



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



**Bulletin No-70**  
**Date-11.03.2020**

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

**District Past week weather condition**

The district received 44 mm rainfall during the last week. The mean daily maximum and minimum temperature was 31°C and 20°C, respectively. Relative humidity of the district was around 84-68%. *According to NDVI map (26.02.2020 to 03.03.2020) the agriculture vigor was less over maximum blocks, whereas according to SPI value (cumulative 4weeks-06 February 2020 to 04 March 2020), moderately wet condition was there.*

**Forecasted period: 12<sup>th</sup> March 2020 to 16<sup>th</sup> March 2020**

**General Advisory:** Light to moderate rainfall is forecasted from today to Saturday. The day temperature will 32-34°C and night temperature will be 20-22°C for upcoming 5 days. Maximum and minimum relative humidity will be 78-95% and 30-38% respectively. There will partly to mainly cloudy 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 stop their pesticide and fertilizer application and irrigation activity in rainy day conditions.*

Block	Athagad				
	12/03/2020	13/03/2020	14/03/2020	15/03/2020	16/03/2020
<b>Rainfall (mm)</b>	7	15	2	11	0
<b>T-Max (°C)</b>	34	33	33	32	32
<b>T-Min (°C)</b>	22	22	20	21	21
<b>Cloud Cover (octa)</b>	1	4	0	6	4
<b>RH Max (%)</b>	93	83	95	82	78
<b>RH Min (%)</b>	36	38	31	38	30
<b>Wind Speed (kmph)</b>	15	6	12	11	10
<b>Wind Direction (deg)</b>	180	200	162	105	158

**Agromet Advisory**

**Pulses:**

- At present gram is in pod formation/development stage and at this stage the incidence of gram pod borer is commonly observed the fields. Hence, farmers are advised to keep keen watch over the crops and adopt integrated pest management practices like light trap, pheromone trap etc. For initial control. If necessary spray insecticides like Aciphate WP @ 250 g/ha (250 ml/ha) or Polytrin C @ 1 liter/ha.
- 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 Oxchloride 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. Keep the animal shed clean and dry.

**Dr. Dilip Ranjan Sarangi**  
 (Nodal officer)

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



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**KRISHI VIGYAN KENDRA CUTTACK**  
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**Bulletin No-70**  
**Date-11.03.2020**

E-mail: kvkcuttack@gmail.com

**AGROMET ADVISORY BULLETIN FOR BADAMBBA**

The district received 44 mm rainfall during the last week. The mean daily maximum and minimum temperature was 31°C and 20°C, respectively. Relative humidity of the district was around 84-68%. *According to NDVI map (26.02.2020 to 03.03.2020) the agriculture vigor was less over maximum blocks, whereas according to SPI value (cumulative 4weeks-06 February 2020 to 04 March 2020), moderately wet condition was there.*

**Forecasted period: 12<sup>th</sup> March 2020 to 16<sup>th</sup> March 2020**

**General Advisory:** Light to moderate rainfall is forecasted from today to Saturday. The day temperature will 32-34°C and night temperature will be 20-21°C for upcoming 5 days. Maximum and minimum relative humidity will be 77-92% and 29-37% respectively. There will be partly to mainly cloudy 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 stop their pesticide and fertilizer application and irrigation activity in rainy day conditions.*

Block	Badamba				
	12/03/2020	13/03/2020	14/03/2020	15/03/2020	16/03/2020
Rainfall(mm)	5	11	3	10	0
T-Max(°C)	33	34	33	32	32
T-Min(°C)	21	21	20	20	21
Cloud Cover(octa)	1	3	0	6	3
RH Max (%)	92	85	91	87	77
RH Min (%)	37	35	30	35	29
Wind Speed (Kmph)	14	7	11	9	10
Wind Direction (deg)	180	124	158	90	150

**Agromet Advisory**

**Pulses:**

- At present gram is in pod formation/development stage and at this stage the incidence of gram pod borer is commonly observed the fields. Hence, farmers are advised to keep keen watch over the crops and adopt integrated pest management practices like light trap, pheromone trap etc. For initial control. If necessary spray insecticides like Aciphate WP @ 250 g/ha (250 ml/ha) or Polytrin C @ 1 liter/ha.
- 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. Keep the animal shed clean and dry.

