



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



Bulletin No-94
Date-02.06.2020

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

District Past week weather condition

The district received 45 mm rainfall during the last week. The mean daily maximum and minimum temperature was 35°C and 24°C, respectively. Relative humidity of the district was around 87-73%. **According to NDVI map (20.05.2020 to 26.05.2020) the agriculture vigor was moderate over few blocks, whereas according to SPI value (cumulative 4weeks-30April 2020 to 27May 2020), moderately wet condition was there.**

Forecasted period: 03rd June 2020 to 07th June 2020

General advisory: Light to moderate rainfall is forecasted for today and upcoming 2 days. The day temperature will 33-37°C and night temperature will be 25-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 59-79% and 26-35% respectively. There will be partly cloudy to overcast sky for next 5days. **The Southwest Monsoon has set in over Kerala yesterday, the 1st June, 2020, coinciding with its normal date of onset over Kerala. Quantitatively, monsoon season rainfall for the country as a whole is likely to be 102% of the LPA with a model error of ±4%. Region wise, the season rainfall is likely to be 103% of LPA over Central India which includes Odisha, with a model error of ± 8 % As per extended range forecast of IMD, there will be near normal rainfall with thunderstorm activity is likely to occur in both the weeks(29th May,2020 to 11th June,2020) over most of the districts of odisha. So farmers are advised to go for dry sowing of direct seeded paddy now with pre monsoon showers of rain in up and medium land condition. Its optimum time for rice sowing in low land areas received good amount of rainfall. Complete direct sowing between June 1st week in low land.**

Block	Athagad (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	03/06/2020	04/06/2020	05/06/2020	06/06/2020	07/06/2020
Rainfall (mm)	12	10	2	0	0
T-Max (°C)	35	37	33	34	35
T-Min (°C)	25	25	26	26	26
Cloud Cover (octa)	4	6	8	6	5
RH Max (%)	79	75	69	66	59
RH Min (%)	35	29	35	29	26
Wind Speed (kmph)	18	9	14	15	15
Wind Direction (deg)	207	225	205	203	206

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. Nursery bed preparation may be done with pre-monsoon showers and get ready with seeds of kharif rice, short duration varieties. 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: In medium and low land, Dhaincha seeds @25kg/ha should be broadcasted as a pre kharif green manuring crop as the district has received some rainfall on 1st Jun. In uplands, sow Cowpea@25kg/ha or Guar@40kg/ha. Apply all phosphatic fertilizers of Kharif rice to these green manuring crops in advance.

Direct seeded kharif rice: Before sowing treat the seeds with 2 g Bavistin or 2.5 g Mancozeb/kg seeds to protect the crop from blast, Sheath blight, brown spot, sheath rot. Use 25 kg seeds per acre. Basal application of Phosphorus (P) and Potash (K) fertilizers is advisable.

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.
- **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.
- Current weather favours spread of **YMV** in **Ladies finger**. In case of appearance of diseases, rogue out affected plants and spray Thiometoxam 25WG @ 60g/acre.

Animal Husbandry: Provide sufficient clean drinking water to animals. Contact departmental personnel for vaccination. Keep the animal shed clean and dry.

Dr.Dilip Ranjan Sarangi
(Nodal officer)

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



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Date-02.06.2020

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

District Past week weather condition

The district received 45 mm rainfall during the last week. The mean daily maximum and minimum temperature was 35°C and 24°C, respectively. Relative humidity of the district was around 87-73%. **According to NDVI map (20.05.2020 to 26.05.2020) the agriculture vigor was moderate over few blocks, whereas according to SPI value (cumulative 4weeks-30April 2020 to 27May 2020), moderately wet condition was there.**

Forecasted period: 03rd June 2020 to 07th June 2020

General advisory: Light to moderate rainfall is forecasted for today and upcoming 2 days. The day temperature will 32-36°C and night temperature will be 24-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 55-79% and 25-36% respectively. There will be partly cloudy to overcast sky for next 5 days. **The Southwest Monsoon has set in over Kerala yesterday, the 1st June, 2020, coinciding with its normal date of onset over Kerala. Quantitatively, monsoon season rainfall for the country as a whole is likely to be 102% of the LPA with a model error of ±4%. Region wise, the season rainfall is likely to be 103% of LPA over Central India which includes Odisha, with a model error of ± 8 % As per extended range forecast of IMD, there will be near normal rainfall with thunderstorm activity is likely to occur in both the weeks (29th May, 2020 to 11th June, 2020) over most of the districts of odisha. So farmers are advised to go for dry sowing of direct seeded paddy now with pre monsoon showers of rain in up and medium land condition. Its optimum time for rice sowing in low land areas received good amount of rainfall. Complete direct sowing between June 1st week in low land.**

Block	Badamba (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	03/06/2020	04/06/2020	05/06/2020	06/06/2020	07/06/2020
Rainfall(mm)	14	11	2	0	0
T-Max(°C)	35	36	32	34	34
T-Min(°C)	24	24	25	26	26
Cloud Cover(octa)	4	7	8	6	5
RH Max (%)	79	75	67	61	55
RH Min (%)	32	26	36	29	25
Wind Speed (Kmph)	15	8	13	15	14
Wind Direction (deg)	198	270	214	203	214

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. Nursery bed preparation may be done with pre-monsoon showers and get ready with seeds of kharif rice, short duration varieties. 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: In medium and low land, Dhaincha seeds @25kg/ha should be broadcasted as a pre kharif green manuring crop as the district has received some rainfall on 1st Jun. In uplands, sow Cowpea @25kg/ha or Guar @40kg/ha. Apply all phosphatic fertilizers of Kharif rice to these green manuring crops in advance.

Direct seeded kharif rice: Before sowing treat the seeds with 2 g Bavistin or 2.5 g Mancozeb/kg seeds to protect the crop from blast, Sheath blight, brown spot, sheath rot. Use 25 kg seeds per acre. Basal application of Phosphorus (P) and Potash (K) fertilizers is advisable.

