



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



Bulletin No-63
Date-14.02.2020

E-mail: kvkcuttack@gmail.com
AGROMET ADVISORY BULLETIN FOR ATHAGAD

District Past week weather condition

The district received 09 mm rainfall during the last week. The mean daily maximum and minimum temperature was 26°C and 13°C, respectively. Relative humidity of the district was around 67-83%. According to NDVI map the *agriculture vigor was moderate over few pockets, whereas according to SPI value (cumulative 4weeks-16 January 2020 to 12 February2020), mildly wet condition was there.*

Forecasted period: 15th February 2020 to 19th February 2020

General Advisory: No rainfall is forecasted for upcoming 5 days. The day temperature will 33-34°C and night temperature will be 17-18°C for upcoming 5 days. Maximum and minimum relative humidity will be 51-96% and 17-26% respectively. There will be mainly clear sky for next 5 days. *As weather will likely to dry for next 5 days, farmers should harvest the matured crops and vegetables. They should plan for irrigation to crops observing soil moisture in the field.*

Block	Athagad				
Date	15/02/2020	16/02/2020	17/02/2020	18/02/2020	19/02/2020
Rainfall (mm)	0	0	0	0	0
T-Max (°C)	33	33	34	33	34
T-Min (°C)	17	17	18	17	17
Cloud Cover (octa)	1	0	0	0	0
RH Max (%)	51	93	96	93	95
RH Min (%)	19	17	21	26	20
Wind Speed (kmph)	10	8	5	7	8
Wind Direction (deg)	300	349	150	167	165

Agromet Advisory

Pulses:

- **Aphids** may infest the crop. Spray 60ml imidacloprid 17.8%SL or 50ml thiomethaxome 25%WG mixing with 200lit of water per acre crop area. **Leaf eating caterpillar** feeds on the young tender leaves. Spray fipronil 5% SL 400ml or indoxacarb14.5% SC 200ml mixing in 200lit of water per acre crop.
- Spray 3 g Sulfex or 1 ml Propiconazole 10% EC or 1 ml Tebiconazole 25.9%EC per litre water for controlling **Powdery mildew**.
- Post emergent application of Quisalofof ethyl may be done to avoid the weeds.

Oil Seeds:

- **Mustard:** In present weather condition **aphid** may be found in mustard crop. If observe spray the crop with Dimethoate 30% EC 2 ml/litre water in sunny days. Spraying must be done in the afternoon hours to save honeybees.
- Due to fluctuation in differential of day and night temperature, there is possibility of attack of **Tobacco caterpillar (Spodoptera litura)**. The forecasted weather is also favourable for its proliferation. Use Pheromone trap using Spodo lure to monitor adult population of the insect. Go for need based spraying of Lambda cyhalothrin 4.9CS@300ml/acre over the crop.
- **Groundnut:** The current temperature may favour the infestation of thrips in groundnut. If observe spray Dimethoate 30% EC @ 2 ml/litre of water.

- If **Collar rot** reported in groundnut field, to control it spray Carbendazin 12% + Mancozeb 63% WP @ 2 g/litre of water.
- Go for weeding after 3-4 weeks for early sown rabi groundnut, apply well powdered gypsum @ 100 kg/acre close to the base of the plant and incorporate in the soil. After application irrigate the crop.

Vegetables: If **Bacterial wilt** will occur in brinjal and tomato. To control them, drench with copper oxychloride @ 3g+ plantomycin @1 g/ litre of water.

- Cloudy weather during the last week favours the infestation of aphid in beans. Spray 2 ml Dimethoate or Methyle demeton per litre water.
- Increased humidity may favour the infestation of **blight**. Spray 20 g Copper Oxy chloride and along with 10 g Plantomycin in 10 litre water.

Tomato: The tomato crops are at flowering to fruiting stage (five to seven week) in main field. Go for hoeing, weeding and apply 54kg urea per acre and complete earthing up at six to seven week stage. Provide irrigation as per need. White fly infestation occurs at this stage. Spray Acephate 75% SP 400g or imidacloprid 17.8% SL 50ml or thiomethaxome 25%WG 60g or buprofezin 25%SC 400 ml or flonicamide 50% WG 80g.

Cabbage and Cauliflower: In case of **Diamond back moth** in cole crops like cabage, cauliflower, go for application of 80 ml spinosad 14.5 SC in 200 litre water/ acre. **Leaf eating caterpillar** and **fruit borer** may infest the crops. Spray fipronil 5% SL 400ml or emamectinbenzoate 5% SG 80gm or indoxacarb14.5% SC 200ml mixing in 200lit of water per acre crop.

- To control **hollow stem** in cabbage and cauliflower, Apply recommended dust of Nitrogen fertilizer along with 4-6 kg of Borax/acre as basal.

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.

Dr.Dilip Ranjan Sarangi
(Nodal officer)

Debasish Jena
SMS (Agrometeorology)
Contact No-9861445080/7008453427



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Bulletin No-63
Date-14.02.2020

AGROMET ADVISORY BULLETIN FOR BADAMBBA

The district received 09 mm rainfall during the last week. The mean daily maximum and minimum temperature was 26°C and 13°C, respectively. Relative humidity of the district was around 67-83%. *According to NDVI map the agriculture vigor was moderate over few pockets, whereas according to SPI value (cumulative 4weeks-16 January 2020 to 12 February 2020), mildly wet condition was there.*

Forecasted period: 15th February 2020 to 19th February 2020

General Advisory: No rainfall is forecasted for upcoming 5 days. The day temperature will 33-34°C and night temperature will be 16-17°C for upcoming 5 days. Maximum and minimum relative humidity will be 50-96% and 17-25% respectively. There will be mainly clear sky for next 5 days. *As weather will likely to dry for next 5 days, farmers should harvest the matured crops and vegetables. They should plan for irrigation to crops observing soil moisture in the field.*

Block	Badamba				
Date	15/02/2020	16/02/2020	17/02/2020	18/02/2020	19/02/2020
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	33	33	34	33	34
T-Min(°C)	16	16	17	16	16
Cloud Cover(octa)	0	0	0	0	0
RH Max (%)	50	79	96	93	96
RH Min (%)	17	17	19	25	18
Wind Speed (Kmph)	9	7	4	6	6
Wind Direction (deg)	288	349	146	180	198

Agromet Advisory

Pulses:

- Aphids** may infest the crop. Spray 60ml imidacloprid 17.8%SL or 50ml thiomethaxome 25%WG mixing with 200lit of water per acre crop area. **Leaf eating caterpillar** feeds on the young tender leaves. Spray fipronil 5% SL 400ml or indoxacarb14.5% SC 200ml mixing in 200lit of water per acre crop.
- Spray 3 g Sulfex or 1 ml Propiconazole 10% EC or 1 ml Tebiconazole 25.9%EC per litre water for controlling **Powdery mildew**.
- Post emergent application of Quizalofop ethyl may be done to avoid the weeds.

Oil Seeds:

- Mustard:** In present weather condition **aphid** may be found in mustard crop. If observe spray the crop with Dimethoate 30% EC 2 ml/litre water in sunny days. Spraying must be done in the afternoon hours to save honeybees.
- Due to fluctuation in differential of day and night temperature, there is possibility of attack of **Tobacco caterpillar (Spodoptera litura)**. The forecasted weather is also favourable for its proliferation. Use Pheromone trap using Spodo lure to monitor adult population of the insect. Go for need based spraying of Lambda cyhalothrin 4.9CS@300ml/acre over the crop.
- Groundnut:** The current temperature may favour the infestation of thrips in groundnut. If observe spray Dimethoate 30% EC @ 2 ml/litre of water.
- If **Collar rot** reported in groundnut field, to control it spray Carbendazin 12% + Mancozeb 63% WP @ 2 g/litre of water.
- Go for weeding after 3-4 weeks for early sown rabi groundnut, apply well powdered gypsum @ 100 kg/acre close to the base of the plant and incorporate in the soil. After application irrigate the crop.

Vegetables: If **Bacterial wilt** will occur in brinjal and tomato. To control them, drench with copper oxychloride @ 3g+ plantomycin @ 1 g/ litre of water.

