



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



Bulletin No-72  
Date-17.03.2020

E-mail: kvkcuttack@gmail.com  
**AGROMET ADVISORY BULLETIN FOR ATHAGAD**  
District Past week weather condition

The district received 12 mm rainfall during the last week. The mean daily maximum and minimum temperature was 34°C and 21°C, respectively. Relative humidity of the district was around 80-61%. *According to NDVI map (04.03.2020 to 10.03.2020) the agriculture vigor was less over maximum blocks, whereas according to SPI value (cumulative 4weeks-13 February 2020 to 11 March 2020), severely wet condition was there.*

**Forecasted period: 18<sup>th</sup> March 2020 to 22<sup>nd</sup> March 2020**

**General Advisory:** Moderate rainfall is forecasted for Thursday and Friday and after that light rainfall is forecasted for Saturday. The day temperature will 33-34°C and night temperature will be 21-24°C for upcoming 5 days. Maximum and minimum relative humidity will be 66-83% and 22-27% respectively. There will partly to overcast sky for next 5 days. *As rainfall is forecasted, farmers should drain out excess water from field and store in water harvesting structure for future purpose. Farmers should complete their pesticide and fertilizer application before Thursday. The forecasted rain may aggravate wilt disease in Bean, Tomato, Brinjal and Cowpea, so integrated disease management practices should be followed by the farmers.*

Block	Athagad				
	18/03/2020	19/03/2020	20/03/2020	21/03/2020	22/03/2020
Date					
Rainfall (mm)	0	0	10	15	7
T-Max (°C)	33	33	33	34	33
T-Min (°C)	22	24	21	23	21
Cloud Cover (octa)	2	8	6	6	5
RH Max (%)	79	75	73	66	83
RH Min (%)	27	22	25	22	26
Wind Speed (kmph)	8	8	9	12	13
Wind Direction (deg)	205	203	199	270	158

**Agromet Advisory**

**Pulses:**

- The crop is at pod formation to harvesting (9-12 week) stage. Harvest the matured pods before Thursday if possible and keep in safe place. **Pod borer** may feed on the developing pods and seeds. Spray profenofos 50EC @2ml / lit water.
- To prevent **wilting in case of pulses** apply 1ml Validamycin in 1 ltr of water.

**Oil Seeds:**

**Mustard:**

- Rainfed mustard sown during October is at maturity stage. Go for harvesting and dry the plants under sun for easy threshing and safe storage.
- present weather may favour the infestation of **saw fly, leaf webber and aphids**. To control saw fly, spray 400ml Endosulphan/acre, to control leaf webber spray 200 ml Ithofenprox or Deltamethrin per acre. Spray 400 ml Dimethoate or Methyl demeton or 50 ml Imidachloprid in 200 litre water. Spray 1 kg Cuppor Oxychloride or 800 g Dethane-M 45/acre in 200 litre water to control **leaf blight disease**.

**Groundnut:**

- Due to abrupt rise and fall in temperature and forecasted rain, there is possibility of attack of **Tobacco caterpillar** (Spodoptera litura). The forecasted weather is also favourable for its proliferation. This is a polyphagous pest. So following integrated approach should be started.
  - a) Use Pheromone trap using Spodo lure to monitor adult population of the insect.
  - b) Bird perching should be encouraged and night fire should be widely popularized
- In case of appearance of the caterpillar, prepare poison bait with 1 kg rice bran+ 200g jaggery/gur+20-25g Cartap Hydrochloride +Water. Keep the bait at 20-25 different places in the affected field.

**Vegetables:**

- **Downymildew infestation** may occur after the rain in vegetables like cucumber, pumpkin, bittergourd. Spray 2g Metalaxyl + Mancozeb per litre of water 2 to 3 times.
- For **leaf blight in tomato**, spray 2g Chlorothalonil or 3g Copper oxychloride per litre of water. For **rust in Cowpea**, spray 2g Chlorothalonil or 2g Oxycarboxin per litre of water. In case of **early blight in Potato**, use copper based fungicide like Mancozeb 75 WP@ 2g/ltr at 15 days interval three to four times. Destroy the diseased plant parts properly.
- The forecasted rain may aggravate **wilt disease in Bean, Tomato, Brinjal and Cowpea**. Following integrated disease management practices should be followed. 1. Drain out excess water from the fields soon. 2. The affected plants should be uprooted and destroyed to prevent spread of the disease. 3. Avoid excess application of nitrogenous fertilizers. 4. To control it, go for soil drenching of Tricoderma viridae@5g/litre of water and need based spraying of Tebuconazole @1g/litre of water along with Streptocycline@0.1g/litre of water.

**Animal husbandry:**

- Provide sufficient clean drinking water to animals. Contact departmental personnel for vaccination.

**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-72**  
**Date-17.03.2020**

E-mail: [kvkcuttack@gmail.com](mailto:kvkcuttack@gmail.com)  
**AGROMET ADVISORY BULLETIN FOR BADAMBA**

The district received 12 mm rainfall during the last week. The mean daily maximum and minimum temperature was 34°C and 21°C, respectively. Relative humidity of the district was around 80-61%. *According to NDVI map (04.03.2020 to 10.03.2020) the agriculture vigor was less over maximum blocks, whereas according to SPI value (cumulative 4weeks-13 February 2020 to 11 March 2020), severely wet condition was there.*

**Forecasted period: 18<sup>th</sup> March 2020 to 22<sup>nd</sup> March 2020**

**General Advisory:** Moderate rainfall is forecasted for Thursday and Friday and after that light rainfall is forecasted for Saturday. The day temperature will 33-34°C and night temperature will be 20-24°C for upcoming 5 days. Maximum and minimum relative humidity will be 62-82% and 20-26% respectively. There will be partly to overcast sky for next 5 days. *As rainfall is forecasted, farmers should drain out excess water from field and store in water harvesting structure for future purpose. Farmers should complete their pesticide and fertilizer application before Thursday. The forecasted rain may aggravate wilt disease in Bean, Tomato, Brinjal and Cowpea, so integrated disease management practices should be followed by the farmers.*

Block	Badamba				
	18/03/2020	19/03/2020	20/03/2020	21/03/2020	22/03/2020
Rainfall(mm)	0	0	9	14	6
T-Max(°C)	34	33	33	34	33
T-Min(°C)	22	24	21	22	20
Cloud Cover(octa)	2	8	6	6	5
RH Max (%)	75	69	68	62	82
RH Min (%)	25	22	26	20	24
Wind Speed (Kmph)	8	7	10	12	11
Wind Direction (deg)	207	165	203	255	165

**Agromet Advisory**

**Pulses:**

- The crop is at pod formation to harvesting (9-12 week) stage. Harvest the matured pods before Thursday if possible and keep in safe place. **Pod borer** may feed on the developing pods and seeds. Spray profenofos 50EC @2ml / lit water.
- To prevent **wilting in case of pulses** apply 1ml Validamycin in 1 ltr of water.

**Oil Seeds:**

**Mustard:**

- Rainfed mustard sown during October is at maturity stage. Go for harvesting and dry the plants under sun for easy threshing and safe storage.
- present weather may favour the infestation of **saw fly, leaf webber and aphids**. To control saw fly, spray 400ml Endosulphan/acre, to control leaf webber spray 200 ml Ithofenprox or Deltamethrin per acre. Spray 400 ml Dimethoate or Methyl demeton or 50 ml Imidachloprid in 200 litre water. Spray 1 kg Cuppor Oxychloride or 800 g Dethane-M 45/acre in 200 litre water to control **leaf blight disease**.
- Groundnut:**
- Due to abrupt rise and fall in temperature and forecasted rain, there is possibility of attack of **Tobacco caterpillar** (Spodoptera litura). The forecasted weather is also favourable for its proliferation. This is a polyphagous pest. So following integrated approach should be started.
  - Use Pheromone trap using Spodo lure to monitor adult population of the insect.
  - Bird perching should be encouraged and night fire should be widely popularized
- In case of appearance of the caterpillar, prepare poison bait with 1 kg rice bran+ 200g jaggery/gur+20-25g Cartap Hydrochloride +Water. Keep the bait at 20-25 different places in the affected field.

