



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



Bulletin No-57
Date-24.01.2020

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

District Past week weather condition

The district received 0 mm rainfall during the last week. The mean daily maximum and minimum temperature was 29°C and 16°C, respectively. Relative humidity of the district was around 67-89%. *According to NDVI map the agriculture vigor was moderate over few pockets, whereas according to SPI value (cumulative: 26 December 2019 to 22 January 2020), mildly wet condition was there.*

Forecasted period: 25th January 2020 to 29th January 2020

General Advisory: No rainfall is forecasted for upcoming 4 days but, moderate rainfall is forecasted for Tuesday in the block. The day temperature will 28-30°C and night temperature will be 13-18°C for upcoming 5 days. Maximum and minimum relative humidity will be 81-99% and 15-58% respectively. There will be partly cloudy sky for today after that there will be mainly clear sky for next 4 days. *As moderate rainfall is forecasted for Tuesday, farmers should complete their insecticide and fertilizer application and should pause the irrigation activity in rabi pulses and vegetables before Tuesday.*

Block	Athagad				
	25/01/2020	26/01/2020	27/01/2020	28/01/2020	29/01/2020
Rainfall (mm)	0	0	0	0	15
T-Max (°C)	30	28	28	28	28
T-Min (°C)	14	15	13	16	18
Cloud Cover (octa)	4	1	0	1	1
RH Max (%)	89	93	81	99	94
RH Min (%)	26	30	21	15	58
Wind Speed (kmph)	7	5	7	9	17
Wind Direction (deg)	23	15	330	153	180

Agromet Advisory

Pulses:

- The crop is at sowing to 3-4 week stage.
- **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**.

Oil Seeds:

- **Mustard:**In present weather condition **aphid** may be found in mustard crop. If observe spray the crop with Dimethoate 30% EC or Quinalphos 25% 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:** 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.
- If **caterpillar** found in groundnut field, spray quinalphos 20% ec @ 2 ml/litre of water in sunny days.
- Rabi groundnut should be sprayed with 500g Blitox-50 powder in 200 litre water to control **Tikka disease**.

Vegetables:

- **Tomato:** Transplanted seedlings are at 6-8 week stage in main field. Complete hoeing, weeding and apply 27 kg urea at six week stage. Irrigate the crops after fertilizer application. To control **tomato leaf curl virus** in field, Spray Imidachloprid 17.8% SL @ 0.5 ml or Dimethoate 30% EC @ 1 ml/litre of 10 water at 15, 25, 45 days after transplanting .
- **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.
- **Onion:** The transplanted seedlings are at seedling establishment to four week stage in main field.
- Irrigate the crop at 10 days interval. Go for hoeing, weeding and 1 st top dressing with 45kg urea per acre crop area at 4 week stage of crop followed by irrigation.
- **Beans and Cow pea:** Sucking pests like **Aphid and white fly** are major pest attacking the crops. Go for alternate spray of Neem based pesticide 1500ppm@600ml/acre with Imidacloprid 17.8SL@70ml/acre.

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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DISTRICT AGROMET UNIT
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Bulletin No-57
Date-24.01.2020

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AGROMET ADVISORY BULLETIN FOR BADAMBA

The district received 0 mm rainfall during the last week. The mean daily maximum and minimum temperature was 29°C and 16°C, respectively. Relative humidity of the district was around 67-89%. *According to NDVI map the agriculture vigor was moderate over few pockets, whereas according to SPI value (cumulative: 26 December 2019 to 22 January 2020), mildly wet condition was there.*

Forecasted period: 25th January 2020 to 29th January 2020

General Advisory: No rainfall is forecasted for upcoming 4 days but, light rainfall is forecasted for Tuesday in the block. The day temperature will 28-30°C and night temperature will be 13-17°C for upcoming 5 days. Maximum and minimum relative humidity will be 58-98% and 14-57% respectively. There will be partly cloudy sky for today after that there will be mainly clear sky for next 4 days. **As light rainfall is forecasted for Tuesday, farmers should complete their insecticide and fertilizer application and should pause the irrigation activity in rabi pulses and vegetables before Tuesday.**

Block	Badamba				
	25/01/2020	26/01/2020	27/01/2020	28/01/2020	29/01/2020
Rainfall(mm)	0	0	0	0	8
T-Max(°C)	30	28	29	29	28
T-Min(°C)	15	15	13	15	17
Cloud Cover(octa)	4	1	0	1	2
RH Max (%)	94	96	58	98	96
RH Min (%)	23	29	17	14	57
Wind Speed (Kmph)	6	5	6	7	15
Wind Direction (deg)	113	153	335	158	180

Agromet Advisory

Pulses:

- The crop is at sowing to 3-4 week stage.
- 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**.

Oil Seeds:

- Mustard:**In present weather condition **aphid** may be found in mustard crop. If observe spray the crop with Dimethoate 30% EC or Quinalphos 25% 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:** 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.
- If **caterpillar** found in groundnut field, spray quinalphos 20% ec @ 2 ml/litre of water in sunny days.
- Rabi groundnut should be sprayed with 500g Blitox-50 powder in 200 litre water to control **Tikka disease**.