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.

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 Carbenazim 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 Aoxystrobin+Tebuconazole @0.6g/litre of water at 10 days interval.
- **Rust** disease is likely to appear in **Cowpea**. Spray Chlorothalonil @2g/litre of water.
- **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.
- Current weather favours spread of **YMV** in **Ladies finger**. In case of appearance of diseases, rogue out affected plants and spray Thiometoxam 25WG @ 60g/acre.

Animal Husbandry: Provide sufficient clean drinking water to animals. Contact departmental personnel for vaccination. Keep the animal shed clean and dry.

Dr. Dilip Ranjan Sarangi
 (Nodal officer)

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Bulletin No-94
Date-02.06.2020

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

The district received 45 mm rainfall during the last week. The mean daily maximum and minimum temperature was 35°C and 24°C, respectively. Relative humidity of the district was around 87-73%. **According to NDVI map (20.05.2020 to 26.05.2020) the agriculture vigor was moderate over few blocks, whereas according to SPI value (cumulative 4weeks-30April 2020 to 27May 2020), moderately wet condition was there.**

Forecasted period: 03rd June 2020 to 07th June 2020

General advisory: Light to moderate rainfall is forecasted for today and upcoming 2 days. The day temperature will 33-37°C and night temperature will be 24-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 58-79% and 25-36% respectively. There will be partly cloudy to overcast sky for next 5 days. **The Southwest Monsoon has set in over Kerala yesterday, the 1st June, 2020, coinciding with its normal date of onset over Kerala. Quantitatively, monsoon season rainfall for the country as a whole is likely to be 102% of the LPA with a model error of ±4%. Region wise, the season rainfall is likely to be 103% of LPA over Central India which includes Odisha, with a model error of ± 8 % As per extended range forecast of IMD, there will be near normal rainfall with thunderstorm activity is likely to occur in both the weeks (29th May, 2020 to 11th June, 2020) over most of the districts of odisha. So farmers are advised to go for dry sowing of direct seeded paddy now with pre monsoon showers of rain in up and medium land condition. Its optimum time for rice sowing in low land areas received good amount of rainfall. Complete direct sowing between June 1st week in low land.**

Block	Banki (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	03/06/2020	04/06/2020	05/06/2020	06/06/2020	07/06/2020
Rainfall(mm)	13	11	3	0	0
T-Max(°C)	35	37	33	35	36
T-Min(°C)	24	25	25	26	26
Cloud Cover(octa)	4	6	8	6	5
RH Max (%)	79	74	68	63	58
RH Min (%)	34	27	36	29	25
Wind Speed (Kmph)	18	9	14	16	16
Wind Direction (deg)	204	248	207	207	206

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. Nursery bed preparation may be done with pre-monsoon showers and get ready with seeds of kharif rice, short duration varieties. 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: In medium and low land, Dhaincha seeds @25kg/ha should be broadcasted as a pre kharif green manuring crop as the district has received some rainfall on 1st Jun. In uplands, sow Cowpea@25kg/ha or Guar@40kg/ha. Apply all phosphatic fertilizers of Kharif rice to these green manuring crops in advance.

Direct seeded kharif rice: Before sowing treat the seeds with 2 g Bavistin or 2.5 g Mancozeb/kg seeds to protect the crop from blast, Sheath blight, brown spot, sheath rot. Use 25 kg seeds per acre. Basal application of Phosphorus (P) and Potash (K) fertilizers is advisable.

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 Aoxystrobin+Tebuconazole @0.6g/litre of water at 10 days interval.
- **Rust** disease is likely to appear in **Cowpea**. Spray Chlorothalonil@2g/litre of water.
- **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.
- Current weather favours spread of **YMV** in **Ladies finger**. In case of appearance of diseases, rogue out affected plants and spray Thiometoxam 25WG @ 60g/acre.

Animal Husbandry: Provide sufficient clean drinking water to animals. Contact departmental personnel for vaccination. Keep the animal shed clean and dry.

Dr. Dilip Ranjan Sarangi
 (Nodal officer)

Debasish Jena
 SMS (Agrometeorology)
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Date-02.06.2020

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

The district received 45 mm rainfall during the last week. The mean daily maximum and minimum temperature was 35°C and 24°C, respectively. Relative humidity of the district was around 87-73%. **According to NDVI map (20.05.2020 to 26.05.2020) the agriculture vigor was moderate over few blocks, whereas according to SPI value (cumulative 4weeks-30April 2020 to 27May 2020), moderately wet condition was there.**

Forecasted period: 03rd June 2020 to 07th June 2020

General advisory: Light to moderate rainfall is forecasted for today and upcoming 2 days. The day temperature will 33-38°C and night temperature will be 24-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 58-79% and 25-36% respectively. There will be partly cloudy to overcast sky for next 5 days. **The Southwest Monsoon has set in over Kerala yesterday, the 1st June, 2020, coinciding with its normal date of onset over Kerala. Quantitatively, monsoon season rainfall for the country as a whole is likely to be 102% of the LPA with a model error of ±4%. Region wise, the season rainfall is likely to be 103% of LPA over Central India which includes Odisha, with a model error of ± 8 % As per extended range forecast of IMD, there will be near normal rainfall with thunderstorm activity is likely to occur in both the weeks(29th May,2020 to 11th June,2020) over most of the districts of Odisha. So farmers are advised to go for dry sowing of direct seeded paddy now with pre monsoon showers of rain in up and medium land condition. Its optimum time for rice sowing in low land areas received good amount of rainfall. Complete direct sowing between June 1st week in low land.**

Block	Banki-Dampara (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	03/06/2020	04/06/2020	05/06/2020	06/06/2020	07/06/2020
Rainfall(mm)	13	12	2	0	0
T-Max(°C)	35	38	33	35	36
T-Min(°C)	24	25	25	26	26
Cloud Cover(octa)	4	6	8	6	5
RH Max (%)	79	74	69	64	58
RH Min (%)	35	28	36	29	25
Wind Speed (Kmph)	18	9	14	16	16
Wind Direction (deg)	204	248	207	207	206

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. Nursery bed preparation may be done with pre-monsoon showers and get ready with seeds of kharif rice, short duration varieties. 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, Pujja, Ramachandi, Kanchana, Sarala, **Fine-** CR-1014, BPT-5204.

