



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



**Bulletin No-92**  
**Date-26.05.2020**

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

**District Past week weather condition**

The district received 72 mm rainfall during the last week. The mean daily maximum and minimum temperature was 34°C and 25°C, respectively. Relative humidity of the district was around 80-75%. **According to NDVI map (13.05.2020 to 19.05.2020) the agriculture vigor was less over maximum blocks, whereas according to SPI value (cumulative 4weeks-23April 2020 to 20May 2020), moderately wet condition was there.**

**Forecasted period: 27<sup>th</sup> May 2020 to 31<sup>st</sup> May 2020**

**Weather advisory:** No rainfall is forecasted for upcoming 5 days. The day temperature will **36-38°C** and night temperature will be **26-28°C** for upcoming 5 days. Maximum and minimum relative humidity will be 78-86% and 22-38% respectively. There will be partly cloudy to overcast sky for next 5 days.

Block	Athagad (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	27/05/2020	28/05/2020	29/05/2020	30/05/2020	31/05/2020
Rainfall (mm)	0	0	0	0	0
T-Max (°C)	36	36	38	38	38
T-Min (°C)	27	28	27	26	27
Cloud Cover (octa)	3	1	3	2	3
RH Max (%)	81	78	85	86	82
RH Min (%)	38	38	22	38	23
Wind Speed (kmph)	27	25	20	22	18
Wind Direction (deg)	198	204	199	180	199

**Agromet Advisory**

**SUMMER PLOUGHING:** Go for summer ploughing at places receiving soaking rainfall to reduce weed infestation, to destroy eggs and larvae of hibernated soil insects and to increase soil profile recharge.

Collect the following paddy seeds from Govt. Sales Centre. **Extra early-** Nabanna, Kaling-3, **Early-** Sahabhazi, Shatabdi, Mandakini, Khandagiri, Bandana, Pathara, Parijat, Annada. **Medium-** Bina -11, Swarna, Pratibha, MTU- 1001, MTU-1010, Konark, Gajapati, Surendra, Lalat. **Late-** CR-1009, CR-1018, Hasant, Indravati, Mahanadi, Puja, Ramachandi, Kanchana, Sarala, **Fine-** CR-1014, BPT-5204.

**GREEN MANURING:** Optimum time for sowing of green manuring crops like Sesbania and sunhemp in the areas receiving convectional rain. Green manuring crops are sown in medium and low land condition at 6-8 weeks before transplanting of rice. Use 10 kg seeds of Sesbania per acre.. Apply all the recommended dose of phosphorous of rice (100 kg of SSP) to the field during sowing time. Incorporate the green manuring plant at 6-8 week stage for better decomposition before transplanting. It adds 6-7 tons of green matter and in turn 25-30 kg of N to the succeeding rice crop per ha.

**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.

**VEGETABLES AND FRUITS:**

- **Fruit and shoot borer** in **Brinjal**- Spray Neem based pesticide 1500ppm@600ml/acre at initial stages. Later on go for alternate spray of Spinosad 45%SC@70ml/acre and Thiodicarb@300g/acre at 15 days interval.
- Due to Past rain, Chances of **fruit rot** infestation in **chilli and brinjal**, if observe spray Carbendazim 50% WP @ 2 g/litre of water or Copper oxychloride 50% WP @ 3 g/litre of water. If necessary spray second and third round at 15 days interval.
- After cessation of rain, **downy mildew disease** will appear in **cucurbits**. To control it, go for alternate spray of Metalaxyl+Mancozeb@2g/litre and Azoxystrobin+Tebuconazole @0.6g/litre of water at 10 days interval.
- **Rust** disease is likely to appear in **Cowpea**. Spray Chlorothalonil@2g/litre of water.
- Incidence of **thrips** may observe in **chilli**, if observe spray Spinosad 45% SC @ 0.4 ml/litre of water or Imidacloprid 17.8% SL @ 0.3 ml/litre of water in clean and dry weather.
- **Wilting** may observe in **tomato and brinjal** field, to control it drenching with Copper oxychloride 50% WP @ 3 g + Plantomycin @ 1 g/litre of water.
- Present weather may aggravate **fruit and vine rot** (symptoms: leaf spot, leaf blight, stem rot, fruit rot) of **pointed gourd**. If observe remove damaged fruit and vines from the field and should not be kept in and around the field. Spray alternately Copper Oxychloride 50% WP @ 3 g/litre of water and Metalaxyl 8% + Mancozeb 64% @ 2.5 g/litre of water in clear and dry weather.

**Pumpkin beetle** is an important pest found in **pumpkin**. To control this apply Carbaryl (0.4kg/acre) or Malathion (2kg/acre). Destroy the old and infested plants. Current weather favours spread of **YMV** in **Ladies finger**. In case of appearance of diseases, rogue out affected plants and spray Thiomethoxam 25WG @ 60g/acre.

**Animal Husbandry:** Outside grazing of animals should not be allowed between 11AM to 3 pm. Water should be sprayed on the roof and interior areas of house to avoid heat stress to birds. Put gunny bags on walls and spray water to keep the shed cool.

**Monsoon Forecast:** This year, the onset of southwest monsoon over Kerala this year is likely to be slightly delayed as compared to normal date of onset. The monsoon onset over Kerala this year is likely to be on 5th June with a model error of ± 4 days.

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

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



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**Bulletin No-92**  
**Date-26.05.2020**

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AGROMET ADVISORY BULLETIN FOR BADAMBA

District Past week weather condition

The district received 72 mm rainfall during the last week. The mean daily maximum and minimum temperature was 34°C and 25°C, respectively. Relative humidity of the district was around 80-75%. **According to NDVI map (13.05.2020 to 19.05.2020) the agriculture vigor was less over maximum blocks, whereas according to SPI value (cumulative 4weeks-23April 2020 to 20May 2020), moderately wet condition was there.**

Forecasted period: 27<sup>th</sup> May 2020 to 31<sup>st</sup> May 2020

**Weather advisory:** No rainfall is forecasted for upcoming 5 days. The day temperature will 37-39°C and night temperature will be 26-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 77-85% and 17-33% respectively. There will be partly cloudy to overcast sky for next 5 days.

Block	Badamba (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	27/05/2020	28/05/2020	29/05/2020	30/05/2020	31/05/2020
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	37	38	39	37	38
T-Min(°C)	27	27	27	26	27
Cloud Cover(octa)	3	1	3	2	3
RH Max (%)	81	77	85	84	83
RH Min (%)	32	32	17	33	21
Wind Speed (Kmph)	21	21	15	18	14
Wind Direction (deg)	198	203	203	180	203

Agromet Advisory

**SUMMER PLOUGHING:** Go for summer ploughing at places receiving soaking rainfall to reduce weed infestation, to destroy eggs and larvae of hibernated soil insects and to increase soil profile recharge.

Collect the following paddy seeds from Govt. Sales Centre. **Extra early-** Nabanna, Kaling-3, **Early-** Sahabhazi, Shatabdi, Mandakini, Khandagiri, Bandana, Pathara, Parijat, Annada. **Medium-** Bina -11, Swarna, Pratibha, MTU- 1001, MTU-1010, Konark, Gajapati, Surendra, Lalat. **Late-** CR-1009, CR-1018, Hasant, Indravati, Mahanadi, Puja, Ramachandi, Kanchana, Sarala, **Fine-** CR-1014, BPT-5204.

**GREEN MANURING:** Optimum time for sowing of green manuring crops like Sesbania and sunhemp in the areas receiving convectional rain. Green manuring crops are sown in medium and low land condition at 6-8 weeks before transplanting of rice. Use 10 kg seeds of Sesbania per acre.. Apply all the recommended dose of phosphorous of rice (100 kg of SSP) to the field during sowing time. Incorporate the green manuring plant at 6-8 week stage for better decomposition before transplanting. It adds 6-7 tons of green matter and in turn 25-30 kg of N to the succeeding rice crop per ha.

**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.

**VEGETABLES AND FRUITS:**

- **Fruit and shoot borer** in **Brinjal**- Spray Neem based pesticide 1500ppm@600ml/acre at initial stages. Later on go for alternate spray of Spinosad 45%SC@70ml/acre and Thiodicarb@300g/acre at 15 days interval.
- Due to Past rain, Chances of **fruit rot** infestation in **chilli and brinjal**, if observe spray Carbendazim 50% WP @ 2 g/litre of water or Copper oxychloride 50% WP @ 3 g/litre of water. If necessary spray second and third round at 15 days interval.
- After cessation of rain, **downy mildew disease** will appear in **cucurbits**. To control it, go for alternate spray of Metalaxyl+Mancozeb@2g/litre and Azoxystrobin+Tebuconazole @0.6g/litre of water at 10 days interval.
- **Rust** disease is likely to appear in **Cowpea**. Spray Chlorothalonil@2g/litre of water.
- Incidence of **thrips** may observe in **chilli**, if observe spray Spinosad 45% SC @ 0.4 ml/litre of water or Imidacloprid 17.8% SL @ 0.3 ml/litre of water in clean and dry weather.
- **Wilting** may observe in **tomato and brinjal** field, to control it drenching with Copper oxychloride 50% WP @ 3 g + Plantomycin @ 1 g/litre of water.
- Present weather may aggravate **fruit and vine rot** (symptoms: leaf spot, leaf blight, stem rot, fruit rot) of **pointed gourd**. If observe remove damaged fruit and vines from the field and should not be kept in and around the field. Spray alternately Copper Oxychloride 50% WP @ 3 g/litre of water and Metalaxyl 8% + Mancozeb 64% @ 2.5 g/litre of water in clear and dry weather.