- Cloudy weather during the last week favours the infestation of aphid in beans. Spray 2 ml Dimethoate or Methyle demeton per litre water.
- Increased humidity may favour the infestation of **blight**. Spray 20 g Copper Oxy chloride and along with 10 g Plantomycin in 10 litre water.
- Tomato:** The tomato crops are at flowering to fruiting stage (five to seven week) in main field. Go for hoeing, weeding and apply 54kg urea per acre and complete earthing up at six to seven week stage. Provide irrigation as per need. White fly infestation occurs at this stage. Spray Acephate 75% SP 400g or imidacloprid 17.8% SL 50ml or thiomethaxome 25%WG 60g or buprofezin 25%SC 400 ml or flonicamide 50% WG 80g.

Cabbage and Cauliflower: In case of **Diamond back moth** in cole crops like cabbage, cauliflower, go for application of 80 ml spinosad 14.5 SC in 200 litre water/ acre. **Leaf eating caterpillar** and **fruit borer** may infest the crops. Spray fipronil 5% SL 400ml or emamectinbenzoate 5% SG 80gm or indoxacarb14.5% SC 200ml mixing in 200lit of water per acre crop.

- To control **hollow stem** in cabbage and cauliflower, Apply recommended dust of Nitrogen fertilizer along with 4-6 kg of Borax/acre as basal.

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.

Dr.Dilip Ranjan Sarangi
(Nodal officer)

Debasish Jena
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Bulletin No-63
Date-14.02.2020

AGROMET ADVISORY BULLETIN FOR BANKI

District Past week weather condition

The district received 09 mm rainfall during the last week. The mean daily maximum and minimum temperature was 26°C and 13°C, respectively. Relative humidity of the district was around 67-83%. *According to NDVI map the agriculture vigor was moderate over few pockets, whereas according to SPI value (cumulative 4weeks-16 January 2020 to 12 February 2020), mildly wet condition was there.*

Forecasted period: 15th February 2020 to 19th February 2020

General Advisory: No rainfall is forecasted for upcoming 5 days. The day temperature will 33-34°C and night temperature will be 16-17°C for upcoming 5 days. Maximum and minimum relative humidity will be 54-95% and 17-28% respectively. There will be mainly clear sky for next 5 days. *As weather will likely to dry for next 5 days, farmers should harvest the matured crops and vegetables. They should plan for irrigation to crops observing soil moisture in the field.*

Block	Banki				
Date	15/02/2020	16/02/2020	17/02/2020	18/02/2020	19/02/2020
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	33	33	34	33	34
T-Min(°C)	17	16	17	17	16
Cloud Cover(octa)	1	0	0	0	0
RH Max (%)	54	89	95	93	95
RH Min (%)	17	17	20	28	21
Wind Speed (Kmph)	10	7	6	8	9
Wind Direction (deg)	300	349	154	198	206

Agromet Advisory

Pulses:

- Aphids** may infest the crop. Spray 60ml imidacloprid 17.8%SL or 50ml thiomethaxome 25%WG mixing with 200lit of water per acre crop area. **Leaf eating caterpillar** feeds on the young tender leaves. Spray fipronil 5% SL 400ml or indoxacarb14.5% SC 200ml mixing in 200lit of water per acre crop.
- Spray 3 g Sulfex or 1 ml Propiconazole 10% EC or 1 ml Tebiconazole 25.9%EC per litre water for controlling **Powdery mildew**.
- Post emergent application of Quizalofop ethyl may be done to avoid the weeds.

Oil Seeds:

- Mustard:** In present weather condition **aphid** may be found in mustard crop. If observe spray the crop with Dimethoate 30% EC 2 ml/litre water in sunny days. Spraying must be done in the afternoon hours to save honeybees.
- Due to fluctuation in differential of day and night temperature, there is possibility of attack of **Tobacco caterpillar (Spodoptera litura)**. The forecasted weather is also favourable for its proliferation. Use Pheromone trap using Spodo lure to monitor adult population of the insect. Go for need based spraying of Lambda cyhalothrin 4.9CS@300ml/acre over the crop.
- Groundnut:** The current temperature may favour the infestation of thrips in groundnut. If observe spray Dimethoate 30% EC @ 2 ml/litre of water.
- If **Collar rot** reported in groundnut field, to control it spray Carbendazin 12% + Mancozeb 63% WP @ 2 g/litre of water.
- Go for weeding after 3-4 weeks for early sown rabi groundnut, apply well powdered gypsum @ 100 kg/acre close to the base of the plant and incorporate in the soil. After application irrigate the crop.

Vegetables: If **Bacterial wilt** will occur in brinjal and tomato. To control them, drench with copper oxychloride @ 3g+ plantomycin @ 1 g/ litre of water.

- Cloudy weather during the last week favours the infestation of aphid in beans. Spray 2 ml Dimethoate or Methyle demeton per litre water.
- Increased humidity may favour the infestation of **blight**. Spray 20 g Copper Oxy chloride and along with 10 g Plantomycin in 10 litre water.
- Tomato:** The tomato crops are at flowering to fruiting stage (five to seven week) in main field. Go for hoeing, weeding and apply 54kg urea per acre and complete earthing up at six to seven week stage. Provide irrigation as per need. White fly infestation occurs at this stage. Spray Acephate 75% SP 400g or imidacloprid 17.8% SL 50ml or thiomethaxome 25%WG 60g or buprofezin 25%SC 400 ml or flonicamide 50% WG 80g.

Cabbage and Cauliflower: In case of **Diamond back moth** in cole crops like cabage, cauliflower, go for application of 80 ml spinosad 14.5 SC in 200 litre water/ acre. **Leaf eating caterpillar** and **fruit borer** may infest the crops. Spray fipronil 5% SL 400ml or emamectinbenzoate 5% SG 80gm or indoxacarb14.5% SC 200ml mixing in 200lit of water per acre crop.

- To control **hollow stem** in cabbage and cauliflower, Apply recommended dust of Nitrogen fertilizer along with 4-6 kg of Borax/acre as basal.

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.

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(Nodal officer)

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Date-14.02.2020

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AGROMET ADVISORY BULLETIN FOR BANKI-
DAMPARA

District Past week weather condition

The district received 09 mm rainfall during the last week. The mean daily maximum and minimum temperature was 26°C and 13°C, respectively. Relative humidity of the district was around 67-83%. *According to NDVI map the agriculture vigor was moderate over few pockets, whereas according to SPI value (cumulative 4weeks-16 January 2020 to 12 February 2020), mildly wet condition was there.*

Forecasted period: 15th February 2020 to 19th February 2020

General Advisory: No rainfall is forecasted for upcoming 5 days. The day temperature will 33-34°C and night temperature will be 16-17°C for upcoming 5 days. Maximum and minimum relative humidity will be 55-95% and 17-29% respectively. There will be mainly clear sky for next 5 days. *As weather will likely to dry for next 5 days, farmers should harvest the matured crops and vegetables. They should plan for irrigation to crops observing soil moisture in the field.*

Block	Banki-Dampara				
Date	15/02/2020	16/02/2020	17/02/2020	18/02/2020	19/02/2020
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	33	33	34	33	34
T-Min(°C)	17	16	17	17	17
Cloud Cover(octa)	1	0	0	0	0
RH Max (%)	55	90	95	93	95
RH Min (%)	17	17	21	29	21
Wind Speed (Kmph)	10	7	6	8	9
Wind Direction (deg)	300	349	158	198	206

Agromet Advisory

Pulses:

- Aphids** may infest the crop. Spray 60ml imidacloprid 17.8%SL or 50ml thiomethaxome 25%WG mixing with 200lit of water per acre crop area. **Leaf eating caterpillar** feeds on the young tender leaves. Spray fipronil 5% SL 400ml or indoxacarb14.5% SC 200ml mixing in 200lit of water per acre crop.
- Spray 3 g Sulfex or 1 ml Propiconazole 10% EC or 1 ml Tebiconazole 25.9%EC per litre water for controlling **Powdery mildew**.
- Post emergent application of Quisalofof ethyl may be done to avoid the weeds.