**Dr. Dilip Ranjan Sarangi**  
 (Nodal officer)

**Debasish Jena**

SMS (Agrometeorology)

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**Bulletin No-70**  
**Date-11.03.2020**

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**AGROMET ADVISORY BULLETIN FORBANKI**

**District Past week weather condition**

The district received 44 mm rainfall during the last week. The mean daily maximum and minimum temperature was 31°C and 20°C, respectively. Relative humidity of the district was around 84-68%. *According to NDVI map (26.02.2020 to 03.03.2020) the agriculture vigor was less over maximum blocks, whereas according to SPI value (cumulative 4weeks-06 February 2020 to 04 March 2020), moderately wet condition was there.*

**Forecasted period: 12<sup>th</sup> March 2020 to 16<sup>th</sup> March 2020**

**General Advisory:** Light to moderate rainfall is forecasted from today to Saturday. The day temperature will 32-34°C and night temperature will be 20-22°C for upcoming 5 days. Maximum and minimum relative humidity will be 79-93% and 28-38% respectively. There will be partly to mainly cloudy 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 stop their pesticide and fertilizer application and irrigation activity in rainy day conditions.*

Block	Banki				
	12/03/2020	13/03/2020	14/03/2020	15/03/2020	16/03/2020
Date	12/03/2020	13/03/2020	14/03/2020	15/03/2020	16/03/2020
Rainfall(mm)	3	11	2	9	0
T-Max(°C)	33	34	33	32	32
T-Min(°C)	21	22	20	21	21
Cloud Cover(octa)	1	3	0	6	3
RH Max (%)	93	86	93	85	79
RH Min (%)	38	36	30	35	28
Wind Speed (Kmph)	16	7	12	11	10
Wind Direction (deg)	180	199	180	90	150

**Agromet Advisory**

**Pulses:**

- At present gram is in pod formation/development stage and at this stage the incidence of gram pod borer is commonly observed the fields. Hence, farmers are advised to keep keen watch over the crops and adopt integrated pest management practices like light trap, pheromone trap etc. For initial control. If necessary spray insecticides like Aciphate WP @ 250 g/ha (250 ml/ha) or Polytrin C @ 1 liter/ha.
- 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.
  - Drain out excess water from the fields soon.
  - The affected plants should be uprooted and destroyed to prevent spread of the disease.
  - Avoid excess application of nitrogenous fertilizers.
  - 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. Keep the animal shed clean and dry.

**Dr.Dilip Ranjan Sarangi**  
 (Nodal officer)

**Debasish Jena**  
**SMS (Agrometeorology)**  
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**Bulletin No-70**  
**Date-11.03.2020**

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**AGROMET ADVISORY BULLETIN FOR BANKI- DAMPARA**  
**District Past week weather condition**

The district received 44 mm rainfall during the last week. The mean daily maximum and minimum temperature was 31°C and 20°C, respectively. Relative humidity of the district was around 84-68%. *According to NDVI map (26.02.2020 to 03.03.2020) the agriculture vigor was less over maximum blocks, whereas according to SPI value (cumulative 4weeks-06 February 2020 to 04 March 2020), moderately wet condition was there.*

**Forecasted period: 12<sup>th</sup> March 2020 to 16<sup>th</sup> March 2020**

**General Advisory:** Light to moderate rainfall is forecasted from today to Saturday. The day temperature will 32-34°C and night temperature will be 20-22°C for upcoming 5 days. Maximum and minimum relative humidity will be 79-93% and 28-38% respectively. There will be partly to mainly cloudy 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 stop their pesticide and fertilizer application and irrigation activity in rainy day conditions.*

Block	Banki-Dampara				
	12/03/2020	13/03/2020	14/03/2020	15/03/2020	16/03/2020
Rainfall(mm)	4	12	2	10	0
T-Max(°C)	33	34	33	32	32
T-Min(°C)	21	22	20	21	21
Cloud Cover(octa)	1	3	0	6	3
RH Max (%)	93	86	93	85	79
RH Min (%)	38	37	30	35	28
Wind Speed (Kmph)	16	7	12	11	10
Wind Direction (deg)	180	199	180	90	150

**Agromet Advisory**

**Pulses:**

- At present gram is in pod formation/development stage and at this stage the incidence of gram pod borer is commonly observed the fields. Hence, farmers are advised to keep keen watch over the crops and adopt integrated pest management practices like light trap, pheromone trap etc. For initial control. If necessary spray insecticides like Aciphate WP @ 250 g/ha (250 ml/ha) or Polytrin C @ 1 liter/ha.
- 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. Keep the animal shed clean and dry.