**Pumpkin beetle** is an important pest found in **pumpkin**. To control this apply Carbaryl (0.4kg/acre) or Malathion (2kg/acre). Destroy the old and infested plants. Current weather favours spread of **YMV** in **Ladies finger**. In case of appearance of diseases, rogue out affected plants and spray Thiomethoxam 25WG @ 60g/acre.

**Animal Husbandry:** Outside grazing of animals should not be allowed between 11AM to 3 pm. Water should be sprayed on the roof and interior areas of house to avoid heat stress to birds. Put gunny bags on walls and spray water to keep the shed cool.

**Monsoon Forecast:** This year, the onset of southwest monsoon over Kerala this year is likely to be slightly delayed as compared to normal date of onset. The monsoon onset over Kerala this year is likely to be on 5th June with a model error of ± 4 days.

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

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



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**Bulletin No-92**  
**Date-26.05.2020**

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**AGROMET ADVISORY BULLETIN FOR BANKI**

**District Past week weather condition**

The district received 72 mm rainfall during the last week. The mean daily maximum and minimum temperature was 34°C and 25°C, respectively. Relative humidity of the district was around 80-75%. **According to NDVI map (13.05.2020 to 19.05.2020) the agriculture vigor was less over maximum blocks, whereas according to SPI value (cumulative 4weeks-23April 2020 to 20May 2020), moderately wet condition was there.**

**Forecasted period: 27<sup>th</sup> May 2020 to 31<sup>st</sup> May 2020**

**Weather advisory:** No rainfall is forecasted for upcoming 5 days. The day temperature will 36-39°C and night temperature will be 26-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 77-86% and 22-41% respectively. There will be partly cloudy to overcast sky for next 5 days.

Block	Banki (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	27/05/2020	28/05/2020	29/05/2020	30/05/2020	31/05/2020
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	36	36	39	38	38
T-Min(°C)	27	27	27	26	27
Cloud Cover(octa)	3	1	2	2	3
RH Max (%)	81	77	85	86	82
RH Min (%)	38	39	22	41	25
Wind Speed (Kmph)	27	26	20	22	19
Wind Direction (deg)	198	204	203	193	199

**Agromet Advisory**

**SUMMER PLOUGHING:** Go for summer ploughing at places receiving soaking rainfall to reduce weed infestation, to destroy eggs and larvae of hibernated soil insects and to increase soil profile recharge.

Collect the following paddy seeds from Govt. Sales Centre. **Extra early-** Nabanna, Kaling-3, **Early-** Sahabhazi, Shatabdi, Mandakini, Khandagiri, Bandana, Pathara, Parijat, Annada. **Medium-** Bina -11, Swarna, Pratibha, MTU- 1001, MTU-1010, Konark, Gajapati, Surendra, Lalat. **Late-** CR-1009, CR-1018, Hasant, Indravati, Mahanadi, Puja, Ramachandi, Kanchana, Sarala, **Fine-** CR-1014, BPT-5204.

**GREEN MANURING:** Optimum time for sowing of green manuring crops like Sesbania and sunhemp in the areas receiving convectional rain. Green manuring crops are sown in medium and low land condition at 6-8 weeks before transplanting of rice. Use 10 kg seeds of Sesbania per acre.. Apply all the recommended dose of phosphorous of rice (100 kg of SSP) to the field during sowing time. Incorporate the green manuring plant at 6-8 week stage for better decomposition before transplanting. It adds 6-7 tons of green matter and in turn 25-30 kg of N to the succeeding rice crop per ha.

**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.

**VEGETABLES AND FRUITS:**

- **Fruit and shoot borer** in **Brinjal**- Spray Neem based pesticide 1500ppm@600ml/acre at initial stages. Later on go for alternate spray of Spinosad 45%SC@70ml/acre and Thiodicarb@300g/acre at 15 days interval.
- Due to Past rain, Chances of **fruit rot** infestation in **chilli and brinjal**, if observe spray Carbendazim 50% WP @ 2 g/litre of water or Copper oxychloride 50% WP @ 3 g/litre of water. If necessary spray second and third round at 15 days interval.
- After cessation of rain, **downy mildew disease** will appear in **cucurbits**. To control it, go for alternate spray of Metalaxyl+Mancozeb@2g/litre and Azoxystrobin+Tebuconazole @0.6g/litre of water at 10 days interval.
- **Rust** disease is likely to appear in **Cowpea**. Spray Chlorothalonil@2g/litre of water.
- Incidence of **thrips** may observe in **chilli**, if observe spray Spinosad 45% SC @ 0.4 ml/litre of water or Imidacloprid 17.8% SL @ 0.3 ml/litre of water in clean and dry weather.
- **Wilting** may observe in **tomato and brinjal** field, to control it drenching with Copper oxychloride 50% WP @ 3 g + Plantomycin @ 1 g/litre of water.
- Present weather may aggravate **fruit and vine rot** (symptoms: leaf spot, leaf blight, stem rot, fruit rot) of **pointed gourd**. If observe remove damaged fruit and vines from the field and should not be kept in and around the field. Spray alternately Copper Oxychloride 50% WP @ 3 g/litre of water and Metalaxyl 8% + Mancozeb 64% @ 2.5 g/litre of water in clear and dry weather.

**Pumpkin beetle** is an important pest found in **pumpkin**. To control this apply Carbaryl (0.4kg/acre) or Malathion (2kg/acre). Destroy the old and infested plants. Current weather favours spread of **YMV** in **Ladies finger**. In case of appearance of diseases, rogue out affected plants and spray Thiomethoxam 25WG @ 60g/acre.

**Animal Husbandry:** Outside grazing of animals should not be allowed between 11AM to 3 pm. Water should be sprayed on the roof and interior areas of house to avoid heat stress to birds. Put gunny bags on walls and spray water to keep the shed cool.

**Monsoon Forecast:** This year, the onset of southwest monsoon over Kerala this year is likely to be slightly delayed as compared to normal date of onset. The monsoon onset over Kerala this year is likely to be on 5th June with a model error of ± 4 days.

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**Date-26.05.2020**

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**AGROMET ADVISORY BULLETIN FOR BANKI- DAMPARA**

**District Past week weather condition**

The district received 72 mm rainfall during the last week. The mean daily maximum and minimum temperature was 34°C and 25°C, respectively. Relative humidity of the district was around 80-75%. **According to NDVI map (13.05.2020 to 19.05.2020) the agriculture vigor was less over maximum blocks, whereas according to SPI value (cumulative 4weeks-23April 2020 to 20May 2020), moderately wet condition was there.**

**Forecasted period: 27<sup>th</sup> May 2020 to 31<sup>st</sup> May 2020**

**Weather advisory:** No rainfall is forecasted for upcoming 5 days. The day temperature will 36-39°C and night temperature will be 26-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 78-86% and 22-42% respectively. There will be partly cloudy to overcast sky for next 5 days.

Block	Banki-Dampara(VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	27/05/2020	28/05/2020	29/05/2020	30/05/2020	31/05/2020
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	36	36	39	38	38
T-Min(°C)	27	27	27	26	27
Cloud Cover(octa)	3	1	2	2	3
RH Max (%)	81	78	85	86	82
RH Min (%)	40	40	22	42	26
Wind Speed (Kmph)	27	26	20	22	20
Wind Direction (deg)	198	204	203	201	198

**Agromet Advisory**

**SUMMER PLOUGHING:** Go for summer ploughing at places receiving soaking rainfall to reduce weed infestation, to destroy eggs and larvae of hibernated soil insects and to increase soil profile recharge.

Collect the following paddy seeds from Govt. Sales Centre. **Extra early-** Nabanna, Kaling-3, **Early-** Sahabhagi, Shatabdi, Mandakini, Khandagiri, Bandana, Pathara, Parijat, Annada. **Medium-** Bina -11, Swarna, Pratibha, MTU- 1001, MTU-1010, Konark, Gajapati, Surendra, Lalat. **Late-** CR-1009, CR-1018, Hasant, Indravati, Mahanadi, Puja, Ramachandi, Kanchana, Sarala, **Fine-** CR-1014, BPT-5204.

**GREEN MANURING:** Optimum time for sowing of green manuring crops like Sesbania and sunhemp in the areas receiving convectional rain. Green manuring crops are sown in medium and low land condition at 6-8 weeks before transplanting of rice. Use 10 kg seeds of Sesbania per acre.. Apply all the recommended dose of phosphorous of rice (100 kg of SSP) to the field during sowing time. Incorporate the green manuring plant at 6-8 week stage for better decomposition before transplanting. It adds 6-7 tons of green matter and in turn 25-30 kg of N to the succeeding rice crop per ha.