Oil Seeds:

- Mustard:** In present weather condition **aphid** may be found in mustard crop. If observe spray the crop with Dimethoate 30% EC 2 ml/litre water in sunny days. Spraying must be done in the afternoon hours to save honeybees.
- Due to fluctuation in differential of day and night temperature, there is possibility of attack of **Tobacco caterpillar (Spodoptera litura)**. The forecasted weather is also favourable for its proliferation. Use Pheromone trap using Spodo lure to monitor adult population of the insect. Go for need based spraying of Lambda cyhalothrin 4.9CS@300ml/acre over the crop.
- Groundnut:** The current temperature may favour the infestation of thrips in groundnut. If observe spray Dimethoate 30% EC @ 2 ml/litre of water.
- If **Collar rot** reported in groundnut field, to control it spray Carbendazin 12% + Mancozeb 63% WP @ 2 g/litre of water.
- Go for weeding after 3-4 weeks for early sown rabi groundnut, apply well powdered gypsum @ 100 kg/acre close to the base of the plant and incorporate in the soil. After application irrigate the crop.

Vegetables: If **Bacterial wilt** will occur in brinjal and tomato. To control them, drench with copper oxychloride @ 3g+ plantomycin @1 g/ litre of water.

- Cloudy weather during the last week favours the infestation of aphid in beans. Spray 2 ml Dimethoate or Methyle demeton per litre water.
- Increased humidity may favour the infestation of **blight**. Spray 20 g Copper Oxy chloride and along with 10 g Plantomycin in 10 litre water.

Tomato: The tomato crops are at flowering to fruiting stage (five to seven week) in main field. Go for hoeing, weeding and apply 54kg urea per acre and complete earthing up at six to seven week stage. Provide irrigation as per need. White fly infestation occurs at this stage. Spray Acephate 75% SP 400g or imidacloprid 17.8% SL 50ml or thiomethaxome 25%WG 60g or buprofezin 25%SC 400 ml or flonicamide 50% WG 80g.

Cabbage and Cauliflower: In case of **Diamond back moth** in cole crops like cabage, cauliflower, go for application of 80 ml spinosad 14.5 SC in 200 litre water/ acre. **Leaf eating caterpillar** and **fruit borer** may infest the crops. Spray fipronil 5% SL 400ml or emamectinbenzoate 5% SG 80gm or indoxacarb14.5% SC 200ml mixing in 200lit of water per acre crop.

- To control **hollow stem** in cabbage and cauliflower, Apply recommended dust of Nitrogen fertilizer along with 4-6 kg of Borax/acre as basal.

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.

Dr.Dilip Ranjan Sarangi
(Nodal officer)

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Bulletin No-63
Date-14.02.2020

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AGROMET ADVISORY BULLETIN FOR BARANGA

District Past week weather condition

The district received 09 mm rainfall during the last week. The mean daily maximum and minimum temperature was 26°C and 13°C, respectively. Relative humidity of the district was around 67-83%. *According to NDVI map the agriculture vigor was moderate over few pockets, whereas according to SPI value (cumulative 4weeks-16 January 2020 to 12 February2020), mildly wet condition was there.*

Forecasted period: 15th February 2020 to 19th February 2020

General Advisory: No rainfall is forecasted for upcoming 5 days. The day temperature will 32-33°C and night temperature will be 18-19°C for upcoming 5 days. Maximum and minimum relative humidity will be 67-96% and 17-30% respectively. There will be mainly clear sky for next 5days. *As weather will likely to dry for next 5 days, farmers should harvest the matured crops and vegetables. They should plan for irrigation to crops observing soil moisture in the field.*

Block	Baranga				
Date	15/02/2020	16/02/2020	17/02/2020	18/02/2020	19/02/2020
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	33	33	33	32	33
T-Min(°C)	18	18	19	18	18
Cloud Cover	1	0	1	0	0
RH Max (%)	67	96	96	94	95
RH Min (%)	18	17	24	30	25
Wind Speed (Kmph)	11	7	7	10	12
Wind Direction (deg)	300	360	161	201	203

Agromet Advisory

Pulses:

- Aphids** may infest the crop. Spray 60ml imidacloprid 17.8%SL or 50ml thiomethaxome 25%WG mixing with 200lit of water per acre crop area. **Leaf eating caterpillar** feeds on the young tender leaves. Spray fipronil 5% SL 400ml or indoxacarb14.5% SC 200ml mixing in 200lit of water per acre crop.
- Spray 3 g Sulfex or 1 ml Propiconazole 10% EC or 1 ml Tebiconazole 25.9%EC per litre water for controlling **Powdery mildew**.
- Post emergent application of Quizalofop ethyl may be done to avoid the weeds.

Oil Seeds:

- Mustard:** In present weather condition **aphid** may be found in mustard crop. If observe spray the crop with Dimethoate 30% EC 2 ml/litre water in sunny days. Spraying must be done in the afternoon hours to save honeybees.
- Due to fluctuation in differential of day and night temperature, there is possibility of attack of **Tobacco caterpillar (Spodoptera litura)**. The forecasted weather is also favourable for its proliferation. Use Pheromone trap using Spodo lure to monitor adult population of the insect. Go for need based spraying of Lambda cyhalothrin 4.9CS@300ml/acre over the crop.
- Groundnut:** The current temperature may favour the infestation of thrips in groundnut. If observe spray Dimethoate 30% EC @ 2 ml/litre of water.
- If **Collar rot** reported in groundnut field, to control it spray Carbendazin 12% + Mancozeb 63% WP @ 2 g/litre of water.
- Go for weeding after 3-4 weeks for early sown rabi groundnut, apply well powdered gypsum @ 100 kg/acre close to the base of the plant and incorporate in the soil. After application irrigate the crop.

Vegetables: If **Bacterial wilt** will occur in brinjal and tomato. To control them, drench with copper oxychloride @ 3g+ plantomycin @ 1 g/ litre of water.

- Cloudy weather during the last week favours the infestation of aphid in beans. Spray 2 ml Dimethoate or Methyle demeton per litre water.
- Increased humidity may favour the infestation of **blight**. Spray 20 g Copper Oxy chloride and along with 10 g Plantomycin in 10 litre water.
- Tomato:** The tomato crops are at flowering to fruiting stage (five to seven week) in main field. Go for hoeing, weeding and apply 54kg urea per acre and complete earthing up at six to seven week stage. Provide irrigation as per need. White fly infestation occurs at this stage. Spray Acephate 75% SP 400g or imidacloprid 17.8% SL 50ml or thiomethaxome 25%WG 60g or buprofezin 25%SC 400 ml or flonicamide 50% WG 80g.

Cabbage and Cauliflower: In case of **Diamond back moth** in cole crops like cabbage, cauliflower, go for application of 80 ml spinosad 14.5 SC in 200 litre water/ acre. **Leaf eating caterpillar** and **fruit borer** may infest the crops. Spray fipronil 5% SL 400ml or emamectinbenzoate 5% SG 80gm or indoxacarb14.5% SC 200ml mixing in 200lit of water per acre crop.

- To control **hollow stem** in cabbage and cauliflower, Apply recommended dust of Nitrogen fertilizer along with 4-6 kg of Borax/acre as basal.

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.

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Bulletin No-63
Date-14.02.2020

AGROMET ADVISORY BULLETIN FOR CUTTACK SADAR

District Past week weather condition

The district received 09 mm rainfall during the last week. The mean daily maximum and minimum temperature was 26°C and 13°C, respectively. Relative humidity of the district was around 67-83%. *According to NDVI map the agriculture vigor was moderate over few pockets, whereas according to SPI value (cumulative 4weeks-16 January 2020 to 12 February 2020), mildly wet condition was there.*

Forecasted period: 15th February 2020 to 19th February 2020

General Advisory: No rainfall is forecasted for upcoming 5 days. The day temperature will 33-34°C and night temperature will be 18-19°C for upcoming 5 days. Maximum and minimum relative humidity will be 59-96% and 17-28% respectively. There will be mainly clear sky for next 5 days. *As weather will likely to dry for next 5 days, farmers should harvest the matured crops and vegetables. They should plan for irrigation to crops observing soil moisture in the field.*

Block	Cuttack sadar				
Date	15/02/2020	16/02/2020	17/02/2020	18/02/2020	19/02/2020
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	33	33	33	33	34
T-Min(°C)	18	18	19	18	18
Cloud Cover(octa)	1	0	1	0	0
RH Max (%)	59	96	95	94	95
RH Min (%)	19	17	23	28	22
Wind Speed (Kmph)	11	7	6	9	10
Wind Direction (deg)	300	19	158	198	207

Agromet Advisory

Pulses:

- Aphids** may infest the crop. Spray 60ml imidacloprid 17.8%SL or 50ml thiomethaxome 25%WG mixing with 200lit of water per acre crop area. **Leaf eating caterpillar** feeds on the young tender leaves. Spray fipronil 5% SL 400ml or indoxacarb14.5% SC 200ml mixing in 200lit of water per acre crop.
- Spray 3 g Sulfex or 1 ml Propiconazole 10% EC or 1 ml Tebiconazole 25.9%EC per litre water for controlling **Powdery mildew**.
- Post emergent application of Quizalofop ethyl may be done to avoid the weeds.

