



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



**Bulletin No-84**  
**Date-28.04.2020**

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

**District Past week weather condition**

The district received 95 mm rainfall during the last week. The mean daily maximum and minimum temperature was 33°C and 21°C, respectively. Relative humidity of the district was around 85-73%. **According to NDVI map (15.04.2020 to 21.04.2020) the agriculture vigor was moderate over maximum blocks, whereas according to SPI value (cumulative 4weeks-26 March 2020 to 22 April 2020), mildly wet condition was there.**

**Forecasted period: 29<sup>th</sup> April 2020 to 03<sup>rd</sup> May 2020**

**General Advisory:** **As per IMD, light to moderate rain or thundershower is forecasted for upcoming 5 days.** The day temperature will 30-36°C and night temperature will be 22-24°C for upcoming 5 days. Maximum and minimum relative humidity will be 83-88% and 21-40% respectively. There will be clear to partly cloudy sky for next 5 days.

Block	Athagad (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	29/04/2020	30/04/2020	01/05/2020	02/05/2020	03/05/2020
<b>Rainfall (mm)</b>	20	7	11	6	3
<b>T-Max (°C)</b>	30	31	34	36	35
<b>T-Min (°C)</b>	22	24	24	24	24
<b>Cloud Cover (octa)</b>	2	1	1	2	1
<b>RH Max (%)</b>	85	86	83	88	84
<b>RH Min (%)</b>	40	37	36	21	29
<b>Wind Speed (kmph)</b>	15	19	23	17	20
<b>Wind Direction (deg)</b>	189	193	197	180	193

**Agromet Advisory**

**JUTE:** The weather is optimum for Jute sowing. Grow the recommended variety JRO-524 (Naveen) of 130 to 140 days duration and resistant to mite. Apply 5 cartload of FYM per acre during final land preparation and apply 12:12 kg PK/acre as basal. Use 2 kg seeds/acre for line sowing and 3 kg seeds for broadcasting. Before sowing seeds are to be treated with 2 g Carbenidazim or 3 g Thiram/kg seeds to avoid root and stem rot. To maintain 2 lakh healthy plants/acre, sow the seeds in lines at 25 cm apart with 3 cm depth.

**SESAME:** The early sown crop at 2 to 3 week stage. Go for weeding and hoeing. Apply 13 kg. urea followed by earthing up. Irrigate the crop after fertilizer application. Intercultural operations should be completed within 25 days as the flowering starts after 25 days. To control leaf webber, spray 400 ml Endosulphan. per acre.

**CASHEW NUT:** Cashew root and shoot borer infestation has been found. Cashew farmers are suggested to inspect base of trees for exudation/ oozing of gum out of trunk and if found, adopt curative treatment by carefully removing the bark and tracking the grubs inside and destroy them.

**VEGETABLES AND FRUITS: (After rain)**

- **Spraying or dusting of plant protection chemicals should be done in a clear weather condition after Saturday and avoided in rainy days.**
- Drain out excess water from the vegetable nursery and cover it with polythene.
- Go for summer ploughing as the block will receive light to moderate pre-monsoon rainfall.
- **Okra:**-White fly:- Spray Thiomethoxam @5g/15ltr.Water.
- **Chilli:**-Thrips:-Spray Acetamiprid @ 1g/ltr of water or spiromesifen @ 1ml/ltr of water. For controlling root rot and dieback in chilli spray 3 g Indophil-M-45 or 1.5 g Topsin-M in one litre water.
- 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. Current weather is favourable for attack of fruit fly in cucurbits. So install cue lure for mass trapping of the insects. Go for placement of poison baits and spraying of solution made with 2g Cartap hydrochloride+100g gur per litre of water.
- **Brinjal:**-Fruit & shoot borer in brinjal:-Soil application of Cartap hydrochloride @ 25kg/ha (10kg/ac) .
- To prevent wilting in **vegetable crops** apply 2g Captan in 1lt of water.
- Apply 1g Carbendazim or Tebuconazol in 1lt water to control leaf spot.
- To control leaf blight in **Cucurbits**, apply 2g Metalaxil+ Mancozeb or 0.6g Azoxystrobin + Tebuconazol 2 to 3 times alternatively in 10 days interval.
- To control leaf blight in **tomato**, apply 2g Chloromethanol or 3g copper oxichoraide in 1lt of water.
- Spray 300 ml Ethion or 400 ml Carbusulphan or Chloropyrifos in 200 litre water to control Thrips in **Chilli and Capsicum**.
- Leaf spot in ridge gourd has been found..Spray 3.5 ml Indofil -M- 45 in 1 litre water.
- Fruit and shoot borer in **brinjal** is found. Release 20,000 Tricogama Parasites per acre or spray 1 litre of 300 ppm Neem based pesticides or 1000 g Carbaryl per acre in 200 litre water.
- Red spider mite is found in **lady's finger and cowpea**. Spray Kelthane @ 200 g a.i./acre at weekly interval.
- The forecasted rain may initiate wilting in **brinjal and tomato**. Spray 1 g Streptocycline in ten litre water in the root zone of the plants
- **Pointed gourd** is at flowering and fruiting stage Don't go for weeding The grasses and weeds will help in maintaining the humidity and it is for safe for creeping of the vines and does not allow the fruit to come in contact with soil and avoid fruit rot. Late planted pointed gourd at pre flowering stage. Go for weeding and hoeing followed by application of recommended dose of fertilizer. If fungal wilting will appear in pointed gourd. Spray 1.5 ml Carbendazim in 1 litre water.
- Prevailing conditions are favourable for incidence of hoppers in **mango**. To control it, spray Thiomethoxam @0.4 g + Hexaconazol @ 2ml/l of water.
- **Animal Husbandry:** Provide sufficient clean drinking water to cattle and keep their sheds clean. Provide vaccination at regular interval.
- **The south west monsoon (June-September) forecast in 2020 over the country, predicted by IMD is likely to be Normal (96-104%). Hence Farmers should prepare the crop plan depending upon the land type, soil fertility, Variety availability and irrigation facility.**

**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**  
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**Bulletin No-64**  
**Date-18.02.2020**

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

The district received 95 mm rainfall during the last week. The mean daily maximum and minimum temperature was 33°C and 21°C, respectively. Relative humidity of the district was around 85-73%. According to NDVI map (15.04.2020 to 21.04.2020) the agriculture vigor was moderate over maximum blocks, whereas according to SPI value (cumulative 4weeks-26 March 2020 to 22 April 2020), mildly wet condition was there.

**Forecasted period: 29<sup>th</sup> April 2020 to 03<sup>rd</sup> May 2020**

**General Advisory:** As per IMD, light to moderate rain or thundershower is forecasted for upcoming 5 days. The day temperature will 31-36°C and night temperature will be 22-23°C for upcoming 5 days. Maximum and minimum relative humidity will be 82-86% and 20-36% respectively. There will be clear to partly cloudy sky for next 5 days.

Block	Badamba (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	29/04/2020	30/04/2020	01/05/2020	02/05/2020	03/05/2020
Rainfall(mm)	13	4	8	5	2
T-Max(°C)	31	32	34	36	36
T-Min(°C)	22	23	23	23	23
Cloud Cover(octa)	2	2	1	2	2
RH Max (%)	85	83	84	86	82
RH Min (%)	36	32	33	20	24
Wind Speed (Kmph)	14	15	19	12	16
Wind Direction (deg)	189	167	189	162	198

**Agromet Advisory**

**JUTE:** The weather is optimum for Jute sowing. Grow the recommended variety JRO-524 (Naveen) of 130 to 140 days duration and resistant to mite. Apply 5 cartload of FYM per acre during final land preparation and apply 12:12 kg PK/acre as basal. Use 2 kg seeds/acre for line sowing and 3 kg seeds for broadcasting. Before sowing seeds are to be treated with 2 g Carbendazim or 3 g Thiram/kg seeds to avoid root and stem rot. To maintain 2 lakh healthy plants/acre, sow the seeds in lines at 25 cm apart with 3 cm depth.

**SESAME:** The early sown crop at 2 to 3 week stage. Go for weeding and hoeing. Apply 13 kg urea followed by earthing up. Irrigate the crop after fertilizer application. Intercultural operations should be completed within 25 days as the flowering starts after 25 days. To control leaf webber, spray 400 ml Endosulphan. per acre.

**CASHEWNUT:** Cashew root and shoot borer infestation has been found. Cashew farmers are suggested to inspect base of trees for exudation/ oozing of gum out of trunk and if found, adopt curative treatment by carefully removing the bark and tracking the grubs inside and destroy them.

