



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



Bulletin No-62
Date-11.02.2020

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

District Past week weather condition

The district received 21 mm rainfall during the last week. The mean daily maximum and minimum temperature was 24°C and 15°C, respectively. Relative humidity of the district was around 76-92%. *According to NDVI map the agriculture vigor was moderate over few pockets, whereas according to SPI value (cumulative 09 January 2020 to 05 February2020), mildly dry condition was there.*

Forecasted period: 12th February 2020 to 16th February 2020

General Advisory: No rainfall is forecasted and both maximum and minimum temperature likely to be increase in upcoming 5 days. The day temperature will 29-34°C and night temperature will be 14-18°C for upcoming 5 days. Maximum and minimum relative humidity will be 37-93% and 15-23% respectively. There will be mainly clear sky for next 5days. *As no rainfall is forecasted, farmers should resume their insecticide and fertilizer application in rabi pulses and vegetables. Farmers should store the excess water from the field in water harvesting structure for future use.*

Block	Athagad				
	12/02/2020	13/02/2020	14/02/2020	15/02/2020	16/02/2020
Rainfall (mm)	0	0	0	0	0
T-Max (°C)	29	29	32	34	34
T-Min (°C)	14	15	17	18	17
Cloud Cover (octa)	0	0	0	1	1
RH Max (%)	71	71	37	46	93
RH Min (%)	23	18	15	16	15
Wind Speed (kmph)	6	8	9	8	6
Wind Direction (deg)	315	326	296	334	45

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:** If grass weed is a major problem, apply Clodinafop propargyl 15WP@60g a.i./ha or Quizalofop ethyl @2 ml/litre at 21 days after sowing. Present condition is favourable for hoeing and weeding particularly at 21 days of the crop followed by application of Gypsum@2.5q/ha if not applied earlier.
- The soil should not be disturbed after flower initiation stage in early sown crop.
- Rabi groundnut should be sprayed with 500g Blitox-50 powder in 200 litre water to control **Tikka disease**.

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:** Transplanted seedlings are at 6-8 week stage in main field. Complete hoeing, weeding and apply 27 kg urea at six week stage after the rain ceases. Irrigate the crops after fertilizer application. To control **tomato leaf curl virus** in field, Spray Imidachloprid 17.8% SL @ 0.5 ml or Dimethoate 30% EC @ 1 ml/litre of 10 water at 15, 25, 45 days after transplanting .
- **Cabbage and Cauliflower:** The transplanted seedlings are at 5-7 week stage in main field. Go for hoeing, weeding and apply 27kg urea with 25kg MOP at six to seven week stage. Irrigate the crop after fertilizer application. **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-62
Date-11.02.2020

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AGROMET ADVISORY BULLETIN FOR BADAMBA

The district received 21 mm rainfall during the last week. The mean daily maximum and minimum temperature was 24°C and 15°C, respectively. Relative humidity of the district was around 76-92%. *According to NDVI map the agriculture vigor was moderate over few pockets, whereas according to SPI value (cumulative 09 January 2020 to 05 February 2020), mildly dry condition was there.*

Forecasted period: 12th February 2020 to 16th February 2020

General Advisory: No rainfall is forecasted and both maximum and minimum temperature likely to be increase in upcoming 5 days. The day temperature will 29-34°C and night temperature will be 14-17°C for upcoming 5 days. Maximum and minimum relative humidity will be 35-79% and 14-24% respectively. There will be mainly clear sky for next 5days. *As no rainfall is forecasted, farmers should resume their insecticide and fertilizer application in rabi pulses and vegetables. Farmers should store the excess water from the field in water harvesting structure for future use.*

Block	Badamba				
	12/02/2020	13/02/2020	14/02/2020	15/02/2020	16/02/2020
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	29	29	32	34	34
T-Min(°C)	14	14	16	17	17
Cloud Cover(octa)	0	0	0	1	1
RH Max (%)	79	64	35	45	78
RH Min (%)	24	17	15	16	14
Wind Speed (Kmph)	5	6	8	8	5
Wind Direction (deg)	165	326	293	334	360

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.
- If **Pod borer** will occur in gram and pea, Spray 50 ml Imidacloprid or 400 ml Dimethoate or Metasystox in 200 litre water per acre.
- 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:** If grass weed is a major problem, apply Clodinafop propargyl 15WP@60g a.i./ha or Quizalofop ethyl @2 ml/litre at 21 days after sowing. Present condition is favourable for hoeing and weeding particularly at 21 days of the crop followed by application of Gypsum@2.5q/ha if not applied earlier.
- The soil should not be disturbed after flower initiation stage in early sown crop.
- Rabi groundnut should be sprayed with 500g Blitox-50 powder in 200 litre water to control **Tikka disease**.

