed (Kmph)	7	8	8	7	8
Wind Direction (deg)	338	15	288	252	169

Agromet Advisory

General Advisory: As per SPI, mildly dry condition was there in Cuttack district in last 4 weeks and no rainfall and dry weather expected during next five days. So, go for irrigation in crop field as per requirement and based upon soil moisture condition. Farmer should go for mulching by polythene or paddy straw to maintain the soil temperature in cold night condition.

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 Flea beetle and powdery mildew in pulses. Spray neem oil 5 ml/L of water to control Flea beetle 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.

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

Mustard: As there are no chances of rainfall so one irrigation is needed at 50-60 days old plants. To meet the deficiency of Sulfar apply 200 gram sulfur per acre. **Powdery Mildew:** Spray Sulfex 2 gram/lit. **Alternaria:** To control Alternaria spray Mancozeb 50 WP @ 2 gram/lit of water after 50-70 days after transplanting.

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. Due to fluctuating temperature condition there may be an attack of **Diamond Back Moth** in Cabbage and cauliflower. To control this apply Spinosad 45SC @ 0.5ml/l. Present humid weather may cause Powdery mildew in cabbage, to control this spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre in 200 liter water.
- 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. 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.
- Fruits:**
- Mango:** Present weather conditions are favourable for the incidence of Mango hoppers. To control go for spraying of phosphamidon @ 0.5ml/l (or) dimethoate 2ml/l (or) chloropyrifos @2.5ml/l. during initial stages of flowering.
- Papaya:** There is a chance of occurrence of sucking pest damage in papaya crop. Go for spraying imidachloprid 0.3 ml /liter
- Animal Husbandry:** In winter during cold hours farmers should keep doors, windows and open spaces in sheds covered with polythene or gunny bag curtains to keep the cowshed warm. Farmers should offer 20-30% more feed to counter the winter along with lukewarm water. Use bulb in the cage of new born chicks. Use burning wooden coal during night time beside the floor for keep the poultry house warm.

Dr Sujata Sethy
(Nodal officer)



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APP for Lightening alert in your area



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Bulletin No.-164
Date- 02/02/2021

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

The block received 0 mm and district received 0 mm rainfall during the last week. The mean daily maximum and minimum temperature was 29°C and 14°C, respectively. Mean relative humidity of the district was around 77-63%. **According to NDVI map (22.01.2021 to 28.01.2021) the agriculture vigor was Very light to light over most blocks of Cuttack district whereas according to SPI value(cumulative 4 weeks-31 December2020 to 27 January 2021), Mildly wet condition was there.**

Forecasted period: Today(8.30IST) to 07th February (8.30IST)2021

Weatheradvisory: Minimum temperature will be likely to increase in upcoming 5 days. No rainfall is forecasted for upcoming 5 days (Today (8.30IST) to Sunday (8.30 IST)) in the block. The day temperature will be 27-30°C and night temperature will be 14-16°C for upcoming 5 days. Maximum and minimum relative humidity will be 65-78% and 22-31% 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	03/02/2021	04/02/2021	05/02/2021	06/02/2021	07/02/2021
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	27	29	29	30	30
T-Min(°C)	14	15	15	16	16
Cloud Cover(octa)	0	0	0	0	0
RH Max (%)	65	69	67	72	78
RH Min (%)	27	22	23	25	31
Wind Speed (Kmph)	10	9	9	9	9
Wind Direction (deg)	108	342	105	146	161

Agromet Advisory

General Advisory: As per SPI, mildly dry condition was there in Cuttack district in last 4 weeks and no rainfall and dry weather expected during next five days. So, go for irrigation in crop field as per requirement and based upon soil moisture condition. Farmer should go for mulching by polythene or paddy straw to maintain the soil temperature in cold night condition.

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 Flea beetle and powdery mildew in pulses. Spray neem oil 5 ml/L of water to control Flea beetle 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.

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

Mustard: As there are no chances of rainfall so one irrigation is needed at 50-60 days old plants. To meet the deficiency of Sulfar apply 200 gram sulfur per acre. **Powdery Mildew:** Spray Sulfex 2 gram/lit. **Alternaria:** To control Alternaria spray Mancozeb 50 WP @ 2 gram/lit of water after 50-70 days after transplanting.