**VEGETABLES AND FRUITS: (After rain)**

- **Spraying or dusting of plant protection chemicals should be done in a clear weather condition after Saturday and avoided in rainy days.**
- Drain out excess water from the vegetable nursery and cover it with polythene.
- Go for summer ploughing as the block will receive light to moderate pre-monsoon rainfall.
- **Okra:**-White fly:- Spray Thiomethoxam @5g/15ltr. Water.
- **Chilli:**-Thrips:-Spray Acetamiprid @ 1g/ltr of water or spiromesifen @ 1ml/ltr of water. For controlling root rot and dieback in chilli spray 3 g Indophil-M-45 or 1.5 g Topsin-M in one litre water.
- 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. Current weather is favourable for attack of fruit fly in cucurbits. So install cue lure for mass trapping of the insects. Go for placement of poison baits and spraying of solution made with 2g Cartap hydrochloride+100g gur per litre of water.
- **Brinjal:**-Fruit & shoot borer in brinjal:-Soil application of Cartap hydrochloride @ 25kg/ha (10kg/ac).
- To prevent wilting in **vegetable crops** apply 2g Captan in 1lt of water.
- Apply 1g Carbendazim or Tebuconazol in 1lt water to control leaf spot.
- To control leaf blight in **Cucurbits**, apply 2g Metalaxil+ Mancozeb or 0.6g Azoxystrobin + Tebuconazol 2 to 3 times alternatively in 10 days interval.
- To control leaf blight in **tomato**, apply 2g Chloromethanol or 3g copper oxichoraide in 1lt of water.
- Spray 300 ml Ethion or 400 ml Carbusulphan or Chloropyriphos in 200 litre water to control Thrips in **Chilli and Capsicum**.
- Leaf spot in ridge gourd has been found..Spray 3.5 ml Indofil -M- 45 in 1 litre water.
- Fruit and shoot borer in **brinjal** is found. Release 20,000 Tricogama Parasites per acre or spray 1 litre of 300 ppm Neem based pesticides or 1000 g Carbaryl per acre in 200 litre water.
- Red spider mite is found in **lady's finger and cowpea**. Spray Kelthane @ 200 g a.i./acre at weekly interval.
- The forecasted rain may initiate wilting in **brinjal and tomato**. Spray 1 g Streptocycline in ten litre water in the root zone of the plants
- **Pointed gourd** is at flowering and fruiting stage Don't go for weeding The grasses and weeds will help in maintaining the humidity and it is safe for creeping of the vines and does not allow the fruit to come in contact with soil and avoid fruit rot. Late planted pointed gourd at pre flowering stage. Go for weeding and hoeing followed by application of recommended dose of fertilizer. If fungal wilting will appear in pointed gourd. Spray 1.5 ml Carbendazim in 1 litre water.
- Prevailing conditions are favourable for incidence of hoppers in **mango**. To control it, spray Thiomethoxam @0.4 g + Hexaconazol @ 2ml/l of water.
- **Animal Husbandry:** Provide sufficient clean drinking water to cattle and keep their sheds clean. Provide vaccination at regular interval.
- **The south west monsoon (June-September) forecast in 2020 over the country, predicted by IMD is likely to be Normal (96-104%). Hence Farmers should prepare the crop plan depending upon the land type, soil fertility, Variety availability and irrigation facility.**

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

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**Contact No-9861445080/7008453427**



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**Bulletin No-84**  
**Date-28.04.2020**

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

The district received 95 mm rainfall during the last week. The mean daily maximum and minimum temperature was 33°C and 21°C, respectively. Relative humidity of the district was around 85-73%. According to NDVI map (15.04.2020 to 21.04.2020) the agriculture vigor was moderate over maximum blocks, whereas according to SPI value (cumulative 4weeks-26 March 2020 to 22 April 2020), mildly wet condition was there.

**Forecasted period: 29<sup>th</sup> April 2020 to 03<sup>rd</sup> May 2020**

**General Advisory:** As per IMD, light to moderate rain or thundershower is forecasted for upcoming 5 days. The day temperature will 31-36°C and night temperature will be 22-24°C for upcoming 5 days. Maximum and minimum relative humidity will be 84-88% and 24-40% respectively. There will be clear to partly cloudy sky for next 5 days.

Block	Banki (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	29/04/2020	30/04/2020	01/05/2020	02/05/2020	03/05/2020
Rainfall(mm)	20	4	7	9	4
T-Max(°C)	31	32	34	36	35
T-Min(°C)	22	23	24	24	24
Cloud Cover(octa)	2	2	1	2	1
RH Max (%)	84	85	84	88	84
RH Min (%)	38	40	40	24	33
Wind Speed (Kmph)	16	19	23	16	21
Wind Direction (deg)	189	180	189	171	201

**Agromet Advisory**

**JUTE:** The weather is optimum for Jute sowing. Grow the recommended variety JRO-524 (Naveen) of 130 to 140 days duration and resistant to mite. Apply 5 cartload of FYM per acre during final land preparation and apply 12:12 kg PK/acre as basal. Use 2 kg seeds/acre for line sowing and 3 kg seeds for broadcasting. Before sowing seeds are to be treated with 2 g Carbendazim or 3 g Thiram/kg seeds to avoid root and stem rot. To maintain 2 lakh healthy plants/acre, sow the seeds in lines at 25 cm apart with 3 cm depth.

**SESAME:** The early sown crop at 2 to 3 week stage. Go for weeding and hoeing. Apply 13 kg urea followed by earthing up. Irrigate the crop after fertilizer application. Intercultural operations should be completed within 25 days as the flowering starts after 25 days. To control leaf webber, spray 400 ml Endosulphan per acre.

**CASHEWNUT:** Cashew root and shoot borer infestation has been found. Cashew farmers are suggested to inspect base of trees for exudation/oozing of gum out of trunk and if found, adopt curative treatment by carefully removing the bark and tracking the grubs inside and destroy them.

**VEGETABLES AND FRUITS: (After rain)**

- **Spraying or dusting of plant protection chemicals should be done in a clear weather condition after Saturday and avoided in rainy days.**
- Drain out excess water from the vegetable nursery and cover it with polythene.
- Go for summer ploughing as the block will receive light to moderate pre-monsoon rainfall.
- **Okra:**-White fly:- Spray Thiomethoxam @5g/15ltr. Water.
- **Chilli:**-Thrips:-Spray Acetamiprid @ 1g/ltr of water or spiromesifen @ 1ml/ltr of water. For controlling root rot and dieback in chilli spray 3 g Indophyl-M-45 or 1.5 g Topsin-M in one litre water.
- 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. Current weather is favourable for attack of fruit fly in cucurbits. So install cue lure for mass trapping of the insects. Go for placement of poison baits and spraying of solution made with 2g Cartap hydrochloride+100g gur per litre of water.
- **Brinjal:**-Fruit & shoot borer in brinjal:-Soil application of Cartap hydrochloride @ 25kg/ha (10kg/ac).
- To prevent wilting in **vegetable crops** apply 2g Captan in 1lt of water.
- Apply 1g Carbendazim or Tebuconazol in 1lt water to control leaf spot.
- To control leaf blight in **Cucurbits**, apply 2g Metalaxil+ Mancozeb or 0.6g Azoxystrobin + Tebuconazol 2 to 3 times alternatively in 10 days interval.
- To control leaf blight in **tomato**, apply 2g Chloromethanol or 3g copper oxichoraide in 1lt of water.
- Spray 300 ml Ethion or 400 ml Carbosulphan or Chloropyriphos in 200 litre water to control Thrips in **Chilli and Capsicum**.
- Leaf spot in ridge gourd has been found..Spray 3.5 ml Indofil -M- 45 in 1 litre water.
- Fruit and shoot borer in **brinjal** is found. Release 20,000 Tricogama Parasites per acre or spray 1 litre of 300 ppm Neem based pesticides or 1000 g Carbaryl per acre in 200 litre water.
- Red spider mite is found in **lady's finger and cowpea**. Spray Kelthane @ 200 g a.i./acre at weekly interval.
- The forecasted rain may initiate wilting in **brinjal and tomato**. Spray 1 g Streptocycline in ten litre water in the root zone of the plants
- **Pointed gourd** is at flowering and fruiting stage Don't go for weeding The grasses and weeds will help in maintaining the humidity and it is safe for creeping of the vines and does not allow the fruit to come in contact with soil and avoid fruit rot. Late planted pointed gourd at pre flowering stage. Go for weeding and hoeing followed by application of recommended dose of fertilizer. If fungal wilting will appear in pointed gourd. Spray 1.5 ml Carbendazim in 1 litre water.
- Prevailing conditions are favourable for incidence of hoppers in **mango**. To control it, spray Thiomethoxam @0.4 g + Hexaconazol @ 2ml/l of water.
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**(Nodal officer)**

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**Bulletin No-64**  
**Date-18.02.2020**

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

The district received 95 mm rainfall during the last week. The mean daily maximum and minimum temperature was 33°C and 21°C, respectively. Relative humidity of the district was around 85-73%. **According to NDVI map (15.04.2020 to 21.04.2020) the agriculture vigor was moderate over maximum blocks, whereas according to SPI value (cumulative 4weeks-26 March 2020 to 22 April 2020), mildly wet condition was there.**

**Forecasted period: 29<sup>th</sup> April 2020 to 03<sup>rd</sup> May 2020**

**General Advisory: As per IMD, light to moderate rain or thundershower is forecasted for upcoming 5 days.** The day temperature will 31-36°C and night temperature will be 22-24°C for upcoming 5 days. Maximum and minimum relative humidity will be 84-88% and 24-41% respectively. There will be clear to partly cloudy sky for next 5 days.

Block	Banki-Dampara (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	29/04/2020	30/04/2020	01/05/2020	02/05/2020	03/05/2020
Rainfall(mm)	19	4	6	9	3
T-Max(°C)	31	32	34	36	35
T-Min(°C)	22	23	24	24	24
Cloud Cover(octa)	2	2	1	2	1
RH Max (%)	84	85	84	88	84
RH Min (%)	38	41	41	24	35
Wind Speed (Kmph)	16	19	23	17	21
Wind Direction (deg)	189	180	189	191	201

**Agromet Advisory**

**JUTE:** The weather is optimum for Jute sowing. Grow the recommended variety JRO-524 (Naveen) of 130 to 140 days duration and resistant to mite. Apply 5 cartload of FYM per acre during final land preparation and apply 12:12 kg PK/acre as basal. Use 2 kg seeds/acre for line sowing and 3 kg seeds for broadcasting. Before sowing seeds are to be treated with 2 g Carbendazim or 3 g Thiram/kg seeds to avoid root and stem rot. To maintain 2 lakh healthy plants/acre, sow the seeds in lines at 25 cm apart with 3 cm depth.

**SESAME:** The early sown crop at 2 to 3 week stage. Go for weeding and hoeing. Apply 13 kg. urea followed by earthing up. Irrigate the crop after fertilizer application. Intercultural operations should be completed within 25 days as the flowering starts after 25 days. To control leaf webber, spray 400 ml Endosulphan. per acre.

**CASHEWNUT:** Cashew root and shoot borer infestation has been found. Cashew farmers are suggested to inspect base of trees for exudation/ oozing of gum out of trunk and if found, adopt curative treatment by carefully removing the bark and tracking the grubs inside and destroy them.

