



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



**Bulletin No-56**  
**Date-21.01.2020**

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 69-88%. *According to NDVI map the agriculture vigor was moderate over maximum places, whereas according to SPI value (cumulative: 19 December 2019 to 15 January 2020), mildly wet condition was there.*

**Forecasted period: 22<sup>nd</sup> January 2020 to 26<sup>th</sup> January 2020**

**General Advisory:** No rainfall is forecasted for upcoming 5 days in the block. The day temperature will 28-30°C and night temperature will be 15-17°C for upcoming 5 days. Maximum and minimum relative humidity will be 87-99% and 21-39% respectively. There will be partly to mainly cloudy sky from Thursday to Saturday. *As no rain fall is forecasted, to meet the soil moisture demand in the block, farmers should complete the irrigation in rabi pulses and oil seeds as per the requirement during the critical stage before January last. Farmers should vigil the crop field for insect pest attack in the humid and cloudy weather and go for proper plant protection measures.*

Block	Athagad				
Date	22/01/2020	23/01/2020	24/01/2020	25/01/2020	26/01/2020
Rainfall (mm)	0	0	0	0	0
T-Max (°C)	28	30	30	30	28
T-Min (°C)	15	16	17	16	15
Cloud Cover (octa)	1	2	4	4	6
RH Max (%)	90	88	87	99	96
RH Min (%)	39	34	37	29	21
Wind Speed (kmph)	4	5	7	9	7
Wind Direction (deg)	135	180	158	23	15

**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.
- Current weather is favourable for attack of cabbage webber and mustard sawfly. To control it, go for alternate spray of Profenophos@2ml/litre of water with Neem oil@5ml/litre of water.
- 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.
- If **caterpillar** found in groundnut field, spray quinalphos 20% ec @ 2 ml/litre of water in sunny days.

**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.
- 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.

**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)**

E-mail: kvkcuttack@gmail.com



Bulletin No-56  
Date-21.01.2020

**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 69-88%. *According to NDVI map the agriculture vigor was moderate over maximum places, whereas according to SPI value (cumulative: 19 December 2019 to 15 January 2020), mildly wet condition was there.*

**Forecasted period: 22<sup>nd</sup> January 2020 to 26<sup>th</sup> January 2020**

**General Advisory:** No rainfall is forecasted for upcoming 5 days in the block. The day temperature will 28-31°C and night temperature will be 14-16°C for upcoming 5 days. Maximum and minimum relative humidity will be 79-97% and 19-46% respectively. There will be partly to mainly cloudy sky from Thursday to Saturday. *As no rain fall is forecasted, to meet the soil moisture demand in the block, farmers should complete the irrigation in rabi pulses and oil seeds as per the requirement during the critical stage before January last. Farmers should vigil the crop field for insect pest attack in the humid and cloudy weather and go for proper plant protection measures.*

Block	Badamba				
Date	22/01/2020	23/01/2020	24/01/2020	25/01/2020	26/01/2020
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	28	30	30	31	28
T-Min(°C)	14	15	16	14	14
Cloud Cover(octa)	1	2	4	4	5
RH Max (%)	94	93	79	93	97
RH Min (%)	46	35	38	27	19
Wind Speed (Kmph)	5	5	7	8	6
Wind Direction (deg)	144	195	165	15	345

**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.
- Current weather is favourable for attack of cabbage webber and mustard sawfly. To control it, go for alternate spray of Profenophos@2ml/litre of water with Neem oil@5ml/litre of water.
- 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.
- If **caterpillar** found in groundnut field, spray quinalphos 20% ec @ 2 ml/litre of water in sunny days.

**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.
- 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.

**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)**

E-mail: kvkcuttack@gmail.com



Bulletin No-56  
Date-21.01.2020

**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 69-88%. *According to NDVI map the agriculture vigor was moderate over maximum places, whereas according to SPI value (cumulative: 19 December 2019 to 15 January 2020), mildly wet condition was there.*