GREEN MANURING: In medium and low land, Dhaincha seeds @25kg/ha should be broadcasted as a pre kharif green manuring crop as the district has received some rainfall on 1st Jun. In uplands, sow Cowpea@25kg/ha or Guar@40kg/ha. Apply all phosphatic fertilizers of Kharif rice to these green manuring crops in advance.

Direct seeded kharif rice: Before sowing treat the seeds with 2 g Bavistin or 2.5 g Mancozeb/kg seeds to protect the crop from blast, Sheath blight, brown spot, sheath rot. Use 25 kg seeds per acre. Basal application of Phosphorus (P) and Potash (K) fertilizers is advisable.

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.
- **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.
- 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: Provide sufficient clean drinking water to animals. Contact departmental personnel for vaccination. Keep the animal shed clean and dry.

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AGROMET ADVISORY BULLETIN FOR BARANGA

District Past week weather condition

The district received 45 mm rainfall during the last week. The mean daily maximum and minimum temperature was 35°C and 24°C, respectively. Relative humidity of the district was around 87-73%. **According to NDVI map (20.05.2020 to 26.05.2020) the agriculture vigor was moderate over few blocks, whereas according to SPI value (cumulative 4weeks-30April 2020 to 27May 2020), moderately wet condition was there.**

Forecasted period: 03rd June 2020 to 07th June 2020

General advisory: Light to moderate rainfall is forecasted for today and upcoming 2 days. The day temperature will 34-38°C and night temperature will be 26-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 62-80% and 24-39% respectively. There will be partly cloudy to overcast sky for next 5 days. **The Southwest Monsoon has set in over Kerala yesterday, the 1st June, 2020, coinciding with its normal date of onset over Kerala. Quantitatively, monsoon season rainfall for the country as a whole is likely to be 102% of the LPA with a model error of ±4%. Region wise, the season rainfall is likely to be 103% of LPA over Central India which includes Odisha, with a model error of ± 8 % As per extended range forecast of IMD, there will be near normal rainfall with thunderstorm activity is likely to occur in both the weeks(29th May,2020 to 11th June,2020) over most of the districts of Odisha. So farmers are advised to go for dry sowing of direct seeded paddy now with pre monsoon showers of rain in up and medium land condition. Its optimum time for rice sowing in low land areas received good amount of rainfall. Complete direct sowing between June 1st week in low land.**

Block	Baranga(VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	03/06/2020	04/06/2020	05/06/2020	06/06/2020	07/06/2020
Rainfall(mm)	12	13	2	0	0
T-Max(°C)	35	38	34	35	36
T-Min(°C)	26	26	26	26	27
Cloud Cover	5	6	8	6	5
RH Max (%)	80	73	71	71	62
RH Min (%)	39	32	37	29	24
Wind Speed (Kmph)	21	12	16	18	17
Wind Direction (deg)	204	225	203	205	210

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. Nursery bed preparation may be done with pre-monsoon showers and get ready with seeds of kharif rice, short duration varieties. 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: In medium and low land, Dhaincha seeds @25kg/ha should be broadcasted as a pre kharif green manuring crop as the district has received some rainfall on 1st Jun. In uplands, sow Cowpea@25kg/ha or Guar@40kg/ha. Apply all phosphatic fertilizers of Kharif rice to these green manuring crops in advance.

Direct seeded kharif rice: Before sowing treat the seeds with 2 g Bavistin or 2.5 g Mancozeb/kg seeds to protect the crop from blast, Sheath blight, brown spot, sheath rot. Use 25 kg seeds per acre. Basal application of Phosphorus (P) and Potash (K) fertilizers is advisable.

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 Aoxystrobin+Tebuconazole @0.6g/litre of water at 10 days interval.
- **Rust** disease is likely to appear in **Cowpea**. Spray Chlorothalonil@2g/litre of water.
- **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.
- Current weather favours spread of **YMV** in **Ladies finger**. In case of appearance of diseases, rogue out affected plants and spray Thiometoxam 25WG @ 60g/acre.

Animal Husbandry: Provide sufficient clean drinking water to animals. Contact departmental personnel for vaccination. Keep the animal shed clean and dry.

Dr.Dilip Ranjan Sarangi
(Nodal officer)

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



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



Bulletin No-94
Date-02.06.2020

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

The district received 45 mm rainfall during the last week. The mean daily maximum and minimum temperature was 35°C and 24°C, respectively. Relative humidity of the district was around 87-73%. **According to NDVI map (20.05.2020 to 26.05.2020) the agriculture vigor was moderate over few blocks, whereas according to SPI value (cumulative 4weeks-30April 2020 to 27May 2020), moderately wet condition was there.**

Forecasted period: 03rd June 2020 to 07th June 2020

General advisory: Light to moderate rainfall is forecasted for today and upcoming 2 days. The day temperature will 33-37°C and night temperature will be 25-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 62-80% and 25-38% respectively.

The Southwest Monsoon has set in over Kerala yesterday, the 1st June, 2020, coinciding with its normal date of onset over Kerala. Quantitatively, monsoon season rainfall for the country as a whole is likely to be 102% of the LPA with a model error of ±4%. Region wise, the season rainfall is likely to be 103% of LPA over Central India which includes Odisha, with a model error of ± 8 % As per extended range forecast of IMD, there will be near normal rainfall with thunderstorm activity is likely to occur in both the weeks (29th May, 2020 to 11th June, 2020) over most of the districts of Odisha. So farmers are advised to go for dry sowing of direct seeded paddy now with pre monsoon showers of rain in up and medium land condition. Its optimum time for rice sowing in low land areas received good amount of rainfall. Complete direct sowing between June 1st week in low land.