**Dr.Dilip Ranjan Sarangi**  
 (Nodal officer)

**Debasish Jena**

SMS (Agrometeorology)

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**Bulletin No-70**  
**Date-11.03.2020**

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

**District Past week weather condition**

The district received 44 mm rainfall during the last week. The mean daily maximum and minimum temperature was 31°C and 20°C, respectively. Relative humidity of the district was around 84-68%. *According to NDVI map (26.02.2020 to 03.03.2020) the agriculture vigor was less over maximum blocks, whereas according to SPI value (cumulative 4weeks-06 February 2020 to 04 March 2020), moderately wet condition was there.*

**Forecasted period: 12<sup>th</sup> March 2020 to 16<sup>th</sup> March 2020**

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Block	Baranga				
	12/03/2020	13/03/2020	14/03/2020	15/03/2020	16/03/2020
Rainfall(mm)	3	16	3	8	0
T-Max(°C)	32	33	32	31	31
T-Min(°C)	23	23	21	22	22
Cloud Cover	1	3	0	6	4
RH Max (%)	93	88	96	82	80
RH Min (%)	40	42	33	38	31
Wind Speed (Kmph)	17	9	12	11	10
Wind Direction (deg)	201	200	198	108	68

**Agromet Advisory**

**Pulses:**

- At present gram is in pod formation/development stage and at this stage the incidence of gram pod borer is commonly observed the fields. Hence, farmers are advised to keep keen watch over the crops and adopt integrated pest management practices like light trap, pheromone trap etc. For initial control. If necessary spray insecticides like Aciphate WP @ 250 g/ha (250 ml/ha) or Polytrin C @ 1 liter/ha.
- 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 Oxchloride 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:**

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- 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. Keep the animal shed clean and dry.

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 (Nodal officer)

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**AGROMET ADVISORY BULLETIN FOR CUTTACK SADAR**

**District Past week weather condition**

The district received 44 mm rainfall during the last week. The mean daily maximum and minimum temperature was 31°C and 20°C, respectively. Relative humidity of the district was around 84-68%. *According to NDVI map (26.02.2020 to 03.03.2020) the agriculture vigor was less over maximum blocks, whereas according to SPI value (cumulative 4weeks-06 February 2020 to 04 March 2020), moderately wet condition was there.*

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Block	Cuttack sadar				
	12/03/2020	13/03/2020	14/03/2020	15/03/2020	16/03/2020
Date	12/03/2020	13/03/2020	14/03/2020	15/03/2020	16/03/2020
Rainfall(mm)	5	17	3	7	0
T-Max(°C)	33	33	33	31	31
T-Min(°C)	23	23	21	22	22
Cloud Cover(octa)	1	4	0	6	4
RH Max (%)	93	85	96	81	79
RH Min (%)	38	41	32	40	32
Wind Speed (Kmph)	16	8	11	12	10
Wind Direction (deg)	198	197	167	108	68

**Agromet Advisory**

**Pulses:**

- At present gram is in pod formation/development stage and at this stage the incidence of gram pod borer is commonly observed the fields. Hence, farmers are advised to keep keen watch over the crops and adopt integrated pest management practices like light trap, pheromone trap etc. For initial control. If necessary spray insecticides like Aciphate WP @ 250 g/ha (250 ml/ha) or Polytrin C @ 1 liter/ha.
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**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.
  - Drain out excess water from the fields soon.
  - The affected plants should be uprooted and destroyed to prevent spread of the disease.
  - Avoid excess application of nitrogenous fertilizers.
  - 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. Keep the animal shed clean and dry.

**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-70**  
**Date-11.03.2020**

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

**District Past week weather condition**

The district received 44 mm rainfall during the last week. The mean daily maximum and minimum temperature was 31°C and 20°C, respectively. Relative humidity of the district was around 84-68%. *According to NDVI map (26.02.2020 to 03.03.2020) the agriculture vigor was less over maximum blocks, whereas according to SPI value (cumulative 4weeks-06 February 2020 to 04 March 2020), moderately wet condition was there.*

**Forecasted period: 12<sup>th</sup> March 2020 to 16<sup>th</sup> March 2020**

**General Advisory:** Light to moderate rainfall is forecasted from today to Saturday. The day temperature will 31-32°C and night temperature will be 21-23°C for upcoming 5 days. Maximum and minimum relative humidity will be 83-95% and 35-46% respectively. There will be partly to mainly cloudy sky for next 4 days. *As rainfall is forecasted, farmers should drain out excess water from field and store in water harvesting structure for future purpose. Farmers should stop their pesticide and fertilizer application and irrigation activity in rainy day conditions.*

