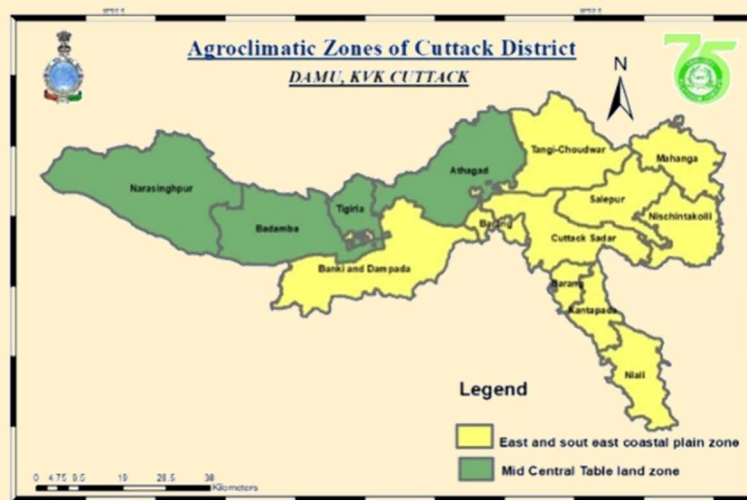




Cuttack District Block Wise Agro-met Advisory Service Bulletin

*Friday, 2nd February, 2024
(For the period 2nd to 6th February,
2024)*



*Issued by
District Agro-met Unit,
Krishi Vigyan Kendra Cuttack*




















GRAMIN KRISHI MAUSAM SEWA
INDIA METEOROLOGICAL DEPARTMENT
DISTRICT AGROMET UNIT
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Bulletin No.-475
Date- 02/02/2024

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
				Stink Bug
				White rust
3	Rabi Groundnut	Vegetative stage to flowering		Leaf Miner
				Aphid and Mites
4	Vegetables (Tomato, Chilli, Brinjal)	Vegetative to fruiting		Thrips
				Mites
				Chili Aphid
5	Brinjal	Fruiting		Fruit and shoot borer
6	Tomato	Vegetative		White fly
				Leaf Curl virus

DrRanjan Kumar Mohanta
(Nodal officer)



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Debasish Jena
SMS (Agrometeorology)
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		Fruiting		Late blight
7	Potato	Sprouting/Vegetative stage		Leaf Blight
				Aphid
8	Cole crops (Cauliflower and cabbage)	Vegetative to fruiting		Leaf eating caterpillar
				Aphid
				Fruit borer
				Diamond back moth
				Tobacco Caterpillar

DrRanjan Kumar Mohanta
(Nodal officer)



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AGROMET ADVISORY BULLETIN FOR ATHAGAD



Bulletin No.-475
Date- 02/02/2024

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

The block received average 0mm&district received average 0mmrainfall during the last week. The mean daily maximum and minimum temperature was **27.82°C** and **15.71°C**, respectively. Mean relative humidity of the district was around 68-87%.

Forecasted period: Today(8.30IST) to 7th February (8.30IST)2024

Weather advisory: *Very light rainfall for today and Dry weather is forecasted for next 4 days in the block.* The day temperature will be **30-31°C** and night temperature will be **18-20°C** for upcoming 5 days. Maximum and minimum relative humidity will be 79-95% and 26-34% respectively. **There will be clear to partly cloudy sky for next 5 days.**

Block	Athagad (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	02/02/2024	03/02/2024	04/02/2024	05/02/2024	06/02/2024
Rainfall (mm)	1	0	0	0	0
T-Max (°C)	31	30	31	30	31
T-Min (°C)	20	18	18	18	18
Cloud Cover (octa)	3	2	1	0	0
RH Max (%)	79	94	91	95	93
RH Min (%)	34	34	26	34	34
Wind Speed (kmph)	5	6	7	12	13
Wind Direction (deg)	18	79	158	159	171

Agromet Advisory

General Advisory: *In view of anticipated foggy weather/presence of sufficient moisture in atmosphere there may be chances of white rust in mustard, late blight in tomato and potato, so farmers should vigil the field and take proper plant protection measures in the upcoming dry days.*

Pulses:

Start sowing of pulses drought resistance short duration varieties (Green gram- IPM 02-03, IPM 02-14, Virat, kamdev, Durga and Black gram- PU-31, IPU-2-43, Prasad, Ujala) by utilization of residual soil moisture. If moisture is insufficient go for irrigation as dry weather is forecasted in coming 5 days. 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 1 ml dichlorvos 76%EC per litre of water @200 litres per acre during afternoon. Spray 2 ml. Dimethoate or Metacystox per litre water to control **aphid**. 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 **leaf miner** spray Neem Based Pesticide (Azadirachtin) 300 PPM @ 1-litre /acre during primary stage of infestation. To manage chemically spray Profenophos 50% EC @ 400 ml/acre or Chlorpyrifos 50% + Cypermethrin 5 % E.C @ 400 ml/acre by mixing it in 200 -litre of water.

Mustard:

The mustard is at 15 to 20 days stage. Go for hoeing and weeding followed by irrigation. Thin out the plants and maintain optimum plant population. **Due to foggy weather,** There may be chances of **white rust** disease in Mustard, to control spray Metalaxyl 2g/liter of water. 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.

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.
- 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 emamectinbenzoate 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.
- **POTATO:**
Due to foggy and cold weather, there are chances of early/late leaf Blight disease incidence in potato crop. To manage **leaf blight** in potato, spray Mancozeb 75% WP @ 600 gram/acre or Carbendazim 12% + Mancozeb 63% W.P @ 400-gram/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.

Animal husbandry:

The poultry birds should be protected from cold injury using electric bulb. Animals should be given mineral mixture along with salt regularly and wheat grains, jaggery etc. may be provided @ 10%- 20% in the daily ration during winter season to meet the energy requirement of the animals.

DrRanjan Kumar Mohanta
(Nodal officer)



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Bulletin No.-475

Date- 02/02/2024

AGROMET ADVISORY BULLETIN FOR BADAMBA

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

The block received average 0mm&district received average 0mmrainfall during the last week. The mean daily maximum and minimum temperature was **27.82°C** and **15.71°C**, respectively. Mean relative humidity of the district was around 68-87%.