**Forecasted period: 22<sup>nd</sup> January 2020 to 26<sup>th</sup> January 2020**

**General Advisory:** No rainfall is forecasted for upcoming 5 days in the block. The day temperature will 29-31°C and night temperature will be 14-16°C for upcoming 5 days. Maximum and minimum relative humidity will be 83-98% and 20-41% respectively. There will be partly to mainly cloudy sky from Thursday to Saturday. *As no rain fall is forecasted, to meet the soil moisture demand in the block, farmers should complete the irrigation in rabi pulses and oil seeds as per the requirement during the critical stage before January last. Farmers should vigil the crop field for insect pest attack in the humid and cloudy weather and go for proper plant protection measures.*

Block	Banki				
Date	22/01/2020	23/01/2020	24/01/2020	25/01/2020	26/01/2020
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	29	30	30	31	29
T-Min(°C)	14	16	16	16	15
Cloud Cover(octa)	1	2	4	5	6
RH Max (%)	92	90	83	98	98
RH Min (%)	41	35	38	27	20
Wind Speed (Kmph)	5	5	8	8	7
Wind Direction (deg)	126	195	210	23	15

**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.
- Current weather is favourable for attack of cabbage webber and mustard sawfly. To control it, go for alternate spray of Profenophos@2ml/litre of water with Neem oil@5ml/litre of water.
- 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.
- If **caterpillar** found in groundnut field, spray quinalphos 20% ec @ 2 ml/litre of water in sunny days.

**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.
- 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.

**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-56**  
**Date-21.01.2020**

E-mail: kvkcuttack@gmail.com  
**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 69-88%. *According to NDVI map the agriculture vigor was moderate over maximum places, whereas according to SPI value (cumulative: 19 December 2019 to 15 January 2020), mildly wet condition was there.*

**Forecasted period: 22<sup>nd</sup> January 2020 to 26<sup>th</sup> January 2020**

**General Advisory:** No rainfall is forecasted for upcoming 5 days in the block. The day temperature will 29-31°C and night temperature will be 15-16°C for upcoming 5 days. Maximum and minimum relative humidity will be 84-98% and 21-40% respectively. There will be partly to mainly cloudy sky from Thursday to Saturday. *As no rain fall is forecasted, to meet the soil moisture demand in the block, farmers should complete the irrigation in rabi pulses and oil seeds as per the requirement during the critical stage before January last. Farmers should vigil the crop field for insect pest attack in the humid and cloudy weather and go for proper plant protection measures.*

Block	Banki-Dampara				
Date	22/01/2020	23/01/2020	24/01/2020	25/01/2020	26/01/2020
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	29	30	30	31	29
T-Min(°C)	15	16	16	16	15
Cloud Cover(octa)	1	2	4	5	6
RH Max (%)	92	90	84	98	98
RH Min (%)	40	34	38	27	21
Wind Speed (Kmph)	5	5	8	8	7
Wind Direction (deg)	115	195	210	23	15

**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.
- Current weather is favourable for attack of cabbage webber and mustard sawfly. To control it, go for alternate spray of Profenophos@2ml/litre of water with Neem oil@5ml/litre of water.
- 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.
- If **caterpillar** found in groundnut field, spray quinalphos 20% ec @ 2 ml/litre of water in sunny days.

**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.
- 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.

**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-56**  
**Date-21.01.2020**

E-mail: kvkcuttack@gmail.com  
**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 69-88%. *According to NDVI map the agriculture vigor was moderate over maximum places, whereas according to SPI value (cumulative: 19 December 2019 to 15 January 2020), mildly wet condition was there.*

**Forecasted period: 22<sup>nd</sup> January 2020 to 26<sup>th</sup> January 2020**

**General Advisory:** No rainfall is forecasted for upcoming 5 days in the block. The day temperature will 28-30°C and night temperature will be 15-17°C for upcoming 5 days. Maximum and minimum relative humidity will be 82-97% and 25-38% respectively. There will be partly to mainly cloudy sky from Thursday to Saturday. *As no rain fall is forecasted, to meet the soil moisture demand in the block, farmers should complete the irrigation in rabi pulses and oil seeds as per the requirement during the critical stage before January last. Farmers should vigil the crop field for insect pest attack in the humid and cloudy weather and go for proper plant protection measures.*

Block	Baranga				
Date	22/01/2020	23/01/2020	24/01/2020	25/01/2020	26/01/2020
Rainfall(mm)	0	0	0	1	0
T-Max(°C)	29	29	30	30	28
T-Min(°C)	15	17	17	17	16
Cloud Cover	1	2	4	5	6
RH Max (%)	86	82	89	97	96
RH Min (%)	37	32	38	31	25
Wind Speed (Kmph)	5	5	8	10	7
Wind Direction (deg)	23	189	205	23	23

**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.
- Current weather is favourable for attack of cabbage webber and mustard sawfly. To control it, go for alternate spray of Profenophos@2ml/litre of water with Neem oil@5ml/litre of water.
- 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.
- If **caterpillar** found in groundnut field, spray quinalphos 20% ec @ 2 ml/litre of water in sunny days.

