



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



Bulletin No-98  
Date-16.06.2020

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

District Past week weather condition

**The district received 78 mm rainfall during the last week.** The mean daily maximum and minimum temperature was 33°C and 25°C, respectively. Relative humidity of the district was around 88-83%. **According to NDVI map (03.06.2020 to 09.06.2020) the agriculture vigor was moderate over few blocks, whereas according to SPI value (cumulative 4weeks-21May 2020 to 07June 2020), mildly wet condition was there.**

Forecasted period: 17<sup>th</sup> June 2020 to 21<sup>st</sup> June 2020

**General advisory:** Light to moderate rainfall for upcoming 5days in the block. The day temperature will 30-33°C and night temperature will be 23-24°C for upcoming 5 days. Maximum and minimum relative humidity will be 74-86% and 43-55% respectively. There will be partly cloudy to overcast sky for next 5days. **As per IMD, Southwest monsoon has advanced into Cuttack district on 12th June. As there was 48% excess rainfall from 1<sup>st</sup> June to 15<sup>th</sup> June in the district and also the district received 78mm of rainfall in the last week and also there is forecast of rainfall in upcoming 5 days, So farmers are advised to go for direct and line sowing of direct seeded paddy now with the Monsoon rain in up and medium land condition. Its optimum time for rice sowing in low land areas received good amount of rainfall. Complete direct/line sowing in between June 3<sup>rd</sup> week in low land. They should raise the nursery for transplanted kharif rice as soon as possible.**

Block	Athagad (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	17/06/2020	18/06/2020	19/06/2020	20/06/2020	21/06/2020
Rainfall (mm)	10	13	24	22	10
T-Max (°C)	32	30	32	33	30
T-Min (°C)	24	24	24	23	23
Cloud Cover (octa)	8	8	8	8	8
RH Max (%)	79	81	74	86	76
RH Min (%)	53	55	43	44	55
Wind Speed (kmph)	19	17	15	14	11
Wind Direction (deg)	203	203	244	251	259

Agromet Advisory

**Kharif rice:** Sowing should be started soon after received of good amount of early monsoon showers where direct seeding is practiced. Incorporate FYM or compost @ 2000 Kg/acre. Apply 26 kg DAP and 20 kg MoP per acre during last ploughing. Sow the short duration varieties @ 25-30 kg/acre behind the plough with maintaining 15-20 cm row to row distance. Before sowing seed should be treated with Trichoderma viride @ 10 g or Carbendazim 50% WP @ 1.5 g/kg seed. After received of sufficient rainfall, farmers are advised for sowing of dhanicha seeds @ 12 kg/acre prior to the transplanting of paddy so that the dhanicha crop will be 3-4 weeks old before 10-15 days of transplanting of rice. Apply all phosphatic fertilizers of Kharif rice to this green manuring crop in advance. Raise the nursery for transplanted kharif rice. 400 m<sup>2</sup> area is required for one acre land. Prepare a 3 feet width and 6 inch raised bed with suitable length keeping 1 feet between two beds for irrigation and drainage. 40 baskets of FYM, 12 kg SSP and 2 kg MoP is required for 400 m<sup>2</sup> nursery area.

**Maize:** It is time for sowing of maize for green cob purpose under irrigated condition Grow high yielding varieties like Navjot, Shakti, Decan-107, Decan-109, Use 6 kg seeds/acre. Apply one third of N and all P & K of the recommended dose of 50:24:24 kg. NPK/acre. Sow the seeds in lines with spacing of 45-60X20 cm at 5 cm soil depth.

**JUTE:** Recent rain has aggravated weed problem in early sown crop. To control grass weeds, apply Quizalofop-pethyl@2ml/litre of water at 2-3 leaf stage of weeds.

**VEGETABLES:** Chances of moderate rainfall during next five days. So, make arrangement for drain out excess water from vegetables field.

- **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.
- After rain, **leaf blight and vine rot** is likely to appear in **pointed gourd**. To control it, spray of Metalaxyl+Mancozeb@2g/litre.
- **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.
- After recent 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.