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- Red spider mite is found in **lady's finger and cowpea**. Spray Kelthane @ 200 g a.i./acre at weekly interval.
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**Bulletin No-84**  
**Date-28.04.2020**

E-mail: [kykcuttack@gmail.com](mailto:kykcuttack@gmail.com)  
AGROMET ADVISORY BULLETIN FOR BARANGA

District Past week weather condition

The district received 95 mm rainfall during the last week. The mean daily maximum and minimum temperature was 33°C and 21°C, respectively. Relative humidity of the district was around 85-73%. **According to NDVI map (15.04.2020 to 21.04.2020) the agriculture vigor was moderate over maximum blocks, whereas according to SPI value (cumulative 4weeks-26 March 2020 to 22 April 2020), mildly wet condition was there.**

Forecasted period: 29<sup>th</sup> April 2020 to 03<sup>rd</sup> May 2020

**General Advisory:** **As per IMD, light to moderate rain or thundershower is forecasted for upcoming 5 days.** The day temperature will 30-36°C and night temperature will be 23-25°C for upcoming 5 days. Maximum and minimum relative humidity will be 81-87% and 30-48% respectively. There will be clear to partly cloudy sky for next 5 days.

Block	Baranga (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	29/04/2020	30/04/2020	01/05/2020	02/05/2020	03/05/2020
Rainfall(mm)	19	5	7	10	4
T-Max(°C)	30	30	33	36	33
T-Min(°C)	23	24	25	25	25
Cloud Cover	2	2	1	2	1
RH Max (%)	86	87	81	86	86
RH Min (%)	40	46	48	30	46
Wind Speed (Kmph)	17	22	25	22	26
Wind Direction (deg)	200	203	198	193	203

Agromet Advisory

**JUTE:** The weather is optimum for Jute sowing. Grow the recommended variety JRO-524 (Naveen) of 130 to 140 days duration and resistant to mite. Apply 5 cartload of FYM per acre during final land preparation and apply 12:12 kg PK/acre as basal. Use 2 kg seeds/acre for line sowing and 3 kg seeds for broadcasting. Before sowing seeds are to be treated with 2 g Carbendazim or 3 g Thiram/kg seeds to avoid root and stem rot. To maintain 2 lakh healthy plants/acre, sow the seeds in lines at 25 cm apart with 3 cm depth.

**SESAME:** The early sown crop at 2 to 3 week stage. Go for weeding and hoeing. Apply 13 kg urea followed by earthing up. Irrigate the crop after fertilizer application. Intercultural operations should be completed within 25 days as the flowering starts after 25 days. To control leaf webber, spray 400 ml Endosulphan. per acre.

**CASHEWNUT:** Cashew root and shoot borer infestation has been found. Cashew farmers are suggested to inspect base of trees for exudation/ oozing of gum out of trunk and if found, adopt curative treatment by carefully removing the bark and tracking the grubs inside and destroy them.

**VEGETABLES AND FRUITS: (After rain)**

- **Spraying or dusting of plant protection chemicals should be done in a clear weather condition after Saturday and avoided in rainy days.**
- Drain out excess water from the vegetable nursery and cover it with polythene.
- Go for summer ploughing as the block will receive light to moderate pre-monsoon rainfall.
- **Okra:**-White fly:- Spray Thiomethoxam @5g/15ltr. Water.
- **Chilli:**-Thrips:-Spray Acetamiprid @ 1g/ltr of water or spiromesifen @ 1ml/ltr of water. For controlling root rot and dieback in chilli spray 3 g Indophyl-M-45 or 1.5 g Topsin-M in one litre water.
- 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. Current weather is favourable for attack of fruit fly in cucurbits. So install cue lure for mass trapping of the insects. Go for placement of poison baits and spraying of solution made with 2g Cartap hydrochloride+100g gur per litre of water.
- **Brinjal:**-Fruit & shoot borer in brinjal:-Soil application of Cartap hydrochloride @ 25kg/ha (10kg/ac) .
- To prevent wilting in **vegetable crops** apply 2g Captan in 1lt of water.
- Apply 1g Carbendazim or Tebuconazol in 1lt water to control leaf spot.
- To control leaf blight in **Cucurbits**, apply 2g Metalaxil+ Mancozeb or 0.6g Azoxystrobin + Tebuconazol 2 to 3 times alternatively in 10 days interval.
- To control leaf blight in **tomato**, apply 2g Chloromethanol or 3g copper oxichoraide in 1lt of water.
- Spray 300 ml Ethion or 400 ml Carbosulphan or Chloropyriphos in 200 litre water to control Thrips in **Chilli and Capsicum**.
- Leaf spot in ridge gourd has been found..Spray 3.5 ml Indofil -M- 45 in 1 litre water.
- Fruit and shoot borer in **brinjal** is found. Release 20,000 Tricogama Parasites per acre or spray 1 litre of 300 ppm Neem based pesticides or 1000 g Carbaryl per acre in 200 litre water.
- Red spider mite is found in **lady's finger and cowpea**. Spray Kelthane @ 200 g a.i./acre at weekly interval.
- The forecasted rain may initiate wilting in **brinjal and tomato**. Spray 1 g Streptocycline in ten litre water in the root zone of the plants
- **Pointed gourd** is at flowering and fruiting stage Don't go for weeding The grasses and weeds will help in maintaining the humidity and it is for safe for creeping of the vines and does not allow the fruit to come in contact with soil and avoid fruit rot. Late planted pointed gourd at pre flowering stage. Go for weeding and hoeing followed by application of recommended dose of fertilizer. If fungal wilting will appear in pointed gourd. Spray 1.5 ml Carbendazim in 1 litre water.
- Prevailing conditions are favourable for incidence of hoppers in **mango**. To control it, spray Thiomethoxam @0.4 g + Hexaconazol @ 2ml/l of water.
- **Animal Husbandry:** Provide sufficient clean drinking water to cattle and keep their sheds clean. Provide vaccination at regular interval.
- **The south west monsoon (June-September) forecast in 2020 over the country, predicted by IMD is likely to be Normal (96-104%). Hence Farmers should prepare the crop plan depending upon the land type, soil fertility, Variety availability and irrigation facility.**

**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-64**  
**Date-18.02.2020**

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

The district received 95 mm rainfall during the last week. The mean daily maximum and minimum temperature was 33°C and 21°C, respectively. Relative humidity of the district was around 85-73%. According to NDVI map (15.04.2020 to 21.04.2020) the agriculture vigor was moderate over maximum blocks, whereas according to SPI value (cumulative 4weeks-26 March 2020 to 22 April 2020), mildly wet condition was there.

**Forecasted period: 29<sup>th</sup> April 2020 to 03<sup>rd</sup> May 2020**

**General Advisory:** As per IMD, light to moderate rain or thundershower is forecasted for upcoming 5 days. The day temperature will 30-36°C and night temperature will be 23-25°C for upcoming 5 days. Maximum and minimum relative humidity will be 81-88% and 24-43% respectively. There will be clear to partly cloudy sky for next 5 days.

Block	Cuttack sadar (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	29/04/2020	30/04/2020	01/05/2020	02/05/2020	03/05/2020
Rainfall(mm)	20	7	13	12	3
T-Max(°C)	30	30	33	36	34
T-Min(°C)	23	24	25	25	25
Cloud Cover(octa)	3	2	1	2	1
RH Max (%)	87	88	81	86	86
RH Min (%)	40	42	43	24	38
Wind Speed (Kmph)	15	21	25	20	24
Wind Direction (deg)	203	201	198	180	203

**Agromet Advisory**

**JUTE:** The weather is optimum for Jute sowing. Grow the recommended variety JRO-524 (Naveen) of 130 to 140 days duration and resistant to mite. Apply 5 cartload of FYM per acre during final land preparation and apply 12:12 kg PK/acre as basal. Use 2 kg seeds/acre for line sowing and 3 kg seeds for broadcasting. Before sowing seeds are to be treated with 2 g Carbendazim or 3 g Thiram/kg seeds to avoid root and stem rot. To maintain 2 lakh healthy plants/acre, sow the seeds in lines at 25 cm apart with 3 cm depth.

**SESAME:** The early sown crop at 2 to 3 week stage. Go for weeding and hoeing. Apply 13 kg. urea followed by earthing up. Irrigate the crop after fertilizer application. Intercultural operations should be completed within 25 days as the flowering starts after 25 days. To control leaf webber, spray 400 ml Endosulphan. per acre.

**CASHEWNUT:** Cashew root and shoot borer infestation has been found. Cashew farmers are suggested to inspect base of trees for exudation/ oozing of gum out of trunk and if found, adopt curative treatment by carefully removing the bark and tracking the grubs inside and destroy them.