Oil Seeds:

- Mustard:** In present weather condition **aphid** may be found in mustard crop. If observe spray the crop with Dimethoate 30% EC 2 ml/litre water in sunny days. Spraying must be done in the afternoon hours to save honeybees.
- Due to fluctuation in differential of day and night temperature, there is possibility of attack of **Tobacco caterpillar (Spodoptera litura)**. The forecasted weather is also favourable for its proliferation. Use Pheromone trap using Spodo lure to monitor adult population of the insect. Go for need based spraying of Lambda cyhalothrin 4.9CS@300ml/acre over the crop.
- Groundnut:** The current temperature may favour the infestation of thrips in groundnut. If observe spray Dimethoate 30% EC @ 2 ml/litre of water.
- If **Collar rot** reported in groundnut field, to control it spray Carbendazin 12% + Mancozeb 63% WP @ 2 g/litre of water.
- Go for weeding after 3-4 weeks for early sown rabi groundnut, apply well powdered gypsum @ 100 kg/acre close to the base of the plant and incorporate in the soil. After application irrigate the crop.

Vegetables: If **Bacterial wilt** will occur in brinjal and tomato. To control them, drench with copper oxychloride @ 3g+ plantomycin @1 g/ litre of water.

- Cloudy weather during the last week favours the infestation of aphid in beans. Spray 2 ml Dimethoate or Methyle demeton per litre water.
- Increased humidity may favour the infestation of **blight**. Spray 20 g Copper Oxy chloride and along with 10 g Plantomycin in 10 litre water.
- Tomato:** The tomato crops are at flowering to fruiting stage (five to seven week) in main field. Go for hoeing, weeding and apply 54kg urea per acre and complete earthing up at six to seven week stage. Provide irrigation as per need. White fly infestation occurs at this stage. Spray Acephate 75% SP 400g or imidacloprid 17.8% SL 50ml or thiomethaxome 25%WG 60g or buprofezin 25%SC 400 ml or flonicamide 50% WG 80g.

Cabbage and Cauliflower: In case of **Diamond back moth** in cole crops like cabbage, cauliflower, go for application of 80 ml spinosad 14.5 SC in 200 litre water/ acre. **Leaf eating caterpillar** and **fruit borer** may infest the crops. Spray fipronil 5% SL 400ml or emamectinbenzoate 5% SG 80gm or indoxacarb14.5% SC 200ml mixing in 200lit of water per acre crop.

- To control **hollow stem** in cabbage and cauliflower, Apply recommended dust of Nitrogen fertilizer along with 4-6 kg of Borax/acre as basal.

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.

Dr.Dilip Ranjan Sarangi
(Nodal officer)

Debasish Jena
SMS (Agrometeorology)
Contact No-9861445080/7008453427



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



Bulletin No-63
Date-14.02.2020

E-mail: kvkcuttack@gmail.com
AGROMET ADVISORY BULLETIN FOR KANTAPADA

District Past week weather condition

The district received 09 mm rainfall during the last week. The mean daily maximum and minimum temperature was 26°C and 13°C, respectively. Relative humidity of the district was around 67-83%. *According to NDVI map the agriculture vigor was moderate over few pockets, whereas according to SPI value (cumulative 4weeks-16 January 2020 to 12 February2020), mildly wet condition was there.*

Forecasted period: 15th February 2020 to 19th February 2020

General Advisory: No rainfall is forecasted for upcoming 5 days. The day temperature will 32-33°C and night temperature will be 18-19°C for upcoming 5 days. Maximum and minimum relative humidity will be 80-96% and 17-35% respectively. There will be mainly clear sky for next 5days. *As weather will likely to dry for next 5 days, farmers should harvest the matured crops and vegetables. They should plan for irrigation to crops observing soil moisture in the field.*

Block	Kantapada				
Date	15/02/2020	16/02/2020	17/02/2020	18/02/2020	19/02/2020
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	33	33	32	32	32
T-Min(°C)	18	18	19	19	19
Cloud Cover(octa)	1	0	2	0	0
RH Max (%)	80	96	96	94	95
RH Min (%)	17	18	31	35	31
Wind Speed (Kmph)	11	7	8	11	13
Wind Direction (deg)	300	338	189	198	203

Agromet Advisory

Pulses:

- Aphids** may infest the crop. Spray 60ml imidacloprid 17.8%SL or 50ml thiomethaxome 25%WG mixing with 200lit of water per acre crop area. **Leaf eating caterpillar** feeds on the young tender leaves. Spray fipronil 5% SL 400ml or indoxacarb14.5% SC 200ml mixing in 200lit of water per acre crop.
- Spray 3 g Sulfex or 1 ml Propiconazole 10% EC or 1 ml Tebiconazole 25.9%EC per litre water for controlling **Powdery mildew**.
- Post emergent application of Quisalofop ethyl may be done to avoid the weeds.

Oil Seeds:

- Mustard:** In present weather condition **aphid** may be found in mustard crop. If observe spray the crop with Dimethoate 30% EC 2 ml/litre water in sunny days. Spraying must be done in the afternoon hours to save honeybees.
- Due to fluctuation in differential of day and night temperature, there is possibility of attack of **Tobacco caterpillar (Spodoptera litura)**. The forecasted weather is also favourable for its proliferation. Use Pheromone trap using Spodo lure to monitor adult population of the insect. Go for need based spraying of Lambda cyhalothrin 4.9CS@300ml/acre over the crop.
- Groundnut:** The current temperature may favour the infestation of thrips in groundnut. If observe spray Dimethoate 30% EC @ 2 ml/litre of water.
- If **Collar rot** reported in groundnut field, to control it spray Carbendazin 12% + Mancozeb 63% WP @ 2 g/litre of water.
- Go for weeding after 3-4 weeks for early sown rabi groundnut, apply well powdered gypsum @ 100 kg/acre close to the base of the plant and incorporate in the soil. After application irrigate the crop.

Vegetables: If **Bacterial wilt** will occur in brinjal and tomato. To control them, drench with copper oxychloride @ 3g+ plantomycin @ 1 g/ litre of water.

- Cloudy weather during the last week favours the infestation of aphid in beans. Spray 2 ml Dimethoate or Methyle demeton per litre water.
- Increased humidity may favour the infestation of **blight**. Spray 20 g Copper Oxy chloride and along with 10 g Plantomycin in 10 litre water.
- Tomato:** The tomato crops are at flowering to fruiting stage (five to seven week) in main field. Go for hoeing, weeding and apply 54kg urea per acre and complete earthing up at six to seven week stage. Provide irrigation as per need. White fly infestation occurs at this stage. Spray Acephate 75% SP 400g or imidacloprid 17.8% SL 50ml or thiomethaxome 25%WG 60g or buprofezin 25%SC 400 ml or flonicamide 50% WG 80g.

Cabbage and Cauliflower: In case of **Diamond back moth** in cole crops like cabbage, cauliflower, go for application of 80 ml spinosad 14.5 SC in 200 litre water/ acre. **Leaf eating caterpillar** and **fruit borer** may infest the crops. Spray fipronil 5% SL 400ml or emamectinbenzoate 5% SG 80gm or indoxacarb14.5% SC 200ml mixing in 200lit of water per acre crop.

- To control **hollow stem** in cabbage and cauliflower, Apply recommended dust of Nitrogen fertilizer along with 4-6 kg of Borax/acre as basal.

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.