**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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**AGROMET ADVISORY BULLETIN FOR BADAMBA**

**District Past week weather condition**

**The district received 78 mm rainfall during the last week.** The mean daily maximum and minimum temperature was 33°C and 25°C, respectively. Relative humidity of the district was around 88-83%. **According to NDVI map (03.06.2020 to 09.06.2020) the agriculture vigor was moderate over few blocks, whereas according to SPI value (cumulative 4weeks-21May 2020 to 07June 2020), mildly wet condition was there.**

**Forecasted period: 17<sup>th</sup> June 2020 to 21<sup>st</sup> June 2020**

**General advisory:** Light to moderate rainfall for upcoming 5days in the block. The day temperature will 30-33°C and night temperature will be 23-24°C for upcoming 5 days. Maximum and minimum relative humidity will be 75-85% and 43-53% respectively. There will be partly cloudy to overcast sky for next 5 days. **As per IMD, Southwest monsoon has advanced into Cuttack district on 12th June. As there was 48% excess rainfall from 1<sup>st</sup> June to 15<sup>th</sup> June in the district and also the district received 78mm of rainfall in the last week and also there is forecast of rainfall in upcoming 5 days, So farmers are advised to go for direct and line sowing of direct seeded paddy now with the Monsoon rain in up and medium land condition. Its optimum time for rice sowing in low land areas received good amount of rainfall. Complete direct/line sowing in between June 3<sup>rd</sup> week in low land. They should raise the nursery for transplanted kharif rice as soon as possible.**

Block	Badamba (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	17/06/2020	18/06/2020	19/06/2020	20/06/2020	21/06/2020
Rainfall(mm)	11	10	23	20	9
T-Max(°C)	31	30	31	33	30
T-Min(°C)	23	24	23	23	23
Cloud Cover(octa)	8	8	8	7	8
RH Max (%)	84	78	76	85	75
RH Min (%)	53	51	45	43	53
Wind Speed (Kmph)	15	14	13	13	12
Wind Direction (deg)	203	205	244	243	259

**Agromet Advisory**

**Kharif rice:** Sowing should be started soon after received of good amount of early monsoon showers where direct seeding is practiced. Incorporate FYM or compost @ 2000 Kg/acre. Apply 26 kg DAP and 20 kg MoP per acre during last ploughing. Sow the short duration varieties @ 25-30 kg/acre behind the plough with maintaining 15-20 cm row to row distance. Before sowing seed should be treated with Trichoderma viride @ 10 g or Carbendazim 50% WP @ 1.5 g/kg seed. After received of sufficient rainfall, farmers are advised for sowing of dhanicha seeds @ 12 kg/acre prior to the transplanting of paddy so that the dhanicha crop will be 3-4 weeks old before 10-15 days of transplanting of rice. Apply all phosphatic fertilizers of Kharif rice to this green manuring crop in advance. Raise the nursery for transplanted kharif rice. 400 m<sup>2</sup> area is required for one acre land. Prepare a 3 feet width and 6 inch raised bed with suitable length keeping 1 feet between two beds for irrigation and drainage. 40 baskets of FYM, 12 kg SSP and 2 kg MoP is required for 400 m<sup>2</sup> nursery area.

**Maize:** It is time for sowing of maize for green cob purpose under irrigated condition Grow high yielding varieties like Navjot, Shakti, Decan-107, Decan-109, Use 6 kg seeds/acre. Apply one third of N and all P & K of the recommended dose of 50:24:24 kg. NPK/acre. Sow the seeds in lines with spacing of 45-60X20 cm at 5 cm soil depth.

**JUTE:** Recent rain has aggravated weed problem in early sown crop. To control grass weeds, apply Quizalofop-pethyl@2ml/litre of water at 2-3 leaf stage of weeds.

**VEGETABLES:** Chances of moderate rainfall during next five days. So, make arrangement for drain out excess water from vegetables field.