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:** Transplanted seedlings are at 6-8 week stage in main field. Complete hoeing, weeding and apply 27 kg urea at six week stage after the rain ceases. Irrigate the crops after fertilizer application. To control **tomato leaf curl virus** in field, Spray Imidachloprid 17.8% SL @ 0.5 ml or Dimethoate 30% EC @ 1 ml/litre of 10 water at 15, 25, 45 days after transplanting .
- **Cabbage and Cauliflower:** The transplanted seedlings are at 5-7 week stage in main field. Go for hoeing, weeding and apply 27kg urea with 25kg MOP at six to seven week stage. Irrigate the crop after fertilizer application. **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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AGROMET ADVISORY BULLETIN FOR BANKI

District Past week weather condition

The district received 21 mm rainfall during the last week. The mean daily maximum and minimum temperature was 24°C and 15°C, respectively. Relative humidity of the district was around 76-92%. *According to NDVI map the agriculture vigor was moderate over few pockets, whereas according to SPI value (cumulative 09 January 2020 to 05 February 2020), mildly dry condition was there.*

Forecasted period: 12th February 2020 to 16th February 2020

General Advisory: No rainfall is forecasted and both maximum and minimum temperature likely to be increase in upcoming 5 days. The day temperature will 29-34°C and night temperature will be 14-18°C for upcoming 5 days. Maximum and minimum relative humidity will be 38-89% and 14-24% respectively. There will be mainly clear sky for next 5days. *As no rainfall is forecasted, farmers should resume their insecticide and fertilizer application in rabi pulses and vegetables. Farmers should store the excess water from the field in water harvesting structure for future use.*

Block	Banki				
	12/02/2020	13/02/2020	14/02/2020	15/02/2020	16/02/2020
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	29	29	32	34	34
T-Min(°C)	14	14	17	18	17
Cloud Cover(octa)	0	0	0	1	1
RH Max (%)	75	71	38	50	89
RH Min (%)	24	18	14	15	14
Wind Speed (Kmph)	5	7	8	8	6
Wind Direction (deg)	165	326	295	338	23

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:** If grass weed is a major problem, apply Clodinafop propargyl 15WP@60g a.i./ha or Quizalofop ethyl @2 ml/litre at 21 days after sowing. Present condition is favourable for hoeing and weeding particularly at 21 days of the crop followed by application of Gypsum@2.5q/ha if not applied earlier.
- The soil should not be disturbed after flower initiation stage in early sown crop.
- Rabi groundnut should be sprayed with 500g Blitox-50 powder in 200 litre water to control **Tikka disease**.

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:** Transplanted seedlings are at 6-8 week stage in main field. Complete hoeing, weeding and apply 27 kg urea at six week stage after the rain ceases. Irrigate the crops after fertilizer application. To control **tomato leaf curl virus** in field, Spray Imidachloprid 17.8% SL @ 0.5 ml or Dimethoate 30% EC @ 1 ml/litre of 10 water at 15, 25, 45 days after transplanting .
- **Cabbage and Cauliflower:** The transplanted seedlings are at 5-7 week stage in main field. Go for hoeing, weeding and apply 27kg urea with 25kg MOP at six to seven week stage. Irrigate the crop after fertilizer application. **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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SMS (Agrometeorology)

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AGROMET ADVISORY BULLETIN FOR BANKI-
DAMPARA

District Past week weather condition

The district received 21 mm rainfall during the last week. The mean daily maximum and minimum temperature was 24°C and 15°C, respectively. Relative humidity of the district was around 76-92%. *According to NDVI map the agriculture vigor was moderate over few pockets, whereas according to SPI value (cumulative 09 January 2020 to 05 February 2020), mildly dry condition was there.*

Forecasted period: 12th February 2020 to 16th February 2020

General Advisory: No rainfall is forecasted and both maximum and minimum temperature likely to be increase in upcoming 5 days. The day temperature will 29-34°C and night temperature will be 14-18°C for upcoming 5 days. Maximum and minimum relative humidity will be 39-90% and 14-24% respectively. There will be mainly clear sky for next 5days. *As no rainfall is forecasted, farmers should resume their insecticide and fertilizer application in rabi pulses and vegetables. Farmers should store the excess water from the field in water harvesting structure for future use.*

Block	Banki-Dampara				
	12/02/2020	13/02/2020	14/02/2020	15/02/2020	16/02/2020
Date	12/02/2020	13/02/2020	14/02/2020	15/02/2020	16/02/2020
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	29	29	32	34	34
T-Min(°C)	14	15	17	18	17
Cloud Cover(octa)	0	0	0	1	1
RH Max (%)	74	72	39	51	90
RH Min (%)	24	18	14	15	14
Wind Speed (Kmph)	5	7	8	8	6
Wind Direction (deg)	165	326	295	338	23

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:** If grass weed is a major problem, apply Clodinafop propargyl 15WP@60g a.i./ha or Quizalofop ethyl @2 ml/litre at 21 days after sowing. Present condition is favourable for hoeing and weeding particularly at 21 days of the crop followed by application of Gypsum@2.5q/ha if not applied earlier.
- The soil should not be disturbed after flower initiation stage in early sown crop.
- Rabi groundnut should be sprayed with 500g Blitox-50 powder in 200 litre water to control **Tikka disease**.