**Vegetables:**

- Downy mildew infestation** may occur after the rain in vegetables like cucumber, pumpkin, bittergourd. Spray 2g Metalaxyl + Mancozeb per litre of water 2 to 3 times.
- For **leaf blight in tomato**, spray 2g Chlorothalonil or 3g Copper oxychloride per litre of water. For **rust in Cowpea**, spray 2g Chlorothalonil or 2g Oxycarboxin per litre of water. In case of **early blight in Potato**, use copper based fungicide like Mancozeb 75 WP@ 2g/ltr at 15 days interval three to four times. Destroy the diseased plant parts properly.
- The forecasted rain may aggravate **wilt disease in Bean, Tomato, Brinjal and Cowpea**. Following integrated disease management practices should be followed. 1. Drain out excess water from the fields soon. 2. The affected plants should be uprooted and destroyed to prevent spread of the disease. 3. Avoid excess application of nitrogenous fertilizers. 4. To control it, go for soil drenching of Tricoderma viridae@5g/litre of water and need based spraying of Tebuconazole @ 1g/litre of water along with Streptocycline@0.1g/litre of water.

**Animal husbandry:**

- Provide sufficient clean drinking water to animals. Contact departmental personnel for vaccination.

**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-72**  
**Date-17.03.2020**

**E-mail: kvkcuttack@gmail.com**  
**AGROMET ADVISORY BULLETIN FOR BANKI**  
**District Past week weather condition**

The district received 12 mm rainfall during the last week. The mean daily maximum and minimum temperature was 34°C and 21°C, respectively. Relative humidity of the district was around 80-61%. *According to NDVI map (04.03.2020 to 10.03.2020) the agriculture vigor was less over maximum blocks, whereas according to SPI value (cumulative 4weeks-13 February 2020 to 11 March 2020), severely wet condition was there.*

**Forecasted period: 18<sup>th</sup> March 2020 to 22<sup>nd</sup> March 2020**

**General Advisory:** Moderate rainfall is forecasted for Thursday and Friday and after that light rainfall is forecasted for Saturday. The day temperature will 33-34°C and night temperature will be 21-24°C for upcoming 5 days. Maximum and minimum relative humidity will be 61-81% and 21-27% respectively. There will be partly to overcast sky for next 5 days. *As rainfall is forecasted, farmers should drain out excess water from field and store in water harvesting structure for future purpose. Farmers should complete their pesticide and fertilizer application before Thursday. The forecasted rain may aggravate wilt disease in Bean, Tomato, Brinjal and Cowpea, so integrated disease management practices should be followed by the farmers.*

Block	Banki				
	18/03/2020	19/03/2020	20/03/2020	21/03/2020	22/03/2020
Rainfall(mm)	0	0	11	16	6
T-Max(°C)	33	33	33	34	33
T-Min(°C)	22	24	21	22	21
Cloud Cover(octa)	2	8	6	6	5
RH Max (%)	77	73	70	61	81
RH Min (%)	27	22	26	21	26
Wind Speed (Kmph)	10	8	9	12	12
Wind Direction (deg)	208	15	210	281	165

**Agromet Advisory**

**Pulses:**

- The crop is at pod formation to harvesting (9-12 week) stage. Harvest the matured pods before Thursday if possible and keep in safe place. **Pod borer** may feed on the developing pods and seeds. Spray profenofos 50EC @2ml / lit water.
- To prevent **wilting in case of pulses** apply 1ml Validamycin in 1 ltr of water.

**Oil Seeds:**

**Mustard:**

- Rainfed mustard sown during October is at maturity stage. Go for harvesting and dry the plants under sun for easy threshing and safe storage.
- present weather may favour the infestation of **saw fly, leaf webber and aphids** .To control saw fly, spray 400ml Endosulphan/acre, to control leaf webber spray 200 ml Ithofenprox or Deltamethrin per acre. Spray 400 ml Dimethoate or Methyl demeton or 50 ml Imidachloprid in 200 litre water. Spray 1 kg Cuppor Oxychloride or 800 g Dethane-M 45/acre in 200 litre water to control **leaf blight disease**.
- Groundnut:**
- Due to abrupt rise and fall in temperature and forecasted rain, there is possibility of attack of **Tobacco caterpillar** (Spodoptera litura). The forecasted weather is also favourable for its proliferation. This is a polyphagous pest. So following integrated approach should be started.
  - Use Pheromone trap using Spodo lure to monitor adult population of the insect.
  - Bird perching should be encouraged and night fire should be widely popularized
- In case of appearance of the caterpillar, prepare poison bait with 1 kg rice bran+ 200g jaggery/gur+20-25g Cartap Hydrochloride +Water. Keep the bait at 20-25 different places in the affected field.

**Vegetables:**

- Downymildew infestation** may occur after the rain in vegetables like cucumber, pumpkin, bittergourd. Spray 2g Metalaxyl + Mancozeb per litre of water 2 to 3 times.
- For **leaf blight in tomato**, spray 2g Chlorothalonil or 3g Copper oxychloride per litre of water. For **rust in Cowpea**, spray 2g Chlorothalonil or 2g Oxycarboxin per litre of water. In case of **early blight in Potato**, use copper based fungicide like Mancozeb 75 WP@ 2g/ltr at 15 days interval three to four times. Destroy the diseased plant parts properly.
- The forecasted rain may aggravate **wilt disease in Bean, Tomato, Brinjal and Cowpea**. Following integrated disease management practices should be followed. 1. Drain out excess water from the fields soon. 2. The affected plants should be uprooted and destroyed to prevent spread of the disease.3. Avoid excess application of nitrogenous fertilizers.4.To control it, go for soil drenching of Tricoderma viridae@5g/litre of water and need based spraying of Tebuconazole @ 1g/litre of water along with Streptocycline@0.1g/litre of water.

**Animal husbandry:**

- Provide sufficient clean drinking water to animals. Contact departmental personnel for vaccination.

**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-72**  
**Date-17.03.2020**

**E-mail: kvkcuttack@gmail.com**  
**AGROMET ADVISORY BULLETIN FOR BANKI- DAMPARA**  
**District Past week weather condition**

The district received 12 mm rainfall during the last week. The mean daily maximum and minimum temperature was 34°C and 21°C, respectively. Relative humidity of the district was around 80-61%. *According to NDVI map (04.03.2020 to 10.03.2020) the agriculture vigor was less over maximum blocks, whereas according to SPI value (cumulative 4weeks-13 February 2020 to 11 March 2020), severely wet condition was there.*

**Forecasted period: 18<sup>th</sup> March 2020 to 22<sup>nd</sup> March 2020**

**General Advisory:** Moderate rainfall is forecasted for Thursday and Friday and after that light rainfall is forecasted for Saturday. The day temperature will 33-34°C and night temperature will be 21-24°C for upcoming 5 days. Maximum and minimum relative humidity will be 62-82% and 21-27% respectively. There will be partly to overcast sky for next 5 days. *As rainfall is forecasted, farmers should drain out excess water from field and store in water harvesting structure for future purpose. Farmers should complete their pesticide and fertilizer application before Thursday. The forecasted rain may aggravate wilt disease in Bean, Tomato, Brinjal and Cowpea, so integrated disease management practices should be followed by the farmers.*

Block	Banki-Dampara				
	18/03/2020	19/03/2020	20/03/2020	21/03/2020	22/03/2020
Rainfall(mm)	0	0	12	16	7
T-Max(°C)	33	33	33	34	33
T-Min(°C)	22	24	21	22	21
Cloud Cover(octa)	2	8	6	6	5
RH Max (%)	78	73	71	62	82
RH Min (%)	27	22	26	21	27
Wind Speed (Kmph)	10	9	9	11	11
Wind Direction (deg)	208	203	210	281	165

**Agromet Advisory**

**Pulses:**

- The crop is at pod formation to harvesting (9-12 week) stage. Harvest the matured pods before Thursday if possible and keep in safe place. **Pod borer** may feed on the developing pods and seeds. Spray profenofos 50EC @2ml / lit water.
- To prevent **wilting in case of pulses** apply 1ml Validamycin in 1 ltr of water.