- **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.
- After rain, **leaf blight and vine rot** is likely to appear in **pointed gourd**. To control it, spray of Metalaxyl+Mancozeb@2g/litre.
- **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.
- After recent 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.

**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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(Nodal officer)

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**AGROMET ADVISORY BULLETIN FOR BANKI**

**District Past week weather condition**

**The district received 78 mm rainfall during the last week.** The mean daily maximum and minimum temperature was 33°C and 25°C, respectively. Relative humidity of the district was around 88-83%. **According to NDVI map (03.06.2020 to 09.06.2020) the agriculture vigor was moderate over few blocks, whereas according to SPI value (cumulative 4weeks-21May 2020 to 07June 2020), mildly wet condition was there.**

**Forecasted period: 17<sup>th</sup> June 2020 to 21<sup>st</sup> June 2020**

**General advisory:** Light to moderate rainfall for upcoming 5 days in the block. The day temperature will 30-33°C and night temperature will be 23-24°C for upcoming 5 days. Maximum and minimum relative humidity will be 70-84% and 42-52% respectively. There will be partly cloudy to overcast sky for next 5 days. **As per IMD, Southwest monsoon has advanced into Cuttack district on 12th June. As there was 48% excess rainfall from 1<sup>st</sup> June to 15<sup>th</sup> June in the district and also the district received 78mm of rainfall in the last week and also there is forecast of rainfall in upcoming 5 days, So farmers are advised to go for direct and line sowing of direct seeded paddy now with the Monsoon rain in up and medium land condition. Its optimum time for rice sowing in low land areas received good amount of rainfall. Complete direct/line sowing in between June 3<sup>rd</sup> week in low land. They should raise the nursery for transplanted kharif rice as soon as possible.**

Block	Banki (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	17/06/2020	18/06/2020	19/06/2020	20/06/2020	21/06/2020
Rainfall(mm)	10	13	22	20	10
T-Max(°C)	32	31	32	33	30
T-Min(°C)	24	24	24	23	23
Cloud Cover(octa)	8	8	8	8	8
RH Max (%)	80	79	70	84	72
RH Min (%)	52	50	42	42	50
Wind Speed (Kmph)	19	17	15	14	12
Wind Direction (deg)	204	205	244	243	251

**Agromet Advisory**

**Kharif rice:** Sowing should be started soon after received of good amount of early monsoon showers where direct seeding is practiced. Incorporate FYM or compost @ 2000 Kg/acre. Apply 26 kg DAP and 20 kg MoP per acre during last ploughing. Sow the short duration varieties @ 25-30 kg/acre behind the plough with maintaining 15-20 cm row to row distance. Before sowing seed should be treated with Trichoderma viride @ 10 g or Carbendazim 50% WP @ 1.5 g/kg seed. After received of sufficient rainfall, farmers are advised for sowing of dhanicha seeds @ 12 kg/acre prior to the transplanting of paddy so that the dhanicha crop will be 3-4 weeks old before 10-15 days of transplanting of rice. Apply all phosphatic fertilizers of Kharif rice to this green manuring crop in advance. Raise the nursery for transplanted kharif rice. 400 m<sup>2</sup> area is required for one acre land. Prepare a 3 feet width and 6 inch raised bed with suitable length keeping 1 feet between two beds for irrigation and drainage. 40 baskets of FYM, 12 kg SSP and 2 kg MoP is required for 400 m<sup>2</sup> nursery area.

**Maize:** It is time for sowing of maize for green cob purpose under irrigated condition Grow high yielding varieties like Navjot, Shakti, Decan-107, Decan-109, Use 6 kg seeds/acre. Apply one third of N and all P & K of the recommended dose of 50:24:24 kg. NPK/acre. Sow the seeds in lines with spacing of 45-60X20 cm at 5 cm soil depth.

**JUTE:** Recent rain has aggravated weed problem in early sown crop. To control grass weeds, apply Quizalofop-pethyl@2ml/litre of water at 2-3 leaf stage of weeds.