Vegetables:

- Tomato:** Transplanted seedlings are at 6-8 week stage in main field. Complete hoeing, weeding and apply 27 kg urea at six week stage. Irrigate the crops after fertilizer application. To control **tomato leaf curl virus** in field, Spray Imidachloprid 17.8% SL @ 0.5 ml or Dimethoate 30% EC @ 1 ml/litre of 10 water at 15, 25, 45 days after transplanting .
- 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.
- Onion:** The transplanted seedlings are at seedling establishment to four week stage in main field.
- Irrigate the crop at 10 days interval. Go for hoeing, weeding and 1 st top dressing with 45kg urea per acre crop area at 4 week stage of crop followed by irrigation.
- Beans and Cow pea:** Sucking pests like **Aphid and white fly** are major pest attacking the crops. Go for alternate spray of Neem based pesticide 1500ppm@600ml/acre with Imidacloprid 17.8SL@70ml/acre.

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-57
Date-24.01.2020

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AGROMET ADVISORY BULLETIN FOR BANKI

District Past week weather condition

The district received 0 mm rainfall during the last week. The mean daily maximum and minimum temperature was 29°C and 16°C, respectively. Relative humidity of the district was around 67-89%. *According to NDVI map the agriculture vigor was moderate over few pockets, whereas according to SPI value (cumulative: 26 December 2019 to 22 January 2020), mildly wet condition was there.*

Forecasted period: 25th January 2020 to 29th January 2020

General Advisory: No rainfall is forecasted for upcoming 4 days but, light rainfall is forecasted for Tuesday in the block. The day temperature will 28-30°C and night temperature will be 13-18°C for upcoming 5 days. Maximum and minimum relative humidity will be 78-98% and 14-59% respectively. There will be partly cloudy sky for today after that there will be mainly clear sky for next 4 days. *As light rainfall is forecasted for Tuesday, farmers should complete their insecticide and fertilizer application and should pause the irrigation activity in rabi pulses and vegetables before Tuesday.*

Block	Banki				
	25/01/2020	26/01/2020	27/01/2020	28/01/2020	29/01/2020
Rainfall(mm)	0	0	0	0	10
T-Max(°C)	30	28	29	29	28
T-Min(°C)	14	15	13	16	18
Cloud Cover(octa)	4	1	0	1	2
RH Max (%)	92	95	78	98	94
RH Min (%)	24	30	19	14	59
Wind Speed (Kmph)	6	5	7	7	18
Wind Direction (deg)	18	135	330	158	193

Agromet Advisory

Pulses:

- The crop is at sowing to 3-4 week stage.
- 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**.

Oil Seeds:

- Mustard:** In present weather condition **aphid** may be found in mustard crop. If observe spray the crop with Dimethoate 30% EC or Quinalphos 25% 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:** 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.
- If **caterpillar** found in groundnut field, spray quinalphos 20% ec @ 2 ml/litre of water in sunny days.
- Rabi groundnut should be sprayed with 500g Blitox-50 powder in 200 litre water to control **Tikka disease**.

Vegetables:

- Tomato:** Transplanted seedlings are at 6-8 week stage in main field. Complete hoeing, weeding and apply 27 kg urea at six week stage. Irrigate the crops after fertilizer application. To control **tomato leaf curl virus** in field, Spray Imidachloprid 17.8% SL @ 0.5 ml or Dimethoate 30% EC @ 1 ml/litre of 10 water at 15, 25, 45 days after transplanting .
- 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.
- Onion:** The transplanted seedlings are at seedling establishment to four week stage in main field.
- Irrigate the crop at 10 days interval. Go for hoeing, weeding and 1 st top dressing with 45kg urea per acre crop area at 4 week stage of crop followed by irrigation.
- Beans and Cow pea:** Sucking pests like **Aphid and white fly** are major pest attacking the crops. Go for alternate spray of Neem based pesticide 1500ppm@600ml/acre with Imidacloprid 17.8SL@70ml/acre.

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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AGROMET ADVISORY BULLETIN FOR BANKI-
DAMPARA

District Past week weather condition

The district received 0 mm rainfall during the last week. The mean daily maximum and minimum temperature was 29°C and 16°C, respectively. Relative humidity of the district was around 67-89%. *According to NDVI map the agriculture vigor was moderate over few pockets, whereas according to SPI value (cumulative: 26 December 2019 to 22 January 2020), mildly wet condition was there.*

Forecasted period: 25th January 2020 to 29th January 2020

General Advisory: No rainfall is forecasted for upcoming 4 days but, moderate rainfall is forecasted for Tuesday in the block. The day temperature will 27-30°C and night temperature will be 13-18°C for upcoming 5 days. Maximum and minimum relative humidity will be 80-98% and 14-59% respectively. There will be partly cloudy sky for today after that there will be mainly clear sky for next 4 days. *As moderate rainfall is forecasted for Tuesday, farmers should complete their insecticide and fertilizer application and should pause the irrigation activity in rabi pulses and vegetables before Tuesday.*

Block	Banki-Dampara				
	25/01/2020	26/01/2020	27/01/2020	28/01/2020	29/01/2020
Rainfall(mm)	0	0	0	0	12
T-Max(°C)	30	28	29	29	27
T-Min(°C)	14	15	13	16	18
Cloud Cover(octa)	4	1	0	1	2
RH Max (%)	91	95	80	98	93
RH Min (%)	25	30	20	14	59
Wind Speed (Kmph)	6	5	7	7	18
Wind Direction (deg)	23	135	330	154	193

Agromet Advisory

Pulses:

- The crop is at sowing to 3-4 week stage.
- 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**.