Block	Kantapada				
	12/03/2020	13/03/2020	14/03/2020	15/03/2020	16/03/2020
Date	12/03/2020	13/03/2020	14/03/2020	15/03/2020	16/03/2020
Rainfall(mm)	2	11	2	5	0
T-Max(°C)	32	32	32	31	31
T-Min(°C)	23	23	21	22	22
Cloud Cover(octa)	1	1	0	5	3
RH Max (%)	93	93	95	83	83
RH Min (%)	45	46	35	39	35
Wind Speed (Kmph)	16	10	12	11	10
Wind Direction (deg)	201	198	198	108	135

**Agromet Advisory**

**Pulses:**

- At present gram is in pod formation/development stage and at this stage the incidence of gram pod borer is commonly observed the fields. Hence, farmers are advised to keep keen watch over the crops and adopt integrated pest management practices like light trap, pheromone trap etc. For initial control. If necessary spray insecticides like Aciphate WP @ 250 g/ha (250 ml/ha) or Polytrin C @ 1 liter/ha.
- 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.
  - Drain out excess water from the fields soon.
  - The affected plants should be uprooted and destroyed to prevent spread of the disease.
  - Avoid excess application of nitrogenous fertilizers.
  - 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. Keep the animal shed clean and dry.

**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-70**  
**Date-11.03.2020**

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

**District Past week weather condition**

The district received 44 mm rainfall during the last week. The mean daily maximum and minimum temperature was 31°C and 20°C, respectively. Relative humidity of the district was around 84-68%. *According to NDVI map (26.02.2020 to 03.03.2020) the agriculture vigor was less over maximum blocks, whereas according to SPI value (cumulative 4weeks-06 February 2020 to 04 March 2020), moderately wet condition was there.*

**Forecasted period: 12<sup>th</sup> March 2020 to 16<sup>th</sup> March 2020**

**General Advisory:** Light to moderate rainfall is forecasted from today to Saturday. The day temperature will 31-33°C and night temperature will be 21-23°C for upcoming 5 days. Maximum and minimum relative humidity will be 80-95% and 36-46% respectively. There will be partly to mainly cloudy sky for next 4 days. *As rainfall is forecasted, farmers should drain out excess water from field and store in water harvesting structure for future purpose. Farmers should stop their pesticide and fertilizer application and irrigation activity in rainy day conditions.*

Block	Mahanga				
	12/03/2020	13/03/2020	14/03/2020	15/03/2020	16/03/2020
Rainfall(mm)	6	10	3	5	0
T-Max(°C)	33	33	33	31	31
T-Min(°C)	23	23	21	22	22
Cloud Cover(octal)	1	3	0	6	4
RH Max (%)	94	88	95	80	81
RH Min (%)	45	44	36	46	40
Wind Speed (Kmph)	16	8	10	11	11
Wind Direction (deg)	198	203	180	90	75

**Agromet Advisory**

**Pulses:**

- At present gram is in pod formation/development stage and at this stage the incidence of gram pod borer is commonly observed the fields. Hence, farmers are advised to keep keen watch over the crops and adopt integrated pest management practices like light trap, pheromone trap etc. For initial control. If necessary spray insecticides like Aciphate WP @ 250 g/ha (250 ml/ha) or Polytrin C @ 1 liter/ha.
- 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 Oxchloride 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. Keep the animal shed clean and dry.

**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-70**  
**Date-11.03.2020**

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

**District Past week weather condition**

The district received 44 mm rainfall during the last week. The mean daily maximum and minimum temperature was 31°C and 20°C, respectively. Relative humidity of the district was around 84-68%. *According to NDVI map (26.02.2020 to 03.03.2020) the agriculture vigor was less over maximum blocks, whereas according to SPI value (cumulative 4weeks-06 February 2020 to 04 March 2020), moderately wet condition was there.*

**Forecasted period: 12<sup>th</sup> March 2020 to 16<sup>th</sup> March 2020**

**General Advisory:** Light to moderate rainfall is forecasted from today to Saturday. The day temperature will 31-34°C and night temperature will be 19-21°C for upcoming 5 days. Maximum and minimum relative humidity will be 76-90% and 30-35% respectively. There will be partly to mainly cloudy 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 stop their pesticide and fertilizer application and irrigation activity in rainy day conditions.*