**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.

**VEGETABLES AND FRUITS:**

- **Fruit and shoot borer in Brinjal-** Spray Neem based pesticide 1500ppm@600ml/acre at initial stages. Later on go for alternate spray of Spinosad 45%SC@70ml/acre and Thiodicarb@300g/acre at 15 days interval.
- Due to Past rain, Chances of **fruit rot** infestation in **chilli and brinjal**, if observe spray Carbendazim 50% WP @ 2 g/litre of water or Copper oxychloride 50% WP @ 3 g/litre of water. If necessary spray second and third round at 15 days interval.
- After cessation of rain, **downy mildew disease** will appear in **cucurbits**. To control it, go for alternate spray of Metalaxyl+Mancozeb@2g/litre and Azoxystrobin+Tebuconazole @0.6g/litre of water at 10 days interval.
- **Rust** disease is likely to appear in **Cowpea**. Spay Chlorothalonil@2g/litre of water.
- Incidence of **thrips** may observe in **chilli**, if observe spray Spinosad 45% SC @ 0.4 ml/litre of water or Imidacloprid 17.8% SL @ 0.3 ml/litre of water in clear and dry weather.
- **Wilting** may observe in **tomato and brinjal** field, to control it drenching with Copper oxychloride 50% WP @ 3 g + Plantomycin @ 1 g/litre of water.
- Present weather may aggravate **fruit and vine rot** (symptoms: leaf spot, leaf blight, stem rot, fruit rot) of **pointed gourd**. If observe remove damaged fruit and vines from the field and should not be kept in and around the field. Spray alternately Copper Oxychloride 50% WP @ 3 g/litre of water and Metalaxyl 8% + Mancozeb 64% @ 2.5 g/litre of water in clear and dry weather.

**Pumpkin beetle** is an important pest found in **pumpkin**. To control this apply Carbaryl (0.4kg/acre) or Malathion (2kg/acre). Destroy the old and infested plants. Current weather favours spread of **YMV** in **Ladies finger**. In case of appearance of diseases, rogue out affected plants and spray Thiomethoxam 25WG @ 60g/acre.

**Animal Husbandry:** Outside grazing of animals should not be allowed between 11AM to 3 pm. Water should be sprayed on the roof and interior areas of house to avoid heat stress to birds. Put gunny bags on walls and spray water to keep the shed cool.

**Monsoon Forecast:** This year, the onset of southwest monsoon over Kerala this year is likely to be slightly delayed as compared to normal date of onset. The monsoon onset over Kerala this year is likely to be on 5th June with a model error of ± 4 days.

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AGROMET ADVISORY BULLETIN FOR BARANGA

District Past week weather condition

The district received 72 mm rainfall during the last week. The mean daily maximum and minimum temperature was 34°C and 25°C, respectively. Relative humidity of the district was around 80-75%. **According to NDVI map (13.05.2020 to 19.05.2020) the agriculture vigor was less over maximum blocks, whereas according to SPI value (cumulative 4weeks-23April 2020 to 20May 2020), moderately wet condition was there.**

Forecasted period: 27<sup>th</sup> May 2020 to 31<sup>st</sup> May 2020

**Weather advisory:** Very Light rainfall is forecasted for Saturday. The day temperature will 34-38°C and night temperature will be 27-28°C for upcoming 5 days. Maximum and minimum relative humidity will be 81-85% and 29-51% respectively. There will be partly cloudy to overcast sky for next 5 days. **As wind speed will be above 30Kmph for today and tomorrow in the block, farmers should stop their fertilizer application in those days and after that they will resume the activity.**

Block	Baranga(VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	27/05/2020	28/05/2020	29/05/2020	30/05/2020	31/05/2020
Rainfall(mm)	0	0	0	0	2
T-Max(°C)	34	35	38	37	37
T-Min(°C)	27	28	28	27	28
Cloud Cover	3	1	3	2	3
RH Max (%)	83	81	84	85	82
RH Min (%)	51	49	29	48	33
Wind Speed (Kmph)	32	32	26	27	25
Wind Direction (deg)	203	203	204	201	203

Agromet Advisory

**SUMMER PLOUGHING:** Go for summer ploughing at places receiving soaking rainfall to reduce weed infestation, to destroy eggs and larvae of hibernated soil insects and to increase soil profile recharge.

Collect the following paddy seeds from Govt. Sales Centre. **Extra early-** Nabanna, Kaling-3, **Early-** Sahabhazi, Shatabdi, Mandakini, Khandagiri, Bandana, Pathara, Parijat, Annada. **Medium-** Bina -11, Swarna, Pratibha, MTU- 1001, MTU-1010, Konark, Gajapati, Surendra, Lalat. **Late-** CR-1009, CR-1018, Hasant, Indravati, Mahanadi, Puja, Ramachandi, Kanchana, Sarala, **Fine-** CR-1014, BPT-5204.

**GREEN MANURING:** Optimum time for sowing of green manuring crops like Sesbania and sunhemp in the areas receiving convectional rain. Green manuring crops are sown in medium and low land condition at 6-8 weeks before transplanting of rice. Use 10 kg seeds of Sesbania per acre.. Apply all the recommended dose of phosphorous of rice (100 kg of SSP) to the field during sowing time. Incorporate the green manuring plant at 6-8 week stage for better decomposition before transplanting. It adds 6-7 tons of green matter and in turn 25-30 kg of N to the succeeding rice crop per ha.

**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.

**VEGETABLES AND FRUITS:**

- **Fruit and shoot borer** in **Brinjal**- Spray Neem based pesticide 1500ppm@600ml/acre at initial stages. Later on go for alternate spray of Spinosad 45%SC@70ml/acre and Thiodicarb@300g/acre at 15 days interval.
- Due to Past rain, Chances of **fruit rot** infestation in **chilli and brinjal**, if observe spray Carbendazim 50% WP @ 2 g/litre of water or Copper oxychloride 50% WP @ 3 g/litre of water. If necessary spray second and third round at 15 days interval.
- After cessation of rain, **downy mildew disease** will appear in **cucurbits**. To control it, go for alternate spray of Metalaxyl+Mancozeb@2g/litre and Azoxystrobin+Tebuconazole @0.6g/litre of water at 10 days interval.
- **Rust** disease is likely to appear in **Cowpea**. Spray Chlorothalonil@2g/litre of water.
- Incidence of **thrips** may observe in **chilli**, if observe spray Spinosad 45% SC @ 0.4 ml/litre of water or Imidacloprid 17.8% SL @ 0.3 ml/litre of water in clean and dry weather.
- **Wilting** may observe in **tomato and brinjal** field, to control it drenching with Copper oxychloride 50% WP @ 3 g + Plantomycin @ 1 g/litre of water.
- Present weather may aggravate **fruit and vine rot** (symptoms: leaf spot, leaf blight, stem rot, fruit rot) of **pointed gourd**. If observe remove damaged fruit and vines from the field and should not be kept in and around the field. Spray alternately Copper Oxychloride 50% WP @ 3 g/litre of water and Metalaxyl 8% + Mancozeb 64% @ 2.5 g/litre of water in clear and dry weather.

**Pumpkin beetle** is an important pest found in **pumpkin**. To control this apply Carbaryl (0.4kg/acre) or Malathion (2kg/acre). Destroy the old and infested plants. Current weather favours spread of **YMV** in **Ladies finger**. In case of appearance of diseases, rogue out affected plants and spray Thiomethoxam 25WG @ 60g/acre.

**Animal Husbandry:** Outside grazing of animals should not be allowed between 11AM to 3 pm. Water should be sprayed on the roof and interior areas of house to avoid heat stress to birds. Put gunny bags on walls and spray water to keep the shed cool.

**Monsoon Forecast:** This year, the onset of southwest monsoon over Kerala this year is likely to be slightly delayed as compared to normal date of onset. The monsoon onset over Kerala this year is likely to be on 5th June with a model error of ± 4 days.

**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-92**  
**Date-26.05.2020**

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

The district received 72 mm rainfall during the last week. The mean daily maximum and minimum temperature was 34°C and 25°C, respectively. Relative humidity of the district was around 80-75%. **According to NDVI map (13.05.2020 to 19.05.2020) the agriculture vigor was less over maximum blocks, whereas according to SPI value (cumulative 4weeks-23April 2020 to 20May 2020), moderately wet condition was there.**

**Forecasted period: 27<sup>th</sup> May 2020 to 31<sup>st</sup> May 2020**

**Weather advisory:** Very Light rainfall is forecasted for Saturday. The day temperature will 35-38°C and night temperature will be 27-28°C for upcoming 5 days. Maximum and minimum relative humidity will be 80-85% and 26-45% respectively. There will be partly cloudy to overcast sky for next 5 days. **As wind speed will be above 30Kmph for today and tomorrow in the block, farmers should stop their fertilizer application in those days and after that they will resume the activity.**

Block	Cuttack sadar (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	27/05/2020	28/05/2020	29/05/2020	30/05/2020	31/05/2020
Rainfall(mm)	0	0	0	0	3
T-Max(°C)	35	36	38	38	37
T-Min(°C)	27	28	28	27	28
Cloud Cover(octa)	3	0	3	2	3
RH Max (%)	82	80	84	85	81
RH Min (%)	45	45	26	44	28
Wind Speed (Kmph)	32	30	23	25	22
Wind Direction (deg)	203	203	204	198	201

**Agromet Advisory**

**SUMMER PLOUGHING:** Go for summer ploughing at places receiving soaking rainfall to reduce weed infestation, to destroy eggs and larvae of hibernated soil insects and to increase soil profile recharge.

Collect the following paddy seeds from Govt. Sales Centre. **Extra early-** Nabanna, Kaling-3, **Early-** Sahabhagi, Shatabdi, Mandakini, Khandagiri, Bandana, Pathara, Parijat, Annada. **Medium-** Bina -11, Swarna, Pratibha, MTU- 1001, MTU-1010, Konark, Gajapati, Surendra, Lalat. **Late-** CR-1009, CR-1018, Hasant, Indravati, Mahanadi, Puja, Ramachandi, Kanchana, Sarala, **Fine-** CR-1014, BPT-5204.