**Oil Seeds:**

**Mustard:**

- Rainfed mustard sown during October is at maturity stage. Go for harvesting and dry the plants under sun for easy threshing and safe storage.
- present weather may favour the infestation of **saw fly, leaf webber and aphids** .To control saw fly, spray 400ml Endosulphan/acre, to control leaf webber spray 200 ml Ithofenprox or Deltamethrin per acre. Spray 400 mlDimethoate or Methyl demeton or 50 ml Imidachloprid in 200 litre water.Spray 1 kg Cuppor Oxychloride or 800 g Dethane-M 45/acre in 200 litre water to control **leaf blight disease**.
- Groundnut:**
- Due to abrupt rise and fall in temperature and forecasted rain, there is possibility of attack of **Tobacco caterpillar** (Spodoptera litura). The forecasted weather is also favourable for its proliferation. This is a polyphagous pest. So following integrated approach should be started.
  - Use Pheromone trap using Spodo lure to monitor adult population of the insect.
  - Bird perching should be encouraged and night fire should be widely popularized
- In case of appearance of the caterpillar, prepare poison bait with 1 kg rice bran+ 200g jaggery/gur+20-25g Cartap Hydrochloride +Water. Keep the bait at 20-25 different places in the affected field.

**Vegetables:**

- Downymildew infestation** may occur after the rain in vegetables like cucumber, pumpkin, bittergourd. Spray 2g Metalaxyl + Mancozeb per litre of water 2 to 3 times.
- For **leaf blight in tomato**, spray 2g Chlorothalonil or 3g Copper oxychloride per litre of water. For **rust in Cowpea**, spray 2g Chlorothalonil or 2g Oxycarboxin per litre of water. In case of **early blight in Potato**, use copper based fungicide like Mancozeb 75 WP@ 2g/ltr at 15 days interval three to four times. Destroy the diseased plant parts properly.
- The forecasted rain may aggravate **wilt disease in Bean, Tomato, Brinjal and Cowpea**. Following integrated disease management practices should be followed. 1. Drain out excess water from the fields soon. 2. The affected plants should be uprooted and destroyed to prevent spread of the disease.3. Avoid excess application of nitrogenous fertilizers.4.To control it, go for soil drenching of Tricoderma viridae@5g/litre of water and need based spraying of Tebuconazole @ 1g/litre of water along with Streptocycline@0.1g/litre of water.

**Animal husbandry:**

- Provide sufficient clean drinking water to animals. Contact departmental personnel for vaccination.

**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-72**  
**Date-17.03.2020**

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

**District Past week weather condition**

The district received 12 mm rainfall during the last week. The mean daily maximum and minimum temperature was 34°C and 21°C, respectively. Relative humidity of the district was around 80-61%. *According to NDVI map (04.03.2020 to 10.03.2020) the agriculture vigor was less over maximum blocks, whereas according to SPI value (cumulative 4weeks-13 February 2020 to 11 March 2020), severely wet condition was there.*

**Forecasted period: 18<sup>th</sup> March 2020 to 22<sup>nd</sup> March 2020**

**General Advisory:** Moderate rainfall is forecasted for Thursday and Friday and after that light rainfall is forecasted for Saturday. The day temperature will 32-34°C and night temperature will be 21-25°C for upcoming 5 days. Maximum and minimum relative humidity will be 68-84% and 23-31% respectively. There will be partly to overcast sky for next 5 days. *As rainfall is forecasted, farmers should drain out excess water from field and store in water harvesting structure for future purpose. Farmers should complete their pesticide and fertilizer application before Thursday. The forecasted rain may aggravate wilt disease in Bean, Tomato, Brinjal and Cowpea, so integrated disease management practices should be followed by the farmers.*

Block	Baranga				
	18/03/2020	19/03/2020	20/03/2020	21/03/2020	22/03/2020
Rainfall(mm)	0	0	12	17	8
T-Max(°C)	33	33	33	34	32
T-Min(°C)	23	25	22	24	21
Cloud Cover	1	8	6	6	5
RH Max (%)	84	79	78	68	84
RH Min (%)	30	23	27	23	31
Wind Speed (Kmph)	11	10	9	12	14
Wind Direction (deg)	208	203	199	285	150

**Agromet Advisory**

**Pulses:**

- The crop is at pod formation to harvesting (9-12 week) stage. Harvest the matured pods before Thursday if possible and keep in safe place. **Pod borer** may feed on the developing pods and seeds. Spray profenofos 50EC @2ml / lit water.
- To prevent **wilting in case of pulses** apply 1ml Validamycin in 1 ltr of water.

**Oil Seeds:**

**Mustard:**

- Rainfed mustard sown during October is at maturity stage. Go for harvesting and dry the plants under sun for easy threshing and safe storage.
- present weather may favour the infestation of **saw fly, leaf webber and aphids** .To control saw fly, spray 400ml Endosulphan/acre, to control leaf webber spray 200 ml Ithofenprox or Deltamethrin per acre. Spray 400 ml Dimethoate or Methyl demeton or 50 ml Imidachloprid in 200 litre water. Spray 1 kg Cuppor Oxychloride or 800 g Dethane-M 45/acre in 200 litre water to control **leaf blight disease**.

**Groundnut:**

- Due to abrupt rise and fall in temperature and forecasted rain, there is possibility of attack of **Tobacco caterpillar** (Spodoptera litura). The forecasted weather is also favourable for its proliferation. This is a polyphagous pest. So following integrated approach should be started.
  - Use Pheromone trap using Spodo lure to monitor adult population of the insect.
  - Bird perching should be encouraged and night fire should be widely popularized
- In case of appearance of the caterpillar, prepare poison bait with 1 kg rice bran+ 200g jaggery/gur+20-25g Cartap Hydrochloride +Water. Keep the bait at 20-25 different places in the affected field.

**Vegetables:**

- Downymildew infestation** may occur after the rain in vegetables like cucumber, pumpkin, bittergourd. Spray 2g Metalaxyl + Mancozeb per litre of water 2 to 3 times.
- For **leaf blight in tomato**, spray 2g Chlorothalonil or 3g Copper oxychloride per litre of water. For **rust in Cowpea**, spray 2g Chlorothalonil or 2g Oxycarboxin per litre of water. In case of **early blight in Potato**, use copper based fungicide like Mancozeb 75 WP@ 2g/ltr at 15 days interval three to four times. Destroy the diseased plant parts properly.
- The forecasted rain may aggravate **wilt disease in Bean, Tomato, Brinjal and Cowpea**. Following integrated disease management practices should be followed. 1. Drain out excess water from the fields soon. 2. The affected plants should be uprooted and destroyed to prevent spread of the disease. 3. Avoid excess application of nitrogenous fertilizers. 4. To control it, go for soil drenching of Tricoderma viridae@5g/litre of water and need based spraying of Tebuconazole @1g/litre of water along with Streptocycline@0.1g/litre of water.

**Animal husbandry:**

- Provide sufficient clean drinking water to animals. Contact departmental personnel for vaccination.

**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-72**  
**Date-17.03.2020**

**E-mail: kvkcuttack@gmail.com**  
**AGROMET ADVISORY BULLETIN FOR CUTTACK SADAR**  
**District Past week weather condition**

The district received 12 mm rainfall during the last week. The mean daily maximum and minimum temperature was 34°C and 21°C, respectively. Relative humidity of the district was around 80-61%. *According to NDVI map (04.03.2020 to 10.03.2020) the agriculture vigor was less over maximum blocks, whereas according to SPI value (cumulative 4weeks-13 February 2020 to 11 March 2020), severely wet condition was there.*

**Forecasted period: 18<sup>th</sup> March 2020 to 22<sup>nd</sup> March 2020**

**General Advisory:** Moderate rainfall is forecasted for Thursday and Friday and after that light rainfall is forecasted for Saturday. The day temperature will 32-33°C and night temperature will be 22-25°C for upcoming 5 days. Maximum and minimum relative humidity will be 71-84% and 22-29% respectively. There will be partly to overcast sky for next 5 days. *As rainfall is forecasted, farmers should drain out excess water from field and store in water harvesting structure for future purpose. Farmers should complete their pesticide and fertilizer application before Thursday. The forecasted rain may aggravate wilt disease in Bean, Tomato, Brinjal and Cowpea, so integrated disease management practices should be followed by the farmers.*

Block	Cuttack sadar				
	18/03/2020	19/03/2020	20/03/2020	21/03/2020	22/03/2020
Rainfall(mm)	0	0	13	19	9
T-Max(°C)	33	33	33	33	32
T-Min(°C)	23	25	22	24	22
Cloud Cover(octa)	1	8	6	6	5
RH Max (%)	83	77	77	71	84
RH Min (%)	29	22	25	23	29
Wind Speed (Kmph)	9	10	9	13	14
Wind Direction (deg)	208	203	198	333	165

**Agromet Advisory**

**Pulses:**

- The crop is at pod formation to harvesting (9-12 week) stage. Harvest the matured pods before Thursday if possible and keep in safe place. **Pod borer** may feed on the developing pods and seeds. Spray profenofos 50EC @2ml / lit water.
- To prevent **wilting in case of pulses** apply 1ml Validamycin in 1 ltr of water.