**VEGETABLES:** Chances of moderate rainfall during next five days. So, make arrangement for drain out excess water from vegetables field.

- **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.
- After rain, **leaf blight and vine rot** is likely to appear in **pointed gourd**. To control it, spray of Metalaxyl+Mancozeb@2g/litre.
- **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.
- After recent 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.

**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 BANKI- DAMPARA**

**District Past week weather condition**

**The district received 78 mm rainfall during the last week.** The mean daily maximum and minimum temperature was 33°C and 25°C, respectively. Relative humidity of the district was around 88-83%. **According to NDVI map (03.06.2020 to 09.06.2020) the agriculture vigor was moderate over few blocks, whereas according to SPI value (cumulative 4weeks-21May 2020 to 07June 2020), mildly wet condition was there.**

**Forecasted period: 17<sup>th</sup> June 2020 to 21<sup>st</sup> June 2020**

**General advisory:** Light to moderate rainfall for upcoming 5days in the block. The day temperature will 30-33°C and night temperature will be 23-24°C for upcoming 5 days. Maximum and minimum relative humidity will be 70-84% and 42-52% respectively. There will be partly cloudy to overcast sky for next 5 days. **As per IMD, Southwest monsoon has advanced into Cuttack district on 12th June. As there was 48% excess rainfall from 1<sup>st</sup> June to 15<sup>th</sup> June in the district and also the district received 78mm of rainfall in the last week and also there is forecast of rainfall in upcoming 5 days, So farmers are advised to go for direct and line sowing of direct seeded paddy now with the Monsoon rain in up and medium land condition. Its optimum time for rice sowing in low land areas received good amount of rainfall. Complete direct/line sowing in between June 3<sup>rd</sup> week in low land. They should raise the nursery for transplanted kharif rice as soon as possible.**

Block	Banki-Dampara(VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	17/06/2020	18/06/2020	19/06/2020	20/06/2020	21/06/2020
Rainfall(mm)	10	12	23	22	10
T-Max(°C)	32	30	32	33	30
T-Min(°C)	24	24	24	23	23
Cloud Cover(octa)	8	8	8	8	8
RH Max (%)	79	79	70	84	73
RH Min (%)	52	51	42	42	50
Wind Speed (Kmph)	19	18	15	14	12
Wind Direction (deg)	204	203	244	248	251

**Agromet Advisory**

**Kharif rice:** Sowing should be started soon after received of good amount of early monsoon showers where direct seeding is practiced. Incorporate FYM or compost @ 2000 Kg/acre. Apply 26 kg DAP and 20 kg MoP per acre during last ploughing. Sow the short duration varieties @ 25-30 kg/acre behind the plough with maintaining 15-20 cm row to row distance. Before sowing seed should be treated with Trichoderma viride @ 10 g or Carbendazim 50% WP @ 1.5 g/kg seed. After received of sufficient rainfall, farmers are advised for sowing of dhanicha seeds @ 12 kg/acre prior to the transplanting of paddy so that the dhanicha crop will be 3-4 weeks old before 10-15 days of transplanting of rice. Apply all phosphatic fertilizers of Kharif rice to this green manuring crop in advance. Raise the nursery for transplanted kharif rice. 400 m<sup>2</sup> area is required for one acre land. Prepare a 3 feet width and 6 inch raised bed with suitable length keeping 1 feet between two beds for irrigation and drainage. 40 baskets of FYM, 12 kg SSP and 2 kg MoP is required for 400 m<sup>2</sup> nursery area.

**Maize:** It is time for sowing of maize for green cob purpose under irrigated condition Grow high yielding varieties like Navjot, Shakti, Decan-107, Decan-109, Use 6 kg seeds/acre. Apply one third of N and all P & K of the recommended dose of 50:24:24 kg. NPK/acre. Sow the seeds in lines with spacing of 45-60X20 cm at 5 cm soil depth.