Oil Seeds:

- Mustard:**In present weather condition **aphid** may be found in mustard crop. If observe spray the crop with Dimethoate 30% EC or Quinalphos 25% 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:** 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.
- If **caterpillar** found in groundnut field, spray quinalphos 20% ec @ 2 ml/litre of water in sunny days.
- Rabi groundnut should be sprayed with 500g Blitox-50 powder in 200 litre water to control **Tikka disease**.

Vegetables:

- Tomato:** Transplanted seedlings are at 6-8 week stage in main field. Complete hoeing, weeding and apply 27 kg urea at six week stage. Irrigate the crops after fertilizer application. To control **tomato leaf curl virus** in field, Spray Imidachloprid 17.8% SL @ 0.5 ml or Dimethoate 30% EC @ 1 ml/litre of 10 water at 15, 25, 45 days after transplanting .
- 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.
- Onion:** The transplanted seedlings are at seedling establishment to four week stage in main field.
- Irrigate the crop at 10 days interval. Go for hoeing, weeding and 1 st top dressing with 45kg urea per acre crop area at 4 week stage of crop followed by irrigation.
- Beans and Cow pea:** Sucking pests like **Aphid and white fly** are major pest attacking the crops. Go for alternate spray of Neem based pesticide 1500ppm@600ml/acre with Imidacloprid 17.8SL@70ml/acre.

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-57
Date-24.01.2020

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AGROMET ADVISORY BULLETIN FOR BARANGA

District Past week weather condition

The district received 0 mm rainfall during the last week. The mean daily maximum and minimum temperature was 29°C and 16°C, respectively. Relative humidity of the district was around 67-89%. *According to NDVI map the agriculture vigor was moderate over few pockets, whereas according to SPI value (cumulative: 26 December 2019 to 22 January 2020), mildly wet condition was there.*

Forecasted period: 25th January 2020 to 29th January 2020

General Advisory: No rainfall is forecasted for upcoming 4 days but, moderate rainfall is forecasted for Tuesday in the block. The day temperature will 28-29°C and night temperature will be 14-20°C for upcoming 5 days. Maximum and minimum relative humidity will be 87-97% and 14-55% respectively. There will be partly cloudy sky for today after that there will be mainly clear sky for next 4 days. *As moderate rainfall is forecasted for Tuesday, farmers should complete their insecticide and fertilizer application and should pause the irrigation activity in rabi pulses and vegetables before Tuesday.*

Block	Baranga				
	25/01/2020	26/01/2020	27/01/2020	28/01/2020	29/01/2020
Rainfall(mm)	0	0	0	0	26
T-Max(°C)	29	28	28	29	28
T-Min(°C)	15	16	14	17	20
Cloud Cover	5	1	0	1	1
RH Max (%)	87	89	96	97	90
RH Min (%)	31	33	24	14	55
Wind Speed (Kmph)	8	6	7	8	19
Wind Direction (deg)	23	158	315	153	201

Agromet Advisory

Pulses:

- The crop is at sowing to 3-4 week stage.
- **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**.

Oil Seeds:

- **Mustard:**In present weather condition **aphid** may be found in mustard crop. If observe spray the crop with Dimethoate 30% EC or Quinalphos 25% 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:** 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.
- If **caterpillar** found in groundnut field, spray quinalphos 20% ec @ 2 ml/litre of water in sunny days.
- Rabi groundnut should be sprayed with 500g Blitox-50 powder in 200 litre water to control **Tikka disease**.

Vegetables:

- **Tomato:** Transplanted seedlings are at 6-8 week stage in main field. Complete hoeing, weeding and apply 27 kg urea at six week stage. Irrigate the crops after fertilizer application. To control **tomato leaf curl virus** in field, Spray Imidachloprid 17.8% SL @ 0.5 ml or Dimethoate 30% EC @ 1 ml/litre of 10 water at 15, 25, 45 days after transplanting .
- **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.
- **Onion:** The transplanted seedlings are at seedling establishment to four week stage in main field.
- Irrigate the crop at 10 days interval. Go for hoeing, weeding and 1 st top dressing with 45kg urea per acre crop area at 4 week stage of crop followed by irrigation.
- **Beans and Cow pea:** Sucking pests like **Aphid and white fly** are major pest attacking the crops. Go for alternate spray of Neem based pesticide 1500ppm@600ml/acre with Imidacloprid 17.8SL@70ml/acre.

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-24.01.2020

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AGROMET ADVISORY BULLETIN FOR CUTTACK SADAR

District Past week weather condition

The district received 0 mm rainfall during the last week. The mean daily maximum and minimum temperature was 29°C and 16°C, respectively. Relative humidity of the district was around 67-89%. *According to NDVI map the agriculture vigor was moderate over few pockets, whereas according to SPI value (cumulative: 26 December 2019 to 22 January 2020), mildly wet condition was there.*

Forecasted period: 25th January 2020 to 29th January 2020

General Advisory: No rainfall is forecasted for upcoming 4 days but, moderate rainfall is forecasted for Tuesday in the block. The day temperature will 27-29°C and night temperature will be 14-20°C for upcoming 5 days. Maximum and minimum relative humidity will be 84-97% and 15-54% respectively. There will be partly cloudy sky for today after that there will be mainly clear sky for next 4 days. *As moderate rainfall is forecasted for Tuesday, farmers should complete their insecticide and fertilizer application and should pause the irrigation activity in rabi pulses and vegetables before Tuesday.*