**Oil Seeds:**

**Mustard:**

- Rainfed mustard sown during October is at maturity stage. Go for harvesting and dry the plants under sun for easy threshing and safe storage.
- present weather may favour the infestation of **saw fly, leaf webber and aphids** .To control saw fly, spray 400ml Endosulphan/acre, to control leaf webber spray 200 ml Ithofenprox or Deltamethrin per acre. Spray 400 ml Dimethoate or Methyl demeton or 50 ml Imidachloprid in 200 litre water. Spray 1 kg Cuppor Oxychloride or 800 g Dethane-M 45/acre in 200 litre water to control **leaf blight disease**.
- Groundnut:**
- Due to abrupt rise and fall in temperature and forecasted rain, there is possibility of attack of **Tobacco caterpillar** (Spodoptera litura). The forecasted weather is also favourable for its proliferation. This is a polyphagous pest. So following integrated approach should be started.
  - Use Pheromone trap using Spodo lure to monitor adult population of the insect.
  - Bird perching should be encouraged and night fire should be widely popularized
- In case of appearance of the caterpillar, prepare poison bait with 1 kg rice bran+ 200g jaggery/gur+20-25g Cartap Hydrochloride +Water. Keep the bait at 20-25 different places in the affected field.

**Vegetables:**

- Downymildew infestation** may occur after the rain in vegetables like cucumber, pumpkin, bittergourd. Spray 2g Metalaxyl + Mancozeb per litre of water 2 to 3 times.
- For **leaf blight in tomato**, spray 2g Chlorothalonil or 3g Copper oxychloride per litre of water. For **rust in Cowpea**, spray 2g Chlorothalonil or 2g Oxycarboxin per litre of water. In case of **early blight in Potato**, use copper based fungicide like Mancozeb 75 WP@ 2g/ltr at 15 days interval three to four times. Destroy the diseased plant parts properly.
- The forecasted rain may aggravate **wilt disease in Bean, Tomato, Brinjal and Cowpea**. Following integrated disease management practices should be followed. 1. Drain out excess water from the fields soon. 2. The affected plants should be uprooted and destroyed to prevent spread of the disease. 3. Avoid excess application of nitrogenous fertilizers. 4. To control it, go for soil drenching of Tricoderma viridae@5g/litre of water and need based spraying of Tebuconazole @ 1g/litre of water along with Streptocycline@0.1g/litre of water.

**Animal husbandry:**

- Provide sufficient clean drinking water to animals. Contact departmental personnel for vaccination.

**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-72**  
**Date-17.03.2020**

E-mail: kvkcuttack@gmail.com  
**AGROMET ADVISORY BULLETIN FOR KANTAPADA**  
District Past week weather condition

The district received 12 mm rainfall during the last week. The mean daily maximum and minimum temperature was 34°C and 21°C, respectively. Relative humidity of the district was around 80-61%. *According to NDVI map (04.03.2020 to 10.03.2020) the agriculture vigor was less over maximum blocks, whereas according to SPI value (cumulative 4weeks-13 February 2020 to 11 March 2020), severely wet condition was there.*

**Forecasted period: 18<sup>th</sup> March 2020 to 22<sup>nd</sup> March 2020**

**General Advisory:** Moderate rainfall is forecasted for Thursday and Friday and after that light rainfall is forecasted for Saturday. The day temperature will 32-34°C and night temperature will be 21-25°C for upcoming 5 days. Maximum and minimum relative humidity will be 66-87% and 25-34% respectively. There will be partly to overcast sky for next 5 days. *As rainfall is forecasted, farmers should drain out excess water from field and store in water harvesting structure for future purpose. Farmers should complete their pesticide and fertilizer application before Thursday. The forecasted rain may aggravate wilt disease in Bean, Tomato, Brinjal and Cowpea, so integrated disease management practices should be followed by the farmers.*

Block	Kantapada				
	18/03/2020	19/03/2020	20/03/2020	21/03/2020	22/03/2020
Date					
Rainfall(mm)	0	0	12	18	8
T-Max(°C)	33	34	32	34	32
T-Min(°C)	23	25	23	24	21
Cloud Cover(octa)	1	8	6	5	5
RH Max (%)	87	82	80	66	85
RH Min (%)	32	25	30	26	34
Wind Speed (Kmph)	12	11	10	14	15
Wind Direction (deg)	203	203	191	248	162

**Agromet Advisory**

**Pulses:**

- The crop is at pod formation to harvesting (9-12 week) stage. Harvest the matured pods before Thursday if possible and keep in safe place. **Pod borer** may feed on the developing pods and seeds. Spray profenofos 50EC @2ml / lit water.
- To prevent **wilting in case of pulses** apply 1ml Validamycin in 1 ltr of water.

**Oil Seeds:**

**Mustard:**

- Rainfed mustard sown during October is at maturity stage. Go for harvesting and dry the plants under sun for easy threshing and safe storage.
- present weather may favour the infestation of **saw fly, leaf webber and aphids**. To control saw fly, spray 400ml Endosulphan/acre, to control leaf webber spray 200 ml Ithofenprox or Deltamethrin per acre. Spray 400 ml Dimethoate or Methyl demeton or 50 ml Imidachloprid in 200 litre water. Spray 1 kg Cuppor Oxychloride or 800 g Dethane-M 45/acre in 200 litre water to control **leaf blight disease**.

**Groundnut:**

- Due to abrupt rise and fall in temperature and forecasted rain, there is possibility of attack of **Tobacco caterpillar** (Spodoptera litura). The forecasted weather is also favourable for its proliferation. This is a polyphagous pest. So following integrated approach should be started.
  - Use Pheromone trap using Spodo lure to monitor adult population of the insect.
  - Bird perching should be encouraged and night fire should be widely popularized
- In case of appearance of the caterpillar, prepare poison bait with 1 kg rice bran+ 200g jaggery/gur+20-25g Cartap Hydrochloride +Water. Keep the bait at 20-25 different places in the affected field.

**Vegetables:**

- Downymildew infestation** may occur after the rain in vegetables like cucumber, pumpkin, bittergourd. Spray 2g Metalaxyl + Mancozeb per litre of water 2 to 3 times.
- For **leaf blight in tomato**, spray 2g Chlorothalonil or 3g Copper oxychloride per litre of water. For **rust in Cowpea**, spray 2g Chlorothalonil or 2g Oxycarboxin per litre of water. In case of **early blight in Potato**, use copper based fungicide like Mancozeb 75 WP@ 2g/ltr at 15 days interval three to four times. Destroy the diseased plant parts properly.
- The forecasted rain may aggravate **wilt disease in Bean, Tomato, Brinjal and Cowpea**. Following integrated disease management practices should be followed. 1. Drain out excess water from the fields soon. 2. The affected plants should be uprooted and destroyed to prevent spread of the disease. 3. Avoid excess application of nitrogenous fertilizers. 4. To control it, go for soil drenching of Tricoderma viridae @5g/litre of water and need based spraying of Tebuconazole @1g/litre of water along with Streptocycline @0.1g/litre of water.