**JUTE:** Recent rain has aggravated weed problem in early sown crop. To control grass weeds, apply Quizalofop-pethyl@2ml/litre of water at 2-3 leaf stage of weeds.

**VEGETABLES:** Chances of moderate rainfall during next five days. So, make arrangement for drain out excess water from vegetables field.

- 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.
- After rain, **leaf blight and vine rot** is likely to appear in **pointed gourd**. To control it, spray of Metalaxyl+Mancozeb@2g/litre.
- 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.
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**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**

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**Forecasted period: 17<sup>th</sup> June 2020 to 21<sup>st</sup> June 2020**

**General advisory:** Light to moderate rainfall for upcoming 5 days in the block. The day temperature will 30-33°C and night temperature will be 24-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 67-81% and 42-54% respectively. There will be partly cloudy to overcast sky for next 5 days. As per IMD, Southwest monsoon has advanced into Cuttack district on 12th June. As there was 48% excess rainfall from 1<sup>st</sup> June to 15<sup>th</sup> June in the district and also the district received 78mm of rainfall in the last week and also there is forecast of rainfall in upcoming 5 days, So farmers are advised to go for direct and line sowing of direct seeded paddy now with the Monsoon rain in up and medium land condition. Its optimum time for rice sowing in low land areas received good amount of rainfall. Complete direct/line sowing in between June 3<sup>rd</sup> week in low land. They should raise the nursery for transplanted kharif rice as soon as possible.

Block	Baranga (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	17/06/2020	18/06/2020	19/06/2020	20/06/2020	21/06/2020
Rainfall(mm)	11	15	23	20	8
T-Max(°C)	33	30	33	33	31
T-Min(°C)	26	25	26	24	25
Cloud Cover	8	8	8	8	8
RH Max (%)	76	76	67	81	74
RH Min (%)	50	54	42	43	48
Wind Speed (Kmph)	24	23	18	16	13
Wind Direction (deg)	203	203	244	251	246

**Agromet Advisory**

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- 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.
- After rain, **leaf blight and vine rot** is likely to appear in **pointed gourd**. To control it, spray of Metalaxyl+Mancozeb@2g/litre.
- 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.
- After recent 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.

**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-98  
Date-16.06.2020

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

**District Past week weather condition**

The district received 78 mm rainfall during the last week. The mean daily maximum and minimum temperature was 33°C and 25°C, respectively. Relative humidity of the district was around 88-83%. According to NDVI map (03.06.2020 to 09.06.2020) the agriculture vigor was moderate over few blocks, whereas according to SPI value (cumulative 4weeks-21May 2020 to 07June 2020), mildly wet condition was there.

**Forecasted period: 17<sup>th</sup> June 2020 to 21<sup>st</sup> June 2020**

**General advisory:** Light to moderate rainfall for upcoming 5days in the block. The day temperature will 30-33°C and night temperature will be 24-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 70-82% and 41-56% respectively. There will be partly cloudy to overcast sky for next 5days. As per IMD, Southwest monsoon has advanced into Cuttack district on 12th June. As there was 48% excess rainfall from 1<sup>st</sup> June to 15<sup>th</sup> June in the district and also the district received 78mm of rainfall in the last week and also there is forecast of rainfall in upcoming 5 days, So farmers are advised to go for direct and line sowing of direct seeded paddy now with the Monsoon rain in up and medium land condition. Its optimum time for rice sowing in low land areas received good amount of rainfall. Complete direct/line sowing in between June 3<sup>rd</sup> week in low land. They should raise the nursery for transplanted kharif rice as soon as possible.