Forecasted period: Today(8.30IST) to 7th February (8.30IST)2024

Weatheradvisory: *Very light rainfall for today and Dry weather is forecasted for next 4 days in the block.* The day temperature will be **30-31°C**and night temperature will be **17-19°C**for upcoming 5 days. Maximum and minimum relative humidity will be 75-95% and 25-34% respectively. **There will be clear to partly cloudyskyfor next 5days.**

Block	Badamba(VAID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	02/02/2024	03/02/2024	04/02/2024	05/02/2024	06/02/2024
Rainfall(mm)	1	0	0	0	0
T-Max(°C)	31	31	31	30	31
T-Min(°C)	19	17	18	17	17
Cloud Cover(octa)	3	2	0	0	1
RH Max (%)	75	94	90	95	93
RH Min (%)	34	33	25	32	32
Wind Speed (Kmph)	5	5	6	12	11
Wind Direction (deg)	27	23	160	162	165

Agromet Advisory

General Advisory: *In view of anticipated foggy weather/presence of sufficient moisture in atmosphere there may be chances of white rust in mustard, late blight in tomato and potato, so farmers should vigil the field and take proper plant protection measures in the upcoming dry days.*

Pulses:

Start sowing of pulses drought resistance short duration varieties (Green gram- IPM 02-03, IPM 02-14, Virat, kamdev, Durga and Black gram- PU-31, IPU-2-43, Prasad, Ujala) by utilization of residual soil moisture. If moisture is insufficient go for irrigation as dry weather is forecasted in coming 5 days. 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 1 ml dichlorvos 76%EC per litre of water @200 litres per acre during afternoon. Spray 2 ml. Dimethoate or Metacystox per litre water to control **aphid**. 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 **leaf miner** spray Neem Based Pesticide (Azadirachtin) 300 PPM @ 1-litre /acre during primary stage of infestation. To manage chemically spray Profenophos 50% EC @ 400 ml/acre or Chlorpyrifos 50% + Cypermethrin 5 % E.C @ 400 ml/acre by mixing it in 200 -litre of water.

Mustard:

The mustard is at 15 to 20 days stage. Go for hoeing and weeding followed by irrigation. Thin out the plants and maintain optimum plant population. **Due to foggy weather,** There may be chances of **white rust** disease in Mustard, to control spray Metalaxyl 2g/liter of water. 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.

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.
- 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 emamectinbenzoate 5% SG 80gm or indoxacarb14.5% 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.
- **POTATO:**
Due to foggy and cold weather, there are chances of early/late leaf Blight disease incidence in potato crop. To manage **leaf blight** in potato, sprayMancozeb 75% WP @600 gram/acre or Carbendazim 12% + Mancozeb 63% W.P @ 400-gram/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.

Animal husbandry:

The poultry birds should be protected from cold injury using electric bulb. Animals should be given mineral mixture along with salt regularly and wheat grains, jaggery etc. may be provided @ 10%- 20% in the daily ration during winter season to meet the energy requirement of the animals.

DrRanjan Kumar Mohanta
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Bulletin No.-475
Date- 02/02/2024

AGROMET ADVISORY BULLETIN FOR BANKI

District Past week average weather condition

The block received average 0mm&district received average 0mmrainfall during the last week. The mean daily maximum and minimum temperature was **27.82°C** and **15.71°C**, respectively. Mean relative humidity of the district was around 68-87%.

Forecasted period: Today(8.30IST) to 7th February (8.30IST)2024

Weatheradvisory: *Very light rainfall for today and Dry weather is forecasted for next 4 days in the block.* The day temperature will be 30-31°C and night temperature will be 18-20°Cfor upcoming 5 days. Maximum and minimum relative humidity will be 76-94% and 27-36% respectively. There will be clear to partly cloudy sky for next 5days.

Block	Banki(VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	02/02/2024	03/02/2024	04/02/2024	05/02/2024	06/02/2024
Rainfall(mm)	1	0	0	0	0
T-Max(°C)	31	31	31	30	31
T-Min(°C)	20	18	18	18	18
Cloud Cover(octa)	3	2	1	0	0
RH Max (%)	76	94	90	94	91
RH Min (%)	35	35	27	35	36
Wind Speed (Kmph)	5	6	8	13	14
Wind Direction (deg)	203	161	167	167	163

Agromet Advisory

General Advisory: *In view of anticipated foggy weather/presence of sufficient moisture in atmosphere there may be chances of white rust in mustard, late blight in tomato and potato, so farmers should vigil the field and take proper plant protection measures in the upcoming dry days.*

Pulses:

Start sowing of pulses drought resistance short duration varieties (Green gram- IPM 02-03, IPM 02-14, Virat, kamdev, Durga and Black gram- PU-31, IPU-2-43, Prasad, Ujala) by utilization of residual soil moisture. If moisture is insufficient go for irrigation as dry weather is forecasted in coming 5 days. 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 1 ml dichlorvos 76%EC per litre of water @200 litres per acre during afternoon. Spray 2 ml. Dimethoate or Metacystox per litre water to control aphid. 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 leaf miner spray Neem Based Pesticide (Azadirachtin) 300 PPM @ 1-litre /acre during primary stage of infestation. To manage chemically spray Profenophos 50% EC @ 400 ml/acre or Chlorpyrifos 50% + Cypermethrin 5 % E.C @ 400 ml/acre by mixing it in 200 -litre of water.

Mustard:

The mustard is at 15 to 20 days stage. Go for hoeing and weeding followed by irrigation. Thin out the plants and maintain optimum plant population. **Due to foggy weather,** There may be chances of white rust disease in Mustard, to control spray Metalaxyl 2g/liter of water. 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.

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.
- 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 emamectinbenzoate 5% SG 80gm or indoxacarb14.5% 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.

POTATO:

Due to foggy and cold weather, there are chances of early/late leaf Blight disease incidence in potato crop. To manage leaf blight in potato, sprayMancozeb 75% WP @600 gram/acre or Carbendazim 12% + Mancozeb 63% W.P @ 400-gram/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.

Animal husbandry:

The poultry birds should be protected from cold injury using electric bulb. Animals should be given mineral mixture along with salt regularly and wheat grains, jaggery etc. may be provided @ 10%- 20% in the daily ration during winter season to meet the energy requirement of the animals.