**Animal husbandry:**

- Provide sufficient clean drinking water to animals. Contact departmental personnel for vaccination.

**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-72  
Date-17.03.2020

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

District Past week weather condition

The district received 12 mm rainfall during the last week. The mean daily maximum and minimum temperature was 34°C and 21°C, respectively. Relative humidity of the district was around 80-61%. *According to NDVI map (04.03.2020 to 10.03.2020) the agriculture vigor was less over maximum blocks, whereas according to SPI value (cumulative 4weeks-13 February 2020 to 11 March 2020), severely wet condition was there.*

Forecasted period: 18<sup>th</sup> March 2020 to 22<sup>nd</sup> March 2020

**General Advisory:** Moderate rainfall is forecasted for Thursday and Friday and after that light rainfall is forecasted for Saturday. The day temperature will 32-34°C and night temperature will be 21-25°C for upcoming 5 days. Maximum and minimum relative humidity will be 72-88% and 24-32% respectively. There will be partly to overcast sky for next 5 days. *As rainfall is forecasted, farmers should drain out excess water from field and store in water harvesting structure for future purpose. Farmers should complete their pesticide and fertilizer application before Thursday. The forecasted rain may aggravate wilt disease in Bean, Tomato, Brinjal and Cowpea, so integrated disease management practices should be followed by the farmers.*

Block	Mahanga				
	18/03/2020	19/03/2020	20/03/2020	21/03/2020	22/03/2020
Rainfall(mm)	0	0	13	17	7
T-Max(°C)	33	33	33	34	32
T-Min(°C)	23	25	22	24	21
Cloud Cover(octal)	1	8	6	5	5
RH Max (%)	88	80	80	72	85
RH Min (%)	30	24	27	27	32
Wind Speed (Kmph)	10	10	10	14	14
Wind Direction (deg)	207	203	203	270	195

Agromet Advisory

Pulses:

- The crop is at pod formation to harvesting (9-12 week) stage. Harvest the matured pods before Thursday if possible and keep in safe place. **Pod borer** may feed on the developing pods and seeds. Spray profenofos 50EC @2ml / lit water.
- To prevent **wilting in case of pulses** apply 1ml Validamycin in 1 ltr of water.

Oil Seeds:

Mustard:

- Rainfed mustard sown during October is at maturity stage. Go for harvesting and dry the plants under sun for easy threshing and safe storage.
- present weather may favour the infestation of **saw fly, leaf webber and aphids** .To control saw fly, spray 400ml Endosulphan/acre, to control leaf webber spray 200 ml Ithofenprox or Deltamethrin per acre. Spray 400 mlDimethoate or Methyl demeton or 50 ml Imidachloprid in 200 litre water.Spray 1 kg Cuppor Oxychloride or 800 g Dethane-M 45/acre in 200 litre water to control **leaf blight disease**.

Groundnut:

- Due to abrupt rise and fall in temperature and forecasted rain, there is possibility of attack of **Tobacco caterpillar** (Spodoptera litura). The forecasted weather is also favourable for its proliferation. This is a polyphagous pest. So following integrated approach should be started.
  - Use Pheromone trap using Spodo lure to monitor adult population of the insect.
  - Bird perching should be encouraged and night fire should be widely popularized
- In case of appearance of the caterpillar, prepare poison bait with 1 kg rice bran+ 200g jaggery/gur+20-25g Cartap Hydrochloride +Water. Keep the bait at 20-25 different places in the affected field.

Vegetables:

- Downymildew infestation** may occur after the rain in vegetables like cucumber, pumpkin, bittergourd. Spray 2g Metalaxyl + Mancozeb per litre of water 2 to 3 times.
- For **leaf blight in tomato**, spray 2g Chlorothalonil or 3g Copper oxychloride per litre of water. For **rust in Cowpea**, spray 2g Chlorothalonil or 2g Oxycarboxin per litre of water. In case of **early blight in Potato**, use copper based fungicide like Mancozeb 75 WP@ 2g/ltr at 15 days interval three to four times. Destroy the diseased plant parts properly.
- The forecasted rain may aggravate **wilt disease in Bean, Tomato, Brinjal and Cowpea**. Following integrated disease management practices should be followed. 1. Drain out excess water from the fields soon. 2. The affected plants should be uprooted and destroyed to prevent spread of the disease.3. Avoid excess application of nitrogenous fertilizers.4.To control it, go for soil drenching of Tricoderma viridae@5g/litre of water and need based spraying of Tebuconazole @1g/litre of water along with Streptocycline@0.1g/litre of water.

Animal husbandry:

- Provide sufficient clean drinking water to animals. Contact departmental personnel for vaccination.

**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-72**  
**Date-17.03.2020**

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

**District Past week weather condition**

The district received 12 mm rainfall during the last week. The mean daily maximum and minimum temperature was 34°C and 21°C, respectively. Relative humidity of the district was around 80-61%. *According to NDVI map (04.03.2020 to 10.03.2020) the agriculture vigor was less over maximum blocks, whereas according to SPI value (cumulative 4weeks-13 February 2020 to 11 March 2020), severely wet condition was there.*

**Forecasted period: 18<sup>th</sup> March 2020 to 22<sup>nd</sup> March 2020**

**General Advisory:** Moderate rainfall is forecasted for Thursday and Friday and after that light rainfall is forecasted for Saturday. The day temperature will 32-35°C and night temperature will be 20-24°C for upcoming 5 days. Maximum and minimum relative humidity will be 61-84% and 18-24% respectively. There will be partly to overcast sky for next 5 days. *As rainfall is forecasted, farmers should drain out excess water from field and store in water harvesting structure for future purpose. Farmers should complete their pesticide and fertilizer application before Thursday. The forecasted rain may aggravate wilt disease in Bean, Tomato, Brinjal and Cowpea, so integrated disease management practices should be followed by the farmers.*

Block	Narasinghpur				
	18/03/2020	19/03/2020	20/03/2020	21/03/2020	22/03/2020
Rainfall(mm)	0	0	8	14	5
T-Max(°C)	34	32	33	34	35
T-Min(°C)	21	24	20	21	20
Cloud Cover(/octa)	2	8	7	5	4
RH Max (%)	73	61	67	63	84
RH Min (%)	21	20	24	18	20
Wind Speed (Kmph)	6	5	10	11	8
Wind Direction (deg)	199	158	205	240	180

**Agromet Advisory**

**Pulses:**

- The crop is at pod formation to harvesting (9-12 week) stage. Harvest the matured pods before Thursday if possible and keep in safe place. **Pod borer** may feed on the developing pods and seeds. Spray profenofos 50EC @2ml / lit water.
- To prevent **wilting in case of pulses** apply 1ml Validamycin in 1 ltr of water.

**Oil Seeds:**

**Mustard:**

- Rainfed mustard sown during October is at maturity stage. Go for harvesting and dry the plants under sun for easy threshing and safe storage.
- present weather may favour the infestation of **saw fly, leaf webber and aphids** .To control saw fly, spray 400ml Endosulphan/acre, to control leaf webber spray 200 ml Ithofenprox or Deltamethrin per acre. Spray 400 mlDimethoate or Methyl demeton or 50 ml Imidachloprid in 200 litre water.Spray 1 kg Cuppor Oxychloride or 800 g Dethane-M 45/acre in 200 litre water to control **leaf blight disease**.

**Groundnut:**

- Due to abrupt rise and fall in temperature and forecasted rain, there is possibility of attack of **Tobacco caterpillar** (Spodoptera litura). The forecasted weather is also favourable for its proliferation. This is a polyphagous pest. So following integrated approach should be started.
  - Use Pheromone trap using Spodo lure to monitor adult population of the insect.
  - Bird perching should be encouraged and night fire should be widely popularized
- In case of appearance of the caterpillar, prepare poison bait with 1 kg rice bran+ 200g jaggery/gur+20-25g Cartap Hydrochloride +Water. Keep the bait at 20-25 different places in the affected field.