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:** Transplanted seedlings are at 6-8 week stage in main field. Complete hoeing, weeding and apply 27 kg urea at six week stage after the rain ceases. Irrigate the crops after fertilizer application. To control **tomato leaf curl virus** in field, Spray Imidachloprid 17.8% SL @ 0.5 ml or Dimethoate 30% EC @ 1 ml/litre of 10 water at 15, 25, 45 days after transplanting .
- Cabbage and Cauliflower:** The transplanted seedlings are at 5-7 week stage in main field. Go for hoeing, weeding and apply 27kg urea with 25kg MOP at six to seven week stage. Irrigate the crop after fertilizer application. **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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Date-11.02.2020

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AGROMET ADVISORY BULLETIN FOR BARANGA

District Past week weather condition

The district received 21 mm rainfall during the last week. The mean daily maximum and minimum temperature was 24°C and 15°C, respectively. Relative humidity of the district was around 76-92%. According to NDVI map the agriculture vigor was moderate over few pockets, whereas according to SPI value (cumulative 09 January 2020 to 05 February 2020), mildly dry condition was there.

Forecasted period: 12th February 2020 to 16th February 2020

General Advisory: No rainfall is forecasted and both maximum and minimum temperature likely to be increase in upcoming 5 days. The day temperature will 28-35°C and night temperature will be 15-19°C for upcoming 5 days. Maximum and minimum relative humidity will be 50-96% and 14-23% respectively. There will be mainly clear sky for next 5days. As no rainfall is forecasted, farmers should resume their insecticide and fertilizer application in rabi pulses and vegetables. Farmers should store the excess water from the field in water harvesting structure for future use.

Block	Baranga				
	12/02/2020	13/02/2020	14/02/2020	15/02/2020	16/02/2020
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	28	30	32	35	34
T-Min(°C)	15	16	18	19	19
Cloud Cover	0	0	0	1	1
RH Max (%)	59	75	50	64	96
RH Min (%)	23	18	14	15	14
Wind Speed (Kmph)	6	7	9	9	7
Wind Direction (deg)	297	248	293	334	68

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.
- If **Pod borer** will occur in gram and pea, Spray 50 ml Imidacloprid or 400 ml Dimethoate or Metasystox in 200 litre water per acre.
- 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:** If grass weed is a major problem, apply Clodinafop propargyl 15WP@60g a.i./ha or Quizalofop ethyl @2 ml/litre at 21 days after sowing. Present condition is favourable for hoeing and weeding particularly at 21 days of the crop followed by application of Gypsum@2.5q/ha if not applied earlier.
- The soil should not be disturbed after flower initiation stage in early sown crop.
- Rabi groundnut should be sprayed with 500g Blitox-50 powder in 200 litre water to control **Tikka disease**.

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:** Transplanted seedlings are at 6-8 week stage in main field. Complete hoeing, weeding and apply 27 kg urea at six week stage after the rain ceases. Irrigate the crops after fertilizer application. To control **tomato leaf curl virus** in field, Spray Imidachloprid 17.8% SL @ 0.5 ml or Dimethoate 30% EC @ 1 ml/litre of 10 water at 15, 25, 45 days after transplanting .
- **Cabbage and Cauliflower:** The transplanted seedlings are at 5-7 week stage in main field. Go for hoeing, weeding and apply 27kg urea with 25kg MOP at six to seven week stage. Irrigate the crop after fertilizer application. **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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AGROMET ADVISORY BULLETIN FOR CUTTACK SADAR

District Past week weather condition

The district received 21 mm rainfall during the last week. The mean daily maximum and minimum temperature was 24°C and 15°C, respectively. Relative humidity of the district was around 76-92%. *According to NDVI map the agriculture vigor was moderate over few pockets, whereas according to SPI value (cumulative 09 January 2020 to 05 February 2020), mildly dry condition was there.*