**GREEN MANURING:** Optimum time for sowing of green manuring crops like Sesbania and sunhemp in the areas receiving convectional rain. Green manuring crops are sown in medium and low land condition at 6-8 weeks before transplanting of rice. Use 10 kg seeds of Sesbania per acre.. Apply all the recommended dose of phosphorous of rice (100 kg of SSP) to the field during sowing time. Incorporate the green manuring plant at 6-8 week stage for better decomposition before transplanting. It adds 6-7 tons of green matter and in turn 25-30 kg of N to the succeeding rice crop per ha.

**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.

**Sugarcane:** Due to ensuing heat condition after cyclone, provide frequent irrigation and trash mulching to reduce moisture loss due to evaporation. To minimize infestation of top shoot borer, spray Lamba cyhalothrin @2ml/litre of water.

**VEGETABLES AND FRUITS:**

- **Fruit and shoot borer** in **Brinjal**- Spray Neem based pesticide 1500ppm@600ml/acre at initial stages. Later on go for alternate spray of Spinosad 45%SC@70ml/acre and Thiodicarb@300g/acre at 15 days interval.
- Due to Past rain, Chances of **fruit rot** infestation in **chilli and brinjal**, if observe spray Carbendazim 50% WP @ 2 g/litre of water or Copper oxychloride 50% WP @ 3 g/litre of water. If necessary spray second and third round at 15 days interval.
- After cessation of rain, **downy mildew disease** will appear in **cucurbits**. To control it, go for alternate spray of Metalaxyl+Mancozeb@2g/litre and Azoxystrobin+Tebuconazole @0.6g/litre of water at 10 days interval.
- **Rust** disease is likely to appear in **Cowpea**. Spray Chlorothalonil@2g/litre of water.
- Incidence of **thrips** may observe in **chilli**, if observe spray Spinosad 45% SC @ 0.4 ml/litre of water or Imidacloprid 17.8% SL @ 0.3 ml/litre of water in clean and dry weather.
- **Wilting** may observe in **tomato and brinjal** field, to control it drenching with Copper oxychloride 50% WP @ 3 g + Plantomycin @ 1 g/litre of water.
- Present weather may aggravate **fruit and vine rot** (symptoms: leaf spot, leaf blight, stem rot, fruit rot) of **pointed gourd**. If observe remove damaged fruit and vines from the field and should not be kept in and around the field. Spray alternately Copper Oxychloride 50% WP @ 3 g/litre of water and Metalaxyl 8% + Mancozeb 64% @ 2.5 g/litre of water in clear and dry weather.

**Pumpkin beetle** is an important pest found in **pumpkin**. To control this apply Carbaryl (0.4kg/acre) or Malathion (2kg/acre). Destroy the old and infested plants. Current weather favours spread of **YMV** in **Ladies finger**. In case of appearance of diseases, rogue out affected plants and spray Thiomethoxam 25WG @ 60g/acre.

**Animal Husbandry:** Outside grazing of animals should not be allowed between 11AM to 3 pm. Water should be sprayed on the roof and interior areas of house to avoid heat stress to birds. Put gunny bags on walls and spray water to keep the shed cool.

**Monsoon Forecast:** This year, the onset of southwest monsoon over Kerala this year is likely to be slightly delayed as compared to normal date of onset. The monsoon onset over Kerala this year is likely to be on 5th June with a model error of ± 4 days.

**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-92**  
**Date-26.05.2020**

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

**District Past week weather condition**

The district received 72 mm rainfall during the last week. The mean daily maximum and minimum temperature was 34°C and 25°C, respectively. Relative humidity of the district was around 80-75%. **According to NDVI map (13.05.2020 to 19.05.2020) the agriculture vigor was less over maximum blocks, whereas according to SPI value (cumulative 4weeks-23April 2020 to 20May 2020), moderately wet condition was there.**

**Forecasted period: 27<sup>th</sup> May 2020 to 31<sup>st</sup> May 2020**

**Weather advisory:** Light rainfall is forecasted for Saturday. The day temperature will 33-37°C and night temperature will be 27-28°C for upcoming 5 days. Maximum and minimum relative humidity will be 81-84% and 33-57% respectively. There will be partly cloudy to overcast sky for next 5 days. **As wind speed will be above 30Kmph for today and tomorrow in the block, farmers should stop their fertilizer application in those days and after that they will resume the activity.**

Block	Kantapada (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	27/05/2020	28/05/2020	29/05/2020	30/05/2020	31/05/2020
Rainfall(mm)	0	0	0	0	5
T-Max(°C)	33	34	37	36	37
T-Min(°C)	27	28	28	27	28
Cloud Cover(octa)	3	1	3	3	3
RH Max (%)	82	81	83	84	83
RH Min (%)	57	52	33	49	42
Wind Speed (Kmph)	33	35	29	29	28
Wind Direction (deg)	203	203	204	201	203

**Agromet Advisory**

**SUMMER PLOUGHING:** Go for summer ploughing at places receiving soaking rainfall to reduce weed infestation, to destroy eggs and larvae of hibernated soil insects and to increase soil profile recharge.

Collect the following paddy seeds from Govt. Sales Centre. **Extra early-** Nabanna, Kaling-3, **Early-** Sahabhagi, Shatabdi, Mandakini, Khandagiri, Bandana, Pathara, Parijat, Annada. **Medium-** Bina -11, Swarna, Pratibha, MTU- 1001, MTU-1010, Konark, Gajapati, Surendra, Lalat. **Late-** CR-1009, CR-1018, Hasant, Indravati, Mahanadi, Puja, Ramachandi, Kanchana, Sarala, **Fine-** CR-1014, BPT-5204.

**GREEN MANURING:** Optimum time for sowing of green manuring crops like Sesbania and sunhemp in the areas receiving convectional rain. Green manuring crops are sown in medium and low land condition at 6-8 weeks before transplanting of rice. Use 10 kg seeds of Sesbania per acre.. Apply all the recommended dose of phosphorous of rice (100 kg of SSP) to the field during sowing time. Incorporate the green manuring plant at 6-8 week stage for better decomposition before transplanting. It adds 6-7 tons of green matter and in turn 25-30 kg of N to the succeeding rice crop per ha.

**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.

**Sugarcane:** Due to ensuing heat condition after cyclone, provide frequent irrigation and trash mulching to reduce moisture loss due to evaporation. To minimize infestation of top shoot borer, spray Lamba cyhalothrin @2ml/litre of water.

**VEGETABLES AND FRUITS:**

- **Fruit and shoot borer** in **Brinjal**- Spray Neem based pesticide 1500ppm@600ml/acre at initial stages. Later on go for alternate spray of Spinosad 45%SC@70ml/acre and Thiodicarb@300g/acre at 15 days interval.
- Due to Past rain, Chances of **fruit rot** infestation in **chilli and brinjal**, if observe spray Carbendazim 50% WP @ 2 g/litre of water or Copper oxychloride 50% WP @ 3 g/litre of water. If necessary spray second and third round at 15 days interval.
- After cessation of rain, **downy mildew disease** will appear in **cucurbits**. To control it, go for alternate spray of Metalaxyl+Mancozeb@2g/litre and Azoxystrobin+Tebuconazole @0.6g/litre of water at 10 days interval.
- **Rust** disease is likely to appear in **Cowpea**. Spray Chlorothalonil@2g/litre of water.
- Incidence of **thrips** may observe in **chilli**, if observe spray Spinosad 45% SC @ 0.4 ml/litre of water or Imidacloprid 17.8% SL @ 0.3 ml/litre of water in clean and dry weather.
- **Wilting** may observe in **tomato and brinjal** field, to control it drenching with Copper oxychloride 50% WP @ 3 g + Plantomycin @ 1 g/litre of water.
- Present weather may aggravate **fruit and vine rot** (symptoms: leaf spot, leaf blight, stem rot, fruit rot) of **pointed gourd**. If observe remove damaged fruit and vines from the field and should not be kept in and around the field. Spray alternately Copper Oxychloride 50% WP @ 3 g/litre of water and Metalaxyl 8% + Mancozeb 64% @ 2.5 g/litre of water in clear and dry weather.

**Pumpkin beetle** is an important pest found in **pumpkin**. To control this apply Carbaryl (0.4kg/acre) or Malathion (2kg/acre). Destroy the old and infested plants. Current weather favours spread of **YMV** in **Ladies finger**. In case of appearance of diseases, rogue out affected plants and spray Thiomethoxam 25WG @ 60g/acre.

**Animal Husbandry:** Outside grazing of animals should not be allowed between 11AM to 3 pm. Water should be sprayed on the roof and interior areas of house to avoid heat stress to birds. Put gunny bags on walls and spray water to keep the shed cool.

**Monsoon Forecast:** This year, the onset of southwest monsoon over Kerala this year is likely to be slightly delayed as compared to normal date of onset. The monsoon onset over Kerala this year is likely to be on 5th June with a model error of ± 4 days.