**Vegetables:**

- Downymildew infestation** may occur after the rain in vegetables like cucumber, pumpkin, bittergourd. Spray 2g Metalaxyl + Mancozeb per litre of water 2 to 3 times.
- For **leaf blight in tomato**, spray 2g Chlorothalonil or 3g Copper oxychloride per litre of water. For **rust in Cowpea**, spray 2g Chlorothalonil or 2g Oxycarboxin per litre of water. In case of **early blight in Potato**, use copper based fungicide like Mancozeb 75 WP@ 2g/ltr at 15 days interval three to four times. Destroy the diseased plant parts properly.
- The forecasted rain may aggravate **wilt disease in Bean, Tomato, Brinjal and Cowpea**. Following integrated disease management practices should be followed. 1. Drain out excess water from the fields soon. 2. The affected plants should be uprooted and destroyed to prevent spread of the disease.3. Avoid excess application of nitrogenous fertilizers.4.To control it, go for soil drenching of Tricoderma viridae@5g/litre of water and need based spraying of Tebuconazole @1g/litre of water along with Streptocycline@0.1g/litre of water.

**Animal husbandry:**

- Provide sufficient clean drinking water to animals. Contact departmental personnel for vaccination.

**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-72  
Date-17.03.2020

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

District Past week weather condition

The district received 12 mm rainfall during the last week. The mean daily maximum and minimum temperature was 34°C and 21°C, respectively. Relative humidity of the district was around 80-61%. *According to NDVI map (04.03.2020 to 10.03.2020) the agriculture vigor was less over maximum blocks, whereas according to SPI value (cumulative 4weeks-13 February 2020 to 11 March 2020), severely wet condition was there.*

Forecasted period: 18<sup>th</sup> March 2020 to 22<sup>nd</sup> March 2020

General Advisory: Moderate rainfall is forecasted for Thursday and Friday and after that light rainfall is forecasted for Saturday. The day temperature will 32-35°C and night temperature will be 21-25°C for upcoming 5 days. Maximum and minimum relative humidity will be 66-88% and 28-36% respectively. There will be partly to overcast sky for next 5 days. *As rainfall is forecasted, farmers should drain out excess water from field and store in water harvesting structure for future purpose. Farmers should complete their pesticide and fertilizer application before Thursday. The forecasted rain may aggravate wilt disease in Bean, Tomato, Brinjal and Cowpea, so integrated disease management practices should be followed by the farmers.*

Block	Niali				
	18/03/2020	19/03/2020	20/03/2020	21/03/2020	22/03/2020
Date					
Rainfall(mm)	0	0	12	17	7
T-Max(°C)	33	35	33	34	32
T-Min(°C)	23	25	23	23	21
Cloud Cover(octa)	0	7	6	5	5
RH Max (%)	88	83	80	66	85
RH Min (%)	35	28	34	29	36
Wind Speed(Kmph)	14	11	10	15	15
Wind Direction(deg)	204	203	195	240	180

Agromet Advisory

Pulses:

- The crop is at pod formation to harvesting (9-12 week) stage. Harvest the matured pods before Thursday if possible and keep in safe place. **Pod borer** may feed on the developing pods and seeds. Spray profenofos 50EC @2ml / lit water.
- To prevent **wilting in case of pulses** apply 1ml Validamycin in 1 ltr of water.
- Oil Seeds:Mustard:
- Rainfed mustard sown during October is at maturity stage. Go for harvesting and dry the plants under sun for easy threshing and safe storage.
- present weather may favour the infestation of **saw fly, leaf webber and aphids** .To control saw fly, spray 400ml Endosulphan/acre, to control leaf webber spray 200 ml Ithofenprox or Deltamethrin per acre. Spray 400 mlDimethoate or Methyl demeton or 50 ml Imidachloprid in 200 litre water.Spray 1 kg Cuppor Oxychloride or 800 g Dethane-M 45/acre in 200 litre water to control **leaf blight disease**.
- Groundnut:
- Due to abrupt rise and fall in temperature and forecasted rain, there is possibility of attack of **Tobacco caterpillar** (Spodoptera litura). The forecasted weather is also favourable for its proliferation. This is a polyphagous pest. So following integrated approach should be started.
  - Use Pheromone trap using Spodo lure to monitor adult population of the insect.
  - Bird perching should be encouraged and night fire should be widely popularized
- In case of appearance of the caterpillar, prepare poison bait with 1 kg rice bran+ 200g jaggery/gur+20-25g Cartap Hydrochloride +Water. Keep the bait at 20-25 different places in the affected field.

Vegetables:

- Downymildew infestation** may occur after the rain in vegetables like cucumber, pumpkin, bittergourd. Spray 2g Metalaxyl + Mancozeb per litre of water 2 to 3 times.
- For **leaf blight in tomato**, spray 2g Chlorothalonil or 3g Copper oxychloride per litre of water. For **rust in Cowpea**, spray 2g Chlorothalonil or 2g Oxycarboxin per litre of water. In case of **early blight in Potato**, use copper based fungicide like Mancozeb 75 WP@ 2g/ltr at 15 days interval three to four times. Destroy the diseased plant parts properly.
- The forecasted rain may aggravate **wilt disease in Bean, Tomato, Brinjal and Cowpea**. Following integrated disease management practices should be followed. 1. Drain out excess water from the fields soon. 2. The affected plants should be uprooted and destroyed to prevent spread of the disease.3. Avoid excess application of nitrogenous fertilizers.4.To control it, go for soil drenching of Tricoderma viridae@5g/litre of water and need based spraying of Tebuconazole @ 1g/litre of water along with Streptocycline@0.1g/litre of water.

Animal husbandry:

- Provide sufficient clean drinking water to animals. Contact departmental personnel for vaccination.

**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-72**  
**Date-17.03.2020**

**E-mail: [kykcuttack@gmail.com](mailto:kykcuttack@gmail.com)**  
**AGROMET ADVISORY BULLETIN FOR NISCHINTAKOILI**  
**District Past week weather condition**

The district received 12 mm rainfall during the last week. The mean daily maximum and minimum temperature was 34°C and 21°C, respectively. Relative humidity of the district was around 80-61%. *According to NDVI map (04.03.2020 to 10.03.2020) the agriculture vigor was less over maximum blocks, whereas according to SPI value (cumulative 4weeks-13 February 2020 to 11 March 2020), severely wet condition was there.*

**Forecasted period: 18<sup>th</sup> March 2020 to 22<sup>nd</sup> March 2020**

**General Advisory:** Moderate rainfall is forecasted for Thursday and Friday and after that light rainfall is forecasted for Saturday. The day temperature will 32-34°C and night temperature will be 21-25°C for upcoming 5 days. Maximum and minimum relative humidity will be 71-89% and 25-32% respectively. There will be partly to overcast sky for next 5 days. *As rainfall is forecasted, farmers should drain out excess water from field and store in water harvesting structure for future purpose. Farmers should complete their pesticide and fertilizer application before Thursday. The forecasted rain may aggravate wilt disease in Bean, Tomato, Brinjal and Cowpea, so integrated disease management practices should be followed by the farmers.*

Block	Nischintakoili				
	18/03/2020	19/03/2020	20/03/2020	21/03/2020	22/03/2020
Rainfall(mm)	0	0	13	18	9
T-Max(°C)	33	33	33	34	32
T-Min(°C)	23	25	23	24	21
Cloud Cover(octa)	1	8	6	5	5
RH Max (%)	89	81	80	71	86
RH Min (%)	31	25	28	26	32
Wind Speed (Kmph)	11	10	10	14	14
Wind Direction (deg)	207	203	180	270	180

**Agromet Advisory**

**Pulses:**

- The crop is at pod formation to harvesting (9-12 week) stage. Harvest the matured pods before Thursday if possible and keep in safe place. **Pod borer** may feed on the developing pods and seeds. Spray profenofos 50EC @2ml / lit water.
- To prevent **wilting in case of pulses** apply 1ml Validamycin in 1 ltr of water.