Block	Cuttack sadar (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	17/06/2020	18/06/2020	19/06/2020	20/06/2020	21/06/2020
Rainfall(mm)	10	14	22	21	9
T-Max(°C)	32	30	32	33	31
T-Min(°C)	26	25	26	24	24
Cloud Cover(octa)	8	8	8	8	8
RH Max (%)	77	78	70	82	75
RH Min (%)	51	56	41	43	52
Wind Speed (Kmph)	22	21	18	17	13
Wind Direction (deg)	203	203	244	251	248

**Agromet Advisory**

**Kharif rice:** Sowing should be started soon after received of good amount of early monsoon showers where direct seeding is practiced. Incorporate FYM or compost @ 2000 Kg/acre. Apply 26 kg DAP and 20 kg MoP per acre during last ploughing. Sow the short duration varieties @ 25-30 kg/acre behind the plough with maintaining 15-20 cm row to row distance. Before sowing seed should be treated with Trichoderma viride @ 10 g or Carbendazim 50% WP @ 1.5 g/kg seed. After received of sufficient rainfall, farmers are advised for sowing of dhanicha seeds @ 12 kg/acre prior to the transplanting of paddy so that the dhanicha crop will be 3-4 weeks old before 10-15 days of transplanting of rice. Apply all phosphatic fertilizers of Kharif rice to this green manuring crop in advance. Raise the nursery for transplanted kharif rice. 400 m<sup>2</sup> area is required for one acre land. Prepare a 3 feet width and 6 inch raised bed with suitable length keeping 1 feet between two beds for irrigation and drainage. 40 baskets of FYM, 12 kg SSP and 2 kg MoP is required for 400 m<sup>2</sup> nursery area.

**Sugarcane:** The crop is at tillering (15-16 week) stage. Early shoot borer may attack the young tillers of sugarcane. To control the early shoot borer infestation in sugarcane spray Profenofos 400ml per acre @ 2ml/litre of water. Complete hoeing and weeding and apply 100kg urea with 35kg MOP for one acre crop followed by earthing up and irrigation. Plan for irrigation at 10 days interval between 5-14 week stage of crop observing the soil moisture and forecasted rain.

**JUTE:** Recent rain has aggravated weed problem in early sown crop. To control grass weeds, apply Quizalofop-pethyl @ 2ml/litre of water at 2-3 leaf stage of weeds.

**VEGETABLES:** Chances of moderate rainfall during next five days. So, make arrangement for drain out excess water from vegetables field.

- **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.
- After rain, **leaf blight and vine rot** is likely to appear in **pointed gourd**. To control it, spray of Metalaxyl+Mancozeb @ 2g/litre.
- **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.
- After recent 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.

**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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**GRAMIN KRUSHI MAUSAM SEVA**  
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Bulletin No-98  
Date-16.06.2020

E-mail: kvkcuttack@gmail.com

**AGROMET ADVISORY BULLETIN FOR KANTAPADA**

**District Past week weather condition**

**The district received 78 mm rainfall during the last week.** The mean daily maximum and minimum temperature was 33°C and 25°C, respectively. Relative humidity of the district was around 88-83%. **According to NDVI map (03.06.2020 to 09.06.2020) the agriculture vigor was moderate over few blocks, whereas according to SPI value (cumulative 4weeks-21May 2020 to 07June 2020), mildly wet condition was there.**

**Forecasted period: 17<sup>th</sup> June 2020 to 21<sup>st</sup> June 2020**

**General advisory:** Light to moderate rainfall for upcoming 5 days in the block. The day temperature will 30-33°C and night temperature will be 25-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 66-78% and 43-51% respectively. There will be partly cloudy to overcast sky for next 5 days. **As per IMD, Southwest monsoon has advanced into Cuttack district on 12th June. As there was 48% excess rainfall from 1<sup>st</sup> June to 15<sup>th</sup> June in the district and also the district received 78mm of rainfall in the last week and also there is forecast of rainfall in upcoming 5 days, So farmers are advised to go for direct and line sowing of direct seeded paddy now with the Monsoon rain in up and medium land condition. Its optimum time for rice sowing in low land areas received good amount of rainfall. Complete direct/line sowing in between June 3<sup>rd</sup> week in low land. They should raise the nursery for transplanted kharif rice as soon as possible.**