**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-92**  
**Date-26.05.2020**

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

**District Past week weather condition**

The district received 72 mm rainfall during the last week. The mean daily maximum and minimum temperature was 34°C and 25°C, respectively. Relative humidity of the district was around 80-75%. **According to NDVI map (13.05.2020 to 19.05.2020) the agriculture vigor was less over maximum blocks, whereas according to SPI value (cumulative 4weeks-23April 2020 to 20May 2020), moderately wet condition was there.**

**Forecasted period: 27<sup>th</sup> May 2020 to 31<sup>st</sup> May 2020**

**Weather advisory:** Very Light rainfall is forecasted for Saturday. The day temperature will 34-37°C and night temperature will be 27-28°C for upcoming 5 days. Maximum and minimum relative humidity will be 80-85% and 26-50% respectively. There will be partly cloudy to overcast sky for next 5 days. **As wind speed will be above 30Kmph for today and tomorrow in the block, farmers should stop their fertilizer application in those days and after that they will resume the activity.**

Block	Mahanga (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	27/05/2020	28/05/2020	29/05/2020	30/05/2020	31/05/2020
Rainfall(mm)	0	0	0	0	4
T-Max(°C)	34	36	37	37	36
T-Min(°C)	27	28	28	27	27
Cloud Cover(octal)	3	1	4	3	4
RH Max (%)	82	80	82	85	82
RH Min (%)	50	47	26	44	36
Wind Speed (Kmph)	31	33	25	25	23
Wind Direction (deg)	203	203	203	201	201

**Agromet Advisory**

**SUMMER PLOUGHING:** Go for summer ploughing at places receiving soaking rainfall to reduce weed infestation, to destroy eggs and larvae of hibernated soil insects and to increase soil profile recharge.

Collect the following paddy seeds from Govt. Sales Centre. **Extra early-** Nabanna, Kaling-3, **Early-** Sahabhazi, Shatabdi, Mandakini, Khandagiri, Bandana, Pathara, Parijat, Annada. **Medium-** Bina -11, Swarna, Pratibha, MTU- 1001, MTU-1010, Konark, Gajapati, Surendra, Lalat. **Late-** CR-1009, CR-1018, Hasant, Indravati, Mahanadi, Puja, Ramachandi, Kanchana, Sarala, **Fine-** CR-1014, BPT-5204.

**GREEN MANURING:** Optimum time for sowing of green manuring crops like Sesbania and sunhemp in the areas receiving convectional rain. Green manuring crops are sown in medium and low land condition at 6-8 weeks before transplanting of rice. Use 10 kg seeds of Sesbania per acre.. Apply all the recommended dose of phosphorous of rice (100 kg of SSP) to the field during sowing time. Incorporate the green manuring plant at 6-8 week stage for better decomposition before transplanting. It adds 6-7 tons of green matter and in turn 25-30 kg of N to the succeeding rice crop per ha.

**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.

**Sugarcane:** Due to ensuing heat condition after cyclone, provide frequent irrigation and trash mulching to reduce moisture loss due to evaporation. To minimize infestation of top shoot borer, spray Lamba cyhalothrin @2ml/litre of water.

**VEGETABLES AND FRUITS:**

- **Fruit and shoot borer** in **Brinjal**- Spray Neem based pesticide 1500ppm@600ml/acre at initial stages. Later on go for alternate spray of Spinosad 45%SC@70ml/acre and Thiodicarb@300g/acre at 15 days interval.
- Due to Past rain, Chances of **fruit rot** infestation in **chilli and brinjal**, if observe spray Carbendazim 50% WP @ 2 g/litre of water or Copper oxychloride 50% WP @ 3 g/litre of water. If necessary spray second and third round at 15 days interval.
- After cessation of rain, **downy mildew disease** will appear in **cucurbits**. To control it, go for alternate spray of Metalaxyl+Mancozeb@2g/litre and Azoxystrobin+Tebuconazole @0.6g/litre of water at 10 days interval.
- **Rust** disease is likely to appear in **Cowpea**. Spray Chlorothalonil@2g/litre of water.
- Incidence of **thrips** may observe in **chilli**, if observe spray Spinosad 45% SC @ 0.4 ml/litre of water or Imidacloprid 17.8% SL @ 0.3 ml/litre of water in clean and dry weather.
- **Wilting** may observe in **tomato and brinjal** field, to control it drenching with Copper oxychloride 50% WP @ 3 g + Plantomycin @ 1 g/litre of water.
- Present weather may aggravate **fruit and vine rot** (symptoms: leaf spot, leaf blight, stem rot, fruit rot) of **pointed gourd**. If observe remove damaged fruit and vines from the field and should not be kept in and around the field. Spray alternately Copper Oxychloride 50% WP @ 3 g/litre of water and Metalaxyl 8% + Mancozeb 64% @ 2.5 g/litre of water in clear and dry weather.

**Pumpkin beetle** is an important pest found in **pumpkin**. To control this apply Carbaryl (0.4kg/acre) or Malathion (2kg/acre). Destroy the old and infested plants. Current weather favours spread of **YMV** in **Ladies finger**. In case of appearance of diseases, rogue out affected plants and spray Thiomethoxam 25WG @ 60g/acre.

**Animal Husbandry:** Outside grazing of animals should not be allowed between 11AM to 3 pm. Water should be sprayed on the roof and interior areas of house to avoid heat stress to birds. Put gunny bags on walls and spray water to keep the shed cool.

**Monsoon Forecast:** This year, the onset of southwest monsoon over Kerala this year is likely to be slightly delayed as compared to normal date of onset. The monsoon onset over Kerala this year is likely to be on 5th June with a model error of ± 4 days.

**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-92**  
**Date-26.05.2020**

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

**District Past week weather condition**

The district received 72 mm rainfall during the last week. The mean daily maximum and minimum temperature was 34°C and 25°C, respectively. Relative humidity of the district was around 80-75%. **According to NDVI map (13.05.2020 to 19.05.2020) the agriculture vigor was less over maximum blocks, whereas according to SPI value (cumulative 4weeks-23April 2020 to 20May 2020), moderately wet condition was there.**

**Forecasted period: 27<sup>th</sup> May 2020 to 31<sup>st</sup> May 2020**

**Weather advisory:** No rainfall is forecasted for upcoming 5 days. The day temperature will 36-39°C and night temperature will be 26-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 78-86% and 14-23% respectively. There will be partly cloudy to overcast sky for next 5 days.

Block	Narasinghpur (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	27/05/2020	28/05/2020	29/05/2020	30/05/2020	31/05/2020
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	36	36	39	38	37
T-Min(°C)	26	27	27	26	26
Cloud Cover(/octa)	3	1	2	1	2
RH Max (%)	83	78	86	78	86
RH Min (%)	22	23	14	21	17
Wind Speed (Kmph)	12	14	10	12	9
Wind Direction (deg)	193	203	180	191	161

**Agromet Advisory**

**SUMMER PLOUGHING:** Go for summer ploughing at places receiving soaking rainfall to reduce weed infestation, to destroy eggs and larvae of hibernated soil insects and to increase soil profile recharge.

Collect the following paddy seeds from Govt. Sales Centre. **Extra early-** Nabanna, Kaling-3, **Early-** Sahabhazi, Shatabdi, Mandakini, Khandagiri, Bandana, Pathara, Parijat, Annada. **Medium-** Bina -11, Swarna, Pratibha, MTU- 1001, MTU-1010, Konark, Gajapati, Surendra, Lalat. **Late-** CR-1009, CR-1018, Hasant, Indravati, Mahanadi, Puja, Ramachandi, Kanchana, Sarala, **Fine-** CR-1014, BPT-5204.

**GREEN MANURING:** Optimum time for sowing of green manuring crops like Sesbania and sunhemp in the areas receiving convectional rain. Green manuring crops are sown in medium and low land condition at 6-8 weeks before transplanting of rice. Use 10 kg seeds of Sesbania per acre.. Apply all the recommended dose of phosphorous of rice (100 kg of SSP) to the field during sowing time. Incorporate the green manuring plant at 6-8 week stage for better decomposition before transplanting. It adds 6-7 tons of green matter and in turn 25-30 kg of N to the succeeding rice crop per ha.

**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.

**VEGETABLES AND FRUITS:**

- **Fruit and shoot borer** in **Brinjal**- Spray Neem based pesticide 1500ppm@600ml/acre at initial stages. Later on go for alternate spray of Spinosad 45%SC@70ml/acre and Thiodicarb@300g/acre at 15 days interval.
- Due to Past rain, Chances of **fruit rot** infestation in **chilli and brinjal**, if observe spray Carbendazim 50% WP @ 2 g/litre of water or Copper oxychloride 50% WP @ 3 g/litre of water. If necessary spray second and third round at 15 days interval.
- After cessation of rain, **downy mildew disease** will appear in **cucurbits**. To control it, go for alternate spray of Metalaxyl+Mancozeb@2g/litre and Azoxystrobin+Tebuconazole @0.6g/litre of water at 10 days interval.
- **Rust** disease is likely to appear in **Cowpea**. Spray Chlorothalonil@2g/litre of water.
- Incidence of **thrips** may observe in **chilli**, if observe spray Spinosad 45% SC @ 0.4 ml/litre of water or Imidacloprid 17.8% SL @ 0.3 ml/litre of water in clean and dry weather.
- **Wilting** may observe in **tomato and brinjal** field, to control it drenching with Copper oxychloride 50% WP @ 3 g + Plantomycin @ 1 g/litre of water.
- Present weather may aggravate **fruit and vine rot** (symptoms: leaf spot, leaf blight, stem rot, fruit rot) of **pointed gourd**. If observe remove damaged fruit and vines from the field and should not be kept in and around the field. Spray alternately Copper Oxychloride 50% WP @ 3 g/litre of water and Metalaxyl 8% + Mancozeb 64% @ 2.5 g/litre of water in clear and dry weather.