Block	Cuttack sadar				
	25/01/2020	26/01/2020	27/01/2020	28/01/2020	29/01/2020
Rainfall(mm)	0	0	0	0	20
T-Max(°C)	29	27	28	28	28
T-Min(°C)	15	16	14	17	20
Cloud Cover(octa)	5	1	0	1	1
RH Max (%)	84	86	94	97	91
RH Min (%)	31	32	22	15	54
Wind Speed (Kmph)	7	5	7	8	18
Wind Direction (deg)	23	45	315	135	198

Agromet Advisory

Pulses:

- The crop is at sowing to 3-4 week stage.
- 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**.

Oil Seeds:

- Mustard:** In present weather condition **aphid** may be found in mustard crop. If observe spray the crop with Dimethoate 30% EC or Quinalphos 25% 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:** 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.
- If **caterpillar** found in groundnut field, spray quinalphos 20% ec @ 2 ml/litre of water in sunny days.
- Rabi groundnut should be sprayed with 500g Blitox-50 powder in 200 litre water to control **Tikka disease**.

Vegetables:

- Tomato:** Transplanted seedlings are at 6-8 week stage in main field. Complete hoeing, weeding and apply 27 kg urea at six week stage. Irrigate the crops after fertilizer application. To control **tomato leaf curl virus** in field, Spray Imidachloprid 17.8% SL @ 0.5 ml or Dimethoate 30% EC @ 1 ml/litre of 10 water at 15, 25, 45 days after transplanting .
- 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.
- Onion:** The transplanted seedlings are at seedling establishment to four week stage in main field.
- Irrigate the crop at 10 days interval. Go for hoeing, weeding and 1 st top dressing with 45kg urea per acre crop area at 4 week stage of crop followed by irrigation.
- Beans and Cow pea:** Sucking pests like **Aphid and white fly** are major pest attacking the crops. Go for alternate spray of Neem based pesticide 1500ppm@600ml/acre with Imidacloprid 17.8SL@70ml/acre.

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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DISTRICT AGROMET UNIT
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Bulletin No-57
Date-24.01.2020

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AGROMET ADVISORY BULLETIN FOR KANTAPADA

District Past week weather condition

The district received 0 mm rainfall during the last week. The mean daily maximum and minimum temperature was 29°C and 16°C, respectively. Relative humidity of the district was around 67-89%. *According to NDVI map the agriculture vigor was moderate over few pockets, whereas according to SPI value (cumulative: 26 December 2019 to 22 January 2020), mildly wet condition was there.*

Forecasted period: 25th January 2020 to 29th January 2020

General Advisory: No rainfall is forecasted for upcoming 4 days but, moderate rainfall is forecasted for Tuesday in the block. The day temperature will 27-29°C and night temperature will be 15-20°C for upcoming 5 days. Maximum and minimum relative humidity will be 88-96% and 16-56% respectively. There will be partly cloudy sky for today after that there will be mainly clear sky for next 4 days. **As moderate rainfall is forecasted for Tuesday, farmers should complete their insecticide and fertilizer application and should pause the irrigation activity in rabi pulses and vegetables before Tuesday.**

Block	Kantapada				
	25/01/2020	26/01/2020	27/01/2020	28/01/2020	29/01/2020
Rainfall(mm)	0	0	0	0	21
T-Max(°C)	28	27	28	29	28
T-Min(°C)	16	16	15	18	20
Cloud Cover(octa)	5	2	0	1	1
RH Max (%)	89	88	96	95	88
RH Min (%)	38	38	28	16	56
Wind Speed (Kmph)	9	7	6	8	19
Wind Direction (deg)	36	45	304	135	201

Agromet Advisory

Pulses:

- The crop is at sowing to 3-4 week stage.
- **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**.

Oil Seeds:

- **Mustard:**In present weather condition **aphid** may be found in mustard crop. If observe spray the crop with Dimethoate 30% EC or Quinalphos 25% 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:** 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.
- If **caterpillar** found in groundnut field, spray quinalphos 20% ec @ 2 ml/litre of water in sunny days.
- Rabi groundnut should be sprayed with 500g Blitox-50 powder in 200 litre water to control **Tikka disease**.

Vegetables:

- **Tomato:** Transplanted seedlings are at 6-8 week stage in main field. Complete hoeing, weeding and apply 27 kg urea at six week stage. Irrigate the crops after fertilizer application. To control **tomato leaf curl virus** in field, Spray Imidachloprid 17.8% SL @ 0.5 ml or Dimethoate 30% EC @ 1 ml/litre of 10 water at 15, 25, 45 days after transplanting .
- **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.
- **Onion:** The transplanted seedlings are at seedling establishment to four week stage in main field.
- Irrigate the crop at 10 days interval. Go for hoeing, weeding and 1 st top dressing with 45kg urea per acre crop area at 4 week stage of crop followed by irrigation.
- **Beans and Cow pea:** Sucking pests like **Aphid and white fly** are major pest attacking the crops. Go for alternate spray of Neem based pesticide 1500ppm@600ml/acre with Imidacloprid 17.8SL@70ml/acre.