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Bulletin No.-475

Date- 02/02/2024

AGROMET ADVISORY BULLETIN FOR BANKI-DAMPARA

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

The block received average 0mm&district received average 0mmrainfall during the last week. The mean daily maximum and minimum temperature was **27.82°C** and **15.71°C**, respectively. Mean relative humidity of the district was around 68-87%.

Forecasted period: Today(8.30IST) to 7th February (8.30IST)2024

WeatherAdvisory: *Very light rainfall for today and Dry weather is forecasted for next 4 days in the block.* The day temperature will be 30-32°C and night temperature will be 18-20°Cfor upcoming 5 days. Maximum and minimum relative humidity will be 76-94% and 28-37% respectively. There will be clear to partly cloudyskyfor next 5days.

Block	Banki-Dampada(VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	02/02/2024	03/02/2024	04/02/2024	05/02/2024	06/02/2024
Rainfall(mm)	1	0	0	0	0
T-Max(°C)	32	31	31	30	31
T-Min(°C)	20	18	18	18	18
Cloud Cover(octa)	3	2	1	0	0
RH Max (%)	76	94	90	94	91
RH Min (%)	35	36	28	36	37
Wind Speed (Kmph)	5	6	8	13	14
Wind Direction (deg)	203	161	167	167	171

Agromet Advisory

General Advisory: *In view of anticipated foggy weather/presence of sufficient moisture in atmosphere there may be chances of white rust in mustard, late blight in tomato and potato, so farmers should vigil the field and take proper plant protection measures in the upcoming dry days.*

Pulses:

Start sowing of pulses drought resistance short duration varieties (Green gram- IPM 02-03, IPM 02-14, Virat, kamdev, Durga and Black gram- PU-31, IPU-2-43, Prasad, Ujala) by utilization of residual soil moisture. If moisture is insufficient go for irrigation as dry weather is forecasted in coming 5 days. 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 1 ml dichlorvos 76%EC per litre of water @200 litres per acre during afternoon. Spray 2 ml. Dimethoate or Metacystox per litre water to control aphid. 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 leaf miner spray Neem Based Pesticide (Azadirachtin) 300 PPM @ 1-litre /acre during primary stage of infestation. To manage chemically spray Profenophos 50% EC @ 400 ml/acre or Chlorpyrifos 50% + Cypermethrin 5 % E.C @ 400 ml/acre by mixing it in 200 -litre of water.

Mustard:

The mustard is at 15 to 20 days stage. Go for hoeing and weeding followed by irrigation. Thin out the plants and maintain optimum plant population. **Due to foggy weather,** There may be chances of white rust disease in Mustard, to control spray Metalaxyl 2g/liter of water. 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.

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.
- 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 emamectinbenzoate 5% SG 80gm or indoxacarb14.5% 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.
- **POTATO:**
Due to foggy and cold weather, there are chances of early/late leaf Blight disease incidence in potato crop. To manage leaf blight in potato, sprayMancozeb 75% WP @600 gram/acre or Carbendazim 12% + Mancozeb 63% W.P @ 400-gram/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.

Animal husbandry:

The poultry birds should be protected from cold injury using electric bulb. Animals should be given mineral mixture along with salt regularly and wheat grains, jaggery etc. may be provided @ 10%- 20% in the daily ration during winter season to meet the energy requirement of the animals.

DrRanjan Kumar Mohanta
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Bulletin No.-475
Date- 02/02/2024

AGROMET ADVISORY BULLETIN FOR BARANGA

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

The block received average 0mm&district received average 0mmrainfall during the last week. The mean daily maximum and minimum temperature was **27.82°C** and **15.71°C**, respectively. Mean relative humidity of the district was around 68-87%.

Forecasted period: Today(8.30IST) to 7th February (8.30IST)2024

Weatheradvisory: *Very light rainfall for today and Dry weather is forecasted for next 4 days in the block.* The day temperature will be **30-31°C** and night temperature will be **19-20°C**for upcoming 5 days. Maximum and minimum relative humidity will be 84-94% and 33-40% respectively. **There will be clear to partly cloudy sky for next 5days.**

Block	Baranga(VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	02/02/2024	03/02/2024	04/02/2024	05/02/2024	06/02/2024
Rainfall(mm)	2	0	0	0	0
T-Max(°C)	31	30	30	30	31
T-Min(°C)	20	19	19	19	19
Cloud Cover	3	2	1	0	0
RH Max (%)	84	94	90	93	89
RH Min (%)	37	38	33	39	40
Wind Speed (Kmph)	7	7	9	12	16
Wind Direction (deg)	203	79	162	167	198

Agromet Advisory

General Advisory: *In view of anticipated foggy weather/presence of sufficient moisture in atmosphere there may be chances of white rust in mustard, late blight in tomato and potato, so farmers should vigil the field and take proper plant protection measures in the upcoming dry days.*

Pulses:

Start sowing of pulses drought resistance short duration varieties (Green gram- IPM 02-03, IPM 02-14, Virat, kamdev, Durga and Black gram- PU-31, IPU-2-43, Prasad, Ujala) by utilization of residual soil moisture. If moisture is insufficient go for irrigation as dry weather is forecasted in coming 5 days. 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 1 ml dichlorvos 76%EC per litre of water @200 litres per acre during afternoon. Spray 2 ml. Dimethoate or Metacystox per litre water to control **aphid**. 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 **leaf miner** spray Neem Based Pesticide (Azadirachtin) 300 PPM @ 1-litre /acre during primary stage of infestation. To manage chemically spray Profenophos 50% EC @ 400 ml/acre or Chlorpyrifos 50% + Cypermethrin 5 % E.C @ 400 ml/acre by mixing it in 200 -litre of water.

Mustard:

The mustard is at 15 to 20 days stage. Go for hoeing and weeding followed by irrigation. Thin out the plants and maintain optimum plant population. **Due to foggy weather**, There may be chances of **white rust** disease in Mustard, to control spray Metalaxyl 2g/liter of water. 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.

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.
- 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 emamectinbenzoate 5% SG 80gm or indoxacarb14.5% 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.
- **POTATO:**
Due to foggy and cold weather, there are chances of early/late leaf Blight disease incidence in potato crop. To manage **leaf blight** in potato, spray Mancozeb 75% WP @600 gram/acre or Carbendazim 12% + Mancozeb 63% W.P @ 400-gram/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.