**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.
- 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.

**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)**

E-mail: kvkcuttack@gmail.com



Bulletin No-56  
Date-21.01.2020

**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 69-88%. *According to NDVI map the agriculture vigor was moderate over maximum places, whereas according to SPI value (cumulative: 19 December 2019 to 15 January 2020), mildly wet condition was there.*

**Forecasted period: 22<sup>nd</sup> January 2020 to 26<sup>th</sup> January 2020**

**General Advisory:** No rainfall is forecasted for upcoming 5 days in the block. The day temperature will 28-30°C and night temperature will be 15-17°C for upcoming 5 days. Maximum and minimum relative humidity will be 82-97% and 24-38% respectively. There will be partly to mainly cloudy sky from Thursday to Saturday. *As no rain fall is forecasted, to meet the soil moisture demand in the block, farmers should complete the irrigation in rabi pulses and oil seeds as per the requirement during the critical stage before January last. Farmers should vigil the crop field for insect pest attack in the humid and cloudy weather and go for proper plant protection measures.*

Block	Cuttack sadar				
Date	22/01/2020	23/01/2020	24/01/2020	25/01/2020	26/01/2020
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	28	29	30	30	28
T-Min(°C)	15	17	17	17	16
Cloud Cover(octa)	1	2	4	4	6
RH Max (%)	86	82	89	97	94
RH Min (%)	38	33	37	31	24
Wind Speed (Kmph)	5	5	7	8	7
Wind Direction (deg)	23	180	210	30	20

**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.
- Current weather is favourable for attack of cabbage webber and mustard sawfly. To control it, go for alternate spray of Profenophos@2ml/litre of water with Neem oil@5ml/litre of water.
- 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.
- If **caterpillar** found in groundnut field, spray quinalphos 20% ec @ 2 ml/litre of water in sunny days.

**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.
- 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.

**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-56**  
**Date-21.01.2020**

**E-mail: kvkcuttack@gmail.com**  
**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 69-88%. *According to NDVI map the agriculture vigor was moderate over maximum places, whereas according to SPI value (cumulative: 19 December 2019 to 15 January 2020), mildly wet condition was there.*

**Forecasted period: 22<sup>nd</sup> January 2020 to 26<sup>th</sup> January 2020**

**General Advisory:** No rainfall is forecasted for upcoming 5 days in the block. The day temperature will 28-30°C and night temperature will be 15-18°C for upcoming 5 days. Maximum and minimum relative humidity will be 81-95% and 30-40% respectively. There will be partly to mainly cloudy sky from Thursday to Saturday. *As no rain fall is forecasted, to meet the soil moisture demand in the block, farmers should complete the irrigation in rabi pulses and oil seeds as per the requirement during the critical stage before January last. Farmers should vigil the crop field for insect pest attack in the humid and cloudy weather and go for proper plant protection measures.*

Block	Kantapada				
Date	22/01/2020	23/01/2020	24/01/2020	25/01/2020	26/01/2020
Rainfall(mm)	0	0	0	2	0
T-Max(°C)	28	29	30	29	28
T-Min(°C)	16	17	18	16	15
Cloud Cover(octa)	1	2	4	6	6
RH Max (%)	85	81	88	95	95
RH Min (%)	40	33	39	35	30
Wind Speed (Kmph)	7	5	9	11	8
Wind Direction (deg)	68	195	200	23	19

**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.
- Current weather is favourable for attack of cabbage webber and mustard sawfly. To control it, go for alternate spray of Profenophos@2ml/litre of water with Neem oil@5ml/litre of water.
- 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.
- If **caterpillar** found in groundnut field, spray quinalphos 20% ec @ 2 ml/litre of water in sunny days.