**VEGETABLES AND FRUITS: (After rain)**

- **Spraying or dusting of plant protection chemicals should be done in a clear weather condition after Saturday and avoided in rainy days.**
- Drain out excess water from the vegetable nursery and cover it with polythene.
- Go for summer ploughing as the block will receive light to moderate pre-monsoon rainfall.
- **Okra:**-White fly:- Spray Thiomethoxam @5g/15ltr. Water.
- **Chilli:**-Thrips:-Spray Acetamidiprid @ 1g/ltr of water or spiromesifen @ 1ml/ltr of water. For controlling root rot and dieback in chilli spray 3 g Indophil-M-45 or 1.5 g Topsin-M in one litre water.
- 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. Current weather is favourable for attack of fruit fly in cucurbits. So install cue lure for mass trapping of the insects. Go for placement of poison baits and spraying of solution made with 2g Cartap hydrochloride+100g gur per litre of water.
- **Brinjal:**-Fruit & shoot borer in brinjal:-Soil application of Cartap hydrochloride @ 25kg/ha (10kg/ac) .
- To prevent wilting in **vegetable crops** apply 2g Captan in 1lt of water.
- Apply 1g Carbendazim or Tebuconazol in 1lt water to control leaf spot.
- To control leaf blight in **Cucurbits**, apply 2g Metalaxil+ Mancozeb or 0.6g Azoxystrobin + Tebuconazol 2 to 3 times alternatively in 10 days interval.
- To control leaf blight in **tomato**, apply 2g Chloromethanol or 3g copper oxichoraide in 1lt of water.
- Spray 300 ml Ethion or 400 ml Carbosulphan or Chloropyriphos in 200 litre water to control Thrips in **Chilli and Capsicum**.
- Leaf spot in ridge gourd has been found..Spray 3.5 ml Indofil -M- 45 in 1 litre water.
- Fruit and shoot borer in **brinjal** is found. Release 20,000 Tricogama Parasites per acre or spray 1 litre of 300 ppm Neem based pesticides or 1000 g Carbaryl per acre in 200 litre water.
- Red spider mite is found in **lady's finger and cowpea**. Spray Kelthane @ 200 g a.i./acre at weekly interval.
- The forecasted rain may initiate wilting in **brinjal and tomato**. Spray 1 g Streptocycline in ten litre water in the root zone of the plants
- **Pointed gourd** is at flowering and fruiting stage Don't go for weeding The grasses and weeds will help in maintaining the humidity and it is for safe for creeping of the vines and does not allow the fruit to come in contact with soil and avoid fruit rot. Late planted pointed gourd at pre flowering stage. Go for weeding and hoeing followed by application of recommended dose of fertilizer. If fungal wilting will appear in pointed gourd. Spray 1.5 ml Carbendazim in 1 litre water.
- Prevailing conditions are favourable for incidence of hoppers in **mango**. To control it, spray Thiomethoxam @0.4 g + Hexaconazol @ 2ml/l of water.
- **Animal Husbandry:** Provide sufficient clean drinking water to cattle and keep their sheds clean. Provide vaccination at regular interval.
- **The south west monsoon (June-September) forecast in 2020 over the country, predicted by IMD is likely to be Normal (96-104%). Hence Farmers should prepare the crop plan depending upon the land type, soil fertility, Variety availability and irrigation facility.**

**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-84**  
**Date-28.04.2020**

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

District Past week weather condition

The district received **95 mm rainfall during the last week**. The mean daily maximum and minimum temperature was 33°C and 21°C, respectively. Relative humidity of the district was around 85-73%. **According to NDVI map (15.04.2020 to 21.04.2020) the agriculture vigor was moderate over maximum blocks, whereas according to SPI value (cumulative 4weeks-26 March 2020 to 22 April 2020), mildly wet condition was there.**

Forecasted period: 29<sup>th</sup> April 2020 to 03<sup>rd</sup> May 2020

**General Advisory:** **As per IMD, light to moderate rain or thundershower is forecasted for upcoming 5 days.** The day temperature will **31-36°C** and night temperature will be **23-25°C** for upcoming 5 days. Maximum and minimum relative humidity will be 82-87% and 41-53% respectively. There will be clear to partly cloudy sky for next 5 days.

Block	Kantapada (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	29/04/2020	30/04/2020	01/05/2020	02/05/2020	03/05/2020
Rainfall(mm)	20	8	12	14	2
T-Max(°C)	31	31	32	36	32
T-Min(°C)	23	24	25	25	25
Cloud Cover(octa)	2	2	2	3	2
RH Max (%)	87	87	82	84	85
RH Min (%)	41	50	53	41	53
Wind Speed (Kmph)	17	22	25	24	27
Wind Direction (deg)	198	203	198	201	203

Agromet Advisory

**JUTE:** The weather is optimum for Jute sowing. Grow the recommended variety JRO-524 (Naveen) of 130 to 140 days duration and resistant to mite. Apply 5 cartload of FYM per acre during final land preparation and apply 12:12 kg PK/acre as basal. Use 2 kg seeds/acre for line sowing and 3 kg seeds for broadcasting. Before sowing seeds are to be treated with 2 g Carbendazim or 3 g Thiram/kg seeds to avoid root and stem rot. To maintain 2 lakh healthy plants/acre, sow the seeds in lines at 25 cm apart with 3 cm depth.

**SESAME:** The early sown crop at 2 to 3 week stage. Go for weeding and hoeing. Apply 13 kg urea followed by earthing up. Irrigate the crop after fertilizer application. Intercultural operations should be completed within 25 days as the flowering starts after 25 days. To control leaf webber, spray 400 ml Endosulphan. per acre.

**CASHEWNUT:** Cashew root and shoot borer infestation has been found. Cashew farmers are suggested to inspect base of trees for exudation/ oozing of gum out of trunk and if found, adopt curative treatment by carefully removing the bark and tracking the grubs inside and destroy them.

**VEGETABLES AND FRUITS: (After rain)**

- **Spraying or dusting of plant protection chemicals should be done in a clear weather condition after Saturday and avoided in rainy days.**
- Drain out excess water from the vegetable nursery and cover it with polythene.
- Go for summer ploughing as the block will receive light to moderate pre-monsoon rainfall.
- **Okra:**-White fly:- Spray Thiomethoxam @5g/15ltr. Water.
- **Chilli:**-Thrips:-Spray Acetamiprid @ 1g/ltr of water or spiromesifen @ 1ml/ltr of water. For controlling root rot and dieback in chilli spray 3 g Indophil-M-45 or 1.5 g Topsin-M in one litre water.
- 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. Current weather is favourable for attack of fruit fly in cucurbits. So install cue lure for mass trapping of the insects. Go for placement of poison baits and spraying of solution made with 2g Cartap hydrochloride+100g gur per litre of water.
- **Brinjal:**-Fruit & shoot borer in brinjal:-Soil application of Cartap hydrochloride @ 25kg/ha (10kg/ac) .
- To prevent wilting in **vegetable crops** apply 2g Captan in 1lt of water.
- Apply 1g Carbendazim or Tebuconazol in 1lt water to control leaf spot.
- To control leaf blight in **Cucurbits**, apply 2g Metalaxil+ Mancozeb or 0.6g Azoxystrobin + Tebuconazol 2 to 3 times alternatively in 10 days interval.
- To control leaf blight in **tomato**, apply 2g Chloromethanol or 3g copper oxichoraide in 1lt of water.
- Spray 300 ml Ethion or 400 ml Carbosulphan or Chloropyriphos in 200 litre water to control Thrips in **Chilli and Capsicum**.
- Leaf spot in ridge gourd has been found..Spray 3.5 ml Indofil -M- 45 in 1 litre water.
- Fruit and shoot borer in **brinjal** is found. Release 20,000 Tricogama Parasites per acre or spray 1 litre of 300 ppm Neem based pesticides or 1000 g Carbaryl per acre in 200 litre water.
- Red spider mite is found in **lady's finger and cowpea**. Spray Kelthane @ 200 g a.i./acre at weekly interval.
- The forecasted rain may initiate wilting in **brinjal and tomato**. Spray 1 g Streptocycline in ten litre water in the root zone of the plants
- **Pointed gourd** is at flowering and fruiting stage Don't go for weeding The grasses and weeds will help in maintaining the humidity and it is for safe for creeping of the vines and does not allow the fruit to come in contact with soil and avoid fruit rot. Late planted pointed gourd at pre flowering stage. Go for weeding and hoeing followed by application of recommended dose of fertilizer. If fungal wilting will appear in pointed gourd. Spray 1.5 ml Carbendazim in 1 litre water.
- Prevailing conditions are favourable for incidence of hoppers in **mango**. To control it, spray Thiomethoxam @0.4 g + Hexaconazol @ 2ml/l of water.
- **Animal Husbandry:** Provide sufficient clean drinking water to cattle and keep their sheds clean. Provide vaccination at regular interval.
- **The south west monsoon (June-September) forecast in 2020 over the country, predicted by IMD is likely to be Normal (96-104%). Hence Farmers should prepare the crop plan depending upon the land type, soil fertility, Variety availability and irrigation facility.**

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

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



**Bulletin No-64**  
**Date-18.02.2020**

E-mail: [kykcuttack@gmail.com](mailto:kykcuttack@gmail.com)  
AGROMET ADVISORY BULLETIN FOR MAHANGA

District Past week weather condition

The district received 95 mm rainfall during the last week. The mean daily maximum and minimum temperature was 33°C and 21°C, respectively. Relative humidity of the district was around 85-73%. **According to NDVI map (15.04.2020 to 21.04.2020) the agriculture vigor was moderate over maximum blocks, whereas according to SPI value (cumulative 4weeks-26 March 2020 to 22 April 2020), mildly wet condition was there.**

Forecasted period: 29<sup>th</sup> April 2020 to 03<sup>rd</sup> May 2020

**General Advisory:** **As per IMD, light to moderate rain or thundershower is forecasted for upcoming 5 days.** The day temperature will 30-36°C and night temperature will be 22-25°C for upcoming 5 days. Maximum and minimum relative humidity will be 81-88% and 28-47% respectively. There will be clear to partly cloudy sky for next 5 days.

Block	Mahanga (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	29/04/2020	30/04/2020	01/05/2020	02/05/2020	03/05/2020
Rainfall(mm)	19	8	14	12	4
T-Max(°C)	30	30	33	36	33
T-Min(°C)	22	24	25	25	25
Cloud Cover(octal)	2	0	1	3	1
RH Max (%)	88	87	81	83	84
RH Min (%)	41	44	47	28	42
Wind Speed (Kmph)	15	21	26	22	25
Wind Direction (deg)	193	203	198	199	203

Agromet Advisory

**JUTE:** The weather is optimum for Jute sowing. Grow the recommended variety JRO-524 (Naveen) of 130 to 140 days duration and resistant to mite. Apply 5 cartload of FYM per acre during final land preparation and apply 12:12 kg PK/acre as basal. Use 2 kg seeds/acre for line sowing and 3 kg seeds for broadcasting. Before sowing seeds are to be treated with 2 g Carbendazim or 3 g Thiram/kg seeds to avoid root and stem rot. To maintain 2 lakh healthy plants/acre, sow the seeds in lines at 25 cm apart with 3 cm depth.