Block	Cuttack sadar (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	03/06/2020	04/06/2020	05/06/2020	06/06/2020	07/06/2020
Rainfall(mm)	10	12	2	0	0
T-Max(°C)	34	37	33	34	35
T-Min(°C)	25	25	26	26	27
Cloud Cover(octa)	5	6	8	7	4
RH Max (%)	80	74	71	71	62
RH Min (%)	38	31	36	29	25
Wind Speed (Kmph)	20	11	15	17	17
Wind Direction (deg)	204	203	203	205	206

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. Nursery bed preparation may be done with pre-monsoon showers and get ready with seeds of kharif rice, short duration varieties. 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: In medium and low land, Dhaincha seeds @25kg/ha should be broadcasted as a pre kharif green manuring crop as the district has received some rainfall on 1st Jun. In uplands, sow Cowpea @25kg/ha or Guar @40kg/ha. Apply all phosphatic fertilizers of Kharif rice to these green manuring crops in advance.

Direct seeded kharif rice: Before sowing treat the seeds with 2 g Bavistin or 2.5 g Mancozeb/kg seeds to protect the crop from blast, Sheath blight, brown spot, sheath rot. Use 25 kg seeds per acre. Basal application of Phosphorus (P) and Potash (K) fertilizers is advisable.

Sugarcane: The crop is at vegetative growth (fourteen to sixteen week) stage in main field. Plan to irrigate the crop at ten days interval observing the forecasted rain. Early shoot borer attacks the crop at this stage. Spray profenophos 400ml per care crop area @ 2ml/lit of water to control the damage.

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 Aoxystrobin+Tebuconazole @0.6g/litre of water at 10 days interval.
- **Rust** disease is likely to appear in **Cowpea**. Spay Chlorothalonil@2g/litre of water.
- **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.
- Current weather favours spread of **YMV** in **Ladies finger**. In case of appearance of diseases, rogue out affected plants and spray Thiometoxam 25WG @ 60g/acre.

Animal Husbandry: Provide sufficient clean drinking water to animals. Contact departmental personnel for vaccination. Keep the animal shed clean and dry.

Dr. Dilip Ranjan Sarangi
 (Nodal officer)

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



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



Bulletin No-94
Date-02.06.2020

E-mail: kvkcuttack@gmail.com

AGROMET ADVISORY BULLETIN FOR KANTAPADA

District Past week weather condition

The district received 45 mm rainfall during the last week. The mean daily maximum and minimum temperature was 35°C and 24°C, respectively. Relative humidity of the district was around 87-73%. **According to NDVI map (20.05.2020 to 26.05.2020) the agriculture vigor was moderate over few blocks, whereas according to SPI value (cumulative 4weeks-30April 2020 to 27May 2020), moderately wet condition was there.**

Forecasted period: 03rd June 2020 to 07th June 2020

General advisory: Light to moderate rainfall is forecasted for today and upcoming 2 days. The day temperature will 35-38°C and night temperature will be 26-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 62-81% and 23-42% respectively. There will be partly cloudy to overcast sky for next 5 days. **The Southwest Monsoon has set in over Kerala yesterday, the 1st June, 2020, coinciding with its normal date of onset over Kerala. Quantitatively, monsoon season rainfall for the country as a whole is likely to be 102% of the LPA with a model error of ±4%. Region wise, the season rainfall is likely to be 103% of LPA over Central India which includes Odisha, with a model error of ± 8 % As per extended range forecast of IMD, there will be near normal rainfall with thunderstorm activity is likely to occur in both the weeks(29th May,2020 to 11th June,2020) over most of the districts of Odisha. So farmers are advised to go for dry sowing of direct seeded paddy now with pre monsoon showers of rain in up and medium land condition. Its optimum time for rice sowing in low land areas received good amount of rainfall. Complete direct sowing between June 1st week in low land.**

Block	Kantapada (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	03/06/2020	04/06/2020	05/06/2020	06/06/2020	07/06/2020
Rainfall(mm)	7	11	2	0	0
T-Max(°C)	35	38	35	37	38
T-Min(°C)	26	26	26	26	27
Cloud Cover(octa)	5	6	8	6	5
RH Max (%)	81	73	74	72	62
RH Min (%)	42	36	39	31	23
Wind Speed (Kmph)	23	15	18	19	18
Wind Direction (deg)	204	205	204	203	210

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. Nursery bed preparation may be done with pre-monsoon showers and get ready with seeds of kharif rice, short duration varieties. 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: In medium and low land, Dhaincha seeds @25kg/ha should be broadcasted as a pre kharif green manuring crop as the district has received some rainfall on 1st Jun. In uplands, sow Cowpea@25kg/ha or Guar@40kg/ha. Apply all phosphatic fertilizers of Kharif rice to these green manuring crops in advance.

Direct seeded kharif rice: Before sowing treat the seeds with 2 g Bavistin or 2.5 g Mancozeb/kg seeds to protect the crop from blast, Sheath blight, brown spot, sheath rot. Use 25 kg seeds per acre. Basal application of Phosphorus (P) and Potash (K) fertilizers is advisable.

Sugarcane: The crop is at vegetative growth (fourteen to sixteen week) stage in main field. Plan to irrigate the crop at ten days interval observing the forecasted rain. Early shoot borer attacks the crop at this stage. Spray profenophos 400ml per care crop area @2ml/lit of water to control the damage.

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.
- **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.
- 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: Provide sufficient clean drinking water to animals. Contact departmental personnel for vaccination. Keep the animal shed clean and dry.