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-57
Date-24.01.2020

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AGROMET ADVISORY BULLETIN FOR MAHANGA

District Past week weather condition

The district received 0 mm rainfall during the last week. The mean daily maximum and minimum temperature was 29°C and 16°C, respectively. Relative humidity of the district was around 67-89%. *According to NDVI map the agriculture vigor was moderate over few pockets, whereas according to SPI value (cumulative: 26 December 2019 to 22 January 2020), mildly wet condition was there.*

Forecasted period: 25th January 2020 to 29th January 2020

General Advisory: No rainfall is forecasted for upcoming 4 days but, moderate rainfall is forecasted for Tuesday in the block. The day temperature will 27-29°C and night temperature will be 15-20°C for upcoming 5 days. Maximum and minimum relative humidity will be 79-97% and 19-53% respectively. There will be partly cloudy sky for today after that there will be mainly clear sky for next 4 days. *As moderate rainfall is forecasted for Tuesday, farmers should complete their insecticide and fertilizer application and should pause the irrigation activity in rabi pulses and vegetables before Tuesday.*

Block	Mahanga				
	25/01/2020	26/01/2020	27/01/2020	28/01/2020	29/01/2020
Rainfall(mm)	0	0	0	0	20
T-Max(°C)	28	27	28	28	29
T-Min(°C)	15	15	15	16	20
Cloud Cover(octal)	5	1	0	1	1
RH Max (%)	84	79	97	95	90
RH Min (%)	40	32	28	19	53
Wind Speed (Kmph)	8	6	6	7	18
Wind Direction (deg)	25	23	315	90	198

Agromet Advisory

Pulses:

- The crop is at sowing to 3-4 week stage.
- 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**.

Oil Seeds:

- Mustard:**In present weather condition **aphid** may be found in mustard crop. If observe spray the crop with Dimethoate 30% EC or Quinalphos 25% 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:** 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.
- If **caterpillar** found in groundnut field, spray quinalphos 20% ec @ 2 ml/litre of water in sunny days.
- Rabi groundnut should be sprayed with 500g Blitox-50 powder in 200 litre water to control **Tikka disease**.

Vegetables:

- Tomato:** Transplanted seedlings are at 6-8 week stage in main field. Complete hoeing, weeding and apply 27 kg urea at six week stage. Irrigate the crops after fertilizer application. To control **tomato leaf curl virus** in field, Spray Imidachloprid 17.8% SL @ 0.5 ml or Dimethoate 30% EC @ 1 ml/litre of 10 water at 15, 25, 45 days after transplanting .
- 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.
- Onion:** The transplanted seedlings are at seedling establishment to four week stage in main field.
- Irrigate the crop at 10 days interval. Go for hoeing, weeding and 1 st top dressing with 45kg urea per acre crop area at 4 week stage of crop followed by irrigation.
- Beans and Cow pea:** Sucking pests like **Aphid and white fly** are major pest attacking the crops. Go for alternate spray of Neem based pesticide 1500ppm@600ml/acre with Imidacloprid 17.8SL@70ml/acre.

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-57
Date-24.01.2020

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AGROMET ADVISORY BULLETIN FOR NARASINGHPUR

District Past week weather condition

The district received 0 mm rainfall during the last week. The mean daily maximum and minimum temperature was 29°C and 16°C, respectively. Relative humidity of the district was around 67-89%. *According to NDVI map the agriculture vigor was moderate over few pockets, whereas according to SPI value (cumulative: 26 December 2019 to 22 January 2020), mildly wet condition was there.*

Forecasted period: 25th January 2020 to 29th January 2020

General Advisory: No rainfall is forecasted for upcoming 4 days but, light rainfall is forecasted for Tuesday in the block. The day temperature will 28-29°C and night temperature will be 12-16°C for upcoming 5 days. Maximum and minimum relative humidity will be 38-98% and 15-51% respectively. There will be partly cloudy sky for today after that there will be mainly clear sky for next 4 days. **As light rainfall is forecasted for Tuesday, farmers should complete their insecticide and fertilizer application and should pause the irrigation activity in rabi pulses and vegetables before Tuesday.**

Block	Narasinghpur				
	25/01/2020	26/01/2020	27/01/2020	28/01/2020	29/01/2020
Rainfall(mm)	0	0	0	0	7
T-Max(°C)	29	28	28	28	28
T-Min(°C)	14	14	12	14	16
Cloud Cover(/octa)	3	1	0	1	1
RH Max (%)	95	97	38	97	98
RH Min (%)	22	28	15	15	51
Wind Speed (Kmph)	6	4	6	5	10
Wind Direction (deg)	101	349	338	180	180

Agromet Advisory

Pulses:

- The crop is at sowing to 3-4 week stage.
- **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**.

Oil Seeds:

- **Mustard:**In present weather condition **aphid** may be found in mustard crop. If observe spray the crop with Dimethoate 30% EC or Quinalphos 25% 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:** 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.
- If **caterpillar** found in groundnut field, spray quinalphos 20% ec @ 2 ml/litre of water in sunny days.
- Rabi groundnut should be sprayed with 500g Blitox-50 powder in 200 litre water to control **Tikka disease**.