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. Due to fluctuating temperature condition there may be an attack of **Diamond Back Moth** in Cabbage and cauliflower. To control this apply Spinosad 45SC @ 0.5ml/l. Present humid weather may cause Powdery mildew in cabbage, to control this spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre in 200 liter water.
- 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. 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.
- Fruits:**
- Mango:** Present weather conditions are favourable for the incidence of Mango hoppers. To control go for spraying of phosphamidon @ 0.5ml/l (or) dimethoate 2ml/l (or) chlorpyrifos @2.5ml/l. during initial stages of flowering.
- Papaya:** There is a chance of occurrence of sucking pest damage in papaya crop. Go for spraying imidachloprid 0.3 ml /liter
- Animal Husbandry:** In winter during cold hours farmers should keep doors, windows and open spaces in sheds covered with polythene or gunny bag curtains to keep the cowshed warm. Farmers should offer 20-30% more feed to counter the winter along with lukewarm water. Use bulb in the cage of new born chicks. Use burning wooden coal during night time beside the floor for keep the poultry house warm.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-164
Date- 02/02/2021

AGROMET ADVISORY BULLETIN FOR TIGIRIA

District Past week weather condition and Block past Rainfall condition

The block received 0 mm and district received 0 mm rainfall during the last week. The mean daily maximum and minimum temperature was 29°C and 14°C, respectively. Mean relative humidity of the district was around 77-63%. **According to NDVI map (22.01.2021 to 28.01.2021) the agriculture vigor was Very light to light over most blocks of Cuttack district whereas according to SPI value(cumulative 4 weeks-31 December2020 to 27 January 2021), Mildly wet condition was there.**

Forecasted period: Today(8.30IST) to 07th February (8.30IST)2021

Weather advisory: Minimum temperature will be likely to increase in upcoming 5 days. No rainfall is forecasted for upcoming 5 days (Today (8.30IST) to Sunday (8.30 IST)) in the block. The day temperature will be 28-30°C and night temperature will be 13-16°C for upcoming 5 days. Maximum and minimum relative humidity will be 81-84% and 10-17% respectively. There will be mainly clear to partly cloudy sky for next 5 days.

Block	Tigiria (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	03/02/2021	04/02/2021	05/02/2021	06/02/2021	07/02/2021
Rainfall(mm)	0	0	0	0	0
00T-Max(°C)	28	29	29	30	30
T-Min(°C)	13	14	14	15	16
Cloud Cover(octa)	0	0	0	0	0
RH Max (%)	84	81	83	83	83
RH Min (%)	11	11	10	12	17
Wind Speed (Kmph)	6	8	8	6	7
Wind Direction (deg)	18	345	23	180	180

Agromet Advisory

General Advisory: As per SPI, mildly dry condition was there in Cuttack district in last 4 weeks and no rainfall and dry weather expected during next five days. So, go for irrigation in crop field as per requirement and based upon soil moisture condition. Farmer should go for mulching by polythene or paddy straw to maintain the soil temperature in cold night condition.

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 Flea beetle and powdery mildew in pulses. Spray neem oil 5 ml/L of water to control Flea beetle 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.

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

Mustard: As there are no chances of rainfall so one irrigation is needed at 50-60 days old plants. To meet the deficiency of Sulfur apply 200 gram sulfur per acre. **Powdery Mildew:** Spray Sulfex 2 gram/lit. **Alternaria:** To control Alternaria spray Mancozeb 50 WP @ 2 gram/lit of water after 50-70 days after transplanting.

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. Due to fluctuating temperature condition there may be an attack of **Diamond Back Moth** in Cabbage and cauliflower. To control this apply Spinosad 45SC @ 0.5ml/l. Present humid weather may cause Powdery mildew in cabbage, to control this spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre in 200 liter water.
- **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. 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.
- **Fruits:**
- **Mango:** Present weather conditions are favourable for the incidence of Mango hoppers. To control go for spraying of phosphamidon @ 0.5ml/l (or) dimethoate 2ml/l (or) chlorpyrifos @2.5ml/l. during initial stages of flowering.
- **Papaya:** There is a chance of occurrence of sucking pest damage in papaya crop. Go for spraying imidachloprid 0.3 ml /liter
- **Animal Husbandry:** In winter during cold hours farmers should keep doors, windows and open spaces in sheds covered with polythene or gunny bag curtains to keep the cowshed warm. Farmers should offer 20-30% more feed to counter the winter along with lukewarm water. Use bulb in the cage of new born chicks. Use burning wooden coal during night time beside the floor for keep the poultry house warm.

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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.