Block	Narasinghpur				
	12/03/2020	13/03/2020	14/03/2020	15/03/2020	16/03/2020
Rainfall(mm)	2	18	4	11	0
T-Max(°C)	33	34	32	32	31
T-Min(°C)	20	21	19	20	20
Cloud Cover(/octa)	2	3	0	6	3
RH Max (%)	90	85	88	90	76
RH Min (%)	35	33	30	34	30
Wind Speed (Kmph)	9	5	7	7	7
Wind Direction (deg)	180	158	161	45	150

**Agromet Advisory**

**Pulses:**

- At present gram is in pod formation/development stage and at this stage the incidence of gram pod borer is commonly observed the fields. Hence, farmers are advised to keep keen watch over the crops and adopt integrated pest management practices like light trap, pheromone trap etc. For initial control. If necessary spray insecticides like Aciphate WP @ 250 g/ha (250 ml/ha) or Polytrin C @ 1 liter/ha.
- 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 Oxchloride 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. Keep the animal shed clean and dry.

**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-70**  
**Date-11.03.2020**

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

The district received 44 mm rainfall during the last week. The mean daily maximum and minimum temperature was 31°C and 20°C, respectively. Relative humidity of the district was around 84-68%. *According to NDVI map (26.02.2020 to 03.03.2020) the agriculture vigor was less over maximum blocks, whereas according to SPI value (cumulative 4weeks-06 February 2020 to 04 March 2020), moderately wet condition was there.*

**Forecasted period: 12<sup>th</sup> March 2020 to 16<sup>th</sup> March 2020**

**General Advisory:** Light to moderate rainfall is forecasted from today to Saturday. The day temperature will 31-32°C and night temperature will be 21-23°C for upcoming 5 days. Maximum and minimum relative humidity will be 85-95% and 36-51% respectively. There will be partly to mainly cloudy sky for next 4 days. *As rainfall is forecasted, farmers should drain out excess water from field and store in water harvesting structure for future purpose. Farmers should stop their pesticide and fertilizer application and irrigation activity in rainy day conditions.*

Block	Niali				
	12/03/2020	13/03/2020	14/03/2020	15/03/2020	16/03/2020
Rainfall(mm)	1	10	2	7	0
T-Max(°C)	31	32	32	31	32
T-Min(°C)	23	22	21	22	21
Cloud Cover(octa)	1	0	0	5	3
RH Max (%)	92	95	94	85	85
RH Min (%)	49	51	38	42	36
Wind Speed (Kmph)	15	12	12	11	10
Wind Direction (deg)	201	199	198	113	135

**Agromet Advisory**

**Pulses:**

- At present gram is in pod formation/development stage and at this stage the incidence of gram pod borer is commonly observed the fields. Hence, farmers are advised to keep keen watch over the crops and adopt integrated pest management practices like light trap, pheromone trap etc. For initial control. If necessary spray insecticides like Aciphate WP @ 250 g/ha (250 ml/ha) or Polytrin C @ 1 liter/ha.
- 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. Keep the animal shed clean and dry.

**Dr. Dilip Ranjan Sarangi**  
 (Nodal officer)

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



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



**Bulletin No-70**  
**Date-11.03.2020**

E-mail: kvkcuttack@gmail.com

**AGROMET ADVISORY BULLETIN FOR NISCHINTAKOILI**

**District Past week weather condition**

The district received 44 mm rainfall during the last week. The mean daily maximum and minimum temperature was 31°C and 20°C, respectively. Relative humidity of the district was around 84-68%. *According to NDVI map (26.02.2020 to 03.03.2020) the agriculture vigor was less over maximum blocks, whereas according to SPI value (cumulative 4weeks-06 February 2020 to 04 March 2020), moderately wet condition was there.*

**Forecasted period: 12<sup>th</sup> March 2020 to 16<sup>th</sup> March 2020**

**General Advisory:** Light to moderate rainfall is forecasted from today to Saturday. The day temperature will 31-33°C and night temperature will be 21-23°C for upcoming 5 days. Maximum and minimum relative humidity will be 81-96% and 36-46% respectively. There will be partly to mainly cloudy sky for next 4 days. *As rainfall is forecasted, farmers should drain out excess water from field and store in water harvesting structure for future purpose. Farmers should stop their pesticide and fertilizer application and irrigation activity in rainy day conditions.*