Vegetables:

- **Tomato:** Transplanted seedlings are at 6-8 week stage in main field. Complete hoeing, weeding and apply 27 kg urea at six week stage. Irrigate the crops after fertilizer application. To control **tomato leaf curl virus** in field, Spray Imidachloprid 17.8% SL @ 0.5 ml or Dimethoate 30% EC @ 1 ml/litre of 10 water at 15, 25, 45 days after transplanting .
- **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.
- **Onion:** The transplanted seedlings are at seedling establishment to four week stage in main field.
- Irrigate the crop at 10 days interval. Go for hoeing, weeding and 1 st top dressing with 45kg urea per acre crop area at 4 week stage of crop followed by irrigation.
- **Beans and Cow pea:** Sucking pests like **Aphid and white fly** are major pest attacking the crops. Go for alternate spray of Neem based pesticide 1500ppm@600ml/acre with Imidacloprid 17.8SL@70ml/acre.

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-57
Date-24.01.2020

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AGROMET ADVISORY BULLETIN FOR NIALI

District Past week weather condition

The district received 0 mm rainfall during the last week. The mean daily maximum and minimum temperature was 29°C and 16°C, respectively. Relative humidity of the district was around 67-89%. *According to NDVI map the agriculture vigor was moderate over few pockets, whereas according to SPI value (cumulative: 26 December 2019 to 22 January 2020), mildly wet condition was there.*

Forecasted period: 25th January 2020 to 29th January 2020

General Advisory: No rainfall is forecasted for upcoming 4 days but, moderate rainfall is forecasted for Tuesday in the block. The day temperature will 27-29°C and night temperature will be 16-20°C for upcoming 5 days. Maximum and minimum relative humidity will be 87-96% and 20-58% respectively. There will be partly cloudy sky for today after that there will be mainly clear sky for next 4 days. *As moderate rainfall is forecasted for Tuesday, farmers should complete their insecticide and fertilizer application and should pause the irrigation activity in rabi pulses and vegetables before Tuesday.*

Block	Niali				
	25/01/2020	26/01/2020	27/01/2020	28/01/2020	29/01/2020
Rainfall(mm)	0	0	1	0	16
T-Max(°C)	28	27	28	29	28
T-Min(°C)	16	16	16	18	20
Cloud Cover(octa)	4	2	0	2	1
RH Max (%)	92	89	96	94	87
RH Min (%)	45	43	33	20	58
Wind Speed (Kmph)	10	7	6	7	19
Wind Direction (deg)	36	120	165	150	201

Agromet Advisory

Pulses:

- The crop is at sowing to 3-4 week stage.
- 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**.

Oil Seeds:

- Mustard:**In present weather condition **aphid** may be found in mustard crop. If observe spray the crop with Dimethoate 30% EC or Quinalphos 25% 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:** 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.
- If **caterpillar** found in groundnut field, spray quinalphos 20% ec @ 2 ml/litre of water in sunny days.
- Rabi groundnut should be sprayed with 500g Blitox-50 powder in 200 litre water to control **Tikka disease**.

Vegetables:

- Tomato:** Transplanted seedlings are at 6-8 week stage in main field. Complete hoeing, weeding and apply 27 kg urea at six week stage. Irrigate the crops after fertilizer application. To control **tomato leaf curl virus** in field, Spray Imidachloprid 17.8% SL @ 0.5 ml or Dimethoate 30% EC @ 1 ml/litre of 10 water at 15, 25, 45 days after transplanting .
- 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.
- Onion:** The transplanted seedlings are at seedling establishment to four week stage in main field.
- Irrigate the crop at 10 days interval. Go for hoeing, weeding and 1 st top dressing with 45kg urea per acre crop area at 4 week stage of crop followed by irrigation.
- Beans and Cow pea:** Sucking pests like **Aphid and white fly** are major pest attacking the crops. Go for alternate spray of Neem based pesticide 1500ppm@600ml/acre with Imidacloprid 17.8SL@70ml/acre.

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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Date-24.01.2020

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AGROMET ADVISORY BULLETIN FOR NISCHINTAKOILI

District Past week weather condition

The district received 0 mm rainfall during the last week. The mean daily maximum and minimum temperature was 29°C and 16°C, respectively. Relative humidity of the district was around 67-89%. *According to NDVI map the agriculture vigor was moderate over few pockets, whereas according to SPI value (cumulative: 26 December 2019 to 22 January 2020), mildly wet condition was there.*

Forecasted period: 25th January 2020 to 29th January 2020

General Advisory: No rainfall is forecasted for upcoming 4 days but, moderate rainfall is forecasted for Tuesday in the block. The day temperature will 27-28°C and night temperature will be 15-20°C for upcoming 5 days. Maximum and minimum relative humidity will be 81-97% and 19-53% respectively. There will be partly cloudy sky for today after that there will be mainly clear sky for next 4 days. *As moderate rainfall is forecasted for Tuesday, farmers should complete their insecticide and fertilizer application and should pause the irrigation activity in rabi pulses and vegetables before Tuesday.*

Block	Nischintakooli				
	25/01/2020	26/01/2020	27/01/2020	28/01/2020	29/01/2020
Rainfall(mm)	0	0	0	0	19
T-Max(°C)	28	27	28	28	28
T-Min(°C)	15	16	16	17	20
Cloud Cover(octa)	5	1	0	1	1
RH Max (%)	86	81	97	95	88
RH Min (%)	41	33	28	19	53
Wind Speed (Kmph)	9	7	6	8	18
Wind Direction (deg)	30	23	304	153	198

Agromet Advisory

Pulses:

- The crop is at sowing to 3-4 week stage.
- 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**.