**Pumpkin beetle** is an important pest found in **pumpkin**. To control this apply Carbaryl (0.4kg/acre) or Malathion (2kg/acre). Destroy the old and infested plants. Current weather favours spread of **YMV** in **Ladies finger**. In case of appearance of diseases, rogue out affected plants and spray Thiomethoxam 25WG @ 60g/acre.

**Animal Husbandry:** Outside grazing of animals should not be allowed between 11AM to 3 pm. Water should be sprayed on the roof and interior areas of house to avoid heat stress to birds. Put gunny bags on walls and spray water to keep the shed cool.

**Monsoon Forecast:** This year, the onset of southwest monsoon over Kerala this year is likely to be slightly delayed as compared to normal date of onset. The monsoon onset over Kerala this year is likely to be on 5th June with a model error of ± 4 days.

**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-92**  
**Date-26.05.2020**

E-mail: kvkcuttack@gmail.com

**AGROMET ADVISORY BULLETIN FOR NIALI**

**District Past week weather condition**

The district received 72 mm rainfall during the last week. The mean daily maximum and minimum temperature was 34°C and 25°C, respectively. Relative humidity of the district was around 80-75%. **According to NDVI map (13.05.2020 to 19.05.2020) the agriculture vigor was less over maximum blocks, whereas according to SPI value (cumulative 4weeks-23April 2020 to 20May 2020), moderately wet condition was there.**

**Forecasted period: 27<sup>th</sup> May 2020 to 31<sup>st</sup> May 2020**

**Weather advisory:** Light rainfall is forecasted for Saturday. The day temperature will 33-36°C and night temperature will be 27-28°C for upcoming 5 days. Maximum and minimum relative humidity will be 82-85% and 37-61% respectively. There will be partly cloudy to overcast sky for next 5 days. **As wind speed will be above 30Kmph for today and tomorrow in the block, farmers should stop their fertilizer application in those days and after that they will resume the activity.**

Block	Niali (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	27/05/2020	28/05/2020	29/05/2020	30/05/2020	31/05/2020
Rainfall(mm)	0	0	0	0	5
T-Max(°C)	33	34	36	36	36
T-Min(°C)	27	28	28	27	27
Cloud Cover(octa)	3	0	3	3	3
RH Max (%)	82	82	84	85	83
RH Min (%)	61	57	37	51	48
Wind Speed(Kmph)	33	36	29	29	28
Wind Direction(deg)	203	203	204	201	203

**Agromet Advisory**

**SUMMER PLOUGHING:** Go for summer ploughing at places receiving soaking rainfall to reduce weed infestation, to destroy eggs and larvae of hibernated soil insects and to increase soil profile recharge.

Collect the following paddy seeds from Govt. Sales Centre. **Extra early-** Nabanna, Kaling-3, **Early-** Sahabghi, Shatabdi, Mandakini, Khandagiri, Bandana, Pathara, Parijat, Annada . **Medium-** Bina -11, Swarna, Pratibha, MTU- 1001, MTU-1010, Konark, Gajapati, Surendra, Lalat . **Late-** CR-1009, CR-1018, Hasant, Indravati, Mahanadi, Puja, Ramachandi, Kanchana, Sarala, **Fine-** CR-1014, BPT-5204.

**GREEN MANURING:** Optimum time for sowing of green manuring crops like Sesbania and sunhemp in the areas receiving convectional rain . Green manuring crops are sown in medium and low land condition at 6-8 weeks before transplanting of rice. Use 10 kg seeds of Sesbania per acre.. Apply all the recommended dose of phosphorous of rice (100 kg of SSP) to the field during sowing time. Incorporate the green manuring plant at 6-8 week stage for better decomposition before transplanting. It adds 6-7 tons of green matter and in turn 25-30 kg of N to the succeeding rice crop per ha.

**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.

**Sugarcane:** Due to ensuing heat condition after cyclone, provide frequent irrigation and trash mulching to reduce moisture loss due to evaporation. To minimize infestation of top shoot borer, spray Lamba cyhalothrin @2ml/litre of water.

**VEGETABLES AND FRUITS:**

- **Fruit and shoot borer** in **Brinjal**- Spray Neem based pesticide 1500ppm@600ml/acre at initial stages. Later on go for alternate spray of Spinosad 45%SC@70ml/acre and Thiodicarb@300g/acre at 15 days interval.
- Due to Past rain, Chances of **fruit rot** infestation in **chilli and brinjal**, if observe spray Carbendazim 50% WP @ 2 g/litre of water or Copper oxychloride 50% WP @ 3 g/litre of water. If necessary spray second and third round at 15 days interval.
- After cessation of rain, **downy mildew disease** will appear in **cucurbits**. To control it, go for alternate spray of Metalaxyl+Mancozeb@2g/litre and Azoxystrobin+Tebuconazole @0.6g/litre of water at 10 days interval.
- **Rust** disease is likely to appear in **Cowpea**. Spray Chlorothalonil@2g/litre of water.
- Incidence of **thrips** may observe in **chilli**, if observe spray Spinosad 45% SC @ 0.4 ml/litre of water or Imidacloprid 17.8% SL @ 0.3 ml/litre of water in clean and dry weather. **Wilting** may observe in **tomato and brinjal** field, to control it drenching with Copper oxychloride 50% WP @ 3 g + Plantomycin @ 1 g/litre of water.
- Present weather may aggravate **fruit and vine rot** (symptoms: leaf spot, leaf blight, stem rot, fruit rot) of **pointed gourd**. If observe remove damaged fruit and vines from the field and should not be kept in and around the field. Spray alternately Copper Oxychloride 50% WP @ 3 g/litre of water and Metalaxyl 8% + Mancozeb 64% @ 2.5 g/litre of water in clear and dry weather.

**Pumpkin beetle** is an important pest found in **pumpkin**. To control this apply Carbaryl (0.4kg/acre) or Malathion (2kg/acre). Destroy the old and infested plants. Current weather favours spread of **YMV** in **Ladies finger**. In case of appearance of diseases, rogue out affected plants and spray Thiomethoxam 25WG @ 60g/acre. **Animal Husbandry:** Outside grazing of animals should not be allowed between 11AM to 3 pm. Water should be sprayed on the roof and interior areas of house to avoid heat stress to birds. Put gunny bags on walls and spray water to keep the shed cool.

**Monsoon Forecast:** This year, the onset of southwest monsoon over Kerala this year is likely to be slightly delayed as compared to normal date of onset. The monsoon onset over Kerala this year is likely to be on 5th June with a model error of ± 4 days.

**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-92**  
**Date-26.05.2020**

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

**District Past week weather condition**

The district received 72 mm rainfall during the last week. The mean daily maximum and minimum temperature was 34°C and 25°C, respectively. Relative humidity of the district was around 80-75%. **According to NDVI map (13.05.2020 to 19.05.2020) the agriculture vigor was less over maximum blocks, whereas according to SPI value (cumulative 4weeks-23April 2020 to 20May 2020), moderately wet condition was there.**

**Forecasted period: 27<sup>th</sup> May 2020 to 31<sup>st</sup> May 2020**

**Weather advisory:** Light rainfall is forecasted for Saturday. The day temperature will 34-37°C and night temperature will be 27-28°C for upcoming 5 days. Maximum and minimum relative humidity will be 81-85% and 30-53% respectively. There will be partly cloudy to overcast sky for next 5 days. **As wind speed will be above 30Kmph for today and tomorrow in the block, farmers should stop their fertilizer application in those days and after that they will resume the activity.**

Block	Nischintakoili (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	27/05/2020	28/05/2020	29/05/2020	30/05/2020	31/05/2020
Rainfall(mm)	0	0	0	0	5
T-Max(°C)	34	35	37	36	36
T-Min(°C)	27	28	28	27	27
Cloud Cover(octa)	3	1	4	3	4
RH Max (%)	82	81	82	85	83
RH Min (%)	53	49	30	46	37
Wind Speed (Kmph)	31	34	25	26	24
Wind Direction (deg)	203	203	203	201	203

**Agromet Advisory**

**SUMMER PLOUGHING:** Go for summer ploughing at places receiving soaking rainfall to reduce weed infestation, to destroy eggs and larvae of hibernated soil insects and to increase soil profile recharge.

Collect the following paddy seeds from Govt. Sales Centre. **Extra early-** Nabanna, Kaling-3, **Early-** Sahabhazi, Shatabdi, Mandakini, Khandagiri, Bandana, Pathara, Parijat, Annada . **Medium-** Bina -11, Swarna, Pratibha, MTU- 1001, MTU-1010, Konark, Gajapati, Surendra, Lalat . **Late-** CR-1009, CR-1018, Hasant, Indravati, Mahanadi, Puja, Ramachandi, Kanchana, Sarala, **Fine-** CR-1014, BPT-5204.

**GREEN MANURING:** Optimum time for sowing of green manuring crops like Sesbania and sunhemp in the areas receiving convectional rain . Green manuring crops are sown in medium and low land condition at 6-8 weeks before transplanting of rice. Use 10 kg seeds of Sesbania per acre.. Apply all the recommended dose of phosphorous of rice (100 kg of SSP) to the field during sowing time. Incorporate the green manuring plant at 6-8 week stage for better decomposition before transplanting. It adds 6-7 tons of green matter and in turn 25-30 kg of N to the succeeding rice crop per ha.