Animal husbandry:

The poultry birds should be protected from cold injury using electric bulb. Animals should be given mineral mixture along with salt regularly and wheat grains, jaggery etc. may be provided @ 10%- 20% in the daily ration during winter season to meet the energy requirement of the animals.

DrRanjan Kumar Mohanta
(Nodal officer)



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GRAMIN KRISHIMAUSAM SEWA
INDIA METEOROLOGICAL DEPARTMENT
DISTRICT AGROMET UNIT
KRISHI VIGYAN KENDRA CUTTACK
(A Unit of ICAR-National Rice Research Institute)



Bulletin No.-475
Date- 02/02/2024

Email: kvkcuttack@gmail.com/damukvkcuttack@gmail.com

AGROMET ADVISORY BULLETIN FOR CUTTACK SADAR

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

The block received average 0mm&district received average 0mmrainfall during the last week. The mean daily maximum and minimum temperature was **27.82°C** and **15.71°C**, respectively. Mean relative humidity of the district was around 68-87%.

Forecasted period: Today(8.30IST) to 7th February (8.30IST)2024

Weatheradvisory: *Very light rainfall for today and Dry weather is forecasted for next 4 days in the block.* The day temperature will be **30-31°C** and night temperature will be **19-20°C**forupcoming 5 days. Maximum and minimum relative humidity will be 81-94% and 29-37% respectively. There will be clear to partly cloudyskyfor next 5days.

Block	Cuttack sadar(VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	02/02/2024	03/02/2024	04/02/2024	05/02/2024	06/02/2024
Rainfall(mm)	1	0	0	0	0
T-Max(°C)	31	30	31	30	31
T-Min(°C)	20	19	19	19	19
Cloud Cover(octa)	3	2	1	1	0
RH Max (%)	81	94	90	94	91
RH Min (%)	35	34	29	36	37
Wind Speed (Kmph)	6	7	7	11	14
Wind Direction (deg)	203	71	162	159	180

Agromet Advisory

General Advisory: *In view of anticipated foggy weather/presence of sufficient moisture in atmosphere there may be chances of white rust in mustard, late blight in tomato and potato, so farmers should vigil the field and take proper plant protection measures in the upcoming dry days.*

Pulses:

Start sowing of pulses drought resistance short duration varieties (Green gram- IPM 02-03, IPM 02-14, Virat, kamdev, Durga and Black gram- PU-31, IPU-2-43, Prasad, Ujala) by utilization of residual soil moisture. If moisture is insufficient go for irrigation as dry weather is forecasted in coming 5 days. 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 1 ml dichlorvos 76%EC per litre of water @200 litres per acre during afternoon. Spray 2 ml. Dimethoate or Metacystox per litre water to control aphid. 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 leaf miner spray Neem Based Pesticide (Azadirachtin) 300 PPM @ 1-litre /acre during primary stage of infestation. To manage chemically spray Profenophos 50% EC @ 400 ml/acre or Chlorpyrifos 50% + Cypermethrin 5 % E.C @ 400 ml/acre by mixing it in 200 -litre of water.

Mustard:

The mustard is at 15 to 20 days stage. Go for hoeing and weeding followed by irrigation. Thin out the plants and maintain optimum plant population. **Due to foggy weather,** There may be chances of white rust disease in Mustard, to control spray Metalaxyl 2g/liter of water. 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.

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.
- 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 emamectinbenzoate 5% SG 80gm or indoxacarb14.5% 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.
- **POTATO:**
Due to foggy and cold weather, there are chances of early/late leaf Blight disease incidence in potato crop. To manage leaf blight in potato, sprayMancozeb 75% WP @600 gram/acre or Carbendazim 12% + Mancozeb 63% W.P @ 400-gram/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.

Animal husbandry:

The poultry birds should be protected from cold injury using electric bulb. Animals should be given mineral mixture along with salt regularly and wheat grains, jaggery etc. may be provided @ 10%- 20% in the daily ration during winter season to meet the energy requirement of the animals.

DrRanjan Kumar Mohanta
(Nodal officer)



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Bulletin No.-475

Date- 02/02/2024

AGROMET ADVISORY BULLETIN FOR KANTAPADA

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

The block received average 0mm&district received average 0mmrainfall during the last week. The mean daily maximum and minimum temperature was **27.82°C** and **15.71°C**, respectively. Mean relative humidity of the district was around 68-87%.

Forecasted period: Today(8.30IST) to 7th February (8.30IST)2024

Weatheradvisory: *Very light rainfall for today and Dry weather is forecasted for next 4 days in the block.* The day temperature will be 30°C and night temperature will be 19-21°Cfor upcoming 5 days. Maximum and minimum relative humidity will be 85-93% and 39-43% respectively. **There will be clear to partly cloudyskyfor next 5days.**

Block	Kantapada(VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	02/02/2024	03/02/2024	04/02/2024	05/02/2024	06/02/2024
Rainfall(mm)	2	0	0	0	0
T-Max(°C)	30	30	30	30	30
T-Min(°C)	21	19	19	19	20
Cloud Cover(octa)	3	2	1	0	0
RH Max (%)	85	93	88	90	87
RH Min (%)	41	43	39	42	43
Wind Speed (Kmph)	9	8	9	12	16
Wind Direction (deg)	203	158	167	167	201

Agromet Advisory

General Advisory: *In view of anticipated foggy weather/presence of sufficient moisture in atmosphere there may be chances of white rust in mustard, late blight in tomato and potato, so farmers should vigil the field and take proper plant protection measures in the upcoming dry days.*

Pulses:

Start sowing of pulses drought resistance short duration varieties (Green gram- IPM 02-03, IPM 02-14, Virat, kamdev, Durga and Black gram- PU-31, IPU-2-43, Prasad, Ujala) by utilization of residual soil moisture. If moisture is insufficient go for irrigation as dry weather is forecasted in coming 5 days. 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 1 ml dichlorvos 76%EC per litre of water @200 litres per acre during afternoon. Spray 2 ml. Dimethoate or Metacystox per litre water to control **aphid**. 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 **leaf miner** spray Neem Based Pesticide (Azadirachtin) 300 PPM @ 1-litre /acre during primary stage of infestation. To manage chemically spray Profenophos 50% EC @ 400 ml/acre or Chlorpyrifos 50% + Cypermethrin 5 % E.C @ 400 ml/acre by mixing it in 200 -litre of water.