Dr. Dilip Ranjan Sarangi
(Nodal officer)

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



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



Bulletin No-94
Date-02.06.2020

E-mail: kykcuttack@gmail.com
AGROMET ADVISORY BULLETIN FOR MAHANGA
District Past week weather condition

The district received 45 mm rainfall during the last week. The mean daily maximum and minimum temperature was 35°C and 24°C, respectively. Relative humidity of the district was around 87-73%. **According to NDVI map (20.05.2020 to 26.05.2020) the agriculture vigor was moderate over few blocks, whereas according to SPI value (cumulative 4weeks-30April 2020 to 27May 2020), moderately wet condition was there.**

Forecasted period: 03rd June 2020 to 07th June 2020

General advisory: Light to moderate rainfall is forecasted for today and upcoming 2 days. The day temperature will 33-37°C and night temperature will be 25-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 62-80% and 25-40% respectively. There will be partly cloudy to overcast sky for next 5 days. **The Southwest Monsoon has set in over Kerala yesterday, the 1st June, 2020, coinciding with its normal date of onset over Kerala. Quantitatively, monsoon season rainfall for the country as a whole is likely to be 102% of the LPA with a model error of ±4%. Region wise, the season rainfall is likely to be 103% of LPA over Central India which includes Odisha, with a model error of ± 8 % As per extended range forecast of IMD, there will be near normal rainfall with thunderstorm activity is likely to occur in both the weeks (29th May, 2020 to 11th June, 2020) over most of the districts of Odisha. So farmers are advised to go for dry sowing of direct seeded paddy now with pre monsoon showers of rain in up and medium land condition. Its optimum time for rice sowing in low land areas received good amount of rainfall. Complete direct sowing between June 1st week in low land.**

Block	Mahanga (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	03/06/2020	04/06/2020	05/06/2020	06/06/2020	07/06/2020
Rainfall(mm)	8	13	2	0	0
T-Max(°C)	35	37	33	35	36
T-Min(°C)	25	26	26	26	27
Cloud Cover(octal)	5	6	8	7	5
RH Max (%)	80	75	72	74	62
RH Min (%)	40	34	39	30	25
Wind Speed (Kmph)	21	12	16	18	18
Wind Direction (deg)	204	236	203	205	206

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. Nursery bed preparation may be done with pre-monsoon showers and get ready with seeds of kharif rice, short duration varieties. 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: In medium and low land, Dhaincha seeds @25kg/ha should be broadcasted as a pre kharif green manuring crop as the district has received some rainfall on 1st Jun. In uplands, sow Cowpea@25kg/ha or Guar@40kg/ha. Apply all phosphatic fertilizers of Kharif rice to these green manuring crops in advance.

Direct seeded kharif rice: Before sowing treat the seeds with 2 g Bavistin or 2.5 g Mancozeb/kg seeds to protect the crop from blast, Sheath blight, brown spot, sheath rot. Use 25 kg seeds per acre. Basal application of Phosphorus (P) and Potash (K) fertilizers is advisable.

Sugarcane: The crop is at vegetative growth (fourteen to sixteen week) stage in main field. Plan to irrigate the crop at ten days interval observing the forecasted rain. Early shoot borer attacks the crop at this stage. Spray profenophos 400ml per care crop area @2ml/lit of water to control the damage.

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.

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 Carbenidazim 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.
- **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.
- Current weather favours spread of **YMV** in **Ladies finger**. In case of appearance of diseases, rogue out affected plants and spray Thiometoxam 25WG @ 60g/acre.

Animal Husbandry: Provide sufficient clean drinking water to animals. Contact departmental personnel for vaccination. Keep the animal shed clean and dry.

Dr. Dilip Ranjan Sarangi
 (Nodal officer)

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



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



Bulletin No-94
Date-02.06.2020

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

District Past week weather condition

The district received 45 mm rainfall during the last week. The mean daily maximum and minimum temperature was 35°C and 24°C, respectively. Relative humidity of the district was around 87-73%. **According to NDVI map (20.05.2020 to 26.05.2020) the agriculture vigor was moderate over few blocks, whereas according to SPI value (cumulative 4weeks-30April 2020 to 27May 2020), moderately wet condition was there.**

Forecasted period: 03rd June 2020 to 07th June 2020

General advisory: Light to moderate rainfall is forecasted for today and upcoming 2 days. The day temperature will 31-36°C and night temperature will be 23-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 51-79% and 24-36% respectively. There will be partly cloudy to overcast sky for next 5 days. **The Southwest Monsoon has set in over Kerala yesterday, the 1st June, 2020, coinciding with its normal date of onset over Kerala. Quantitatively, monsoon season rainfall for the country as a whole is likely to be 102% of the LPA with a model error of ±4%. Region wise, the season rainfall is likely to be 103% of LPA over Central India which includes Odisha, with a model error of ± 8 % As per extended range forecast of IMD, there will be near normal rainfall with thunderstorm activity is likely to occur in both the weeks(29th May,2020 to 11th June,2020) over most of the districts of Odisha. So farmers are advised to go for dry sowing of direct seeded paddy now with pre monsoon showers of rain in up and medium land condition. Its optimum time for rice sowing in low land areas received good amount of rainfall. Complete direct sowing between June 1st week in low land.**

Block	Narasinghpur (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	03/06/2020	04/06/2020	05/06/2020	06/06/2020	07/06/2020
Rainfall(mm)	16	9	3	0	0
T-Max(°C)	36	36	31	32	33
T-Min(°C)	24	23	25	25	26
Cloud Cover(/octa)	4	7	8	6	5
RH Max (%)	79	77	69	58	51
RH Min (%)	27	24	36	29	26
Wind Speed (Kmph)	11	6	9	11	10
Wind Direction (deg)	198	293	225	240	289

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. Nursery bed preparation may be done with pre-monsoon showers and get ready with seeds of kharif rice, short duration varieties. 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: In medium and low land, Dhaincha seeds @25kg/ha should be broadcasted as a pre kharif green manuring crop as the district has received some rainfall on 1st Jun. In uplands, sow Cowpea@25kg/ha or Guar@40kg/ha. Apply all phosphatic fertilizers of Kharif rice to these green manuring crops in advance.