**Oil Seeds:**

**Mustard:**

- Rainfed mustard sown during October is at maturity stage. Go for harvesting and dry the plants under sun for easy threshing and safe storage.
- present weather may favour the infestation of **saw fly, leaf webber and aphids** .To control saw fly, spray 400ml Endosulphan/acre, to control leaf webber spray 200 ml Ithofenprox or Deltamethrin per acre. Spray 400 ml Dimethoate or Methyl demeton or 50 ml Imidachloprid in 200 litre water. Spray 1 kg Cuppor Oxychloride or 800 g Dethane-M 45/acre in 200 litre water to control **leaf blight disease**.
- Groundnut:**
- Due to abrupt rise and fall in temperature and forecasted rain, there is possibility of attack of **Tobacco caterpillar** (Spodoptera litura). The forecasted weather is also favourable for its proliferation. This is a polyphagous pest. So following integrated approach should be started.
  - Use Pheromone trap using Spodo lure to monitor adult population of the insect.
  - Bird perching should be encouraged and night fire should be widely popularized
- In case of appearance of the caterpillar, prepare poison bait with 1 kg rice bran+ 200g jaggery/gur+20-25g Cartap Hydrochloride +Water. Keep the bait at 20-25 different places in the affected field.

**Vegetables:**

- Downymildew infestation** may occur after the rain in vegetables like cucumber, pumpkin, bittergourd. Spray 2g Metalaxyl + Mancozeb per litre of water 2 to 3 times.
- For **leaf blight in tomato**, spray 2g Chlorothalonil or 3g Copper oxychloride per litre of water. For **rust in Cowpea**, spray 2g Chlorothalonil or 2g Oxycarboxin per litre of water. In case of **early blight in Potato**, use copper based fungicide like Mancozeb 75 WP@ 2g/ltr at 15 days interval three to four times. Destroy the diseased plant parts properly.
- The forecasted rain may aggravate **wilt disease in Bean, Tomato, Brinjal and Cowpea**. Following integrated disease management practices should be followed. 1. Drain out excess water from the fields soon. 2. The affected plants should be uprooted and destroyed to prevent spread of the disease. 3. Avoid excess application of nitrogenous fertilizers. 4. To control it, go for soil drenching of Tricoderma viridae@5g/litre of water and need based spraying of Tebuconazole @ 1g/litre of water along with Streptocycline@0.1g/litre of water.

**Animal husbandry:**

- Provide sufficient clean drinking water to animals. Contact departmental personnel for vaccination.

**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-72  
Date-17.03.2020

E-mail: kvkcuttack@gmail.com  
**AGROMET ADVISORY BULLETIN FOR SALEPUR**  
District Past week weather condition

The district received 12 mm rainfall during the last week. The mean daily maximum and minimum temperature was 34°C and 21°C, respectively. Relative humidity of the district was around 80-61%. *According to NDVI map (04.03.2020 to 10.03.2020) the agriculture vigor was less over maximum blocks, whereas according to SPI value (cumulative 4weeks-13 February 2020 to 11 March 2020), severely wet condition was there.*

**Forecasted period: 18<sup>th</sup> March 2020 to 22<sup>nd</sup> March 2020**

**General Advisory:** Moderate rainfall is forecasted for Thursday and Friday and after that light rainfall is forecasted for Saturday. The day temperature will 32-34°C and night temperature will be 21-25°C for upcoming 5 days. Maximum and minimum relative humidity will be 71-88% and 24-32% respectively. There will be partly to overcast sky for next 5 days. *As rainfall is forecasted, farmers should drain out excess water from field and store in water harvesting structure for future purpose. Farmers should complete their pesticide and fertilizer application before Thursday. The forecasted rain may aggravate wilt disease in Bean, Tomato, Brinjal and Cowpea, so integrated disease management practices should be followed by the farmers.*

Block	Salepur				
	18/03/2020	19/03/2020	20/03/2020	21/03/2020	22/03/2020
<b>Rainfall(mm)</b>	0	0	13	17	8
<b>T-Max(°C)</b>	33	33	33	34	32
<b>T-Min(°C)</b>	23	25	23	24	21
<b>Cloud Cover(octa)</b>	1	8	6	5	5
<b>RH Max (%)</b>	88	81	80	71	86
<b>RH Min (%)</b>	31	24	27	26	32
<b>Wind Speed (Kmph)</b>	11	10	10	14	14
<b>Wind Direction (deg)</b>	207	203	198	270	180

**Agromet Advisory**

**Pulses:**

- The crop is at pod formation to harvesting (9-12 week) stage. Harvest the matured pods before Thursday if possible and keep in safe place. **Pod borer** may feed on the developing pods and seeds. Spray profenofos 50EC @2ml / lit water.
- To prevent **wilting in case of pulses** apply 1ml Validamycin in 1 ltr of water.

**Oil Seeds:**

**Mustard:**

- Rainfed mustard sown during October is at maturity stage. Go for harvesting and dry the plants under sun for easy threshing and safe storage.
- present weather may favour the infestation of **saw fly, leaf webber and aphids**. To control saw fly, spray 400ml Endosulphan/acre, to control leaf webber spray 200 ml Ithofenprox or Deltamethrin per acre. Spray 400 ml Dimethoate or Methyl demeton or 50 ml Imidachloprid in 200 litre water. Spray 1 kg Cuppor Oxychloride or 800 g Dethane-M 45/acre in 200 litre water to control **leaf blight disease**.
- Groundnut:**
- Due to abrupt rise and fall in temperature and forecasted rain, there is possibility of attack of **Tobacco caterpillar** (Spodoptera litura). The forecasted weather is also favourable for its proliferation. This is a polyphagous pest. So following integrated approach should be started.
  - Use Pheromone trap using Spodo lure to monitor adult population of the insect.
  - Bird perching should be encouraged and night fire should be widely popularized.
- In case of appearance of the caterpillar, prepare poison bait with 1 kg rice bran+ 200g jaggery/gur+20-25g Cartap Hydrochloride +Water. Keep the bait at 20-25 different places in the affected field.

**Vegetables:**

- Downy mildew infestation** may occur after the rain in vegetables like cucumber, pumpkin, bittergourd. Spray 2g Metalaxyl + Mancozeb per litre of water 2 to 3 times.
- For **leaf blight in tomato**, spray 2g Chlorothalonil or 3g Copper oxychloride per litre of water. For **rust in Cowpea**, spray 2g Chlorothalonil or 2g Oxycarboxin per litre of water. In case of **early blight in Potato**, use copper based fungicide like Mancozeb 75 WP@ 2g/ltr at 15 days interval three to four times. Destroy the diseased plant parts properly.
- The forecasted rain may aggravate **wilt disease in Bean, Tomato, Brinjal and Cowpea**. Following integrated disease management practices should be followed. 1. Drain out excess water from the fields soon. 2. The affected plants should be uprooted and destroyed to prevent spread of the disease. 3. Avoid excess application of nitrogenous fertilizers. 4. To control it, go for soil drenching of Tricoderma viridae@5g/litre of water and need based spraying of Tebuconazole @1g/litre of water along with Streptocycline@0.1g/litre of water.

**Animal husbandry:**

- Provide sufficient clean drinking water to animals. Contact departmental personnel for vaccination.

**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-72  
Date-17.03.2020

E-mail: kvkcuttack@gmail.com

**AGROMET ADVISORY BULLETIN FOR TANGI-CHOUDWAR**

District Past week weather condition

The district received 12 mm rainfall during the last week. The mean daily maximum and minimum temperature was 34°C and 21°C, respectively. Relative humidity of the district was around 80-61%. *According to NDVI map (04.03.2020 to 10.03.2020) the agriculture vigor was less over maximum blocks, whereas according to SPI value (cumulative 4weeks-13 February 2020 to 11 March 2020), severely wet condition was there.*

**Forecasted period: 18<sup>th</sup> March 2020 to 22<sup>nd</sup> March 2020**

**General Advisory:** Moderate rainfall is forecasted for Thursday and Friday and after that light rainfall is forecasted for Saturday. The day temperature will 32-35°C and night temperature will be 21-24°C for upcoming 5 days. Maximum and minimum relative humidity will be 69-89% and 39-45% respectively. There will be partly to overcast sky for next 5 days. *As rainfall is forecasted, farmers should drain out excess water from field and store in water harvesting structure for future purpose. Farmers should complete their pesticide and fertilizer application before Thursday. The forecasted rain may aggravate wilt disease in Bean, Tomato, Brinjal and Cowpea, so integrated disease management practices should be followed by the farmers.*

Block	Tangi-Choudwar				
	18/03/2020	19/03/2020	20/03/2020	21/03/2020	22/03/2020
Rainfall(mm)	0	0	12	16	7
T-Max(°C)	34	34	33	35	32
T-Min(°C)	23	24	23	23	21
Cloud Cover(octa)	0	7	6	5	4
RH Max (%)	89	88	83	69	80
RH Min (%)	45	45	41	40	39
Wind Speed (Kmph)	15	12	13	17	16
Wind Direction (deg)	212	225	195	214	180

Agromet Advisory

Pulses:

- The crop is at pod formation to harvesting (9-12 week) stage. Harvest the matured pods before Thursday if possible and keep in safe place. **Pod borer** may feed on the developing pods and seeds. Spray profenofos 50EC @2ml / lit water.
- To prevent **wilting in case of pulses** apply 1ml Validamycin in 1 ltr of water.