Mustard:

The mustard is at 15 to 20 days stage. Go for hoeing and weeding followed by irrigation. Thin out the plants and maintain optimum plant population. **Due to foggy weather,** There may be chances of **white rust** disease in Mustard, to control spray Metalaxyl 2g/liter of water. 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.

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.
- 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 emamectinbenzoate 5% SG 80gm or indoxacarb14.5% 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.
- POTATO:**
Due to foggy and cold weather, there are chances of early/late leaf Blight disease incidence in potato crop. To manage **leaf blight** in potato, sprayMancozeb 75% WP @600 gram/acre or Carbendazim 12% + Mancozeb 63% W.P @ 400-gram/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.

Animal husbandry:

The poultry birds should be protected from cold injury using electric bulb. Animals should be given mineral mixture along with salt regularly and wheat grains, jaggery etc. may be provided @ 10%- 20% in the daily ration during winter season to meet the energy requirement of the animals.

DrRanjan Kumar Mohanta
(Nodal officer)



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AGROMET ADVISORY BULLETIN FOR MAHANGA



Bulletin No.-475

Date- 02/02/2024

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

The block received average 0mm&district received average 0mmrainfall during the last week. The mean daily maximum and minimum temperature was **27.82°C** and **15.71°C**, respectively. Mean relative humidity of the district was around 68-87%.

Forecasted period: Today(8.30IST) to 7th February (8.30IST)2024

Weatheradvisory:: **Very light rainfall for today and Dry weather is forecasted for next 4 days in the block.** The day temperature will be and it will be **30-31°C** and night temperature will be **19-20°C**for upcoming 5 days. Maximum and minimum relative humidity will 82-93% and 33-40% respectively. **There will be clear to partly cloudskyfor next 5days.**

Block	Mahanga(VAID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	02/02/2024	03/02/2024	04/02/2024	05/02/2024	06/02/2024
Rainfall(mm)	1	0	0	0	0
T-Max(°C)	31	30	30	30	31
T-Min(°C)	20	19	19	19	19
Cloud Cover(octal)	3	1	1	1	0
RH Max (%)	82	93	87	91	92
RH Min (%)	37	36	33	39	40
Wind Speed (Kmph)	7	7	7	10	14
Wind Direction (deg)	207	75	169	158	193

Agro-met Advisory

General Advisory: In view of anticipated foggy weather/presence of sufficient moisture in atmosphere there may be chances of white rust in mustard, late blight in tomato and potato, so farmers should vigil the field and take proper plant protection measures in the upcoming dry days.

Pulses:

Start sowing of pulses drought resistance short duration varieties (Green gram- IPM 02-03, IPM 02-14, Virat, kamdev, Durga and Black gram- PU-31, IPU-2-43, Prasad, Ujala) by utilization of residual soil moisture. If moisture is insufficient go for irrigation as dry weather is forecasted in coming 5 days. 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 1 ml dichlorvos 76%EC per litre of water @200 litres per acre during afternoon. Spray 2 ml. Dimethoate or Metacystox per litre water to control aphid. 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 leaf miner spray Neem Based Pesticide (Azadirachtin) 300 PPM @ 1-litre /acre during primary stage of infestation. To manage chemically spray Profenophos 50% EC @ 400 ml/acre or Chlorpyrifos 50% + Cypermethrin 5 % E.C @ 400 ml/acre by mixing it in 200 -litre of water.

Mustard:

The mustard is at 15 to 20 days stage. Go for hoeing and weeding followed by irrigation. Thin out the plants and maintain optimum plant population. **Due to foggy weather,** There may be chances of white rust disease in Mustard, to control spray Metalaxyl 2g/liter of water. 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.

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.
- 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 emamectinbenzoate 5% SG 80gm or indoxacarb14.5% 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.
- **POTATO:**
Due to foggy and cold weather, there are chances of early/late leaf Blight disease incidence in potato crop. To manage leaf blight in potato, spray Mancozeb 75% WP @600 gram/acre or Carbendazim 12% + Mancozeb 63% W.P @ 400-gram/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.

Animal husbandry:

- The poultry birds should be protected from cold injury using electric bulb. Animals should be given mineral mixture along with salt regularly and wheat grains, jaggery etc. may be provided @ 10%- 20% in the daily ration during winter season to meet the energy requirement of the animals.

DrRanjan Kumar Mohanta
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Bulletin No.-475

Date- 02/02/2024

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

The block received average 0mm&district received average 0mmrainfall during the last week. The mean daily maximum and minimum temperature was **27.82°C** and **15.71°C**, respectively. Mean relative humidity of the district was around 68-87%.

Forecasted period: Today(8.30IST) to 7th February (8.30IST)2024

Weatheradvisory: *Very light rainfall for today and Dry weather is forecasted for next 4 days in the block.* The day temperature will be 30-32°C and night temperature will be 16-18°Cfor upcoming 5 days. Maximum and minimum relative humidity will be 75-97% and 23-33% respectively. There will be clear to partly cloudyskyfor next 5days.

Block	Narasinghpur(VAID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	02/02/2024	03/02/2024	04/02/2024	05/02/2024	06/02/2024
Rainfall(mm)	1	0	0	0	0
T-Max(°C)	31	31	32	30	32
T-Min(°C)	18	16	17	16	16
Cloud Cover(/octa)	3	2	0	0	1
RH Max (%)	75	95	92	97	94
RH Min (%)	33	28	23	28	27
Wind Speed (Kmph)	4	4	4	8	8
Wind Direction (deg)	18	162	155	162	195

Agromet Advisory

General Advisory: *In view of anticipated foggy weather/presence of sufficient moisture in atmosphere there may be chances of white rust in mustard, late blight in tomato and potato, so farmers should vigil the field and take proper plant protection measures in the upcoming dry days.*

Pulses:

Start sowing of pulses drought resistance short duration varieties (Green gram- IPM 02-03, IPM 02-14, Virat, kamdev, Durga and Black gram- PU-31, IPU-2-43, Prasad, Ujala) by utilization of residual soil moisture. If moisture is insufficient go for irrigation as dry weather is forecasted in coming 5 days. 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 1 ml dichlorvos 76%EC per litre of water @200 litres per acre during afternoon. Spray 2 ml. Dimethoate or Metacystox per litre water to control aphid. 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 leaf miner spray Neem Based Pesticide (Azadirachtin) 300 PPM @ 1-litre /acre during primary stage of infestation. To manage chemically spray Profenophos 50% EC @ 400 ml/acre or Chlorpyrifos 50% + Cypermethrin 5 % E.C @ 400 ml/acre by mixing it in 200 -litre of water.