Direct seeded kharif rice: Before sowing treat the seeds with 2 g Bavistin or 2.5 g Mancozeb/kg seeds to protect the crop from blast, Sheath blight, brown spot, sheath rot. Use 25 kg seeds per acre. Basal application of Phosphorus (P) and Potash (K) fertilizers is advisable.

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 Aoxystrobin+Tebuconazole @0.6g/litre of water at 10 days interval.
- **Rust** disease is likely to appear in **Cowpea**. Spray Chlorothalonil@2g/litre of water.
- **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.
- Current weather favours spread of **YMV** in **Ladies finger**. In case of appearance of diseases, rogue out affected plants and spray Thiometoxam 25WG @ 60g/acre.

Animal Husbandry: Provide sufficient clean drinking water to animals. Contact departmental personnel for vaccination. Keep the animal shed clean and dry.

Dr.Dilip Ranjan Sarangi
(Nodal officer)

Debasish Jena
SMS (Agrometeorology)
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(A Unit of ICAR-National Rice Research Institute)



Bulletin No-94
Date-02.06.2020

E-mail: kvkcuttack@gmail.com

AGROMET ADVISORY BULLETIN FOR NIALI

District Past week weather condition

The district received 45 mm rainfall during the last week. The mean daily maximum and minimum temperature was 35°C and 24°C, respectively. Relative humidity of the district was around 87-73%. **According to NDVI map (20.05.2020 to 26.05.2020) the agriculture vigor was moderate over few blocks, whereas according to SPI value (cumulative 4weeks-30April 2020 to 27May 2020), moderately wet condition was there.**

Forecasted period: 03rd June 2020 to 07th June 2020

General advisory: Light to moderate rainfall is forecasted for today and upcoming 2 days. The day temperature will 35-39°C and night temperature will be 26-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 65-82% and 25-46% respectively. There will be partly cloudy to overcast sky for next 5 days. **The Southwest Monsoon has set in over Kerala yesterday, the 1st June, 2020, coinciding with its normal date of onset over Kerala. Quantitatively, monsoon season rainfall for the country as a whole is likely to be 102% of the LPA with a model error of ±4%. Region wise, the season rainfall is likely to be 103% of LPA over Central India which includes Odisha, with a model error of ± 8 % As per extended range forecast of IMD, there will be near normal rainfall with thunderstorm activity is likely to occur in both the weeks(29th May,2020 to 11th June,2020) over most of the districts of Odisha. So farmers are advised to go for dry sowing of direct seeded paddy now with pre monsoon showers of rain in up and medium land condition. Its optimum time for rice sowing in low land areas received good amount of rainfall. Complete direct sowing between June 1st week in low land.**

Block	Niali (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	03/06/2020	04/06/2020	05/06/2020	06/06/2020	07/06/2020
Rainfall(mm)	8	12	2	0	0
T-Max(°C)	35	38	35	37	39
T-Min(°C)	26	26	26	26	27
Cloud Cover(octa)	5	6	8	6	5
RH Max (%)	82	74	76	74	65
RH Min (%)	46	40	42	33	25
Wind Speed(Kmph)	24	17	18	20	19
Wind Direction(deg)	203	206	204	203	205

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. Nursery bed preparation may be done with pre-monsoon showers and get ready with seeds of kharif rice, short duration varieties. 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: In medium and low land, Dhaincha seeds @25kg/ha should be broadcasted as a pre kharif green manuring crop as the district has received some rainfall on 1st Jun. In uplands, sow Cowpea@25kg/ha or Guar@40kg/ha. Apply all phosphatic fertilizers of Kharif rice to these green manuring crops in advance.

Direct seeded kharif rice: Before sowing treat the seeds with 2 g Bavistin or 2.5 g Mancozeb/kg seeds to protect the crop from blast, Sheath blight, brown spot, sheath rot. Use 25 kg seeds per acre. Basal application of Phosphorus (P) and Potash (K) fertilizers is advisable.

Sugarcane: The crop is at vegetative growth (fourteen to sixteen week) stage in main field. Plan to irrigate the crop at ten days interval observing the forecasted rain. Early shoot borer attacks the crop at this stage. Spray profenophos 400ml per care crop area @2ml/lit of water to control the damage.

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.
- **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.
- 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: Provide sufficient clean drinking water to animals. Contact departmental personnel for vaccination. Keep the animal shed clean and dry.

Dr. Dilip Ranjan Sarangi
 (Nodal officer)

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



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



Bulletin No-94
Date-02.06.2020

E-mail: kvkcuttack@gmail.com

AGROMET ADVISORY BULLETIN FOR NISCHINTAKOILI

District Past week weather condition

The district received 45 mm rainfall during the last week. The mean daily maximum and minimum temperature was 35°C and 24°C, respectively. Relative humidity of the district was around 87-73%. **According to NDVI map (20.05.2020 to 26.05.2020) the agriculture vigor was moderate over few blocks, whereas according to SPI value (cumulative 4weeks-30April 2020 to 27May 2020), moderately wet condition was there.**

Forecasted period: 03rd June 2020 to 07th June 2020

General advisory: Light to moderate rainfall is forecasted for today and upcoming 2 days. The day temperature will 34-37°C and night temperature will be 26-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 62-80% and 25-41% respectively. There will be partly cloudy to overcast sky for next 5 days. **The Southwest Monsoon has set in over Kerala yesterday, the 1st June, 2020, coinciding with its normal date of onset over Kerala. Quantitatively, monsoon season rainfall for the country as a whole is likely to be 102% of the LPA with a model error of ±4%. Region wise, the season rainfall is likely to be 103% of LPA over Central India which includes Odisha, with a model error of ± 8 % As per extended range forecast of IMD, there will be near normal rainfall with thunderstorm activity is likely to occur in both the weeks(29th May,2020 to 11th June,2020) over most of the districts of Odisha. So farmers are advised to go for dry sowing of direct seeded paddy now with pre monsoon showers of rain in up and medium land condition. Its optimum time for rice sowing in low land areas received good amount of rainfall. Complete direct sowing between June 1st week in low land.**