**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.

**Sugarcane:** Due to ensuing heat condition after cyclone, provide frequent irrigation and trash mulching to reduce moisture loss due to evaporation. To minimize infestation of top shoot borer, spray Lambda cyhalothrin @2ml/litre of water.

**VEGETABLES AND FRUITS:**

- **Fruit and shoot borer** in **Brinjal**- Spray Neem based pesticide 1500ppm@600ml/acre at initial stages. Later on go for alternate spray of Spinosad 45%SC@70ml/acre and Thiodicarb@300g/acre at 15 days interval.
- Due to Past rain, Chances of **fruit rot** infestation in **chilli and brinjal**, if observe spray Carbendazim 50% WP @ 2 g/litre of water or Copper oxychloride 50% WP @ 3 g/litre of water. If necessary spray second and third round at 15 days interval.
- After cessation of rain, **downy mildew disease** will appear in **cucurbits**. To control it, go for alternate spray of Metalaxyl+Mancozeb@2g/litre and Azoxystrobin+Tebuconazole @0.6g/litre of water at 10 days interval.
- **Rust** disease is likely to appear in **Cowpea**. Spray Chlorothalonil@2g/litre of water.
- Incidence of **thrips** may observe in **chilli**, if observe spray Spinosad 45% SC @ 0.4 ml/litre of water or Imidacloprid 17.8% SL @ 0.3 ml/litre of water in clean and dry weather.
- **Wilting** may observe in **tomato and brinjal** field, to control it drenching with Copper oxychloride 50% WP @ 3 g + Plantomycin @ 1 g/litre of water.
- Present weather may aggravate **fruit and vine rot** (symptoms: leaf spot, leaf blight, stem rot, fruit rot) of **pointed gourd**. If observe remove damaged fruit and vines from the field and should not be kept in and around the field. Spray alternately Copper Oxychloride 50% WP @ 3 g/litre of water and Metalaxyl 8% + Mancozeb 64% @ 2.5 g/litre of water in clear and dry weather.

**Pumpkin beetle** is an important pest found in **pumpkin**. To control this apply Carbaryl (0.4kg/acre) or Malathion (2kg/acre). Destroy the old and infested plants. Current weather favours spread of **YMV** in **Ladies finger**. In case of appearance of diseases, rogue out affected plants and spray Thiomethoxam 25WG @ 60g/acre.

**Animal Husbandry:** Outside grazing of animals should not be allowed between 11AM to 3 pm. Water should be sprayed on the roof and interior areas of house to avoid heat stress to birds. Put gunny bags on walls and spray water to keep the shed cool.

**Monsoon Forecast:** This year, the onset of southwest monsoon over Kerala this year is likely to be slightly delayed as compared to normal date of onset. The monsoon onset over Kerala this year is likely to be on 5th June with a model error of ± 4 days.

**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-92**  
**Date-26.05.2020**

E-mail: kvkcuttack@gmail.com

**AGROMET ADVISORY BULLETIN FOR SALEPUR**

**District Past week weather condition**

The district received 72 mm rainfall during the last week. The mean daily maximum and minimum temperature was 34°C and 25°C, respectively. Relative humidity of the district was around 80-75%. **According to NDVI map (13.05.2020 to 19.05.2020) the agriculture vigor was less over maximum blocks, whereas according to SPI value (cumulative 4weeks-23April 2020 to 20May 2020), moderately wet condition was there.**

**Forecasted period: 27<sup>th</sup> May 2020 to 31<sup>st</sup> May 2020**

**Weather advisory:** Very Light rainfall is forecasted for Saturday. The day temperature will 34-37°C and night temperature will be 27-28°C for upcoming 5 days. Maximum and minimum relative humidity will be 81-85% and 28-51% respectively. There will be partly cloudy to overcast sky for next 5 days. **As wind speed will be above 30Kmph for today and tomorrow in the block, farmers should stop their fertilizer application in those days and after that they will resume the activity.**

Block	Salepur(VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	27/05/2020	28/05/2020	29/05/2020	30/05/2020	31/05/2020
Rainfall(mm)	0	0	0	0	3
T-Max(°C)	34	35	37	37	38
T-Min(°C)	27	28	28	27	27
Cloud Cover(octa)	3	1	4	3	4
RH Max (%)	82	81	82	85	82
RH Min (%)	51	49	28	46	35
Wind Speed (Kmph)	31	33	25	26	24
Wind Direction (deg)	203	203	203	201	203

**Agromet Advisory**

**SUMMER PLOUGHING:** Go for summer ploughing at places receiving soaking rainfall to reduce weed infestation, to destroy eggs and larvae of hibernated soil insects and to increase soil profile recharge.

Collect the following paddy seeds from Govt. Sales Centre. **Extra early-** Nabanna, Kaling-3, **Early-** Sahabhazi, Shatabdi, Mandakini, Khandagiri, Bandana, Pathara, Parijat, Annada . **Medium-** Bina -11, Swarna, Pratibha, MTU- 1001, MTU-1010, Konark, Gajapati, Surendra, Lalat . **Late-** CR-1009, CR-1018, Hasant, Indravati, Mahanadi, Puja, Ramachandi, Kanchana, Sarala, **Fine-** CR-1014, BPT-5204.

**GREEN MANURING:** Optimum time for sowing of green manuring crops like Sesbania and sunhemp in the areas receiving convectional rain . Green manuring crops are sown in medium and low land condition at 6-8 weeks before transplanting of rice. Use 10 kg seeds of Sesbania per acre.. Apply all the recommended dose of phosphorous of rice (100 kg of SSP) to the field during sowing time. Incorporate the green manuring plant at 6-8 week stage for better decomposition before transplanting. It adds 6-7 tons of green matter and in turn 25-30 kg of N to the succeeding rice crop per ha.

**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.

**VEGETABLES AND FRUITS:**

- **Fruit and shoot borer** in **Brinjal**- Spray Neem based pesticide 1500ppm@600ml/acre at initial stages. Later on go for alternate spray of Spinosad 45%SC@70ml/acre and Thiodicarb@300g/acre at 15 days interval.
- Due to Past rain, Chances of **fruit rot** infestation in **chilli and brinjal**, if observe spray Carbendazim 50% WP @ 2 g/litre of water or Copper oxychloride 50% WP @ 3 g/litre of water. If necessary spray second and third round at 15 days interval.
- After cessation of rain, **downy mildew disease** will appear in **cucurbits**. To control it, go for alternate spray of Metalaxyl+Mancozeb@2g/litre and Azoxystrobin+Tebuconazole @0.6g/litre of water at 10 days interval.
- **Rust** disease is likely to appear in **Cowpea**. Spray Chlorothalonil@2g/litre of water.
- Incidence of **thrips** may observe in **chilli**, if observe spray Spinosad 45% SC @ 0.4 ml/litre of water or Imidacloprid 17.8% SL @ 0.3 ml/litre of water in clean and dry weather.
- **Wilting** may observe in **tomato and brinjal** field, to control it drenching with Copper oxychloride 50% WP @ 3 g + Plantomycin @ 1 g/litre of water.
- Present weather may aggravate **fruit and vine rot** (symptoms: leaf spot, leaf blight, stem rot, fruit rot) of **pointed gourd**. If observe remove damaged fruit and vines from the field and should not be kept in and around the field. Spray alternately Copper Oxychloride 50% WP @ 3 g/litre of water and Metalaxyl 8% + Mancozeb 64% @ 2.5 g/litre of water in clear and dry weather.

**Pumpkin beetle** is an important pest found in **pumpkin**. To control this apply Carbaryl (0.4kg/acre) or Malathion (2kg/acre). Destroy the old and infested plants. Current weather favours spread of **YMV** in **Ladies finger**. In case of appearance of diseases, rogue out affected plants and spray Thiomethoxam 25WG @ 60g/acre.

**Animal Husbandry:** Outside grazing of animals should not be allowed between 11AM to 3 pm. Water should be sprayed on the roof and interior areas of house to avoid heat stress to birds. Put gunny bags on walls and spray water to keep the shed cool.

**Monsoon Forecast:** This year, the onset of southwest monsoon over Kerala this year is likely to be slightly delayed as compared to normal date of onset. The monsoon onset over Kerala this year is likely to be on 5th June with a model error of ± 4 days.

**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-92**  
**Date-26.05.2020**

E-mail: kvkcuttack@gmail.com

**AGROMET ADVISORY BULLETIN FOR TANGI-CHOUDWAR**

District Past week weather condition

The district received 72 mm rainfall during the last week. The mean daily maximum and minimum temperature was 34°C and 25°C, respectively. Relative humidity of the district was around 80-75%. **According to NDVI map (13.05.2020 to 19.05.2020) the agriculture vigor was less over maximum blocks, whereas according to SPI value (cumulative 4weeks-23April 2020 to 20May 2020), moderately wet condition was there.**

Forecasted period: 27<sup>th</sup> May 2020 to 31<sup>st</sup> May 2020

**Weather advisory:** Very Light rainfall is forecasted for Saturday. The day temperature will 33-38°C and night temperature will be 29-30°C for upcoming 5 days. Maximum and minimum relative humidity will be 82-89% and 48-68% respectively. There will be partly cloudy to overcast sky for next 5 days. **As wind speed will be above 30Kmph for today and tomorrow in the block, farmers should stop their fertilizer application in those days and after that they will resume the activity.**

Block	Tangi-Choudwar (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	27/05/2020	28/05/2020	29/05/2020	30/05/2020	31/05/2020
Date	27/05/2020	28/05/2020	29/05/2020	30/05/2020	31/05/2020
Rainfall(mm)	0	0	0	0	2
T-Max(°C)	33	34	38	35	35
T-Min(°C)	29	29	30	29	29
Cloud Cover(octa)	3	1	4	3	4
RH Max (%)	82	82	86	89	87
RH Min (%)	68	63	48	64	66
Wind Speed (Kmph)	34	38	28	28	28
Wind Direction (deg)	203	203	203	201	203

Agromet Advisory

**SUMMER PLOUGHING:** Go for summer ploughing at places receiving soaking rainfall to reduce weed infestation, to destroy eggs and larvae of hibernated soil insects and to increase soil profile recharge.