Forecasted period: 12th February 2020 to 16th February 2020

General Advisory: No rainfall is forecasted and both maximum and minimum temperature likely to be increase in upcoming 5 days. The day temperature will 28-34°C and night temperature will be 15-19°C for upcoming 5 days. Maximum and minimum relative humidity will be 44-96% and 15-22% respectively. There will be mainly clear sky for next 5days. *As no rainfall is forecasted, farmers should resume their insecticide and fertilizer application in rabi pulses and vegetables. Farmers should store the excess water from the field in water harvesting structure for future use.*

Block	Cuttack sadar				
	12/02/2020	13/02/2020	14/02/2020	15/02/2020	16/02/2020
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	28	29	32	34	34
T-Min(°C)	15	16	18	19	19
Cloud Cover(octa)	0	0	0	1	1
RH Max (%)	61	73	44	56	96
RH Min (%)	22	18	15	16	15
Wind Speed (Kmph)	6	7	10	9	6
Wind Direction (deg)	297	248	295	334	68

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:** If grass weed is a major problem, apply Clodinafop propargyl 15WP@60g a.i./ha or Quizalofop ethyl @2 ml/litre at 21 days after sowing. Present condition is favourable for hoeing and weeding particularly at 21 days of the crop followed by application of Gypsum@2.5q/ha if not applied earlier.
- The soil should not be disturbed after flower initiation stage in early sown crop.
- Rabi groundnut should be sprayed with 500g Blitox-50 powder in 200 litre water to control **Tikka disease**.

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:** Transplanted seedlings are at 6-8 week stage in main field. Complete hoeing, weeding and apply 27 kg urea at six week stage after the rain ceases. Irrigate the crops after fertilizer application. To control **tomato leaf curl virus** in field, Spray Imidachloprid 17.8% SL @ 0.5 ml or Dimethoate 30% EC @ 1 ml/litre of 10 water at 15, 25, 45 days after transplanting .
- **Cabbage and Cauliflower:** The transplanted seedlings are at 5-7 week stage in main field. Go for hoeing, weeding and apply 27kg urea with 25kg MOP at six to seven week stage. Irrigate the crop after fertilizer application. **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
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Bulletin No-62
Date-11.02.2020

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AGROMET ADVISORY BULLETIN FOR KANTAPADA

District Past week weather condition

The district received 21 mm rainfall during the last week. The mean daily maximum and minimum temperature was 24°C and 15°C, respectively. Relative humidity of the district was around 76-92%. According to NDVI map the agriculture vigor was moderate over few pockets, whereas according to SPI value (cumulative 09 January 2020 to 05 February 2020), mildly dry condition was there.

Forecasted period: 12th February 2020 to 16th February 2020

General Advisory: No rainfall is forecasted and both maximum and minimum temperature likely to be increase in upcoming 5 days. The day temperature will 27-35°C and night temperature will be 15-19°C for upcoming 5 days. Maximum and minimum relative humidity will be 56-96% and 15-24% respectively. There will be mainly clear sky for next 5days. As no rainfall is forecasted, farmers should resume their insecticide and fertilizer application in rabi pulses and vegetables. Farmers should store the excess water from the field in water harvesting structure for future use.

Block	Kantapada				
	12/02/2020	13/02/2020	14/02/2020	15/02/2020	16/02/2020
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	27	30	31	35	35
T-Min(°C)	15	16	18	19	19
Cloud Cover(octa)	0	0	1	1	1
RH Max (%)	56	76	64	77	96
RH Min (%)	24	19	15	15	17
Wind Speed (Kmph)	6	7	9	9	7
Wind Direction (deg)	300	165	293	207	90

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:** If grass weed is a major problem, apply Clodinafop propargyl 15WP@60g a.i./ha or Quizalofop ethyl @2 ml/litre at 21 days after sowing. Present condition is favourable for hoeing and weeding particularly at 21 days of the crop followed by application of Gypsum@2.5q/ha if not applied earlier.
- The soil should not be disturbed after flower initiation stage in early sown crop.
- Rabi groundnut should be sprayed with 500g Blitox-50 powder in 200 litre water to control **Tikka disease**.

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:** Transplanted seedlings are at 6-8 week stage in main field. Complete hoeing, weeding and apply 27 kg urea at six week stage after the rain ceases. Irrigate the crops after fertilizer application. To control **tomato leaf curl virus** in field, Spray Imidachloprid 17.8% SL @ 0.5 ml or Dimethoate 30% EC @ 1 ml/litre of 10 water at 15, 25, 45 days after transplanting .
- Cabbage and Cauliflower:** The transplanted seedlings are at 5-7 week stage in main field. Go for hoeing, weeding and apply 27kg urea with 25kg MOP at six to seven week stage. Irrigate the crop after fertilizer application. **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-62
Date-11.02.2020

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AGROMET ADVISORY BULLETIN FOR MAHANGA

District Past week weather condition

The district received 21 mm rainfall during the last week. The mean daily maximum and minimum temperature was 24°C and 15°C, respectively. Relative humidity of the district was around 76-92%. According to NDVI map the agriculture vigor was moderate over few pockets, whereas according to SPI value (cumulative 09 January 2020 to 05 February 2020), mildly dry condition was there.