Block	Nischintakoili (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	03/06/2020	04/06/2020	05/06/2020	06/06/2020	07/06/2020
Rainfall(mm)	7	13	2	0	0
T-Max(°C)	35	37	34	35	37
T-Min(°C)	26	26	26	26	27
Cloud Cover(octa)	5	6	8	6	4
RH Max (%)	80	74	72	74	62
RH Min (%)	41	35	39	30	25
Wind Speed (Kmph)	22	13	17	18	18
Wind Direction (deg)	204	236	204	205	210

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. Nursery bed preparation may be done with pre-monsoon showers and get ready with seeds of kharif rice, short duration varieties. 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: In medium and low land, Dhaincha seeds @25kg/ha should be broadcasted as a pre kharif green manuring crop as the district has received some rainfall on 1st Jun. In uplands, sow Cowpea@25kg/ha or Guar@40kg/ha. Apply all phosphatic fertilizers of Kharif rice to these green manuring crops in advance.

Direct seeded kharif rice: Before sowing treat the seeds with 2 g Bavistin or 2.5 g Mancozeb/kg seeds to protect the crop from blast, Sheath blight, brown spot, sheath rot. Use 25 kg seeds per acre. Basal application of Phosphorus (P) and Potash (K) fertilizers is advisable.

Sugarcane: The crop is at vegetative growth (fourteen to sixteen week) stage in main field. Plan to irrigate the crop at ten days interval observing the forecasted rain. Early shoot borer attacks the crop at this stage. Spray profenophos 400ml per care crop area @2ml/litre of water to control the damage.

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.
- **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.
- 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: Provide sufficient clean drinking water to animals. Contact departmental personnel for vaccination. Keep the animal shed clean and dry.

Dr.Dilip Ranjan Sarangi
(Nodal officer)

Debasish Jena

SMS (Agrometeorology)

Contact No-9861445080/7008453427



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Bulletin No-94
Date-02.06.2020

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AGROMET ADVISORY BULLETIN FOR SALEPUR

District Past week weather condition

The district received 45 mm rainfall during the last week. The mean daily maximum and minimum temperature was 35°C and 24°C, respectively. Relative humidity of the district was around 87-73%. **According to NDVI map (20.05.2020 to 26.05.2020) the agriculture vigor was moderate over few blocks, whereas according to SPI value (cumulative 4weeks-30April 2020 to 27May 2020), moderately wet condition was there.**

Forecasted period: 03rd June 2020 to 07th June 2020

General advisory: Light to moderate rainfall is forecasted for today and upcoming 2 days. The day temperature will 33-37°C and night temperature will be 26-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 62-80% and 24-40% respectively. There will be partly cloudy to overcast sky for next 5 days. **The Southwest Monsoon has set in over Kerala yesterday, the 1st June, 2020, coinciding with its normal date of onset over Kerala. Quantitatively, monsoon season rainfall for the country as a whole is likely to be 102% of the LPA with a model error of ±4%. Region wise, the season rainfall is likely to be 103% of LPA over Central India which includes Odisha, with a model error of ± 8 % As per extended range forecast of IMD, there will be near normal rainfall with thunderstorm activity is likely to occur in both the weeks(29th May,2020 to 11th June,2020) over most of the districts of Odisha. So farmers are advised to go for dry sowing of direct seeded paddy now with pre monsoon showers of rain in up and medium land condition. Its optimum time for rice sowing in low land areas received good amount of rainfall. Complete direct sowing between June 1st week in low land.**

Block	Salepur(VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	03/06/2020	04/06/2020	05/06/2020	06/06/2020	07/06/2020
Rainfall(mm)	9	12	2	0	0
T-Max(°C)	35	37	33	35	36
T-Min(°C)	26	26	26	26	27
Cloud Cover(octa)	5	6	8	6	4
RH Max (%)	80	73	72	73	62
RH Min (%)	40	34	38	30	24
Wind Speed (Kmph)	22	12	17	18	18
Wind Direction (deg)	204	236	203	205	206

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. Nursery bed preparation may be done with pre-monsoon showers and get ready with seeds of kharif rice, short duration varieties. 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: In medium and low land, Dhaincha seeds @25kg/ha should be broadcasted as a pre kharif green manuring crop as the district has received some rainfall on 1st Jun. In uplands, sow Cowpea@25kg/ha or Guar@40kg/ha. Apply all phosphatic fertilizers of Kharif rice to these green manuring crops in advance.

Direct seeded kharif rice: Before sowing treat the seeds with 2 g Bavistin or 2.5 g Mancozeb/kg seeds to protect the crop from blast, Sheath blight, brown spot, sheath rot. Use 25 kg seeds per acre. Basal application of Phosphorus (P) and Potash (K) fertilizers is advisable.

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.
- **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.
- 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: Provide sufficient clean drinking water to animals. Contact departmental personnel for vaccination. Keep the animal shed clean and dry.