Block	Nischintakoili				
	12/03/2020	13/03/2020	14/03/2020	15/03/2020	16/03/2020
<b>Date</b>	12/03/2020	13/03/2020	14/03/2020	15/03/2020	16/03/2020
<b>Rainfall(mm)</b>	5	13	2	6	0
<b>T-Max(°C)</b>	33	32	33	31	31
<b>T-Min(°C)</b>	23	23	21	22	22
<b>Cloud Cover(octa)</b>	1	3	0	6	4
<b>RH Max (%)</b>	93	89	96	81	81
<b>RH Min (%)</b>	45	46	36	44	39
<b>Wind Speed (Kmph)</b>	16	9	10	11	10
<b>Wind Direction (deg)</b>	198	198	180	108	75

**Agromet Advisory**

**Pulses:**

- At present gram is in pod formation/development stage and at this stage the incidence of gram pod borer is commonly observed the fields. Hence, farmers are advised to keep keen watch over the crops and adopt integrated pest management practices like light trap, pheromone trap etc. For initial control. If necessary spray insecticides like Aciphate WP @ 250 g/ha (250 ml/ha) or Polytrin C @ 1 liter/ha.
- 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.
  - Drain out excess water from the fields soon.
  - The affected plants should be uprooted and destroyed to prevent spread of the disease.
  - Avoid excess application of nitrogenous fertilizers.
  - 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. Keep the animal shed clean and dry.

**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-70**  
**Date-11.03.2020**

E-mail: kvkcuttack@gmail.com

**AGROMET ADVISORY BULLETIN FOR SALEPUR**

**District Past week weather condition**

The district received 44 mm rainfall during the last week. The mean daily maximum and minimum temperature was 31°C and 20°C, respectively. Relative humidity of the district was around 84-68%. *According to NDVI map (26.02.2020 to 03.03.2020) the agriculture vigor was less over maximum blocks, whereas according to SPI value (cumulative 4weeks-06 February 2020 to 04 March 2020), moderately wet condition was there.*

**Forecasted period: 12<sup>th</sup> March 2020 to 16<sup>th</sup> March 2020**

**General Advisory:** Light to moderate rainfall is forecasted from today to Saturday. The day temperature will 31-33°C and night temperature will be 21-23°C for upcoming 5 days. Maximum and minimum relative humidity will be 80-96% and 36-45% respectively. There will be partly to mainly cloudy 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 stop their pesticide and fertilizer application and irrigation activity in rainy day conditions.*

Block	Salepur				
	12/03/2020	13/03/2020	14/03/2020	15/03/2020	16/03/2020
Rainfall(mm)	6	11	3	7	0
T-Max(°C)	33	33	33	31	31
T-Min(°C)	23	23	21	22	22
Cloud Cover(octa)	1	3	0	6	4
RH Max (%)	93	89	96	81	80
RH Min (%)	44	45	36	43	38
Wind Speed (Kmph)	16	9	10	11	10
Wind Direction (deg)	201	200	180	108	75

**Agromet Advisory**

**Pulses:**

- At present gram is in pod formation/development stage and at this stage the incidence of gram pod borer is commonly observed the fields. Hence, farmers are advised to keep keen watch over the crops and adopt integrated pest management practices like light trap, pheromone trap etc. For initial control. If necessary spray insecticides like Aciphate WP @ 250 g/ha (250 ml/ha) or Polytrin C @ 1 liter/ha.
- 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.
  - Drain out excess water from the fields soon.
  - The affected plants should be uprooted and destroyed to prevent spread of the disease.
  - Avoid excess application of nitrogenous fertilizers.
  - 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. Keep the animal shed clean and dry.

**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-70**  
**Date-11.03.2020**

E-mail: kvkcuttack@gmail.com

**AGROMET ADVISORY BULLETIN FOR TANGI-CHOUDWAR**

District Past week weather condition

The district received 44 mm rainfall during the last week. The mean daily maximum and minimum temperature was 31°C and 20°C, respectively. Relative humidity of the district was around 84-68%. *According to NDVI map (26.02.2020 to 03.03.2020) the agriculture vigor was less over maximum blocks, whereas according to SPI value (cumulative 4weeks-06 February 2020 to 04 March 2020), moderately wet condition was there.*