Oil Seeds:

- Mustard:** In present weather condition **aphid** may be found in mustard crop. If observe spray the crop with Dimethoate 30% EC or Quinalphos 25% 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:** 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.
- If **caterpillar** found in groundnut field, spray quinalphos 20% ec @ 2 ml/litre of water in sunny days.
- Rabi groundnut should be sprayed with 500g Blitox-50 powder in 200 litre water to control **Tikka disease**.

Vegetables:

- Tomato:** Transplanted seedlings are at 6-8 week stage in main field. Complete hoeing, weeding and apply 27 kg urea at six week stage. Irrigate the crops after fertilizer application. To control **tomato leaf curl virus** in field, Spray Imidachloprid 17.8% SL @ 0.5 ml or Dimethoate 30% EC @ 1 ml/litre of 10 water at 15, 25, 45 days after transplanting .
- 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.
- Onion:** The transplanted seedlings are at seedling establishment to four week stage in main field.
- Irrigate the crop at 10 days interval. Go for hoeing, weeding and 1 st top dressing with 45kg urea per acre crop area at 4 week stage of crop followed by irrigation.
- Beans and Cow pea:** Sucking pests like **Aphid and white fly** are major pest attacking the crops. Go for alternate spray of Neem based pesticide 1500ppm@600ml/acre with Imidacloprid 17.8SL@70ml/acre.

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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Date-24.01.2020

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AGROMET ADVISORY BULLETIN FOR SALEPUR

District Past week weather condition

The district received 0 mm rainfall during the last week. The mean daily maximum and minimum temperature was 29°C and 16°C, respectively. Relative humidity of the district was around 67-89%. *According to NDVI map the agriculture vigor was moderate over few pockets, whereas according to SPI value (cumulative: 26 December 2019 to 22 January 2020), mildly wet condition was there.*

Forecasted period: 25th January 2020 to 29th January 2020

General Advisory: No rainfall is forecasted for upcoming 4 days but, moderate rainfall is forecasted for Tuesday in the block. The day temperature will 27-28°C and night temperature will be 15-20°C for upcoming 5 days. Maximum and minimum relative humidity will be 81-97% and 17-53% respectively. There will be partly cloudy sky for today after that there will be mainly clear sky for next 4 days. **As moderate rainfall is forecasted for Tuesday, farmers should complete their insecticide and fertilizer application and should pause the irrigation activity in rabi pulses and vegetables before Tuesday.**

Block	Salepur				
	25/01/2020	26/01/2020	27/01/2020	28/01/2020	29/01/2020
Rainfall(mm)	0	0	0	0	20
T-Max(°C)	28	27	28	28	28
T-Min(°C)	15	16	15	17	20
Cloud Cover(octa)	5	1	0	1	1
RH Max (%)	85	81	97	96	89
RH Min (%)	39	33	27	17	53
Wind Speed (Kmph)	8	6	6	8	18
Wind Direction (deg)	25	27	315	153	198

Agromet Advisory

Pulses:

- The crop is at sowing to 3-4 week stage.
- 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**.

Oil Seeds:

- Mustard:**In present weather condition **aphid** may be found in mustard crop. If observe spray the crop with Dimethoate 30% EC or Quinalphos 25% 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:** 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.
- If **caterpillar** found in groundnut field, spray quinalphos 20% ec @ 2 ml/litre of water in sunny days.
- Rabi groundnut should be sprayed with 500g Blitox-50 powder in 200 litre water to control **Tikka disease**.

Vegetables:

- Tomato:** Transplanted seedlings are at 6-8 week stage in main field. Complete hoeing, weeding and apply 27 kg urea at six week stage. Irrigate the crops after fertilizer application. To control **tomato leaf curl virus** in field, Spray Imidachloprid 17.8% SL @ 0.5 ml or Dimethoate 30% EC @ 1 ml/litre of 10 water at 15, 25, 45 days after transplanting .
- 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.
- Onion:** The transplanted seedlings are at seedling establishment to four week stage in main field.
- Irrigate the crop at 10 days interval. Go for hoeing, weeding and 1 st top dressing with 45kg urea per acre crop area at 4 week stage of crop followed by irrigation.
- Beans and Cow pea:** Sucking pests like **Aphid and white fly** are major pest attacking the crops. Go for alternate spray of Neem based pesticide 1500ppm@600ml/acre with Imidacloprid 17.8SL@70ml/acre.