**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.
- 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.

**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-56**  
**Date-21.01.2020**

E-mail: kvkcuttack@gmail.com

**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 69-88%. *According to NDVI map the agriculture vigor was moderate over maximum places, whereas according to SPI value (cumulative: 19 December 2019 to 15 January 2020), mildly wet condition was there.*

**Forecasted period: 22<sup>nd</sup> January 2020 to 26<sup>th</sup> January 2020**

**General Advisory:** No rainfall is forecasted for upcoming 5 days in the block. The day temperature will 28-30°C and night temperature will be 15-18°C for upcoming 5 days. Maximum and minimum relative humidity will be 78-91% and 28-41% respectively. There will be partly to mainly cloudy sky from Thursday to Saturday. *As no rain fall is forecasted, to meet the soil moisture demand in the block, farmers should complete the irrigation in rabi pulses and oil seeds as per the requirement during the critical stage before January last. Farmers should vigil the crop field for insect pest attack in the humid and cloudy weather and go for proper plant protection measures.*

Block	Mahanga				
Date	22/01/2020	23/01/2020	24/01/2020	25/01/2020	26/01/2020
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	28	29	30	29	28
T-Min(°C)	15	17	18	16	15
Cloud Cover(octal)	1	2	5	4	5
RH Max (%)	80	78	87	91	86
RH Min (%)	41	32	39	36	28
Wind Speed (Kmph)	7	5	8	9	7
Wind Direction (deg)	342	243	180	23	30

**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.
- Current weather is favourable for attack of cabbage webber and mustard sawfly. To control it, go for alternate spray of Profenophos@2ml/litre of water with Neem oil@5ml/litre of water.
- 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.
- If **caterpillar** found in groundnut field, spray quinalphos 20% ec @ 2 ml/litre of water in sunny days.

**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.
- 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.

**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-56**  
**Date-21.01.2020**

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

**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 69-88%. *According to NDVI map the agriculture vigor was moderate over maximum places, whereas according to SPI value (cumulative: 19 December 2019 to 15 January 2020), mildly wet condition was there.*

**Forecasted period: 22<sup>nd</sup> January 2020 to 26<sup>th</sup> January 2020**

**General Advisory:** No rainfall is forecasted for upcoming 5 days in the block. The day temperature will 28-31°C and night temperature will be 11-16°C for upcoming 5 days. Maximum and minimum relative humidity will be 70-97% and 18-49% respectively. There will be partly to mainly cloudy sky from Thursday to Saturday. *As no rain fall is forecasted, to meet the soil moisture demand in the block, farmers should complete the irrigation in rabi pulses and oil seeds as per the requirement during the critical stage before January last. Farmers should vigil the crop field for insect pest attack in the humid and cloudy weather and go for proper plant protection measures.*

Block	Narsinghpur				
Date	22/01/2020	23/01/2020	24/01/2020	25/01/2020	26/01/2020
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	28	30	31	30	28
T-Min(°C)	14	15	16	12	11
Cloud Cover(/octa)	2	3	3	3	4
RH Max (%)	97	96	72	70	88
RH Min (%)	49	34	38	27	18
Wind Speed (Kmph)	5	4	5	7	5
Wind Direction (deg)	158	195	210	349	338

**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.
- Current weather is favourable for attack of cabbage webber and mustard sawfly. To control it, go for alternate spray of Profenophos@2ml/litre of water with Neem oil@5ml/litre of water.
- 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.
- If **caterpillar** found in groundnut field, spray quinalphos 20% ec @ 2 ml/litre of water in sunny days.

**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.
- 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.

**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-56**  
**Date-21.01.2020**

E-mail: kvkcuttack@gmail.com  
**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 69-88%. *According to NDVI map the agriculture vigor was moderate over maximum places, whereas according to SPI value (cumulative: 19 December 2019 to 15 January 2020), mildly wet condition was there.*

**Forecasted period: 22<sup>nd</sup> January 2020 to 26<sup>th</sup> January 2020**

**General Advisory:** No rainfall is forecasted for upcoming 5 days in the block. The day temperature will 28-30°C and night temperature will be 15-18°C for upcoming 5 days. Maximum and minimum relative humidity will be 81-96% and 36-44% respectively. There will be partly to mainly cloudy sky from Thursday to Saturday. *As no rain fall is forecasted, to meet the soil moisture demand in the block, farmers should complete the irrigation in rabi pulses and oil seeds as per the requirement during the critical stage before January last. Farmers should vigil the crop field for insect pest attack in the humid and cloudy weather and go for proper plant protection measures.*