Oil Seeds:

Mustard:

- Rainfed mustard sown during October is at maturity stage. Go for harvesting and dry the plants under sun for easy threshing and safe storage.
- present weather may favour the infestation of **saw fly, leaf webber and aphids**. To control saw fly, spray 400ml Endosulphan/acre, to control leaf webber spray 200 ml Ithofenprox or Deltamethrin per acre. Spray 400 ml Dimethoate or Methyl demeton or 50 ml Imidachloprid in 200 litre water. Spray 1 kg Cuppor Oxychloride or 800 g Dethane-M 45/acre in 200 litre water to control **leaf blight disease**.
- Groundnut:
- Due to abrupt rise and fall in temperature and forecasted rain, there is possibility of attack of **Tobacco caterpillar** (Spodoptera litura). The forecasted weather is also favourable for its proliferation. This is a polyphagous pest. So following integrated approach should be started.
  - Use Pheromone trap using Spodo lure to monitor adult population of the insect.
  - Bird perching should be encouraged and night fire should be widely popularized
- In case of appearance of the caterpillar, prepare poison bait with 1 kg rice bran+ 200g jaggery/gur+20-25g Cartap Hydrochloride +Water. Keep the bait at 20-25 different places in the affected field.

Vegetables:

- Downymildew infestation** may occur after the rain in vegetables like cucumber, pumpkin, bittergourd. Spray 2g Metalaxyl + Mancozeb per litre of water 2 to 3 times.
- For **leaf blight in tomato**, spray 2g Chlorothalonil or 3g Copper oxychloride per litre of water. For **rust in Cowpea**, spray 2g Chlorothalonil or 2g Oxycarboxin per litre of water. In case of **early blight in Potato**, use copper based fungicide like Mancozeb 75 WP@ 2g/ltr at 15 days interval three to four times. Destroy the diseased plant parts properly.
- The forecasted rain may aggravate **wilt disease in Bean, Tomato, Brinjal and Cowpea**. Following integrated disease management practices should be followed. 1. Drain out excess water from the fields soon. 2. The affected plants should be uprooted and destroyed to prevent spread of the disease. 3. Avoid excess application of nitrogenous fertilizers. 4. To control it, go for soil drenching of Tricoderma viridae@5g/litre of water and need based spraying of Tebuconazole @ 1g/litre of water along with Streptocycline@0.1g/litre of water.

Animal husbandry:

- Provide sufficient clean drinking water to animals. Contact departmental personnel for vaccination.

**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-72  
Date-17.03.2020

E-mail: kvkcuttack@gmail.com

**AGROMET ADVISORY BULLETIN FOR TIGIRIA**

**District Past week weather condition**

The district received 12 mm rainfall during the last week. The mean daily maximum and minimum temperature was 34°C and 21°C, respectively. Relative humidity of the district was around 80-61%. *According to NDVI map (04.03.2020 to 10.03.2020) the agriculture vigor was less over maximum blocks, whereas according to SPI value (cumulative 4weeks-13 February 2020 to 11 March 2020), severely wet condition was there.*

**Forecasted period: 18<sup>th</sup> March 2020 to 22<sup>nd</sup> March 2020**

**General Advisory:** Moderate rainfall is forecasted for Thursday and Friday and after that light rainfall is forecasted for Saturday. The day temperature will 33-34°C and night temperature will be 21-24°C for upcoming 5 days. Maximum and minimum relative humidity will be 64-83% and 21-27% respectively. There will be partly to overcast sky for next 5 days. *As rainfall is forecasted, farmers should drain out excess water from field and store in water harvesting structure for future purpose. Farmers should complete their pesticide and fertilizer application before Thursday. The forecasted rain may aggravate wilt disease in Bean, Tomato, Brinjal and Cowpea, so integrated disease management practices should be followed by the farmers.*

Block	Tigiria				
	18/03/2020	19/03/2020	20/03/2020	21/03/2020	22/03/2020
Rainfall(mm)	0	0	11	15	6
T-Max(°C)	33	33	33	34	33
T-Min(°C)	22	24	21	22	21
Cloud Cover(octa)	2	8	6	6	5
RH Max (%)	77	73	71	64	83
RH Min (%)	27	22	26	21	25
Wind Speed (Kmph)	8	8	9	12	13
Wind Direction (deg)	203	15	191	255	165

**Agromet Advisory**

**Pulses:**

- The crop is at pod formation to harvesting (9-12 week) stage. Harvest the matured pods before Thursday if possible and keep in safe place. **Pod borer** may feed on the developing pods and seeds. Spray profenofos 50EC @2ml / lit water.
- To prevent **wilting in case of pulses** apply 1ml Validamycin in 1 ltr of water.

**Oil Seeds:**

**Mustard:**

- Rainfed mustard sown during October is at maturity stage. Go for harvesting and dry the plants under sun for easy threshing and safe storage.
- present weather may favour the infestation of **saw fly, leaf webber and aphids**. To control saw fly, spray 400ml Endosulphan/acre, to control leaf webber spray 200 ml Ithofenprox or Deltamethrin per acre. Spray 400 ml Dimethoate or Methyl demeton or 50 ml Imidachloprid in 200 litre water. Spray 1 kg Cuppor Oxychloride or 800 g Dethane-M 45/acre in 200 litre water to control **leaf blight disease**.

**Groundnut:**

- Due to abrupt rise and fall in temperature and forecasted rain, there is possibility of attack of **Tobacco caterpillar** (Spodoptera litura). The forecasted weather is also favourable for its proliferation. This is a polyphagous pest. So following integrated approach should be started.
  - Use Pheromone trap using Spodo lure to monitor adult population of the insect.
  - Bird perching should be encouraged and night fire should be widely popularized
- In case of appearance of the caterpillar, prepare poison bait with 1 kg rice bran+ 200g jaggery/gur+20-25g Cartap Hydrochloride +Water. Keep the bait at 20-25 different places in the affected field.

**Vegetables:**

- Downymildew infestation** may occur after the rain in vegetables like cucumber, pumpkin, bittergourd. Spray 2g Metalaxyl + Mancozeb per litre of water 2 to 3 times.
- For **leaf blight in tomato**, spray 2g Chlorothalonil or 3g Copper oxychloride per litre of water. For **rust in Cowpea**, spray 2g Chlorothalonil or 2g Oxycarboxin per litre of water. In case of **early blight in Potato**, use copper based fungicide like Mancozeb 75 WP@ 2g/lit at 15 days interval three to four times. Destroy the diseased plant parts properly.
- The forecasted rain may aggravate **wilt disease in Bean, Tomato, Brinjal and Cowpea**. Following integrated disease management practices should be followed. 1. Drain out excess water from the fields soon. 2. The affected plants should be uprooted and destroyed to prevent spread of the disease. 3. Avoid excess application of nitrogenous fertilizers. 4. To control it, go for soil drenching of Tricoderma viridae@5g/litre of water and need based spraying of Tebuconazole @1g/litre of water along with Streptocycline@0.1g/litre of water.

**Animal husbandry:**

- Provide sufficient clean drinking water to animals. Contact departmental personnel for vaccination.

**Dr. Dilip Ranjan Sarangi**

(Nodal officer)

**Debasish Jena**

SMS (Agrometeorology)

Contact No-9861445080/7008453427