**SESAME:** The early sown crop at 2 to 3 week stage. Go for weeding and hoeing. Apply 13 kg urea followed by earthing up. Irrigate the crop after fertilizer application. Intercultural operations should be completed within 25 days as the flowering starts after 25 days. To control leaf webber, spray 400 ml Endosulphan. per acre.

**CASHEWNUT:** Cashew root and shoot borer infestation has been found. Cashew farmers are suggested to inspect base of trees for exudation/ oozing of gum out of trunk and if found, adopt curative treatment by carefully removing the bark and tracking the grubs inside and destroy them.

**VEGETABLES AND FRUITS: (After rain)**

- **Spraying or dusting of plant protection chemicals should be done in a clear weather condition after Saturday and avoided in rainy days.**
- Drain out excess water from the vegetable nursery and cover it with polythene.
- Go for summer ploughing as the block will receive light to moderate pre-monsoon rainfall.
- **Okra:**-White fly:- Spray Thiomethoxam @5g/15ltr. Water.
- **Chilli:**-Thrips:-Spray Acetamiprid @ 1g/ltr of water or spiromesifen @ 1ml/ltr of water. For controlling root rot and dieback in chilli spray 3 g Indophil-M-45 or 1.5 g Topsin-M in one litre water.
- 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. Current weather is favourable for attack of fruit fly in cucurbits. So install cue lure for mass trapping of the insects. Go for placement of poison baits and spraying of solution made with 2g Cartap hydrochloride+100g gur per litre of water.
- **Brinjal:**-Fruit & shoot borer in brinjal:-Soil application of Cartap hydrochloride @ 25kg/ha (10kg/ac) .
- To prevent wilting in **vegetable crops** apply 2g Captan in 1lt of water.
- Apply 1g Carbendazim or Tebuconazol in 1lt water to control leaf spot.
- To control leaf blight in **Cucurbits**, apply 2g Metalaxil+ Mancozeb or 0.6g Azoxystrobin + Tebuconazol 2 to 3 times alternatively in 10 days interval.
- To control leaf blight in **tomato**, apply 2g Chloromethanol or 3g copper oxichoraide in 1lt of water.
- Spray 300 ml Ethion or 400 ml Carbosulphan or Chloropyriphos in 200 litre water to control Thrips in **Chilli and Capsicum**.
- Leaf spot in ridge gourd has been found..Spray 3.5 ml Indofil -M- 45 in 1 litre water.
- Fruit and shoot borer in **brinjal** is found. Release 20,000 Tricogama Parasites per acre or spray 1 litre of 300 ppm Neem based pesticides or 1000 g Carbaryl per acre in 200 litre water.
- Red spider mite is found in **lady's finger and cowpea**. Spray Kelthane @ 200 g a.i./acre at weekly interval.
- The forecasted rain may initiate wilting in **brinjal and tomato**. Spray 1 g Streptocycline in ten litre water in the root zone of the plants
- **Pointed gourd** is at flowering and fruiting stage Don't go for weeding The grasses and weeds will help in maintaining the humidity and it is for safe for creeping of the vines and does not allow the fruit to come in contact with soil and avoid fruit rot. Late planted pointed gourd at pre flowering stage. Go for weeding and hoeing followed by application of recommended dose of fertilizer. If fungal wilting will appear in pointed gourd. Spray 1.5 ml Carbendazim in 1 litre water.
- Prevailing conditions are favourable for incidence of hoppers in **mango**. To control it, spray Thiomethoxam @0.4 g + Hexaconazol @ 2ml/l of water.
- **Animal Husbandry:** Provide sufficient clean drinking water to cattle and keep their sheds clean. Provide vaccination at regular interval.
- **The south west monsoon (June-September) forecast in 2020 over the country, predicted by IMD is likely to be Normal (96-104%). Hence Farmers should prepare the crop plan depending upon the land type, soil fertility, Variety availability and irrigation facility.**

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

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



**Bulletin No-84**  
**Date-28.04.2020**

E-mail: [kykcuttack@gmail.com](mailto:kykcuttack@gmail.com)  
AGROMET ADVISORY BULLETIN FOR NARASINGHPUR

District Past week weather condition

The district received **95 mm rainfall during the last week**. The mean daily maximum and minimum temperature was 33°C and 21°C, respectively. Relative humidity of the district was around 85-73%. **According to NDVI map (15.04.2020 to 21.04.2020) the agriculture vigor was moderate over maximum blocks, whereas according to SPI value (cumulative 4weeks-26 March 2020 to 22 April 2020), mildly wet condition was there.**

Forecasted period: 29<sup>th</sup> April 2020 to 03<sup>rd</sup> May 2020

**General Advisory:** **As per IMD, light to moderate rain or thundershower is forecasted for upcoming 5 days.** The day temperature will **31-36°C** and night temperature will be **21-23°C** for upcoming 5 days. Maximum and minimum relative humidity will be 80-87% and 16-34% respectively. There will be clear to partly cloudy sky for next 5 days.

Block	Narasinghpur (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	29/04/2020	30/04/2020	01/05/2020	02/05/2020	03/05/2020
Rainfall(mm)	10	3	10	9	3
T-Max(°C)	31	34	35	36	36
T-Min(°C)	21	22	22	23	23
Cloud Cover(/octa)	2	2	1	2	2
RH Max (%)	87	81	85	84	80
RH Min (%)	34	23	25	17	16
Wind Speed (Kmph)	9	9	12	7	10
Wind Direction (deg)	180	180	167	146	198

Agromet Advisory

**JUTE:** The weather is optimum for Jute sowing. Grow the recommended variety JRO-524 (Naveen) of 130 to 140 days duration and resistant to mite. Apply 5 cartload of FYM per acre during final land preparation and apply 12:12 kg PK/acre as basal. Use 2 kg seeds/acre for line sowing and 3 kg seeds for broadcasting. Before sowing seeds are to be treated with 2 g Carbendazim or 3 g Thiram/kg seeds to avoid root and stem rot. To maintain 2 lakh healthy plants/acre, sow the seeds in lines at 25 cm apart with 3 cm depth.

**SESAME:** The early sown crop at 2 to 3 week stage. Go for weeding and hoeing. Apply 13 kg urea followed by earthing up. Irrigate the crop after fertilizer application. Intercultural operations should be completed within 25 days as the flowering starts after 25 days. To control leaf webber, spray 400 ml Endosulphan. per acre.

**CASHEWNUT:** Cashew root and shoot borer infestation has been found. Cashew farmers are suggested to inspect base of trees for exudation/ oozing of gum out of trunk and if found, adopt curative treatment by carefully removing the bark and tracking the grubs inside and destroy them.

**VEGETABLES AND FRUITS: (After rain)**

- **Spraying or dusting of plant protection chemicals should be done in a clear weather condition after Saturday and avoided in rainy days.**
- Drain out excess water from the vegetable nursery and cover it with polythene.
- Go for summer ploughing as the block will receive light to moderate pre-monsoon rainfall.
- **Okra:**-White fly:- Spray Thiomethoxam @5g/15ltr. Water.
- **Chilli:**-Thrips:-Spray Acetamiprid @ 1g/ltr of water or spiromesifen @ 1ml/ltr of water. For controlling root rot and dieback in chilli spray 3 g Indophil-M-45 or 1.5 g Topsin-M in one litre water.
- 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. Current weather is favourable for attack of fruit fly in cucurbits. So install cue lure for mass trapping of the insects. Go for placement of poison baits and spraying of solution made with 2g Cartap hydrochloride+100g gur per litre of water.
- **Brinjal:**-Fruit & shoot borer in brinjal:-Soil application of Cartap hydrochloride @ 25kg/ha (10kg/ac) .
- To prevent wilting in **vegetable crops** apply 2g Captan in 1lt of water.
- Apply 1g Carbendazim or Tebuconazol in 1lt water to control leaf spot.
- To control leaf blight in **Cucurbits**, apply 2g Metalaxil+ Mancozeb or 0.6g Azoxystrobin + Tebuconazol 2 to 3 times alternatively in 10 days interval.
- To control leaf blight in **tomato**, apply 2g Chloromethanol or 3g copper oxichoraide in 1lt of water.
- Spray 300 ml Ethion or 400 ml Carbosulphan or Chloropyriphos in 200 litre water to control Thrips in **Chilli and Capsicum**.
- Leaf spot in ridge gourd has been found..Spray 3.5 ml Indofil -M- 45 in 1 litre water.
- Fruit and shoot borer in **brinjal** is found. Release 20,000 Tricogama Parasites per acre or spray 1 litre of 300 ppm Neem based pesticides or 1000 g Carbaryl per acre in 200 litre water.
- Red spider mite is found in **lady's finger and cowpea**. Spray Kelthane @ 200 g a.i./acre at weekly interval.
- The forecasted rain may initiate wilting in **brinjal and tomato**. Spray 1 g Streptocycline in ten litre water in the root zone of the plants
- **Pointed gourd** is at flowering and fruiting stage Don't go for weeding The grasses and weeds will help in maintaining the humidity and it is for safe for creeping of the vines and does not allow the fruit to come in contact with soil and avoid fruit rot. Late planted pointed gourd at pre flowering stage. Go for weeding and hoeing followed by application of recommended dose of fertilizer. If fungal wilting will appear in pointed gourd. Spray 1.5 ml Carbendazim in 1 litre water.
- Prevailing conditions are favourable for incidence of hoppers in **mango**. To control it, spray Thiomethoxam @0.4 g + Hexaconazol @ 2ml/l of water.
- **Animal Husbandry:** Provide sufficient clean drinking water to cattle and keep their sheds clean. Provide vaccination at regular interval.
- **The south west monsoon (June-September) forecast in 2020 over the country, predicted by IMD is likely to be Normal (96-104%). Hence Farmers should prepare the crop plan depending upon the land type, soil fertility, Variety availability and irrigation facility.**

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

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



**Bulletin No-84**  
**Date-28.04.2020**

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**AGROMET ADVISORY BULLETIN FOR NIALI**

**District Past week weather condition**

The district received 95 mm rainfall during the last week. The mean daily maximum and minimum temperature was 33°C and 21°C, respectively. Relative humidity of the district was around 85-73%. According to NDVI map (15.04.2020 to 21.04.2020) the agriculture vigor was moderate over maximum blocks, whereas according to SPI value (cumulative 4weeks-26 March 2020 to 22 April 2020), mildly wet condition was there.