Block	Niali				
Date	22/01/2020	23/01/2020	24/01/2020	25/01/2020	26/01/2020
Rainfall(mm)	0	0	0	1	0
T-Max(°C)	28	29	30	30	28
T-Min(°C)	16	17	18	16	15
Cloud Cover(octa)	1	3	4	7	7
RH Max (%)	85	81	87	96	96
RH Min (%)	44	36	41	39	35
Wind Speed (Kmph)	8	6	9	10	9
Wind Direction (deg)	101	150	195	25	34

**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.
- Current weather is favourable for attack of cabbage webber and mustard sawfly. To control it, go for alternate spray of Profenophos@2ml/litre of water with Neem oil@5ml/litre of water.
- 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.
- If **caterpillar** found in groundnut field, spray quinalphos 20% ec @ 2 ml/litre of water in sunny days.

**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.
- 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.

**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-9861445080/70084534227**



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

E-mail: kvkcuttack@gmail.com



Bulletin No-56  
Date-21.01.2020

**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 69-88%. *According to NDVI map the agriculture vigor was moderate over maximum places, whereas according to SPI value (cumulative: 19 December 2019 to 15 January 2020), mildly wet condition was there.*

**Forecasted period: 22<sup>nd</sup> January 2020 to 26<sup>th</sup> January 2020**

**General Advisory:** No rainfall is forecasted for upcoming 5 days in the block. The day temperature will 28-30°C and night temperature will be 15-18°C for upcoming 5 days. Maximum and minimum relative humidity will be 78-92% and 29-40% respectively. There will be partly to mainly cloudy sky from Thursday to Saturday. *As no rain fall is forecasted, to meet the soil moisture demand in the block, farmers should complete the irrigation in rabi pulses and oil seeds as per the requirement during the critical stage before January last. Farmers should vigil the crop field for insect pest attack in the humid and cloudy weather and go for proper plant protection measures.*

Block	Nischintakoili				
Date	22/01/2020	23/01/2020	24/01/2020	25/01/2020	26/01/2020
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	28	29	30	29	28
T-Min(°C)	15	17	18	16	15
Cloud Cover(octa)	1	2	5	5	6
RH Max (%)	80	78	87	92	88
RH Min (%)	40	31	39	37	29
Wind Speed (Kmph)	7	5	8	9	8
Wind Direction (deg)	23	243	195	23	30

**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.
- Current weather is favourable for attack of cabbage webber and mustard sawfly. To control it, go for alternate spray of Profenophos@2ml/litre of water with Neem oil@5ml/litre of water.
- 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.
- If **caterpillar** found in groundnut field, spray quinalphos 20% ec @ 2 ml/litre of water in sunny days.

**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.
- 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.

**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)**

E-mail: kvkcuttack@gmail.com



Bulletin No-56  
Date-21.01.2020

**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 69-88%. *According to NDVI map the agriculture vigor was moderate over maximum places, whereas according to SPI value (cumulative: 19 December 2019 to 15 January 2020), mildly wet condition was there.*

**Forecasted period: 22<sup>nd</sup> January 2020 to 26<sup>th</sup> January 2020**

**General Advisory:** No rainfall is forecasted for upcoming 5 days in the block. The day temperature will 28-30°C and night temperature will be 15-18°C for upcoming 5 days. Maximum and minimum relative humidity will be 78-92% and 28-40% respectively. There will be partly to mainly cloudy sky from Thursday to Saturday. *As no rain fall is forecasted, to meet the soil moisture demand in the block, farmers should complete the irrigation in rabi pulses and oil seeds as per the requirement during the critical stage before January last. Farmers should vigil the crop field for insect pest attack in the humid and cloudy weather and go for proper plant protection measures.*

Block	Salepur				
Date	22/01/2020	23/01/2020	24/01/2020	25/01/2020	26/01/2020
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	28	29	30	29	28
T-Min(°C)	15	17	18	16	15
Cloud Cover(octa)	1	2	5	5	6
RH Max (%)	81	78	87	92	89
RH Min (%)	40	32	39	35	28
Wind Speed (Kmph)	7	5	8	9	7
Wind Direction (deg)	23	243	180	23	23

**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.
- Current weather is favourable for attack of cabbage webber and mustard sawfly. To control it, go for alternate spray of Profenophos@2ml/litre of water with Neem oil@5ml/litre of water.
- 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.
- If **caterpillar** found in groundnut field, spray quinalphos 20% ec @ 2 ml/litre of water in sunny days.