Dr.Dilip Ranjan Sarangi
(Nodal officer)

Debasish Jena
SMS (Agrometeorology)
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GRAMIN KRUSHI MAUSAM SEVA
INDIA METEOROLOGICAL DEPARTMENT
DISTRICT AGROMET UNIT
KRISHI VIGYAN KENDRA CUTTACK
(A Unit of ICAR-National Rice Research Institute)



Bulletin No-63
Date-14.02.2020

E-mail: kvkcuttack@gmail.com

AGROMET ADVISORY BULLETIN FOR MAHANGA

District Past week weather condition

The district received 09 mm rainfall during the last week. The mean daily maximum and minimum temperature was 26°C and 13°C, respectively. Relative humidity of the district was around 67-83%. According to NDVI map the *agriculture vigor was moderate over few pockets, whereas according to SPI value (cumulative 4weeks-16 January 2020 to 12 February 2020), mildly wet condition was there.*

Forecasted period: 15th February 2020 to 19th February 2020

General Advisory: No rainfall is forecasted for upcoming 5 days. The day temperature will 32-33°C and night temperature will be 18-19°C for upcoming 5 days. Maximum and minimum relative humidity will be 68-95% and 20-30% respectively. There will be mainly clear sky for next 5 days. *As weather will likely to dry for next 5 days, farmers should harvest the matured crops and vegetables. They should plan for irrigation to crops observing soil moisture in the field.*

Block	Mahanga				
Date	15/02/2020	16/02/2020	17/02/2020	18/02/2020	19/02/2020
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	33	32	33	33	33
T-Min(°C)	18	18	19	19	18
Cloud Cover(octal)	1	0	2	0	0
RH Max (%)	68	95	94	94	95
RH Min (%)	21	20	29	30	27
Wind Speed (Kmph)	12	7	6	9	11
Wind Direction (deg)	255	23	203	193	203

Agromet Advisory

Pulses:

- Aphids** may infest the crop. Spray 60ml imidacloprid 17.8%SL or 50ml thiomethaxome 25%WG mixing with 200lit of water per acre crop area. **Leaf eating caterpillar** feeds on the young tender leaves. Spray fipronil 5% SL 400ml or indoxacarb14.5% SC 200ml mixing in 200lit of water per acre crop.
- Spray 3 g Sulfex or 1 ml Propiconazole 10% EC or 1 ml Tebiconazole 25.9%EC per litre water for controlling **Powdery mildew**.
- Post emergent application of Quizalofop ethyl may be done to avoid the weeds.

Oil Seeds:

- Mustard:** In present weather condition **aphid** may be found in mustard crop. If observe spray the crop with Dimethoate 30% EC 2 ml/litre water in sunny days. Spraying must be done in the afternoon hours to save honeybees.
- Due to fluctuation in differential of day and night temperature, there is possibility of attack of **Tobacco caterpillar (Spodoptera litura)**. The forecasted weather is also favourable for its proliferation. Use Pheromone trap using Spodo lure to monitor adult population of the insect. Go for need based spraying of Lambda cyhalothrin 4.9CS@300ml/acre over the crop.
- Groundnut:** The current temperature may favour the infestation of thrips in groundnut. If observe spray Dimethoate 30% EC @ 2 ml/litre of water.
- If **Collar rot** reported in groundnut field, to control it spray Carbendazin 12% + Mancozeb 63% WP @ 2 g/litre of water.
- Go for weeding after 3-4 weeks for early sown rabi groundnut, apply well powdered gypsum @ 100 kg/acre close to the base of the plant and incorporate in the soil. After application irrigate the crop.

Vegetables: If **Bacterial wilt** will occur in brinjal and tomato. To control them, drench with copper oxychloride @ 3g+ plantomycin @ 1 g/ litre of water.

- Cloudy weather during the last week favours the infestation of aphid in beans. Spray 2 ml Dimethoate or Methyle demeton per litre water.
- Increased humidity may favour the infestation of **blight**. Spray 20 g Copper Oxy chloride and along with 10 g Plantomycin in 10 litre water.
- Tomato:** The tomato crops are at flowering to fruiting stage (five to seven week) in main field. Go for hoeing, weeding and apply 54kg urea per acre and complete earthing up at six to seven week stage. Provide irrigation as per need. White fly infestation occurs at this stage. Spray Acephate 75% SP 400g or imidacloprid 17.8% SL 50ml or thiomethaxome 25%WG 60g or buprofezin 25%SC 400 ml or flonicamide 50% WG 80g.

Cabbage and Cauliflower: In case of **Diamond back moth** in cole crops like cabbage, cauliflower, go for application of 80 ml spinosad 14.5 SC in 200 litre water/ acre. **Leaf eating caterpillar** and **fruit borer** may infest the crops. Spray fipronil 5% SL 400ml or emamectinbenzoate 5% SG 80gm or indoxacarb14.5% SC 200ml mixing in 200lit of water per acre crop.

- To control **hollow stem** in cabbage and cauliflower, Apply recommended dust of Nitrogen fertilizer along with 4-6 kg of Borax/acre as basal.

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.

Dr.Dilip Ranjan Sarangi
(Nodal officer)

Debasish Jena
SMS (Agrometeorology)
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DISTRICT AGROMET UNIT
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Bulletin No-63
Date-14.02.2020

E-mail: kvkcuttack@gmail.com
AGROMET ADVISORY BULLETIN FOR NARASINGHPUR

District Past week weather condition

The district received 09 mm rainfall during the last week. The mean daily maximum and minimum temperature was 26°C and 13°C, respectively. Relative humidity of the district was around 67-83%. *According to NDVI map the agriculture vigor was moderate over few pockets, whereas according to SPI value (cumulative 4weeks-16 January 2020 to 12 February 2020), mildly wet condition was there.*

Forecasted period: 15th February 2020 to 19th February 2020

General Advisory: No rainfall is forecasted for upcoming 5 days. The day temperature will 32-34°C and night temperature will be 15-16°C for upcoming 5 days. Maximum and minimum relative humidity will be 50-98% and 16-22% respectively. There will be mainly clear sky for next 5 days. *As weather will likely to dry for next 5 days, farmers should harvest the matured crops and vegetables. They should plan for irrigation to crops observing soil moisture in the field.*

Block	Narasinghpur				
Date	15/02/2020	16/02/2020	17/02/2020	18/02/2020	19/02/2020
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	32	32	34	34	34
T-Min(°C)	16	15	16	15	15
Cloud Cover(/octa)	0	0	0	0	0
RH Max (%)	50	60	95	93	98
RH Min (%)	19	18	17	22	16
Wind Speed (Kmph)	8	5	3	3	4
Wind Direction (deg)	288	338	72	210	169

Agromet Advisory

Pulses:

- Aphids** may infest the crop. Spray 60ml imidacloprid 17.8%SL or 50ml thiomethaxome 25%WG mixing with 200lit of water per acre crop area. **Leaf eating caterpillar** feeds on the young tender leaves. Spray fipronil 5% SL 400ml or indoxacarb14.5% SC 200ml mixing in 200lit of water per acre crop.
- Spray 3 g Sulfex or 1 ml Propiconazole 10% EC or 1 ml Tebiconazole 25.9%EC per litre water for controlling **Powdery mildew**.
- Post emergent application of Quizalofop ethyl may be done to avoid the weeds.

Oil Seeds:

- Mustard:** In present weather condition **aphid** may be found in mustard crop. If observe spray the crop with Dimethoate 30% EC 2 ml/litre water in sunny days. Spraying must be done in the afternoon hours to save honeybees.
- Due to fluctuation in differential of day and night temperature, there is possibility of attack of **Tobacco caterpillar (Spodoptera litura)**. The forecasted weather is also favourable for its proliferation. Use Pheromone trap using Spodo lure to monitor adult population of the insect. Go for need based spraying of Lambda cyhalothrin 4.9CS@300ml/acre over the crop.
- Groundnut:** The current temperature may favour the infestation of thrips in groundnut. If observe spray Dimethoate 30% EC @ 2 ml/litre of water.
- If **Collar rot** reported in groundnut field, to control it spray Carbendazin 12% + Mancozeb 63% WP @ 2 g/litre of water.
- Go for weeding after 3-4 weeks for early sown rabi groundnut, apply well powdered gypsum @ 100 kg/acre close to the base of the plant and incorporate in the soil. After application irrigate the crop.

Vegetables: If **Bacterial wilt** will occur in brinjal and tomato. To control them, drench with copper oxychloride @ 3g+ plantomycin @ 1 g/ litre of water.