**Forecasted period: 29<sup>th</sup> April 2020 to 03<sup>rd</sup> May 2020**

**General Advisory:** As per IMD, light to moderate rain or thundershower is forecasted for upcoming 5 days. The day temperature will 31-35°C and night temperature will be 23-25°C for upcoming 5 days. Maximum and minimum relative humidity will be 83-87% and 44-56% respectively. There will be clear to partly cloudy sky for next 5 days.

Block	Niali (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	29/04/2020	30/04/2020	01/05/2020	02/05/2020	03/05/2020
Rainfall(mm)	20	8	11	10	2
T-Max(°C)	32	31	32	35	33
T-Min(°C)	23	25	25	25	25
Cloud Cover(octa)	1	2	1	2	2
RH Max (%)	87	87	83	84	86
RH Min (%)	44	53	56	50	56
Wind Speed(Kmph)	17	23	25	25	28
Wind Direction(deg)	201	203	198	203	203

**Agromet Advisory**

**JUTE:** The weather is optimum for Jute sowing. Grow the recommended variety JRO-524 (Naveen) of 130 to 140 days duration and resistant to mite. Apply 5 cartload of FYM per acre during final land preparation and apply 12:12 kg PK/acre as basal. Use 2 kg seeds/acre for line sowing and 3 kg seeds for broadcasting. Before sowing seeds are to be treated with 2 g Carabendazim or 3 g Thiram/kg seeds to avoid root and stem rot. To maintain 2 lakh healthy plants/acre, sow the seeds in lines at 25 cm apart with 3 cm depth. **SESAME:** The early sown crop at 2 to 3 week stage. Go for weeding and hoeing. Apply 13 kg. urea followed by earthing up. Irrigate the crop after fertilizer application. Intercultural operations should be completed within 25 days as the flowering starts after 25 days. To control leaf webber, spray 400 ml Endosulphan. per acre. **CASHEWNUT:** Cashew root and shoot borer infestation has been found. Cashew farmers are suggested to inspect base of trees for exudation/ oozing of gum out of trunk and if found, adopt curative treatment by carefully removing the bark and tracking the grubs inside and destroy them.

**VEGETABLES AND FRUITS: (After rain)**

- **Spraying or dusting of plant protection chemicals should be done in a clear weather condition after Saturday and avoided in rainy days.**
- Drain out excess water from the vegetable nursery and cover it with polythene.
- Go for summer ploughing as the block will receive light to moderate pre-monsoon rainfall.
- **Okra:**-White fly:- Spray Thiomethoxam @5g/15ltr.Water.
- **Chilli:**-Thrips:-Spray Acetamiprid @ 1g/ltr of water or spiromesifen @ 1ml/ltr of water. For controlling root rot and dieback in chilli spray 3 g Indophil-M-45 or 1.5 g Topsin-M in one litre water.
- 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. Current weather is favourable for attack of fruit fly in cucurbits. So install cue lure for mass trapping of the insects. Go for placement of poison baits and spraying of solution made with 2g Cartap hydrochloride+100g gur per litre of water.
- **Brinjal:**-Fruit & shoot borer in brinjal:-Soil application of Cartap hydrochloride @ 25kg/ha (10kg/ac).
- To prevent wilting in **vegetable crops** apply 2g Captan in 1lt of water.
- Apply 1g Carabendazim or Tebuconazol in 1lt water to control leaf spot.
- To control leaf blight in **Cucurbits**, apply 2g Metalaxil+ Mancozeb or 0.6g Azoxystrobin + Tebuconazol 2 to 3 times alternatively in 10 days interval.
- To control leaf blight in **tomato**, apply 2g Chloromethanol or 3g copper oxichoraide in 1lt of water.
- Spray 300 ml Ethion or 400 ml Carbosulphan or Chloropyriphos in 200 litre water to control Thrips in **Chilli and Capsicum**.
- Leaf spot in ridge gourd has been found..Spray 3.5 ml Indofil -M- 45 in 1 litre water.
- Fruit and shoot borer in **brinjal** is found. Release 20,000 Tricogama Parasites per acre or spray 1 litre of 300 ppm Neem based pesticides or 1000 g Carbaryl per acre in 200 litre water.
- Red spider mite is found in **lady's finger and cowpea**. Spray Kelthane @ 200 g a.i./acre at weekly interval.
- The forecasted rain may initiate wilting in **brinjal and tomato**. Spray 1 g Streptocycline in ten litre water in the root zone of the plants
- **Pointed gourd** is at flowering and fruiting stage Don't go for weeding The grasses and weeds will help in maintaining the humidity and it is for safe for creeping of the vines and does not allow the fruit to come in contact with soil and avoid fruit rot. Late planted pointed gourd at pre flowering stage. Go for weeding and hoeing followed by application of recommended dose of fertilizer. If fungal wilting will appear in pointed gourd. Spray 1.5 ml Carabendazim in 1 litre water.
- Prevailing conditions are favourable for incidence of hoppers in **mango**. To control it, spray Thiomethoxam @0.4 g + Hexaconazol @ 2ml/l of water.
- **Animal Husbandry:** Provide sufficient clean drinking water to cattle and keep their sheds clean. Provide vaccination at regular interval.
- **The south west monsoon (June-September) forecast in 2020 over the country, predicted by IMD is likely to be Normal (96-104%). Hence Farmers should prepare the crop plan depending upon the land type, soil fertility, Variety availability and irrigation facility.**

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

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**Bulletin No-84**  
**Date-28.04.2020**

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**AGROMET ADVISORY BULLETIN FOR NISCHINTAKOILI**

**District Past week weather condition**

The district received 95 mm rainfall during the last week. The mean daily maximum and minimum temperature was 33°C and 21°C, respectively. Relative humidity of the district was around 85-73%. **According to NDVI map (15.04.2020 to 21.04.2020) the agriculture vigor was moderate over maximum blocks, whereas according to SPI value (cumulative 4weeks-26 March 2020 to 22 April 2020), mildly wet condition was there.**

**Forecasted period: 29<sup>th</sup> April 2020 to 03<sup>rd</sup> May 2020**

**General Advisory:** As per IMD, light to moderate rain or thundershower is forecasted for upcoming 5 days. The day temperature will 30-36°C and night temperature will be 23-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 82-88% and 31-49% respectively. There will be clear to partly cloudy sky for next 5 days.

Block	Nischintakoili (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	29/04/2020	30/04/2020	01/05/2020	02/05/2020	03/05/2020
<b>Rainfall(mm)</b>	21	9	14	12	5
<b>T-Max(°C)</b>	30	30	33	36	33
<b>T-Min(°C)</b>	23	24	25	26	25
<b>Cloud Cover(octa)</b>	2	0	1	3	1
<b>RH Max (%)</b>	88	86	82	83	84
<b>RH Min (%)</b>	41	46	49	31	45
<b>Wind Speed (Kmph)</b>	15	22	26	22	26
<b>Wind Direction (deg)</b>	193	203	200	198	203

**Agromet Advisory**

**JUTE:** The weather is optimum for Jute sowing. Grow the recommended variety JRO-524 (Naveen) of 130 to 140 days duration and resistant to mite. Apply 5 cartload of FYM per acre during final land preparation and apply 12:12 kg PK/acre as basal. Use 2 kg seeds/acre for line sowing and 3 kg seeds for broadcasting. Before sowing seeds are to be treated with 2 g Carbendazim or 3 g Thiram/kg seeds to avoid root and stem rot. To maintain 2 lakh healthy plants/acre, sow the seeds in lines at 25 cm apart with 3 cm depth.

**SESAME:** The early sown crop at 2 to 3 week stage. Go for weeding and hoeing. Apply 13 kg. urea followed by earthing up. Irrigate the crop after fertilizer application. Intercultural operations should be completed within 25 days as the flowering starts after 25 days. To control leaf webber, spray 400 ml Endosulphan. per acre.

**CASHEWNUT:** Cashew root and shoot borer infestation has been found. Cashew farmers are suggested to inspect base of trees for exudation/ oozing of gum out of trunk and if found, adopt curative treatment by carefully removing the bark and tracking the grubs inside and destroy them.