Mustard:

The mustard is at 15 to 20 days stage. Go for hoeing and weeding followed by irrigation. Thin out the plants and maintain optimum plant population. **Due to foggy weather,** There may be chances of white rust disease in Mustard, to control spray Metalaxyl 2g/liter of water. 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.

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.
- 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 emamectinbenzoate 5% SG 80gm or indoxacarb14.5% 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.

POTATO:

Due to foggy and cold weather, there are chances of early/late leaf Blight disease incidence in potato crop. To manage leaf blight in potato, sprayMancozeb 75% WP @600 gram/acre or Carbendazim 12% + Mancozeb 63% W.P @ 400-gram/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.

Animal husbandry:

- The poultry birds should be protected from cold injury using electric bulb. Animals should be given mineral mixture along with salt regularly and wheat grains, jaggery etc. may be provided @ 10%- 20% in the daily ration during winter season to meet the energy requirement of the animals.

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Bulletin No.-475
Date- 02/02/2024

AGROMET ADVISORY BULLETIN FOR NIALI

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

The block received average 0mm&district received average 0mmrainfall during the last week. The mean daily maximum and minimum temperature was **27.82°C** and **15.71°C**, respectively. Mean relative humidity of the district was around 68-87%.

Forecasted period: Today(8.30IST) to 7th February (8.30IST)2024

Weatheradvisory: *Very light rainfall for today and Dry weather is forecasted for next 4 days in the block.* The day temperature will be **30°C** and night temperature will be **19-21°C**for upcoming 5 days. Maximum and *minimum* relative humidity will be 84-91% and 43-46% respectively. **There will be clear to partly cloudy**skyfor next 5days.

Block	Niali(VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	02/02/2024	03/02/2024	04/02/2024	05/02/2024	06/02/2024
Rainfall(mm)	2	0	0	0	0
T-Max(°C)	30	30	30	30	30
T-Min(°C)	21	19	19	19	20
Cloud Cover(octa)	2	1	0	0	0
RH Max (%)	84	91	86	88	86
RH Min (%)	45	45	43	45	46
Wind Speed(Kmph)	10	8	10	12	16
Wind Direction(deg)	203	158	167	167	203

Agromet Advisory

General Advisory: *In view of anticipated foggy weather/presence of sufficient moisture in atmosphere there may be chances of white rust in mustard, late blight in tomato and potato, so farmers should vigil the field and take proper plant protection measures in the upcoming dry days.*

Pulses:

Start sowing of pulses drought resistance short duration varieties (Green gram- IPM 02-03, IPM 02-14, Virat, kamdev, Durga and Black gram- PU-31, IPU-2-43, Prasad, Ujala) by utilization of residual soil moisture. If moisture is insufficient go for irrigation as dry weather is forecasted in coming 5 days. 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 1 ml dichlorvos 76%EC per litre of water @200 litres per acre during afternoon. Spray 2 ml. Dimethoate or Metacystox per litre water to control **aphid**. 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 **leaf miner** spray Neem Based Pesticide (Azadirachtin) 300 PPM @ 1-litre /acre during primary stage of infestation. To manage chemically spray Profenophos 50% EC @ 400 ml/acre or Chlorpyrifos 50% + Cypermethrin 5 % E.C @ 400 ml/acre by mixing it in 200 -litre of water.

Mustard:

The mustard is at 15 to 20 days stage. Go for hoeing and weeding followed by irrigation. Thin out the plants and maintain optimum plant population. **Due to foggy weather**, There may be chances of **white rust** disease in Mustard, to control spray Metalaxyl 2g/liter of water. 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.

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.
- 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 emamectinbenzoate 5% SG 80gm or indoxacarb14.5% 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.
- **POTATO:**
Due to foggy and cold weather, there are chances of early/late leaf Blight disease incidence in potato crop. To manage **leaf blight** in potato, sprayMancozeb 75% WP @600 gram/acre or Carbendazim 12% + Mancozeb 63% W.P @ 400-gram/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.

Animal husbandry:

The poultry birds should be protected from cold injury using electric bulb. Animals should be given mineral mixture along with salt regularly and wheat grains, jaggery etc. may be provided @ 10%- 20% in the daily ration during winter season to meet the energy requirement of the animals.

DrRanjan Kumar Mohanta
(Nodal officer)



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**GRAMIN KRISHIMAUSAM SEWA
INDIA METEOROLOGICAL DEPARTMENT
DISTRICT AGROMET UNIT
KRISHI VIGYAN KENDRA CUTTACK**

(A Unit of ICAR-National Rice Research Institute)

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AGROMET ADVISORY BULLETIN FOR NISCHINTAKOILI



Bulletin No.-475

Date- 02/02/2024

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

The block received average 0mm&district received average 0mmrainfall during the last week. The mean daily maximum and minimum temperature was **27.82°C** and **15.71°C** respectively. Mean relative humidity of the district was around 68-87%.

Forecasted period: Today(8.30IST) to 7th February (8.30IST)2024

Weatheradvisory:; *Very light rainfall for today and Dry weather is forecasted for next 4 days in the block.* The day temperature will be **30-31°C** and night temperature will be **19-20°C**for upcoming 5 days. Maximum and minimum relative humidity will be 84-93% and 35-41% respectively. **There will be clear to partly cloudyskyfor next 5days.**

Block	Nischintakoili(VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	02/02/2024	03/02/2024	04/02/2024	05/02/2024	06/02/2024
Rainfall(mm)	1	0	0	0	0
T-Max(°C)	31	30	30	30	31
T-Min(°C)	20	19	19	19	19
Cloud Cover(octa)	3	1	1	1	0
RH Max (%)	84	93	87	91	90
RH Min (%)	38	38	35	40	41
Wind Speed (Kmph)	7	7	8	11	14
Wind Direction (deg)	210	105	167	158	193