Forecasted period: 12th February 2020 to 16th February 2020

General Advisory: No rainfall is forecasted and both maximum and minimum temperature likely to be increase in upcoming 5 days. The day temperature will 27-34°C and night temperature will be 15-19°C for upcoming 5 days. Maximum and minimum relative humidity will be 49-94% and 16-22% respectively. There will be mainly clear sky for next 5days. As no rainfall is forecasted, farmers should resume their insecticide and fertilizer application in rabi pulses and vegetables. Farmers should store the excess water from the field in water harvesting structure for future use.

Block	Mahanga				
	12/02/2020	13/02/2020	14/02/2020	15/02/2020	16/02/2020
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	27	28	32	34	34
T-Min(°C)	15	15	18	19	19
Cloud Cover(octal)	0	0	1	2	1
RH Max (%)	53	71	49	65	94
RH Min (%)	22	20	16	17	19
Wind Speed (Kmph)	7	7	9	10	7
Wind Direction (deg)	60	248	288	326	45

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.
- If **Pod borer** will occur in gram and pea, Spray 50 ml Imidacloprid or 400 ml Dimethoate or Metasystox in 200 litre water per acre.
- 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:** If grass weed is a major problem, apply Clodinafop propargyl 15WP@60g a.i./ha or Quizalofop ethyl @2 ml/litre at 21 days after sowing. Present condition is favourable for hoeing and weeding particularly at 21 days of the crop followed by application of Gypsum@2.5q/ha if not applied earlier.
- The soil should not be disturbed after flower initiation stage in early sown crop.
- Rabi groundnut should be sprayed with 500g Blitox-50 powder in 200 litre water to control **Tikka disease**.

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:** Transplanted seedlings are at 6-8 week stage in main field. Complete hoeing, weeding and apply 27 kg urea at six week stage after the rain ceases. Irrigate the crops after fertilizer application. To control **tomato leaf curl virus** in field, Spray Imidachloprid 17.8% SL @ 0.5 ml or Dimethoate 30% EC @ 1 ml/litre of 10 water at 15, 25, 45 days after transplanting .
- **Cabbage and Cauliflower:** The transplanted seedlings are at 5-7 week stage in main field. Go for hoeing, weeding and apply 27kg urea with 25kg MOP at six to seven week stage. Irrigate the crop after fertilizer application. **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-62
Date-11.02.2020

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

District Past week weather condition

The district received 21 mm rainfall during the last week. The mean daily maximum and minimum temperature was 24°C and 15°C, respectively. Relative humidity of the district was around 76-92%. *According to NDVI map the agriculture vigor was moderate over few pockets, whereas according to SPI value (cumulative 09 January 2020 to 05 February 2020), mildly dry condition was there.*

Forecasted period: 12th February 2020 to 16th February 2020

General Advisory: No rainfall is forecasted and both maximum and minimum temperature likely to be increase in upcoming 5 days. The day temperature will 29-33°C and night temperature will be 13-17°C for upcoming 5 days. Maximum and minimum relative humidity will be 37-78% and 15-25% respectively. There will be mainly clear sky for next 5days. *As no rainfall is forecasted, farmers should resume their insecticide and fertilizer application in rabi pulses and vegetables. Farmers should store the excess water from the field in water harvesting structure for future use.*

Block	Narasinghpur				
	12/02/2020	13/02/2020	14/02/2020	15/02/2020	16/02/2020
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	30	29	31	33	33
T-Min(°C)	13	14	16	17	16
Cloud Cover(/octa)	0	0	0	1	1
RH Max (%)	78	52	37	41	55
RH Min (%)	25	18	16	16	15
Wind Speed (Kmph)	4	5	7	7	4
Wind Direction (deg)	360	330	293	330	11

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.
- If **Pod borer** will occur in gram and pea, Spray 50 ml Imidacloprid or 400 ml Dimethoate or Metasystox in 200 litre water per acre.
- 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:** If grass weed is a major problem, apply Clodinafop propargyl 15WP@60g a.i./ha or Quizalofop ethyl @2 ml/litre at 21 days after sowing. Present condition is favourable for hoeing and weeding particularly at 21 days of the crop followed by application of Gypsum@2.5q/ha if not applied earlier.
- The soil should not be disturbed after flower initiation stage in early sown crop.
- Rabi groundnut should be sprayed with 500g Blitox-50 powder in 200 litre water to control **Tikka disease**.