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-57
Date-24.01.2020

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AGROMET ADVISORY BULLETIN FOR TANGI-CHOUDWAR

District Past week weather condition

The district received 0 mm rainfall during the last week. The mean daily maximum and minimum temperature was 29°C and 16°C, respectively. Relative humidity of the district was around 67-89%. *According to NDVI map the agriculture vigor was moderate over few pockets, whereas according to SPI value (cumulative: 26 December 2019 to 22 January 2020), mildly wet condition was there.*

Forecasted period: 25th January 2020 to 29th January 2020

General Advisory: No rainfall is forecasted for upcoming 4 days but, moderate rainfall is forecasted for Tuesday in the block. The day temperature will 27-28°C and night temperature will be 16-20°C for upcoming 5 days. Maximum and minimum relative humidity will be 82-95% and 42-60% respectively. There will be partly cloudy sky for today after that there will be mainly clear sky for next 4 days. *As moderate rainfall is forecasted for Tuesday, farmers should complete their insecticide and fertilizer application and should pause the irrigation activity in rabi pulses and vegetables before Tuesday.*

Block	Tangi-Choudwar				
	25/01/2020	26/01/2020	27/01/2020	28/01/2020	29/01/2020
Rainfall(mm)	0	0	2	0	9
T-Max(°C)	28	27	28	28	28
T-Min(°C)	16	16	16	17	20
Cloud Cover(octa)	4	0	1	1	0
RH Max (%)	87	82	95	90	85
RH Min (%)	56	45	50	42	60
Wind Speed (Kmph)	13	10	9	8	20
Wind Direction (deg)	63	113	158	116	198

Agromet Advisory

Pulses:

- The crop is at sowing to 3-4 week stage.
- **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**.

Oil Seeds:

- **Mustard:** In present weather condition **aphid** may be found in mustard crop. If observe spray the crop with Dimethoate 30% EC or Quinalphos 25% 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:** 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.
- If **caterpillar** found in groundnut field, spray quinalphos 20% ec @ 2 ml/litre of water in sunny days.
- Rabi groundnut should be sprayed with 500g Blitox-50 powder in 200 litre water to control **Tikka disease**.

Vegetables:

- **Tomato:** Transplanted seedlings are at 6-8 week stage in main field. Complete hoeing, weeding and apply 27 kg urea at six week stage. Irrigate the crops after fertilizer application. To control **tomato leaf curl virus** in field, Spray Imidachloprid 17.8% SL @ 0.5 ml or Dimethoate 30% EC @ 1 ml/litre of 10 water at 15, 25, 45 days after transplanting .
- **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.
- **Onion:** The transplanted seedlings are at seedling establishment to four week stage in main field.
- Irrigate the crop at 10 days interval. Go for hoeing, weeding and 1 st top dressing with 45kg urea per acre crop area at 4 week stage of crop followed by irrigation.
- **Beans and Cow pea:** Sucking pests like **Aphid and white fly** are major pest attacking the crops. Go for alternate spray of Neem based pesticide 1500ppm@600ml/acre with Imidacloprid 17.8SL@70ml/acre.

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-57
Date-24.01.2020

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AGROMET ADVISORY BULLETIN FOR TIGIRIA

District Past week weather condition

The district received 0 mm rainfall during the last week. The mean daily maximum and minimum temperature was 29°C and 16°C, respectively. Relative humidity of the district was around 67-89%. *According to NDVI map the agriculture vigor was moderate over few pockets, whereas according to SPI value (cumulative: 26 December 2019 to 22 January 2020), mildly wet condition was there.*

Forecasted period: 25th January 2020 to 29th January 2020

General Advisory: No rainfall is forecasted for upcoming 4 days but, moderate rainfall is forecasted for Tuesday in the block. The day temperature will 28-30°C and night temperature will be 13-18°C for upcoming 5 days. Maximum and minimum relative humidity will be 67-99% and 15-59% respectively. There will be partly cloudy sky for today after that there will be mainly clear sky for next 4 days. *As moderate rainfall is forecasted for Tuesday, farmers should complete their insecticide and fertilizer application and should pause the irrigation activity in rabi pulses and vegetables before Tuesday.*

Block	Tigiria				
	25/01/2020	26/01/2020	27/01/2020	28/01/2020	29/01/2020
Rainfall(mm)	0	0	0	0	19
T-Max(°C)	30	28	28	28	28
T-Min(°C)	15	15	13	16	18
Cloud Cover(octa)	4	1	0	1	2
RH Max (%)	93	96	67	99	95
RH Min (%)	25	30	20	15	59
Wind Speed (Kmph)	7	6	7	8	16
Wind Direction (deg)	113	15	335	153	180

Agromet Advisory

Pulses:

- The crop is at sowing to 3-4 week stage.
- 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**.

Oil Seeds:

- Mustard:**In present weather condition **aphid** may be found in mustard crop. If observe spray the crop with Dimethoate 30% EC or Quinalphos 25% 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:** 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.
- If **caterpillar** found in groundnut field, spray quinalphos 20% ec @ 2 ml/litre of water in sunny days.
- Rabi groundnut should be sprayed with 500g Blitox-50 powder in 200 litre water to control **Tikka disease**.

Vegetables:

- Tomato:** Transplanted seedlings are at 6-8 week stage in main field. Complete hoeing, weeding and apply 27 kg urea at six week stage. Irrigate the crops after fertilizer application. To control **tomato leaf curl virus** in field, Spray Imidachloprid 17.8% SL @ 0.5 ml or Dimethoate 30% EC @ 1 ml/litre of 10 water at 15, 25, 45 days after transplanting .
- 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.
- Onion:** The transplanted seedlings are at seedling establishment to four week stage in main field.
- Irrigate the crop at 10 days interval. Go for hoeing, weeding and 1 st top dressing with 45kg urea per acre crop area at 4 week stage of crop followed by irrigation.
- Beans and Cow pea:** Sucking pests like **Aphid and white fly** are major pest attacking the crops. Go for alternate spray of Neem based pesticide 1500ppm@600ml/acre with Imidacloprid 17.8SL@70ml/acre.

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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