Agromet Advisory

General Advisory: *In view of anticipated foggy weather/presence of sufficient moisture in atmosphere there may be chances of white rust in mustard, late blight in tomato and potato, so farmers should vigil the field and take proper plant protection measures in the upcoming dry days.*

Pulses:

Start sowing of pulses drought resistance short duration varieties (Green gram- IPM 02-03, IPM 02-14, Virat, kamdev, Durga and Black gram- PU-31, IPU-2-43, Prasad, Ujala) by utilization of residual soil moisture. If moisture is insufficient go for irrigation as dry weather is forecasted in coming 5 days. 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 1 ml dichlorvos 76%EC per litre of water @200 litres per acre during afternoon. Spray 2 ml. Dimethoate or Metacystox per litre water to control **aphid**. 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 **leaf miner** spray Neem Based Pesticide (Azadirachtin) 300 PPM @ 1-litre /acre during primary stage of infestation. To manage chemically spray Profenophos 50% EC @ 400 ml/acre or Chlorpyrifos 50% + Cypermethrin 5 % E.C @ 400 ml/acre by mixing it in 200 -litre of water.

Mustard:

The mustard is at 15 to 20 days stage. Go for hoeing and weeding followed by irrigation. Thin out the plants and maintain optimum plant population. **Due to foggy weather,** There may be chances of **white rust** disease in Mustard, to control spray Metalaxyl 2g/liter of water. 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.

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.
- 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 emamectinbenzoate 5% SG 80gm or indoxacarb14.5% 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.

POTATO:

Due to foggy and cold weather, there are chances of early/late leaf Blight disease incidence in potato crop. To manage **leaf blight** in potato, sprayMancozeb 75% WP @600 gram/acre or Carbendazim 12% + Mancozeb 63% W.P @ 400-gram/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.

Animal husbandry:

- The poultry birds should be protected from cold injury using electric bulb. Animals should be given mineral mixture along with salt regularly and wheat grains, jaggery etc. may be provided @ 10%- 20% in the daily ration during winter season to meet the energy requirement of the animals.

DrRanjan Kumar Mohanta
(Nodal officer)



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Bulletin No.-475
Date- 02/02/2024

AGROMET ADVISORY BULLETIN FOR SALEPUR

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

The block received average 0mm&district received average 0mmrainfall during the last week. The mean daily maximum and minimum temperature was **27.82°C** and **15.71°C**, respectively. Mean relative humidity of the district was around 68-87%.

Forecasted period: Today(8.30IST) to 7th February (8.30IST)2024

Weather advisory: *Very light rainfall for today and Dry weather is forecasted for next 4 days in the block.* The day temperature will be **30-31°C** and night temperature will be **19-20°C**for upcoming 5 days. Maximum and minimum relative humidity will be 84-94% and 33-40% respectively. **There will be clear to partly cloudy for next 5days.**

Block	Salepur(VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	02/02/2024	03/02/2024	04/02/2024	05/02/2024	06/02/2024
Rainfall(mm)	1	0	0	0	0
T-Max(°C)	31	30	30	30	31
T-Min(°C)	20	19	19	19	19
Cloud Cover(octa)	3	2	1	1	0
RH Max (%)	84	94	88	91	90
RH Min (%)	38	37	33	39	40
Wind Speed (Kmph)	7	7	8	11	14
Wind Direction (deg)	225	105	167	159	193

Agromet Advisory

General Advisory: *In view of anticipated foggy weather/presence of sufficient moisture in atmosphere there may be chances of white rust in mustard, late blight in tomato and potato, so farmers should vigil the field and take proper plant protection measures in the upcoming dry days.*

Pulses:

Start sowing of pulses drought resistance short duration varieties (Green gram- IPM 02-03, IPM 02-14, Virat, kamdev, Durga and Black gram- PU-31, IPU-2-43, Prasad, Ujala) by utilization of residual soil moisture. If moisture is insufficient go for irrigation as dry weather is forecasted in coming 5 days. 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 1 ml dichlorvos 76%EC per litre of water @200 litres per acre during afternoon. Spray 2 ml. Dimethoate or Metacystox per litre water to control **aphid**. 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 **leaf miner** spray Neem Based Pesticide (Azadirachtin) 300 PPM @ 1-litre /acre during primary stage of infestation. To manage chemically spray Profenophos 50% EC @ 400 ml/acre or Chlorpyrifos 50% + Cypermethrin 5 % E.C @ 400 ml/acre by mixing it in 200 -litre of water.

Mustard:

The mustard is at 15 to 20 days stage. Go for hoeing and weeding followed by irrigation. Thin out the plants and maintain optimum plant population. **Due to foggy weather,** There may be chances of **white rust** disease in Mustard, to control spray Metalaxyl 2g/liter of water. 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.

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.
- 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 emamectinbenzoate 5% SG 80gm or indoxacarb14.5% 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.
- **POTATO:**
Due to foggy and cold weather, there are chances of early/late leaf Blight disease incidence in potato crop. To manage **leaf blight** in potato, spray Mancozeb 75% WP @600 gram/acre or Carbendazim 12% + Mancozeb 63% W.P @ 400-gram/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.

Animal husbandry:

- The poultry birds should be protected from cold injury using electric bulb. Animals should be given mineral mixture along with salt regularly and wheat grains, jaggery etc. may be provided @ 10%- 20% in the daily ration during winter season to meet the energy requirement of the animals.

DrRanjan Kumar Mohanta
(Nodal officer)



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Bulletin No.-475

Date- 02/02/2024

AGROMET ADVISORY BULLETIN FOR TANGI-CHOUDWAR

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

The block received average 0mm&district received average 0mmrainfall during the last week. The mean daily maximum and minimum temperature was **27.82°C** and **15.71°C**, respectively. Mean relative humidity of the district was around 68-87%.