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:** Transplanted seedlings are at 6-8 week stage in main field. Complete hoeing, weeding and apply 27 kg urea at six week stage after the rain ceases. Irrigate the crops after fertilizer application. To control **tomato leaf curl virus** in field, Spray Imidachloprid 17.8% SL @ 0.5 ml or Dimethoate 30% EC @ 1 ml/litre of 10 water at 15, 25, 45 days after transplanting .
- **Cabbage and Cauliflower:** The transplanted seedlings are at 5-7 week stage in main field. Go for hoeing, weeding and apply 27kg urea with 25kg MOP at six to seven week stage. Irrigate the crop after fertilizer application. **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-62
Date-11.02.2020

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AGROMET ADVISORY BULLETIN FOR NIALI

District Past week weather condition

The district received 21 mm rainfall during the last week. The mean daily maximum and minimum temperature was 24°C and 15°C, respectively. Relative humidity of the district was around 76-92%. *According to NDVI map the agriculture vigor was moderate over few pockets, whereas according to SPI value (cumulative 09 January 2020 to 05 February 2020), mildly dry condition was there.*

Forecasted period: 12th February 2020 to 16th February 2020

General Advisory: No rainfall is forecasted and both maximum and minimum temperature likely to be increase in upcoming 5 days. The day temperature will 26-35°C and night temperature will be 14-19°C for upcoming 5 days. Maximum and minimum relative humidity will be 56-96% and 16-27% respectively. There will be mainly clear sky for next 5days. *As no rainfall is forecasted, farmers should resume their insecticide and fertilizer application in rabi pulses and vegetables. Farmers should store the excess water from the field in water harvesting structure for future use.*

Block	Niali				
	12/02/2020	13/02/2020	14/02/2020	15/02/2020	16/02/2020
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	26	29	31	34	35
T-Min(°C)	14	16	17	19	19
Cloud Cover(octa)	0	0	1	1	1
RH Max (%)	56	76	74	85	96
RH Min (%)	27	21	18	16	21
Wind Speed (Kmph)	7	7	9	9	7
Wind Direction (deg)	101	243	289	289	161

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:** If grass weed is a major problem, apply Clodinafop propargyl 15WP@60g a.i./ha or Quizalofop ethyl @2 ml/litre at 21 days after sowing. Present condition is favourable for hoeing and weeding particularly at 21 days of the crop followed by application of Gypsum@2.5q/ha if not applied earlier.
- The soil should not be disturbed after flower initiation stage in early sown crop.
- Rabi groundnut should be sprayed with 500g Blitox-50 powder in 200 litre water to control **Tikka disease**.

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:** Transplanted seedlings are at 6-8 week stage in main field. Complete hoeing, weeding and apply 27 kg urea at six week stage after the rain ceases. Irrigate the crops after fertilizer application. To control **tomato leaf curl virus** in field, Spray Imidachloprid 17.8% SL @ 0.5 ml or Dimethoate 30% EC @ 1 ml/litre of 10 water at 15, 25, 45 days after transplanting .
- **Cabbage and Cauliflower:** The transplanted seedlings are at 5-7 week stage in main field. Go for hoeing, weeding and apply 27kg urea with 25kg MOP at six to seven week stage. Irrigate the crop after fertilizer application. **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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Bulletin No-62
Date-11.02.2020

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AGROMET ADVISORY BULLETIN FOR NISCHINTAKOILI

District Past week weather condition

The district received 21 mm rainfall during the last week. The mean daily maximum and minimum temperature was 24°C and 15°C, respectively. Relative humidity of the district was around 76-92%. *According to NDVI map the agriculture vigor was moderate over few pockets, whereas according to SPI value (cumulative 09 January 2020 to 05 February 2020), mildly dry condition was there.*

Forecasted period: 12th February 2020 to 16th February 2020

General Advisory: No rainfall is forecasted and both maximum and minimum temperature likely to be increase in upcoming 5 days. The day temperature will 27-34°C and night temperature will be 15-19°C for upcoming 5 days. Maximum and minimum relative humidity will be 52-95% and 15-23% respectively. There will be mainly clear sky for next 5days. *As no rainfall is forecasted, farmers should resume their insecticide and fertilizer application in rabi pulses and vegetables. Farmers should store the excess water from the field in water harvesting structure for future use.*

Block	Nischintakoili				
	12/02/2020	13/02/2020	14/02/2020	15/02/2020	16/02/2020
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	27	29	32	34	34
T-Min(°C)	15	16	18	19	19
Cloud Cover(octa)	0	0	1	1	1
RH Max (%)	52	72	54	70	95
RH Min (%)	23	19	15	16	18
Wind Speed (Kmph)	7	7	9	10	7
Wind Direction (deg)	60	248	293	326	45

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:** If grass weed is a major problem, apply Clodinafop propargyl 15WP@60g a.i./ha or Quizalofop ethyl @2 ml/litre at 21 days after sowing. Present condition is favourable for hoeing and weeding particularly at 21 days of the crop followed by application of Gypsum@2.5q/ha if not applied earlier.
- The soil should not be disturbed after flower initiation stage in early sown crop.
- Rabi groundnut should be sprayed with 500g Blitox-50 powder in 200 litre water to control **Tikka disease**.