- Cloudy weather during the last week favours the infestation of aphid in beans. Spray 2 ml Dimethoate or Methyle demeton per litre water.
- Increased humidity may favour the infestation of **blight**. Spray 20 g Copper Oxy chloride and along with 10 g Plantomycin in 10 litre water.

Tomato: The tomato crops are at flowering to fruiting stage (five to seven week) in main field. Go for hoeing, weeding and apply 54kg urea per acre and complete earthing up at six to seven week stage. Provide irrigation as per need. White fly infestation occurs at this stage. Spray Acephate 75% SP 400g or imidacloprid 17.8% SL 50ml or thiomethaxome 25%WG 60g or buprofezin 25%SC 400 ml or flonicamide 50% WG 80g.

Cabbage and Cauliflower: In case of **Diamond back moth** in cole crops like cabbage, cauliflower, go for application of 80 ml spinosad 14.5 SC in 200 litre water/ acre. **Leaf eating caterpillar** and **fruit borer** may infest the crops. Spray fipronil 5% SL 400ml or emamectinbenzoate 5% SG 80gm or indoxacarb14.5% SC 200ml mixing in 200lit of water per acre crop.

- To control **hollow stem** in cabbage and cauliflower, Apply recommended dust of Nitrogen fertilizer along with 4-6 kg of Borax/acre as basal.

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.

Dr.Dilip Ranjan Sarangi
(Nodal officer)

Debasish Jena
SMS (Agrometeorology)
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INDIA METEOROLOGICAL DEPARTMENT
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Bulletin No-63
Date-14.02.2020

E-mail: kvkcuttack@gmail.com
AGROMET ADVISORY BULLETIN FOR NIALI

District Past week weather condition

The district received 09 mm rainfall during the last week. The mean daily maximum and minimum temperature was 26°C and 13°C, respectively. Relative humidity of the district was around 67-83%. *According to NDVI map the agriculture vigor was moderate over few pockets, whereas according to SPI value (cumulative 4weeks-16 January 2020 to 12 February2020), mildly wet condition was there.*

Forecasted period: 15th February 2020 to 19th February 2020

General Advisory: No rainfall is forecasted for upcoming 5 days. The day temperature will 31-33°C and night temperature will be 18-19°C for upcoming 5 days. Maximum and minimum relative humidity will be 86-96% and 18-38% respectively. There will be mainly clear sky for next 5days. **As weather will likely to dry for next 5 days, farmers should harvest the matured crops and vegetables. They should plan for irrigation to crops observing soil moisture in the field.**

Block	Niali				
Date	15/02/2020	16/02/2020	17/02/2020	18/02/2020	19/02/2020
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	33	33	31	31	32
T-Min(°C)	18	19	19	19	19
Cloud Cover(octa)	1	0	2	0	0
RH Max (%)	86	96	95	93	93
RH Min (%)	18	21	38	38	37
Wind Speed (Kmph)	11	6	8	11	14
Wind Direction (deg)	203	203	180	198	203

Agromet Advisory

Pulses:

- Aphids** may infest the crop. Spray 60ml imidacloprid 17.8%SL or 50ml thiomethaxome 25%WG mixing with 200lit of water per acre crop area. **Leaf eating caterpillar** feeds on the young tender leaves. Spray fipronil 5% SL 400ml or indoxacarb14.5% SC 200ml mixing in 200lit of water per acre crop.
- Spray 3 g Sulfex or 1 ml Propiconazole 10% EC or 1 ml Tebiconazole 25.9%EC per litre water for controlling **Powdery mildew**.
- Post emergent application of Quisqualofop ethyl may be done to avoid the weeds.

Oil Seeds:

- Mustard:** In present weather condition **aphid** may be found in mustard crop. If observe spray the crop with Dimethoate 30% EC 2 ml/litre water in sunny days. Spraying must be done in the afternoon hours to save honeybees.
- Due to fluctuation in differential of day and night temperature, there is possibility of attack of **Tobacco caterpillar (Spodoptera litura)**. The forecasted weather is also favourable for its proliferation. Use Pheromone trap using Spodo lure to monitor adult population of the insect. Go for need based spraying of Lambda cyhalothrin 4.9CS@300ml/acre over the crop.
- Groundnut:** The current temperature may favour the infestation of thrips in groundnut. If observe spray Dimethoate 30% EC @ 2 ml/litre of water.
- If **Collar rot** reported in groundnut field, to control it spray Carbendazin 12% + Mancozeb 63% WP @ 2 g/litre of water.
- Go for weeding after 3-4 weeks for early sown rabi groundnut, apply well powdered gypsum @ 100 kg/acre close to the base of the plant and incorporate in the soil. After application irrigate the crop.

Vegetables: If **Bacterial wilt** will occur in brinjal and tomato. To control them, drench with copper oxychloride @ 3g+ plantomycin @ 1 g/ litre of water.

- Cloudy weather during the last week favours the infestation of aphid in beans. Spray 2 ml Dimethoate or Methyle demeton per litre water.
- Increased humidity may favour the infestation of **blight**. Spray 20 g Copper Oxy chloride and along with 10 g Plantomycin in 10 litre water.

Tomato: The tomato crops are at flowering to fruiting stage (five to seven week) in main field. Go for hoeing, weeding and apply 54kg urea per acre and complete earthing up at six to seven week stage. Provide irrigation as per need. White fly infestation occurs at this stage. Spray Acephate 75% SP 400g or imidacloprid 17.8% SL 50ml or thiomethaxome 25%WG 60g or buprofezin 25%SC 400 ml or flonicamide 50% WG 80g.

Cabbage and Cauliflower: In case of **Diamond back moth** in cole crops like cabbage, cauliflower, go for application of 80 ml spinosad 14.5 SC in 200 litre water/ acre. **Leaf eating caterpillar** and **fruit borer** may infest the crops. Spray fipronil 5% SL 400ml or emamectinbenzoate 5% SG 80gm or indoxacarb14.5% SC 200ml mixing in 200lit of water per acre crop.

- To control **hollow stem** in cabbage and cauliflower, Apply recommended dust of Nitrogen fertilizer along with 4-6 kg of Borax/acre as basal.

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.

Dr.Dilip Ranjan Sarangi
 (Nodal officer)

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Bulletin No-63
Date-14.02.2020

AGROMET ADVISORY BULLETIN FOR NISCHINTAKOILI

District Past week weather condition

The district received 09 mm rainfall during the last week. The mean daily maximum and minimum temperature was 26°C and 13°C, respectively. Relative humidity of the district was around 67-83%. *According to NDVI map the agriculture vigor was moderate over few pockets, whereas according to SPI value (cumulative 4weeks-16 January 2020 to 12 February 2020), mildly wet condition was there.*

Forecasted period: 15th February 2020 to 19th February 2020

General Advisory: No rainfall is forecasted for upcoming 5 days. The day temperature will 32-33°C and night temperature will be 18-19°C for upcoming 5 days. Maximum and minimum relative humidity will be 73-96% and 20-31% respectively. There will be mainly clear sky for next 5 days. *As weather will likely to dry for next 5 days, farmers should harvest the matured crops and vegetables. They should plan for irrigation to crops observing soil moisture in the field.*

Block	Nischintakoili				
Date	15/02/2020	16/02/2020	17/02/2020	18/02/2020	19/02/2020
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	33	32	33	32	33
T-Min(°C)	18	18	19	19	19
Cloud Cover(octa)	1	0	2	0	0
RH Max (%)	73	96	95	94	95
RH Min (%)	20	20	30	31	28
Wind Speed (Kmph)	12	7	7	10	12
Wind Direction (deg)	285	18	189	193	201

Agromet Advisory

Pulses:

- Aphids** may infest the crop. Spray 60ml imidacloprid 17.8%SL or 50ml thiomethaxome 25%WG mixing with 200lit of water per acre crop area. **Leaf eating caterpillar** feeds on the young tender leaves. Spray fipronil 5% SL 400ml or indoxacarb14.5% SC 200ml mixing in 200lit of water per acre crop.
- Spray 3 g Sulfex or 1 ml Propiconazole 10% EC or 1 ml Tebiconazole 25.9%EC per litre water for controlling **Powdery mildew**.
- Post emergent application of Quizalofop ethyl may be done to avoid the weeds.