**VEGETABLES AND FRUITS: (After rain)**

- **Spraying or dusting of plant protection chemicals should be done in a clear weather condition after Saturday and avoided in rainy days.**
- Drain out excess water from the vegetable nursery and cover it with polythene.
- Go for summer ploughing as the block will receive light to moderate pre-monsoon rainfall.
- **Okra:-White fly:-** Spray Thiomethoxam @5g/15ltr.Water.
- **Chilli:-Thrips:-**Spray Acetamiprid @ 1g/ltr of water or spiromesifen @ 1ml/ltr of water. For controlling root rot and dieback in chilli spray 3 g Indophol-M-45 or 1.5 g Topsin-M in one litre water.
- 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. Current weather is favourable for attack of fruit fly in cucurbits. So install cueleur for mass trapping of the insects. Go for placement of poison baits and spraying of solution made with 2g Cartap hydrochloride+100g gur per litre of water.
- **Brinjal:-Fruit & shoot borer in brinjal:-**Soil application of Cartap hydrochloride @ 25kg/ha (10kg/ac).
- To prevent wilting in **vegetable crops** apply 2g Captan in 1lt of water.
- Apply 1g Carbendazim or Tebuconazol in 1lt water to control leaf spot.
- To control leaf blight in **Cucurbits**, apply 2g Metalaxil+ Mancozeb or 0.6g Azoxystrobin + Tebuconazol 2 to 3 times alternatively in 10 days interval.
- To control leaf blight in **tomato**, apply 2g Chloromethanol or 3g copper oxichoraide in 1lt of water.
- Spray 300 ml Ethion or 400 ml Carbosulphan or Chloropyriphos in 200 litre water to control Thrips in **Chilli and Capsicum**.
- Leaf spot in ridge gourd has been found..Spray 3.5 ml Indofil –M- 45 in 1 litre water.
- Fruit and shoot borer in **brinjal** is found. Release 20,000 Tricogama Parasites per acre or spray 1 litre of 300 ppm Neem based pesticides or 1000 g Carbaryl per acre in 200 litre water.
- Red spider mite is found in **lady's finger and cowpea**. Spray Kelthane @ 200 g a.i./acre at weekly interval.
- The forecasted rain may initiate wilting in **brinjal and tomato**. Spray 1 g Streptocycline in ten litre water in the root zone of the plants
- **Pointed gourd** is at flowering and fruiting stage Don't go for weeding The grasses and weeds will help in maintaining the humidity and it is safe for creeping of the vines and does not allow the fruit to come in contact with soil and avoid fruit rot. Late planted pointed gourd at pre flowering stage. Go for weeding and hoeing followed by application of recommended dose of fertilizer. If fungal wilting will appear in pointed gourd. Spray 1.5 ml Carbendazim in 1 litre water.
- Prevailing conditions are favourable for incidence of hoppers in **mango**. To control it, spray Thiomethoxam @0.4 g + Hexaconazol @ 2ml/l of water.
- **Animal Husbandry:** Provide sufficient clean drinking water to cattle and keep their sheds clean. Provide vaccination at regular interval.
- **The south west monsoon (June-September) forecast in 2020 over the country, predicted by IMD is likely to be Normal (96-104%). Hence Farmers should prepare the crop plan depending upon the land type, soil fertility, Variety availability and irrigation facility.**

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

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**Bulletin No-84**  
**Date-28.04.2020**

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**AGROMET ADVISORY BULLETIN FOR SALEPUR**

**District Past week weather condition**

The district received 95 mm rainfall during the last week. The mean daily maximum and minimum temperature was 33°C and 21°C, respectively. Relative humidity of the district was around 85-73%. **According to NDVI map (15.04.2020 to 21.04.2020) the agriculture vigor was moderate over maximum blocks, whereas according to SPI value (cumulative 4weeks-26 March 2020 to 22 April 2020), mildly wet condition was there.**

**Forecasted period: 29<sup>th</sup> April 2020 to 03<sup>rd</sup> May 2020**

**General Advisory:** As per IMD, light to moderate rain or thundershower is forecasted for upcoming 5 days. The day temperature will 30-36°C and night temperature will be 23-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 81-88% and 29-48% respectively. There will be clear to partly cloudy sky for next 5 days.

Block	Salepur (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	29/04/2020	30/04/2020	01/05/2020	02/05/2020	03/05/2020
Rainfall(mm)	19	8	12	9	4
T-Max(°C)	30	30	33	36	33
T-Min(°C)	23	24	25	26	25
Cloud Cover(octa)	2	2	2	3	1
RH Max (%)	88	87	81	83	85
RH Min (%)	41	45	48	29	45
Wind Speed (Kmph)	15	21	26	22	26
Wind Direction (deg)	198	203	198	199	203

**Agromet Advisory**

**JUTE:** The weather is optimum for Jute sowing. Grow the recommended variety JRO-524 (Naveen) of 130 to 140 days duration and resistant to mite. Apply 5 cartload of FYM per acre during final land preparation and apply 12:12 kg PK/acre as basal. Use 2 kg seeds/acre for line sowing and 3 kg seeds for broadcasting. Before sowing seeds are to be treated with 2 g Carbenazim or 3 g Thiram/kg seeds to avoid root and stem rot. To maintain 2 lakh healthy plants/acre, sow the seeds in lines at 25 cm apart with 3 cm depth.

**SESAME:** The early sown crop at 2 to 3 week stage. Go for weeding and hoeing. Apply 13 kg. urea followed by earthing up. Irrigate the crop after fertilizer application. Intercultural operations should be completed within 25 days as the flowering starts after 25 days. To control leaf webber, spray 400 ml Endosulphan. per acre.

**CASHEW NUT:** Cashew root and shoot borer infestation has been found. Cashew farmers are suggested to inspect base of trees for exudation/ oozing of gum out of trunk and if found, adopt curative treatment by carefully removing the bark and tracking the grubs inside and destroy them.

**VEGETABLES AND FRUITS: (After rain)**

- **Spraying or dusting of plant protection chemicals should be done in a clear weather condition after Saturday and avoided in rainy days.**
- Drain out excess water from the vegetable nursery and cover it with polythene.
- Go for summer ploughing as the block will receive light to moderate pre-monsoon rainfall.
- **Okra:**-White fly:- Spray Thiomethoxam @5g/15ltr.Water.
- **Chilli:**-Thrips:-Spray Acetamiprid @ 1g/ltr of water or spiromesifen @ 1ml/ltr of water. For controlling root rot and dieback in chilli spray 3 g Indophil-M-45 or 1.5 g Topsin-M in one litre water.
- 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. Current weather is favourable for attack of fruit fly in cucurbits. So install cueleur for mass trapping of the insects. Go for placement of poison baits and spraying of solution made with 2g Cartap hydrochloride+100g gur per litre of water.
- **Brinjal:**-Fruit & shoot borer in brinjal:-Soil application of Cartap hydrochloride @ 25kg/ha (10kg/ac).
- To prevent wilting in **vegetable crops** apply 2g Captan in 1lt of water.
- Apply 1g Carbenazim or Tebuconazol in 1lt water to control leaf spot.
- To control leaf blight in **Cucurbits**, apply 2g Metalaxil+ Mancozeb or 0.6g Azoxystrobin + Tebuconazol 2 to 3 times alternatively in 10 days interval.
- To control leaf blight in **tomato**, apply 2g Chloromethanol or 3g copper oxichoraide in 1lt of water.
- Spray 300 ml Ethion or 400 ml Carbosulphan or Chloropyriphos in 200 litre water to control Thrips in **Chilli and Capsicum**.
- Leaf spot in ridge gourd has been found..Spray 3.5 ml Indofil –M- 45 in 1 litre water.
- Fruit and shoot borer in **brinjal** is found. Release 20,000 Tricogama Parasites per acre or spray 1 litre of 300 ppm Neem based pesticides or 1000 g Carbaryl per acre in 200 litre water.
- Red spider mite is found in **lady's finger and cowpea**. Spray Kelthane @ 200 g a.i./acre at weekly interval.
- The forecasted rain may initiate wilting in **brinjal and tomato**. Spray 1 g Streptocycline in ten litre water in the root zone of the plants
- **Pointed gourd** is at flowering and fruiting stage Don't go for weeding The grasses and weeds will help in maintaining the humidity and it is safe for creeping of the vines and does not allow the fruit to come in contact with soil and avoid fruit rot. Late planted pointed gourd at pre flowering stage. Go for weeding and hoeing followed by application of recommended dose of fertilizer. If fungal wilting will appear in pointed gourd. Spray 1.5 ml Carbenazim in 1 litre water.
- Prevailing conditions are favourable for incidence of hoppers in **mango**. To control it, spray Thiomethoxam @0.4 g + Hexaconazol @ 2ml/l of water.
- **Animal Husbandry:** Provide sufficient clean drinking water to cattle and keep their sheds clean. Provide vaccination at regular interval.
- **The south west monsoon (June-September) forecast in 2020 over the country, predicted by IMD is likely to be Normal (96-104%). Hence Farmers should prepare the crop plan depending upon the land type, soil fertility, Variety availability and irrigation facility.**

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

**Debasish Jena**

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**Bulletin No-84**  
**Date-28.04.2020**

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

**District Past week weather condition**

The district received 95 mm rainfall during the last week. The mean daily maximum and minimum temperature was 33°C and 21°C, respectively. Relative humidity of the district was around 85-73%. **According to NDVI map (15.04.2020 to 21.04.2020) the agriculture vigor was moderate over maximum blocks, whereas according to SPI value (cumulative 4weeks-26 March 2020 to 22 April 2020), mildly wet condition was there.**

**Forecasted period: 29<sup>th</sup> April 2020 to 03<sup>rd</sup> May 2020**

**General Advisory:** **As per IMD, light to moderate rain or thundershower is forecasted for upcoming 5 days.** The day temperature will 34-35°C and night temperature will be 27-29°C for upcoming 5 days. Maximum and minimum relative humidity will be 84-89% and 52-63% respectively. There will be clear to partly cloudy sky for next 5 days.

Block	Tangi-Choudwar (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	29/04/2020	30/04/2020	01/05/2020	02/05/2020	03/05/2020
Rainfall(mm)	14	7	10	8	2
T-Max(°C)	34	34	34	35	34
T-Min(°C)	27	28	28	29	29
Cloud Cover(octa)	2	2	2	2	1
RH Max (%)	89	88	84	86	86
RH Min (%)	52	59	63	57	60
Wind Speed (Kmph)	19	23	28	26	28
Wind Direction (deg)	198	201	200	198	203

**Agromet Advisory**

**JUTE:** The weather is optimum for Jute sowing. Grow the recommended variety JRO-524 (Naveen) of 130 to 140 days duration and resistant to mite. Apply 5 cartload of FYM per acre during final land preparation and apply 12:12 kg PK/acre as basal. Use 2 kg seeds/acre for line sowing and 3 kg seeds for broadcasting. Before sowing seeds are to be treated with 2 g Carbendazim or 3 g Thiram/kg seeds to avoid root and stem rot. To maintain 2 lakh healthy plants/acre, sow the seeds in lines at 25 cm apart with 3 cm depth.