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:** Transplanted seedlings are at 6-8 week stage in main field. Complete hoeing, weeding and apply 27 kg urea at six week stage after the rain ceases. Irrigate the crops after fertilizer application. To control **tomato leaf curl virus** in field, Spray Imidachloprid 17.8% SL @ 0.5 ml or Dimethoate 30% EC @ 1 ml/litre of 10 water at 15, 25, 45 days after transplanting .
- **Cabbage and Cauliflower:** The transplanted seedlings are at 5-7 week stage in main field. Go for hoeing, weeding and apply 27kg urea with 25kg MOP at six to seven week stage. Irrigate the crop after fertilizer application. **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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Bulletin No-62
Date-11.02.2020

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AGROMET ADVISORY BULLETIN FOR SALEPUR

District Past week weather condition

The district received 21 mm rainfall during the last week. The mean daily maximum and minimum temperature was 24°C and 15°C, respectively. Relative humidity of the district was around 76-92%. *According to NDVI map the agriculture vigor was moderate over few pockets, whereas according to SPI value (cumulative 09 January 2020 to 05 February 2020), mildly dry condition was there.*

Forecasted period: 12th February 2020 to 16th February 2020

General Advisory: No rainfall is forecasted and both maximum and minimum temperature likely to be increase in upcoming 5 days. The day temperature will 27-34°C and night temperature will be 15-19°C for upcoming 5 days. Maximum and minimum relative humidity will be 52-95% and 15-22% respectively. There will be mainly clear sky for next 5days. *As no rainfall is forecasted, farmers should resume their insecticide and fertilizer application in rabi pulses and vegetables. Farmers should store the excess water from the field in water harvesting structure for future use.*

Block	Salepur				
	12/02/2020	13/02/2020	14/02/2020	15/02/2020	16/02/2020
Date	12/02/2020	13/02/2020	14/02/2020	15/02/2020	16/02/2020
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	27	29	32	34	34
T-Min(°C)	15	16	18	19	19
Cloud Cover(octa)	0	0	1	1	1
RH Max (%)	53	72	52	67	95
RH Min (%)	22	19	15	17	18
Wind Speed (Kmph)	7	7	10	10	7
Wind Direction (deg)	60	248	288	326	45

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:** If grass weed is a major problem, apply Clodinafop propargyl 15WP@60g a.i./ha or Quizalofop ethyl @2 ml/litre at 21 days after sowing. Present condition is favourable for hoeing and weeding particularly at 21 days of the crop followed by application of Gypsum@2.5q/ha if not applied earlier.
- The soil should not be disturbed after flower initiation stage in early sown crop.
- Rabi groundnut should be sprayed with 500g Blitox-50 powder in 200 litre water to control **Tikka disease**.

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:** Transplanted seedlings are at 6-8 week stage in main field. Complete hoeing, weeding and apply 27 kg urea at six week stage after the rain ceases. Irrigate the crops after fertilizer application. To control **tomato leaf curl virus** in field, Spray Imidachloprid 17.8% SL @ 0.5 ml or Dimethoate 30% EC @ 1 ml/litre of 10 water at 15, 25, 45 days after transplanting .
- **Cabbage and Cauliflower:** The transplanted seedlings are at 5-7 week stage in main field. Go for hoeing, weeding and apply 27kg urea with 25kg MOP at six to seven week stage. Irrigate the crop after fertilizer application. **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-62
Date-11.02.2020

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AGROMET ADVISORY BULLETIN FOR TANGI-CHOUDWAR

District Past week weather condition

The district received 21 mm rainfall during the last week. The mean daily maximum and minimum temperature was 24°C and 15°C, respectively. Relative humidity of the district was around 76-92%. *According to NDVI map the agriculture vigor was moderate over few pockets, whereas according to SPI value (cumulative 09 January 2020 to 05 February 2020), mildly dry condition was there.*