**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.
- 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.

**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)**

E-mail: kvkcuttack@gmail.com



Bulletin No-56  
Date-21.01.2020

**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 69-88%. *According to NDVI map the agriculture vigor was moderate over maximum places, whereas according to SPI value (cumulative: 19 December 2019 to 15 January 2020), mildly wet condition was there.*

**Forecasted period: 22<sup>nd</sup> January 2020 to 26<sup>th</sup> January 2020**

**General Advisory:** No rainfall is forecasted for upcoming 5 days in the block. The day temperature will 27-30°C and night temperature will be 15-18°C for upcoming 5 days. Maximum and minimum relative humidity will be 78-93% and 41-55% respectively. There will be partly to mainly cloudy sky from Thursday to Saturday. *As no rain fall is forecasted, to meet the soil moisture demand in the block, farmers should complete the irrigation in rabi pulses and oil seeds as per the requirement during the critical stage before January last. Farmers should vigil the crop field for insect pest attack in the humid and cloudy weather and go for proper plant protection measures.*

Block	Tangi-Choudwar				
Date	22/01/2020	23/01/2020	24/01/2020	25/01/2020	26/01/2020
Rainfall(mm)	0	0	0	1	0
T-Max(°C)	28	28	30	29	27
T-Min(°C)	15	17	18	16	15
Cloud Cover(octa)	0	3	4	6	6
RH Max (%)	80	78	83	93	92
RH Min (%)	53	41	47	55	44
Wind Speed (Kmph)	11	8	10	11	11
Wind Direction (deg)	75	113	180	105	34

**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.
- Current weather is favourable for attack of cabbage webber and mustard sawfly. To control it, go for alternate spray of Profenophos@2ml/litre of water with Neem oil@5ml/litre of water.
- 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.
- If **caterpillar** found in groundnut field, spray quinalphos 20% ec @ 2 ml/litre of water in sunny days.

**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.
- 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.

**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)**

E-mail: kvkcuttack@gmail.com



Bulletin No-56  
Date-21.01.2020

**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 69-88%. *According to NDVI map the agriculture vigor was moderate over maximum places, whereas according to SPI value (cumulative: 19 December 2019 to 15 January 2020), mildly wet condition was there.*

**Forecasted period: 22<sup>nd</sup> January 2020 to 26<sup>th</sup> January 2020**

**General Advisory:** No rainfall is forecasted for upcoming 5 days in the block. The day temperature will 28-30°C and night temperature will be 14-16°C for upcoming 5 days. Maximum and minimum relative humidity will be 83-98% and 21-42% respectively. There will be partly to mainly cloudy sky from Thursday to Saturday. *As no rain fall is forecasted, to meet the soil moisture demand in the block, farmers should complete the irrigation in rabi pulses and oil seeds as per the requirement during the critical stage before January last. Farmers should vigil the crop field for insect pest attack in the humid and cloudy weather and go for proper plant protection measures.*

Block	Tigiria				
Date	22/01/2020	23/01/2020	24/01/2020	25/01/2020	26/01/2020
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	28	30	30	30	28
T-Min(°C)	14	16	16	16	15
Cloud Cover(octa)	1	2	4	4	6
RH Max (%)	92	91	83	98	96
RH Min (%)	42	35	38	29	21
Wind Speed (Kmph)	4	5	6	8	7
Wind Direction (deg)	152	180	158	15	15

**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.
- Current weather is favourable for attack of cabbage webber and mustard sawfly. To control it, go for alternate spray of Profenophos@2ml/litre of water with Neem oil@5ml/litre of water.
- **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.
- If **caterpillar** found in groundnut field, spray quinalphos 20% ec @ 2 ml/litre of water in sunny days.

**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.
- **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.

**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.