Dr.Dilip Ranjan Sarangi
 (Nodal officer)

Debasish Jena
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Bulletin No-94
Date-02.06.2020

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AGROMET ADVISORY BULLETIN FOR TANGI-CHOUDWAR

District Past week weather condition

The district received 45 mm rainfall during the last week. The mean daily maximum and minimum temperature was 35°C and 24°C, respectively. Relative humidity of the district was around 87-73%. **According to NDVI map (20.05.2020 to 26.05.2020) the agriculture vigor was moderate over few blocks, whereas according to SPI value (cumulative 4weeks-30April 2020 to 27May 2020), moderately wet condition was there.**

Forecasted period: 03rd June 2020 to 07th June 2020

General advisory: Light to moderate rainfall is forecasted for today and upcoming 2 days. The day temperature will 35-40°C and night temperature will be 30-31°C for upcoming 5 days. Maximum and minimum relative humidity will be 69-84% and 33-58% respectively. There will be partly cloudy to overcast sky for next 5 days. **The Southwest Monsoon has set in over Kerala yesterday, the 1st June, 2020, coinciding with its normal date of onset over Kerala. Quantitatively, monsoon season rainfall for the country as a whole is likely to be 102% of the LPA with a model error of ±4%. Region wise, the season rainfall is likely to be 103% of LPA over Central India which includes Odisha, with a model error of ± 8 % As per extended range forecast of IMD, there will be near normal rainfall with thunderstorm activity is likely to occur in both the weeks(29th May,2020 to 11th June,2020) over most of the districts of Odisha. So farmers are advised to go for dry sowing of direct seeded paddy now with pre monsoon showers of rain in up and medium land condition. Its optimum time for rice sowing in low land areas received good amount of rainfall. Complete direct sowing between June 1st week in low land.**

Block	Tangi-Choudwar (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	03/06/2020	04/06/2020	05/06/2020	06/06/2020	07/06/2020
Rainfall(mm)	10	12	2	0	0
T-Max(°C)	35	37	35	38	40
T-Min(°C)	30	30	30	30	31
Cloud Cover(octa)	5	8	8	7	4
RH Max (%)	84	80	80	81	69
RH Min (%)	58	53	57	43	33
Wind Speed (Kmph)	25	20	20	21	21
Wind Direction (deg)	203	203	204	204	238

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. Nursery bed preparation may be done with pre-monsoon showers and get ready with seeds of kharif rice, short duration varieties. 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: In medium and low land, Dhaincha seeds @25kg/ha should be broadcasted as a pre kharif green manuring crop as the district has received some rainfall on 1st Jun. In uplands, sow Cowpea@25kg/ha or Guar@40kg/ha. Apply all phosphatic fertilizers of Kharif rice to these green manuring crops in advance.

Direct seeded kharif rice: Before sowing treat the seeds with 2 g Bavistin or 2.5 g Mancozeb/kg seeds to protect the crop from blast, Sheath blight, brown spot, sheath rot. Use 25 kg seeds per acre. Basal application of Phosphorus (P) and Potash (K) fertilizers is advisable.

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.
- **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.
- 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: Provide sufficient clean drinking water to animals. Contact departmental personnel for vaccination. Keep the animal shed clean and dry.

Dr. Dilip Ranjan Sarangi
(Nodal officer)

Debasish Jena
SMS (Agrometeorology)
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Bulletin No-94
Date-02.06.2020

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AGROMET ADVISORY BULLETIN FOR TIGIRIA

District Past week weather condition

The district received 45 mm rainfall during the last week. The mean daily maximum and minimum temperature was 35°C and 24°C, respectively. Relative humidity of the district was around 87-73%. **According to NDVI map (20.05.2020 to 26.05.2020) the agriculture vigor was moderate over few blocks, whereas according to SPI value (cumulative 4weeks-30April 2020 to 27May 2020), moderately wet condition was there.**

Forecasted period: 03rd June 2020 to 07th June 2020

General advisory: Light to moderate rainfall is forecasted for today and upcoming 2 days. The day temperature will 32-37°C and night temperature will be 24-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 57-79% and 26-36% respectively. There will be partly cloudy to overcast sky for next 5 days. **The Southwest Monsoon has set in over Kerala yesterday, the 1st June, 2020, coinciding with its normal date of onset over Kerala. Quantitatively, monsoon season rainfall for the country as a whole is likely to be 102% of the LPA with a model error of ±4%. Region wise, the season rainfall is likely to be 103% of LPA over Central India which includes Odisha, with a model error of ± 8 % As per extended range forecast of IMD, there will be near normal rainfall with thunderstorm activity is likely to occur in both the weeks(29th May,2020 to 11th June,2020) over most of the districts of Odisha. So farmers are advised to go for dry sowing of direct seeded paddy now with pre monsoon showers of rain in up and medium land condition. Its optimum time for rice sowing in low land areas received good amount of rainfall. Complete direct sowing between June 1st week in low land.**

Block	Tigiria(VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	03/06/2020	04/06/2020	05/06/2020	06/06/2020	07/06/2020
Rainfall(mm)	13	10	2	0	0
T-Max(°C)	35	37	32	34	35
T-Min(°C)	24	24	25	26	26
Cloud Cover(octa)	5	7	8	6	5
RH Max (%)	79	76	69	64	57
RH Min (%)	34	28	36	29	26
Wind Speed (Kmph)	16	9	13	15	14
Wind Direction (deg)	207	248	207	203	206

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. Nursery bed preparation may be done with pre-monsoon showers and get ready with seeds of kharif rice, short duration varieties. 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: In medium and low land, Dhaincha seeds @25kg/ha should be broadcasted as a pre kharif green manuring crop as the district has received some rainfall on 1st Jun. In uplands, sow Cowpea@25kg/ha or Guar@40kg/ha. Apply all phosphatic fertilizers of Kharif rice to these green manuring crops in advance.

Direct seeded kharif rice: Before sowing treat the seeds with 2 g Bavistin or 2.5 g Mancozeb/kg seeds to protect the crop from blast, Sheath blight, brown spot, sheath rot. Use 25 kg seeds per acre. Basal application of Phosphorus (P) and Potash (K) fertilizers is advisable.

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.
- **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.
- 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: Provide sufficient clean drinking water to animals. Contact departmental personnel for vaccination. Keep the animal shed clean and dry.

Dr.Dilip Ranjan Sarangi
 (Nodal officer)

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