Forecasted period: 12th February 2020 to 16th February 2020

General Advisory: No rainfall is forecasted and both maximum and minimum temperature likely to be increase in upcoming 5 days. The day temperature will 25-33°C and night temperature will be 14-18°C for upcoming 5 days. Maximum and minimum relative humidity will be 52-95% and 24-32% respectively. There will be mainly mainly clear sky for next 5days. *As no rainfall is forecasted, farmers should resume their insecticide and fertilizer application in rabi pulses and vegetables. Farmers should store the excess water from the field in water harvesting structure for future use.*

Block	Tangi-Choudwar				
	12/02/2020	13/02/2020	14/02/2020	15/02/2020	16/02/2020
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	25	28	30	33	32
T-Min(°C)	14	15	17	18	18
Cloud Cover(octa)	0	0	1	1	1
RH Max (%)	52	70	77	88	95
RH Min (%)	32	28	27	24	31
Wind Speed (Kmph)	10	9	11	11	8
Wind Direction (deg)	333	135	243	210	113

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:** If grass weed is a major problem, apply Clodinafop propargyl 15WP@60g a.i./ha or Quizalofop ethyl @2 ml/litre at 21 days after sowing. Present condition is favourable for hoeing and weeding particularly at 21 days of the crop followed by application of Gypsum@2.5q/ha if not applied earlier.
- The soil should not be disturbed after flower initiation stage in early sown crop.
- Rabi groundnut should be sprayed with 500g Blitox-50 powder in 200 litre water to control **Tikka disease**.

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:** Transplanted seedlings are at 6-8 week stage in main field. Complete hoeing, weeding and apply 27 kg urea at six week stage after the rain ceases. Irrigate the crops after fertilizer application. To control **tomato leaf curl virus** in field, Spray Imidachloprid 17.8% SL @ 0.5 ml or Dimethoate 30% EC @ 1 ml/litre of 10 water at 15, 25, 45 days after transplanting .
- **Cabbage and Cauliflower:** The transplanted seedlings are at 5-7 week stage in main field. Go for hoeing, weeding and apply 27kg urea with 25kg MOP at six to seven week stage. Irrigate the crop after fertilizer application. **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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Date-11.02.2020

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AGROMET ADVISORY BULLETIN FOR TIGIRIA

District Past week weather condition

The district received 21 mm rainfall during the last week. The mean daily maximum and minimum temperature was 24°C and 15°C, respectively. Relative humidity of the district was around 76-92%. *According to NDVI map the agriculture vigor was moderate over few pockets, whereas according to SPI value (cumulative 09 January 2020 to 05 February 2020), mildly dry condition was there.*

Forecasted period: 12th February 2020 to 16th February 2020

General Advisory: No rainfall is forecasted and both maximum and minimum temperature likely to be increase in upcoming 5 days. The day temperature will 29-34°C and night temperature will be 14-18°C for upcoming 5 days. Maximum and minimum relative humidity will be 35-89% and 15-23% respectively. There will be mainly clear sky for next 5days. *As no rainfall is forecasted, farmers should resume their insecticide and fertilizer application in rabi pulses and vegetables. Farmers should store the excess water from the field in water harvesting structure for future use.*

Block	Tigiria				
	12/02/2020	13/02/2020	14/02/2020	15/02/2020	16/02/2020
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	29	29	32	34	34
T-Min(°C)	14	14	17	18	17
Cloud Cover(octa)	0	0	0	1	1
RH Max (%)	75	67	35	43	89
RH Min (%)	23	18	15	16	15
Wind Speed (Kmph)	6	7	8	8	6
Wind Direction (deg)	165	326	296	334	342

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:** If grass weed is a major problem, apply Clodinafop propargyl 15WP@60g a.i./ha or Quizalofop ethyl @2 ml/litre at 21 days after sowing. Present condition is favourable for hoeing and weeding particularly at 21 days of the crop followed by application of Gypsum@2.5q/ha if not applied earlier.
- The soil should not be disturbed after flower initiation stage in early sown crop.
- Rabi groundnut should be sprayed with 500g Blitox-50 powder in 200 litre water to control **Tikka disease**.

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.
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- **Tomato:** Transplanted seedlings are at 6-8 week stage in main field. Complete hoeing, weeding and apply 27 kg urea at six week stage after the rain ceases. Irrigate the crops after fertilizer application. To control **tomato leaf curl virus** in field, Spray Imidachloprid 17.8% SL @ 0.5 ml or Dimethoate 30% EC @ 1 ml/litre of 10 water at 15, 25, 45 days after transplanting .
- **Cabbage and Cauliflower:** The transplanted seedlings are at 5-7 week stage in main field. Go for hoeing, weeding and apply 27kg urea with 25kg MOP at six to seven week stage. Irrigate the crop after fertilizer application. **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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