**SESAME:** The early sown crop at 2 to 3 week stage. Go for weeding and hoeing. Apply 13 kg. urea followed by earthing up. Irrigate the crop after fertilizer application. Intercultural operations should be completed within 25 days as the flowering starts after 25 days. To control leaf webber, spray 400 ml Endosulphan. per acre.

**CASHEW NUT:** Cashew root and shoot borer infestation has been found. Cashew farmers are suggested to inspect base of trees for exudation/ oozing of gum out of trunk and if found, adopt curative treatment by carefully removing the bark and tracking the grubs inside and destroy them.

**VEGETABLES AND FRUITS: (After rain)**

- **Spraying or dusting of plant protection chemicals should be done in a clear weather condition after Saturday and avoided in rainy days.**
- Drain out excess water from the vegetable nursery and cover it with polythene.
- Go for summer ploughing as the block will receive light to moderate pre-monsoon rainfall.
- **Okra:**-White fly:- Spray Thiomethoxam @5g/15ltr.Water.
- **Chilli:**-Thrips:-Spray Acetamiprid @ 1g/ltr of water or spiromesifen @ 1ml/ltr of water. For controlling root rot and dieback in chilli spray 3 g Indophil-M-45 or 1.5 g Topsin-M in one litre water.
- 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. Current weather is favourable for attack of fruit fly in cucurbits. So install cueleur for mass trapping of the insects. Go for placement of poison baits and spraying of solution made with 2g Cartap hydrochloride+100g gur per litre of water.
- **Brinjal:**-Fruit & shoot borer in brinjal:-Soil application of Cartap hydrochloride @ 25kg/ha (10kg/ac).
- To prevent wilting in **vegetable crops** apply 2g Captan in 1lt of water.
- Apply 1g Carbendazim or Tebuconazol in 1lt water to control leaf spot.
- To control leaf blight in **Cucurbits**, apply 2g Metalaxil+ Mancozeb or 0.6g Azoxystrobin + Tebuconazol 2 to 3 times alternatively in 10 days interval.
- To control leaf blight in **tomato**, apply 2g Chloromethanol or 3g copper oxichloride in 1lt of water.
- Spray 300 ml Ethion or 400 ml Carbosulphan or Chloropyrifos in 200 litre water to control Thrips in **Chilli and Capsicum**.
- Leaf spot in ridge gourd has been found..Spray 3.5 ml Indofil –M- 45 in 1 litre water.
- Fruit and shoot borer in **brinjal** is found. Release 20,000 Tricogama Parasites per acre or spray 1 litre of 300 ppm Neem based pesticides or 1000 g Carbaryl per acre in 200 litre water.
- Red spider mite is found in **lady's finger and cowpea**. Spray Kelthane @ 200 g a.i./acre at weekly interval.
- The forecasted rain may initiate wilting in **brinjal and tomato**. Spray 1 g Streptocycline in ten litre water in the root zone of the plants
- **Pointed gourd** is at flowering and fruiting stage Don't go for weeding The grasses and weeds will help in maintaining the humidity and it is safe for creeping of the vines and does not allow the fruit to come in contact with soil and avoid fruit rot. Late planted pointed gourd at pre flowering stage. Go for weeding and hoeing followed by application of recommended dose of fertilizer. If fungal wilting will appear in pointed gourd. Spray 1.5 ml Carbendazim in 1 litre water.
- Prevailing conditions are favourable for incidence of hoppers in **mango**. To control it, spray Thiomethoxam @0.4 g + Hexaconazol @ 2ml/l of water.
- **Animal Husbandry:** Provide sufficient clean drinking water to cattle and keep their sheds clean. Provide vaccination at regular interval.
- **The south west monsoon (June-September) forecast in 2020 over the country, predicted by IMD is likely to be Normal (96-104%). Hence Farmers should prepare the crop plan depending upon the land type, soil fertility, Variety availability and irrigation facility.**

**Dr.Dilip Ranjan Sarangi**  
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**Bulletin No-84**  
**Date-28.04.2020**

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**AGROMET ADVISORY BULLETIN FOR TIGIRIA**

**District Past week weather condition**

The district received 95 mm rainfall during the last week. The mean daily maximum and minimum temperature was 33°C and 21°C, respectively. Relative humidity of the district was around 85-73%. **According to NDVI map (15.04.2020 to 21.04.2020) the agriculture vigor was moderate over maximum blocks, whereas according to SPI value (cumulative 4weeks-26 March 2020 to 22 April 2020), mildly wet condition was there.**

**Forecasted period: 29<sup>th</sup> April 2020 to 03<sup>rd</sup> May 2020**

**General Advisory:** As per IMD, light to moderate rain or thundershower is forecasted for upcoming 5 days. The day temperature will 30-36°C and night temperature will be 22-24°C for upcoming 5 days. Maximum and minimum relative humidity will be 83-87% and 20-39% respectively. There will be clear to partly cloudy sky for next 5 days.

Block	Tigiria (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	29/04/2020	30/04/2020	01/05/2020	02/05/2020	03/05/2020
Rainfall(mm)	14	5	7	6	2
T-Max(°C)	30	32	34	36	36
T-Min(°C)	22	23	24	23	24
Cloud Cover(octa)	3	2	1	2	1
RH Max (%)	85	84	83	87	83
RH Min (%)	39	34	34	20	25
Wind Speed (Kmph)	15	17	21	14	18
Wind Direction (deg)	195	193	189	160	180

**Agromet Advisory**

**JUTE:** The weather is optimum for Jute sowing. Grow the recommended variety JRO-524 (Naveen) of 130 to 140 days duration and resistant to mite. Apply 5 cartload of FYM per acre during final land preparation and apply 12:12 kg PK/acre as basal. Use 2 kg seeds/acre for line sowing and 3 kg seeds for broadcasting. Before sowing seeds are to be treated with 2 g Carbenidazim or 3 g Thiram/kg seeds to avoid root and stem rot. To maintain 2 lakh healthy plants/acre, sow the seeds in lines at 25 cm apart with 3 cm depth.

**SESAME:** The early sown crop at 2 to 3 week stage. Go for weeding and hoeing. Apply 13 kg. urea followed by earthing up. Irrigate the crop after fertilizer application. Intercultural operations should be completed within 25 days as the flowering starts after 25 days. To control leaf webber, spray 400 ml Endosulphan. per acre.

**CASHEW NUT:** Cashew root and shoot borer infestation has been found. Cashew farmers are suggested to inspect base of trees for exudation/ oozing of gum out of trunk and if found, adopt curative treatment by carefully removing the bark and tracking the grubs inside and destroy them.

**VEGETABLES AND FRUITS: (After rain)**

- **Spraying or dusting of plant protection chemicals should be done in a clear weather condition after Saturday and avoided in rainy days.**
- Drain out excess water from the vegetable nursery and cover it with polythene.
- Go for summer ploughing as the block will receive light to moderate pre-monsoon rainfall.
- **Okra:**-White fly:- Spray Thiomethoxam @5g/15ltr.Water.
- **Chilli:**-Thrips:-Spray Acetamiprid @ 1g/ltr of water or spiromesifen @ 1ml/ltr of water. For controlling root rot and dieback in chilli spray 3 g Indophil-M-45 or 1.5 g Topsin-M in one litre water.
- 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. Current weather is favourable for attack of fruit fly in cucurbits. So install cueleur for mass trapping of the insects. Go for placement of poison baits and spraying of solution made with 2g Cartap hydrochloride+100g gur per litre of water.
- **Brinjal:**-Fruit & shoot borer in brinjal:-Soil application of Cartap hydrochloride @ 25kg/ha (10kg/ac).
- To prevent wilting in **vegetable crops** apply 2g Captan in 1lt of water.
- Apply 1g Carbenidazim or Tebuconazol in 1lt water to control leaf spot.
- To control leaf blight in **Cucurbits**, apply 2g Metalaxil+ Mancozeb or 0.6g Azoxystrobin + Tebuconazol 2 to 3 times alternatively in 10 days interval.
- To control leaf blight in **tomato**, apply 2g Chloromethanol or 3g copper oxichoraide in 1lt of water.
- Spray 300 ml Ethion or 400 ml Carbosulphan or Chloropyriphos in 200 litre water to control Thrips in **Chilli and Capsicum**.
- Leaf spot in ridge gourd has been found..Spray 3.5 ml Indofil –M- 45 in 1 litre water.
- Fruit and shoot borer in **brinjal** is found. Release 20,000 Tricogama Parasites per acre or spray 1 litre of 300 ppm Neem based pesticides or 1000 g Carbaryl per acre in 200 litre water.
- Red spider mite is found in **lady's finger and cowpea**. Spray Kelthane @ 200 g a.i./acre at weekly interval.
- The forecasted rain may initiate wilting in **brinjal and tomato**. Spray 1 g Streptocycline in ten litre water in the root zone of the plants
- **Pointed gourd** is at flowering and fruiting stage Don't go for weeding The grasses and weeds will help in maintaining the humidity and it is safe for creeping of the vines and does not allow the fruit to come in contact with soil and avoid fruit rot. Late planted pointed gourd at pre flowering stage. Go for weeding and hoeing followed by application of recommended dose of fertilizer. If fungal wilting will appear in pointed gourd. Spray 1.5 ml Carbenidazim in 1 litre water.
- Prevailing conditions are favourable for incidence of hoppers in **mango**. To control it, spray Thiomethoxam @0.4 g + Hexaconazol @ 2ml/l of water.
- **Animal Husbandry:** Provide sufficient clean drinking water to cattle and keep their sheds clean. Provide vaccination at regular interval.
- **The south west monsoon (June-September) forecast in 2020 over the country, predicted by IMD is likely to be Normal (96-104%). Hence Farmers should prepare the crop plan depending upon the land type, soil fertility, Variety availability and irrigation facility.**

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