**Forecasted period: 12<sup>th</sup> March 2020 to 16<sup>th</sup> March 2020**

**General Advisory:** Light to moderate rainfall is forecasted from today to Saturday. The day temperature will 30-32°C and night temperature will be 20-22°C for upcoming 5 days. Maximum and minimum relative humidity will be 81-93% and 47-59% respectively. There will be partly to mainly cloudy sky for next 4 days. *As rainfall is forecasted, farmers should drain out excess water from field and store in water harvesting structure for future purpose. Farmers should stop their pesticide and fertilizer application and irrigation activity in rainy day conditions.*

Block	Tangi-Choudwar				
	12/03/2020	13/03/2020	14/03/2020	15/03/2020	16/03/2020
Date	12/03/2020	13/03/2020	14/03/2020	15/03/2020	16/03/2020
Rainfall(mm)	3	12	3	6	0
T-Max(°C)	32	31	32	30	31
T-Min(°C)	22	22	20	21	21
Cloud Cover(octa)	1	0	0	6	4
RH Max (%)	91	93	93	81	82
RH Min (%)	57	59	50	53	47
Wind Speed (Kmph)	15	13	12	12	12
Wind Direction (deg)	198	203	180	117	113

Agromet Advisory

Pulses:

- At present gram is in pod formation/development stage and at this stage the incidence of gram pod borer is commonly observed the fields. Hence, farmers are advised to keep keen watch over the crops and adopt integrated pest management practices like light trap, pheromone trap etc. For initial control. If necessary spray insecticides like Aciphate WP @ 250 g/ha (250 ml/ha) or Polytrin C @ 1 liter/ha.
- 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 Oxchloride 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.
  - Drain out excess water from the fields soon.
  - The affected plants should be uprooted and destroyed to prevent spread of the disease.
  - Avoid excess application of nitrogenous fertilizers.
  - 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. Keep the animal shed clean and dry.

**Dr.Dilip Ranjan Sarangi**  
 (Nodal officer)

**Debasish Jena**

SMS (Agrometeorology)

Contact No-9861445080/7008453427



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**DISTRICT AGROMET UNIT**  
**KRISHI VIGYAN KENDRA CUTTACK**  
**(A Unit of ICAR-National Rice Research Institute)**



**Bulletin No-70**  
**Date-11.03.2020**

E-mail: kvkcuttack@gmail.com

**AGROMET ADVISORY BULLETIN FOR TIGIRIA**

**District Past week weather condition**

The district received 44 mm rainfall during the last week. The mean daily maximum and minimum temperature was 31°C and 20°C, respectively. Relative humidity of the district was around 84-68%. *According to NDVI map (26.02.2020 to 03.03.2020) the agriculture vigor was less over maximum blocks, whereas according to SPI value (cumulative 4weeks-06 February 2020 to 04 March 2020), moderately wet condition was there.*

**Forecasted period: 12<sup>th</sup> March 2020 to 16<sup>th</sup> March 2020**

**General Advisory:** Light to moderate rainfall is forecasted from today to Saturday. The day temperature will 32-34°C and night temperature will be 20-22°C for upcoming 5 days. Maximum and minimum relative humidity will be 78-94% and 30-37% respectively. There will be partly to mainly cloudy 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 stop their pesticide and fertilizer application and irrigation activity in rainy day conditions.*

Block	Tigiria				
	12/03/2020	13/03/2020	14/03/2020	15/03/2020	16/03/2020
Rainfall(mm)	8	13	3	10	0
T-Max(°C)	34	34	33	32	32
T-Min(°C)	21	22	20	21	21
Cloud Cover(octa)	1	4	0	6	4
RH Max (%)	92	83	94	84	78
RH Min (%)	36	37	30	37	30
Wind Speed (Kmph)	15	6	11	10	10
Wind Direction (deg)	180	135	161	90	154

**Agromet Advisory**

**Pulses:**

- At present gram is in pod formation/development stage and at this stage the incidence of gram pod borer is commonly observed the fields. Hence, farmers are advised to keep keen watch over the crops and adopt integrated pest management practices like light trap, pheromone trap etc. For initial control. If necessary spray insecticides like Aciphate WP @ 250 g/ha (250 ml/ha) or Polytrin C @ 1 liter/ha.
- To prevent **wilting in case of pulses** apply 1ml Validamycin in 1 ltr of water.

**Oil Seeds:**

**Mustard:**

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- 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.
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**Vegetables:**

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**Animal husbandry:**

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