Oil Seeds:

- Mustard:** In present weather condition **aphid** may be found in mustard crop. If observe spray the crop with Dimethoate 30% EC 2 ml/litre water in sunny days. Spraying must be done in the afternoon hours to save honeybees.
- Due to fluctuation in differential of day and night temperature, there is possibility of attack of **Tobacco caterpillar (Spodoptera litura)**. The forecasted weather is also favourable for its proliferation. Use Pheromone trap using Spodo lure to monitor adult population of the insect. Go for need based spraying of Lambda cyhalothrin 4.9CS@300ml/acre over the crop.
- Groundnut:** The current temperature may favour the infestation of thrips in groundnut. If observe spray Dimethoate 30% EC @ 2 ml/litre of water.
- If **Collar rot** reported in groundnut field, to control it spray Carbendazin 12% + Mancozeb 63% WP @ 2 g/litre of water.
- Go for weeding after 3-4 weeks for early sown rabi groundnut, apply well powdered gypsum @ 100 kg/acre close to the base of the plant and incorporate in the soil. After application irrigate the crop.

Vegetables: If **Bacterial wilt** will occur in brinjal and tomato. To control them, drench with copper oxychloride @ 3g+ plantomycin @ 1 g/ litre of water.

- Cloudy weather during the last week favours the infestation of aphid in beans. Spray 2 ml Dimethoate or Methyle demeton per litre water.
- Increased humidity may favour the infestation of **blight**. Spray 20 g Copper Oxy chloride and along with 10 g Plantomycin in 10 litre water.
- Tomato:** The tomato crops are at flowering to fruiting stage (five to seven week) in main field. Go for hoeing, weeding and apply 54kg urea per acre and complete earthing up at six to seven week stage. Provide irrigation as per need. White fly infestation occurs at this stage. Spray Acephate 75% SP 400g or imidacloprid 17.8% SL 50ml or thiomethaxome 25%WG 60g or buprofezin 25%SC 400 ml or flonicamide 50% WG 80g.

Cabbage and Cauliflower: In case of **Diamond back moth** in cole crops like cabbage, cauliflower, go for application of 80 ml spinosad 14.5 SC in 200 litre water/ acre. **Leaf eating caterpillar** and **fruit borer** may infest the crops. Spray fipronil 5% SL 400ml or emamectinbenzoate 5% SG 80gm or indoxacarb14.5% SC 200ml mixing in 200lit of water per acre crop.

- To control **hollow stem** in cabbage and cauliflower, Apply recommended dust of Nitrogen fertilizer along with 4-6 kg of Borax/acre as basal.

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.

Dr.Dilip Ranjan Sarangi
(Nodal officer)

Debasish Jena
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GRAMIN KRUSHI MAUSAM SEVA
INDIA METEOROLOGICAL DEPARTMENT
DISTRICT AGROMET UNIT
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Bulletin No-63
Date-14.02.2020

AGROMET ADVISORY BULLETIN FOR SALEPUR

District Past week weather condition

The district received 09 mm rainfall during the last week. The mean daily maximum and minimum temperature was 26°C and 13°C, respectively. Relative humidity of the district was around 67-83%. *According to NDVI map the agriculture vigor was moderate over few pockets, whereas according to SPI value (cumulative 4weeks-16 January 2020 to 12 February 2020), mildly wet condition was there.*

Forecasted period: 15th February 2020 to 19th February 2020

General Advisory: No rainfall is forecasted for upcoming 5 days. The day temperature will 32-33°C and night temperature will be 18-19°C for upcoming 5 days. Maximum and minimum relative humidity will be 70-96% and 19-30% respectively. There will be mainly clear sky for next 5 days. *As weather will likely to dry for next 5 days, farmers should harvest the matured crops and vegetables. They should plan for irrigation to crops observing soil moisture in the field.*

Block	Salepur				
Date	15/02/2020	16/02/2020	17/02/2020	18/02/2020	19/02/2020
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	33	33	33	32	33
T-Min(°C)	18	18	19	19	19
Cloud Cover(octa)	1	0	2	0	0
RH Max (%)	70	96	95	94	95
RH Min (%)	20	19	28	30	27
Wind Speed (Kmph)	12	7	7	10	12
Wind Direction (deg)	293	18	180	198	201

Agromet Advisory

Pulses:

- Aphids** may infest the crop. Spray 60ml imidacloprid 17.8%SL or 50ml thiomethaxome 25%WG mixing with 200lit of water per acre crop area. **Leaf eating caterpillar** feeds on the young tender leaves. Spray fipronil 5% SL 400ml or indoxacarb14.5% SC 200ml mixing in 200lit of water per acre crop.
- Spray 3 g Sulfex or 1 ml Propiconazole 10% EC or 1 ml Tebiconazole 25.9%EC per litre water for controlling **Powdery mildew**.
- Post emergent application of Quisalofof ethyl may be done to avoid the weeds.

Oil Seeds:

- Mustard:** In present weather condition **aphid** may be found in mustard crop. If observe spray the crop with Dimethoate 30% EC 2 ml/litre water in sunny days. Spraying must be done in the afternoon hours to save honeybees.
- Due to fluctuation in differential of day and night temperature, there is possibility of attack of **Tobacco caterpillar (Spodoptera litura)**. The forecasted weather is also favourable for its proliferation. Use Pheromone trap using Spodo lure to monitor adult population of the insect. Go for need based spraying of Lambda cyhalothrin 4.9CS@300ml/acre over the crop.

Groundnut: The current temperature may favour the infestation of thrips in groundnut. If observe spray Dimethoate 30% EC @ 2 ml/litre of water.

- If **Collar rot** reported in groundnut field, to control it spray Carbendazin 12% + Mancozeb 63% WP @ 2 g/litre of water.
- Go for weeding after 3-4 weeks for early sown rabi groundnut, apply well powdered gypsum @ 100 kg/acre close to the base of the plant and incorporate in the soil. After application irrigate the crop.

Vegetables: If **Bacterial wilt** will occur in brinjal and tomato. To control them, drench with copper oxychloride @ 3g+ plantomycin @1 g/ litre of water.

- Cloudy weather during the last week favours the infestation of aphid in beans. Spray 2 ml Dimethoate or Methyle demeton per litre water.
- Increased humidity may favour the infestation of **blight**. Spray 20 g Copper Oxy chloride and along with 10 g Plantomycin in 10 litre water.

Tomato: The tomato crops are at flowering to fruiting stage (five to seven week) in main field. Go for hoeing, weeding and apply 54kg urea per acre and complete earthing up at six to seven week stage. Provide irrigation as per need. White fly infestation occurs at this stage. Spray Acephate 75% SP 400g or imidacloprid 17.8% SL 50ml or thiomethaxome 25%WG 60g or buprofezin 25%SC 400 ml or flonicamide 50% WG 80g.

Cabbage and Cauliflower: In case of **Diamond back moth** in cole crops like cabage, cauliflower, go for application of 80 ml spinosad 14.5 SC in 200 litre water/ acre. **Leaf eating caterpillar** and **fruit borer** may infest the crops. Spray fipronil 5% SL 400ml or emamectinbenzoate 5% SG 80gm or indoxacarb14.5% SC 200ml mixing in 200lit of water per acre crop.

- To control **hollow stem** in cabbage and cauliflower, Apply recommended dust of Nitrogen fertilizer along with 4-6 kg of Borax/acre as basal.

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.