Forecasted period: Today(8.30IST) to 7th February (8.30IST)2024

Weatheradvisory:: *Very light rainfall for today and Dry weather is forecasted for next 4 days in the block.* The day temperature will be 29-30°C and night temperature will be 22-24°Cfor upcoming 5 days. Maximum and minimum relative humidity will be 83-87% and 52-54% respectively. **There will be clear to partly cloudyskyfor next 5days.**

Block	Tangi-Choudwar(VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	02/02/2024	03/02/2024	04/02/2024	05/02/2024	06/02/2024
Rainfall(mm)	2	0	0	0	0
T-Max(°C)	30	29	30	30	30
T-Min(°C)	23	22	23	23	24
Cloud Cover(octa)	2	2	0	0	0
RH Max (%)	84	87	83	85	87
RH Min (%)	54	54	52	52	54
Wind Speed (Kmph)	11	9	10	12	16
Wind Direction (deg)	205	113	167	161	180

Agromet Advisory

General Advisory: *In view of anticipated foggy weather/presence of sufficient moisture in atmosphere there may be chances of white rust in mustard, late blight in tomato and potato, so farmers should vigil the field and take proper plant protection measures in the upcoming dry days.*

Pulses:

Start sowing of pulses drought resistance short duration varieties (Green gram- IPM 02-03, IPM 02-14, Virat, kamdev, Durga and Black gram- PU-31, IPU-2-43, Prasad, Ujala) by utilization of residual soil moisture. If moisture is insufficient go for irrigation as dry weather is forecasted in coming 5 days. 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 1 ml dichlorvos 76%EC per litre of water @200 litres per acre during afternoon. Spray 2 ml. Dimethoate or Metacystox per litre water to control **aphid**. 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/lt or Acetamipride@0.2gm/lt.

Rabi-Groundnut:

Farmers are advised to do intercultivation and apply Gypsum @200 kg/ acre in Groundnut which is at flowering stage. To manage **leaf miner** spray Neem Based Pesticide (Azadirachtin) 300 PPM @ 1-litre /acre during primary stage of infestation. To manage chemically spray Profenophos 50% EC @ 400 ml/acre or Chlorpyrifos 50% + Cypermethrin 5 % E.C @ 400 ml/acre by mixing it in 200 -litre of water.

Mustard:

The mustard is at 15 to 20 days stage. Go for hoeing and weeding followed by irrigation. Thin out the plants and maintain optimum plant population. **Due to foggy weather,** There may be chances of **white rust** disease in Mustard, to control spray Metalaxyl 2g/liter of water. 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.

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.
- 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 emamectinbenzoate 5% SG 80gm or indoxacarb14.5% 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.
- **POTATO:**
Due to foggy and cold weather, there are chances of early/late leaf Blight disease incidence in potato crop. To manage **leaf blight** in potato, sprayMancozeb 75% WP @600 gram/acre or Carbendazim 12% + Mancozeb 63% W.P @ 400-gram/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.

Animal husbandry:

The poultry birds should be protected from cold injury using electric bulb. Animals should be given mineral mixture along with salt regularly and wheat grains, jaggery etc. may be provided @ 10%- 20% in the daily ration during winter season to meet the energy requirement of the animals.

DrRanjan Kumar Mohanta
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Bulletin No.-475
Date- 02/02/2024

AGROMET ADVISORY BULLETIN FOR TIGIRIA

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

The block received average 0mm&district received average 0mmrainfall during the last week. The mean daily maximum and minimum temperature was **27.82°C** and **15.71°C**, respectively. Mean relative humidity of the district was around 68-87%.

Forecasted period: Today(8.30IST) to 7th February (8.30IST)2024

Weatheradvisory: *Very light rainfall for today and Dry weather is forecasted for next 4 days in the block.* The day temperature will be 30-32°C and night temperature will be 18-19°Cfor upcoming 5 days. Maximum and minimum relative humidity will be 78-95% and 25-34% respectively. There will be clear to partly cloudy sky for next 5days.

Block	Tigiria(VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	02/02/2024	03/02/2024	04/02/2024	05/02/2024	06/02/2024
Rainfall(mm)	1	0	0	0	0
T-Max(°C)	31	30	31	30	32
T-Min(°C)	19	18	18	18	18
Cloud Cover(octa)	3	2	0	0	2
RH Max (%)	78	94	91	95	94
RH Min (%)	34	33	25	32	32
Wind Speed (Kmph)	5	6	7	12	12
Wind Direction (deg)	27	158	158	159	165

Agro met Advisory

General Advisory: *In view of anticipated foggy weather/presence of sufficient moisture in atmosphere there may be chances of white rust in mustard, late blight in tomato and potato, so farmers should vigil the field and take proper plant protection measures in the upcoming dry days.*

Pulses:

Start sowing of pulses drought resistance short duration varieties (Green gram- IPM 02-03, IPM 02-14, Virat, kamdev, Durga and Black gram- PU-31, IPU-2-43, Prasad, Ujala) by utilization of residual soil moisture. If moisture is insufficient go for irrigation as dry weather is forecasted in coming 5 days. 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 1 ml dichlorvos 76%EC per litre of water @200 litres per acre during afternoon. Spray 2 ml. Dimethoate or Metacystox per litre water to control **aphid**. 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 **leaf miner** spray Neem Based Pesticide (Azadirachtin) 300 PPM @ 1-litre /acre during primary stage of infestation. To manage chemically spray Profenophos 50% EC @ 400 ml/acre or Chlorpyrifos 50% + Cypermethrin 5 % E.C @ 400 ml/acre by mixing it in 200 -litre of water.

Mustard:

The mustard is at 15 to 20 days stage. Go for hoeing and weeding followed by irrigation. Thin out the plants and maintain optimum plant population. **Due to foggy weather**, There may be chances of **white rust** disease in Mustard, to control spray Metalaxyl 2g/liter of water. 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.

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.
- 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 emamectinbenzoate 5% SG 80gm or indoxacarb14.5% 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.
- **POTATO:**

Due to foggy and cold weather, there are chances of early/late leaf Blight disease incidence in potato crop. To manage **leaf blight** in potato, sprayMancozeb 75% WP @600 gram/acre or Carbendazim 12% + Mancozeb 63% W.P @ 400-gram/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.

Animal husbandry:

The poultry birds should be protected from cold injury using electric bulb. Animals should be given mineral mixture along with salt regularly and wheat grains, jaggery etc. may be provided @ 10%- 20% in the daily ration during winter season to meet the energy requirement of the animals.

DrRanjan Kumar Mohanta
(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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MEGHDOOT APP	DAMINI APP	FACEBOOK (Damu Cuttack)	BLOCK SPECIFIC WHAT'S APP GROUPS	@DAMUCUTTACK


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

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

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

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

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

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