Collect the following paddy seeds from Govt. Sales Centre. **Extra early-** Nabanna, Kaling-3, **Early-** Sahabhazi, Shatabdi, Mandakini, Khandagiri, Bandana, Pathara, Parijat, Annada . **Medium-** Bina -11, Swarna, Pratibha, MTU- 1001, MTU-1010, Konark, Gajapati, Surendra, Lalat . **Late-** CR-1009, CR-1018, Hasant, Indravati, Mahanadi, Puja, Ramachandi, Kanchana, Sarala, **Fine-** CR-1014, BPT-5204.

**GREEN MANURING:** Optimum time for sowing of green manuring crops like Sesbania and sunhemp in the areas receiving convectional rain . Green manuring crops are sown in medium and low land condition at 6-8 weeks before transplanting of rice. Use 10 kg seeds of Sesbania per acre.. Apply all the recommended dose of phosphorous of rice (100 kg of SSP) to the field during sowing time. Incorporate the green manuring plant at 6-8 week stage for better decomposition before transplanting. It adds 6-7 tons of green matter and in turn 25-30 kg of N to the succeeding rice crop per ha.

**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.

**VEGETABLES AND FRUITS:**

- **Fruit and shoot borer** in **Brinjal-** Spray Neem based pesticide 1500ppm@600ml/acre at initial stages. Later on go for alternate spray of Spinosad 45%SC@70ml/acre and Thiodicarb@300g/acre at 15 days interval.
- Due to Past rain, Chances of **fruit rot** infestation in **chilli and brinjal**, if observe spray Carbendazim 50% WP @ 2 g/litre of water or Copper oxychloride 50% WP @ 3 g/litre of water. If necessary spray second and third round at 15 days interval.
- After cessation of rain, **downy mildew disease** will appear in **cucurbits**. To control it, go for alternate spray of Metalaxyl+Mancozeb@2g/litre and Azoxystrobin+Tebuconazole @0.6g/litre of water at 10 days interval.
- **Rust** disease is likely to appear in **Cowpea**. Spray Chlorothalonil@2g/litre of water.
- Incidence of **thrips** may observe in **chilli**, if observe spray Spinosad 45% SC @ 0.4 ml/litre of water or Imidacloprid 17.8% SL @ 0.3 ml/litre of water in clean and dry weather.
- **Wilting** may observe in **tomato and brinjal** field, to control it drenching with Copper oxychloride 50% WP @ 3 g + Plantomycin @ 1 g/litre of water.
- Present weather may aggravate **fruit and vine rot** (symptoms: leaf spot, leaf blight, stem rot, fruit rot) of **pointed gourd**. If observe remove damaged fruit and vines from the field and should not be kept in and around the field. Spray alternately Copper Oxychloride 50% WP @ 3 g/litre of water and Metalaxyl 8% + Mancozeb 64% @ 2.5 g/litre of water in clear and dry weather.

**Pumpkin beetle** is an important pest found in **pumpkin**. To control this apply Carbaryl (0.4kg/acre) or Malathion (2kg/acre). Destroy the old and infested plants. Current weather favours spread of **YMV** in **Ladies finger**. In case of appearance of diseases, rogue out affected plants and spray Thiomethoxam 25WG @ 60g/acre.

**Animal Husbandry:** Outside grazing of animals should not be allowed between 11AM to 3 pm. Water should be sprayed on the roof and interior areas of house to avoid heat stress to birds. Put gunny bags on walls and spray water to keep the shed cool.

**Monsoon Forecast:** This year, the onset of southwest monsoon over Kerala this year is likely to be slightly delayed as compared to normal date of onset. The monsoon onset over Kerala this year is likely to be on 5th June with a model error of ± 4 days.

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

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**DISTRICT AGROMET UNIT**  
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**Bulletin No-92**  
**Date-26.05.2020**

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**AGROMET ADVISORY BULLETIN FOR TIGIRIA**

**District Past week weather condition**

The district received 72 mm rainfall during the last week. The mean daily maximum and minimum temperature was 34°C and 25°C, respectively. Relative humidity of the district was around 80-75%. **According to NDVI map (13.05.2020 to 19.05.2020) the agriculture vigor was less over maximum blocks, whereas according to SPI value (cumulative 4weeks-23April 2020 to 20May 2020), moderately wet condition was there.**

**Forecasted period: 27<sup>th</sup> May 2020 to 31<sup>st</sup> May 2020**

**Weather advisory:** No rainfall is forecasted for upcoming 5 days. The day temperature will **36-38°C** and night temperature will be **26-28°C** for upcoming 5 days. Maximum and minimum relative humidity will be 76-86% and 19-35% respectively. There will be partly cloudy to overcast sky for next 5 days.

Block	Tigiria (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	27/05/2020	28/05/2020	29/05/2020	30/05/2020	31/05/2020
<b>Date</b>	27/05/2020	28/05/2020	29/05/2020	30/05/2020	31/05/2020
<b>Rainfall(mm)</b>	0	0	0	0	0
<b>T-Max(°C)</b>	36	36	38	37	37
<b>T-Min(°C)</b>	27	28	27	26	27
<b>Cloud Cover(octa)</b>	3	1	3	2	4
<b>RH Max (%)</b>	80	76	85	86	83
<b>RH Min (%)</b>	35	35	19	35	21
<b>Wind Speed (Kmph)</b>	25	23	17	20	16
<b>Wind Direction (deg)</b>	198	203	191	167	199

**Agromet Advisory**

**SUMMER PLOUGHING:** Go for summer ploughing at places receiving soaking rainfall to reduce weed infestation, to destroy eggs and larvae of hibernated soil insects and to increase soil profile recharge.

Collect the following paddy seeds from Govt. Sales Centre. **Extra early-** Nabanna, Kaling-3, **Early-** Sahabghai, Shatabdi, Mandakini, Khandagiri, Bandana, Pathara, Parijat, Annada . **Medium-** Bina -11, Swarna, Pratibha, MTU- 1001, MTU-1010, Konark, Gajapati, Surendra, Lalat . **Late-** CR-1009, CR-1018, Hasant, Indravati, Mahanadi, Puja, Ramachandi, Kanchana, Sarala, **Fine-** CR-1014, BPT-5204.

**GREEN MANURING:** Optimum time for sowing of green manuring crops like Sesbania and sunhemp in the areas receiving convectional rain . Green manuring crops are sown in medium and low land condition at 6-8 weeks before transplanting of rice. Use 10 kg seeds of Sesbania per acre.. Apply all the recommended dose of phosphorous of rice (100 kg of SSP) to the field during sowing time. Incorporate the green manuring plant at 6-8 week stage for better decomposition before transplanting. It adds 6-7 tons of green matter and in turn 25-30 kg of N to the succeeding rice crop per ha.

**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.

**VEGETABLES AND FRUITS:**

- **Fruit and shoot borer** in **Brinjal**- Spray Neem based pesticide 1500ppm@600ml/acre at initial stages. Later on go for alternate spray of Spinosad 45%SC@70ml/acre and Thiodicarb@300g/acre at 15 days interval.
- Due to Past rain, Chances of **fruit rot** infestation in **chilli and brinjal**, if observe spray Carbendazim 50% WP @ 2 g/litre of water or Copper oxychloride 50% WP @ 3 g/litre of water. If necessary spray second and third round at 15 days interval.
- After cessation of rain, **downy mildew disease** will appear in **cucurbits**. To control it, go for alternate spray of Metalaxyl+Mancozeb@2g/litre and Azoxystrobin+Tebuconazole @0.6g/litre of water at 10 days interval.
- **Rust** disease is likely to appear in **Cowpea**. Spray Chlorothalonil@2g/litre of water.
- Incidence of **thrips** may observe in **chilli**, if observe spray Spinosad 45% SC @ 0.4 ml/litre of water or Imidacloprid 17.8% SL @ 0.3 ml/litre of water in clean and dry weather.
- **Wilting** may observe in **tomato and brinjal** field, to control it drenching with Copper oxychloride 50% WP @ 3 g + Plantomycin @ 1 g/litre of water.
- Present weather may aggravate **fruit and vine rot** (symptoms: leaf spot, leaf blight, stem rot, fruit rot) of **pointed gourd**. If observe remove damaged fruit and vines from the field and should not be kept in and around the field. Spray alternately Copper Oxychloride 50% WP @ 3 g/litre of water and Metalaxyl 8% + Mancozeb 64% @ 2.5 g/litre of water in clear and dry weather.

**Pumpkin beetle** is an important pest found in **pumpkin**. To control this apply Carbaryl (0.4kg/acre) or Malathion (2kg/acre). Destroy the old and infested plants. Current weather favours spread of **YMV** in **Ladies finger**. In case of appearance of diseases, rogue out affected plants and spray Thiomethoxam 25WG @ 60g/acre.

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