Dr.Dilip Ranjan Sarangi
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Bulletin No-63
Date-14.02.2020

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AGROMET ADVISORY BULLETIN FOR TANGI-CHoudwar

District Past week weather condition

The district received 09 mm rainfall during the last week. The mean daily maximum and minimum temperature was 26°C and 13°C, respectively. Relative humidity of the district was around 67-83%. *According to NDVI map the agriculture vigor was moderate over few pockets, whereas according to SPI value (cumulative 4weeks-16 January 2020 to 12 February 2020), mildly wet condition was there.*

Forecasted period: 15th February 2020 to 19th February 2020

General Advisory: No rainfall is forecasted for upcoming 5 days. The day temperature will 30-33°C and night temperature will be 18-19°C for upcoming 5 days. Maximum and minimum relative humidity will be 89-95% and 25-54% respectively. There will be mainly mainly clear sky for next 5days. *As weather will likely to dry for next 5 days, farmers should harvest the matured crops and vegetables. They should plan for irrigation to crops observing soil moisture in the field.*

Block	Tangi-Choudwar				
Date	15/02/2020	16/02/2020	17/02/2020	18/02/2020	19/02/2020
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	33	32	30	31	32
T-Min(°C)	18	18	18	19	19
Cloud Cover(octa)	1	0	2	0	0
RH Max (%)	89	95	94	91	91
RH Min (%)	25	34	54	49	49
Wind Speed (Kmph)	13	8	9	12	14
Wind Direction (deg)	270	120	161	180	201

Agromet Advisory

Pulses:

- Aphids** may infest the crop. Spray 60ml imidacloprid 17.8%SL or 50ml thiomethaxome 25%WG mixing with 200lit of water per acre crop area. **Leaf eating caterpillar** feeds on the young tender leaves. Spray fipronil 5% SL 400ml or indoxacarb14.5% SC 200ml mixing in 200lit of water per acre crop.
- Spray 3 g Sulfex or 1 ml Propiconazole 10% EC or 1 ml Tebiconazole 25.9%EC per litre water for controlling **Powdery mildew**.
- Post emergent application of Quizalofop ethyl may be done to avoid the weeds.

Oil Seeds:

- Mustard:** In present weather condition **aphid** may be found in mustard crop. If observe spray the crop with Dimethoate 30% EC 2 ml/litre water in sunny days. Spraying must be done in the afternoon hours to save honeybees.
- Due to fluctuation in differential of day and night temperature, there is possibility of attack of **Tobacco caterpillar (Spodoptera litura)**. The forecasted weather is also favourable for its proliferation. Use Pheromone trap using Spodo lure to monitor adult population of the insect. Go for need based spraying of Lambda cyhalothrin 4.9CS@300ml/acre over the crop.
- Groundnut:** The current temperature may favour the infestation of thrips in groundnut. If observe spray Dimethoate 30% EC @ 2 ml/litre of water.
- If **Collar rot** reported in groundnut field, to control it spray Carbendazin 12% + Mancozeb 63% WP @ 2 g/litre of water.
- Go for weeding after 3-4 weeks for early sown rabi groundnut, apply well powdered gypsum @ 100 kg/acre close to the base of the plant and incorporate in the soil. After application irrigate the crop.

Vegetables: If **Bacterial wilt** will occur in brinjal and tomato. To control them, drench with copper oxychloride @ 3g+ plantomycin @1 g/ litre of water.

- Cloudy weather during the last week favours the infestation of aphid in beans. Spray 2 ml Dimethoate or Methyle demeton per litre water.
- Increased humidity may favour the infestation of **blight**. Spray 20 g Copper Oxy chloride and along with 10 g Plantomycin in 10 litre water.
- Tomato:** The tomato crops are at flowering to fruiting stage (five to seven week) in main field. Go for hoeing, weeding and apply 54kg urea per acre and complete earthing up at six to seven week stage. Provide irrigation as per need. White fly infestation occurs at this stage. Spray Acephate 75% SP 400g or imidacloprid 17.8% SL 50ml or thiomethaxome 25%WG 60g or buprofezin 25%SC 400 ml or flonicamide 50% WG 80g.

Cabbage and Cauliflower: In case of **Diamond back moth** in cole crops like cabage, cauliflower, go for application of 80 ml spinosad 14.5 SC in 200 litre water/ acre. **Leaf eating caterpillar** and **fruit borer** may infest the crops. Spray fipronil 5% SL 400ml or emamectinbenzoate 5% SG 80gm or indoxacarb14.5% SC 200ml mixing in 200lit of water per acre crop.

- To control **hollow stem** in cabbage and cauliflower, Apply recommended dust of Nitrogen fertilizer along with 4-6 kg of Borax/acre as basal.

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.

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Date-14.02.2020

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AGROMET ADVISORY BULLETIN FOR TIGIRIA

District Past week weather condition

The district received 09 mm rainfall during the last week. The mean daily maximum and minimum temperature was 26°C and 13°C, respectively. Relative humidity of the district was around 67-83%. *According to NDVI map the agriculture vigor was moderate over few pockets, whereas according to SPI value (cumulative 4weeks-16 January 2020 to 12 February 2020), mildly wet condition was there.*

Forecasted period: 15th February 2020 to 19th February 2020

General Advisory: No rainfall is forecasted for upcoming 5 days. The day temperature will 33-34°C and night temperature will be 16-17°C for upcoming 5 days. Maximum and minimum relative humidity will be 48-96% and 18-26% respectively. There will be mainly clear sky for next 5days. *As weather will likely to dry for next 5 days, farmers should harvest the matured crops and vegetables. They should plan for irrigation to crops observing soil moisture in the field.*

Block	Tigiria				
Date	15/02/2020	16/02/2020	17/02/2020	18/02/2020	19/02/2020
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	33	33	34	33	34
T-Min(°C)	17	16	17	17	16
Cloud Cover(octa)	1	0	0	0	0
RH Max (%)	48	90	96	93	95
RH Min (%)	19	18	20	26	19
Wind Speed (Kmph)	9	8	5	6	7
Wind Direction (deg)	288	349	118	167	165

Agromet Advisory

Pulses:

- Aphids** may infest the crop. Spray 60ml imidacloprid 17.8%SL or 50ml thiomethaxome 25%WG mixing with 200lit of water per acre crop area. **Leaf eating caterpillar** feeds on the young tender leaves. Spray fipronil 5% SL 400ml or indoxacarb14.5% SC 200ml mixing in 200lit of water per acre crop.
- Spray 3 g Sulfex or 1 ml Propiconazole 10% EC or 1 ml Tebiconazole 25.9%EC per litre water for controlling **Powdery mildew**.
- Post emergent application of Quizalofop ethyl may be done to avoid the weeds.

Oil Seeds:

- Mustard:** In present weather condition **aphid** may be found in mustard crop. If observe spray the crop with Dimethoate 30% EC 2 ml/litre water in sunny days. Spraying must be done in the afternoon hours to save honeybees.
- Due to fluctuation in differential of day and night temperature, there is possibility of attack of **Tobacco caterpillar (Spodoptera litura)**. The forecasted weather is also favourable for its proliferation. Use Pheromone trap using Spodo lure to monitor adult population of the insect. Go for need based spraying of Lambda cyhalothrin 4.9CS@300ml/acre over the crop.
- Groundnut:** The current temperature may favour the infestation of thrips in groundnut. If observe spray Dimethoate 30% EC @ 2 ml/litre of water.
- If **Collar rot** reported in groundnut field, to control it spray Carbendazin 12% + Mancozeb 63% WP @ 2 g/litre of water.
- Go for weeding after 3-4 weeks for early sown rabi groundnut, apply well powdered gypsum @ 100 kg/acre close to the base of the plant and incorporate in the soil. After application irrigate the crop.

Vegetables: If **Bacterial wilt** will occur in brinjal and tomato. To control them, drench with copper oxychloride @ 3g+ plantomycin @ 1 g/ litre of water.

- Cloudy weather during the last week favours the infestation of aphid in beans. Spray 2 ml Dimethoate or Methyle demeton per litre water.
- Increased humidity may favour the infestation of **blight**. Spray 20 g Copper Oxy chloride and along with 10 g Plantomycin in 10 litre water.

Tomato: The tomato crops are at flowering to fruiting stage (five to seven week) in main field. Go for hoeing, weeding and apply 54kg urea per acre and complete earthing up at six to seven week stage. Provide irrigation as per need. White fly infestation occurs at this stage. Spray Acephate 75% SP 400g or imidacloprid 17.8% SL 50ml or thiomethaxome 25%WG 60g or buprofezin 25%SC 400 ml or flonicamide 50% WG 80g.

Cabbage and Cauliflower: In case of **Diamond back moth** in cole crops like cabbage, cauliflower, go for application of 80 ml spinosad 14.5 SC in 200 litre water/ acre. **Leaf eating caterpillar** and **fruit borer** may infest the crops. Spray fipronil 5% SL 400ml or emamectinbenzoate 5% SG 80gm or indoxacarb14.5% SC 200ml mixing in 200lit of water per acre crop.

- To control **hollow stem** in cabbage and cauliflower, Apply recommended dust of Nitrogen fertilizer along with 4-6 kg of Borax/acre as basal.

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.

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