Block	Kantapada (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	17/06/2020	18/06/2020	19/06/2020	20/06/2020	21/06/2020
Rainfall(mm)	10	12	21	19	9
T-Max(°C)	32	30	33	32	32
T-Min(°C)	26	26	27	25	25
Cloud Cover(octa)	8	8	8	8	7
RH Max (%)	76	73	66	78	72
RH Min (%)	50	51	43	44	45
Wind Speed (Kmph)	26	26	20	16	15
Wind Direction (deg)	203	204	236	248	243

**Agromet Advisory**

**Kharif rice:** Sowing should be started soon after received of good amount of early monsoon showers where direct seeding is practiced. Incorporate FYM or compost @ 2000 Kg/acre. Apply 26 kg DAP and 20 kg MoP per acre during last ploughing. Sow the short duration varieties @ 25-30 kg/acre behind the plough with maintaining 15-20 cm row to row distance. Before sowing seed should be treated with Trichoderma viride @ 10 g or Carbendazim 50% WP @ 1.5 g/kg seed. After received of sufficient rainfall, farmers are advised for sowing of dhanicha seeds @ 12 kg/acre prior to the transplanting of paddy so that the dhanicha crop will be 3-4 weeks old before 10-15 days of transplanting of rice. Apply all phosphatic fertilizers of Kharif rice to this green manuring crop in advance. Raise the nursery for transplanted kharif rice. 400 m<sup>2</sup> area is required for one acre land. Prepare a 3 feet width and 6 inch raised bed with suitable length keeping 1 feet between two beds for irrigation and drainage. 40 baskets of FYM, 12 kg SSP and 2 kg MoP is required for 400 m<sup>2</sup> nursery area.

**Sugarcane:** The crop is at tillering (15-16 week) stage. Early shoot borer may attack the young tillers of sugarcane. To control the early shoot borer infestation in sugarcane spray Profenofos 400ml per acre @ 2ml/lit of water. Complete hoeing and weeding and apply 100kg urea with 35kg MOP for one acre crop followed by earthing up and irrigation. Plan for irrigation at 10 days interval between 5-14 week stage of crop observing the soil moisture and forecasted rain.

**VEGETABLES:** **Chances of moderate rainfall during next five days. So, make arrangement for drain out excess water from vegetables field.**

- **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.
- After rain, **leaf blight and vine rot** is likely to appear in **pointed gourd**. To control it, spray of Metalaxyl+Mancozeb@2g/litre.
- **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.
- After recent 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.

**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-98  
Date-16.06.2020

**AGROMET ADVISORY BULLETIN FOR MAHANGA**

**District Past week weather condition**

The district received 78 mm rainfall during the last week. The mean daily maximum and minimum temperature was 33°C and 25°C, respectively. Relative humidity of the district was around 88-83%. According to NDVI map (03.06.2020 to 09.06.2020) the agriculture vigor was moderate over few blocks, whereas according to SPI value (cumulative 4weeks-21May 2020 to 07June 2020), mildly wet condition was there.

**Forecasted period: 17<sup>th</sup> June 2020 to 21<sup>st</sup> June 2020**

**General advisory:** Light to moderate rainfall for upcoming 5 days in the block. The day temperature will 29-33°C and night temperature will be 25-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 68-76% and 40-54% respectively. There will be partly cloudy to overcast sky for next 5 days. As per IMD, Southwest monsoon has advanced into Cuttack district on 12th June. As there was 48% excess rainfall from 1<sup>st</sup> June to 15<sup>th</sup> June in the district and also the district received 78mm of rainfall in the last week and also there is forecast of rainfall in upcoming 5 days, So farmers are advised to go for direct and line sowing of direct seeded paddy now with the Monsoon rain in up and medium land condition. Its optimum time for rice sowing in low land areas received good amount of rainfall. Complete direct/line sowing in between June 3<sup>rd</sup> week in low land. They should raise the nursery for transplanted kharif rice as soon as possible.

Block	Mahanga (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	17/06/2020	18/06/2020	19/06/2020	20/06/2020	21/06/2020
Rainfall(mm)	10	12	22	19	8
T-Max(°C)	32	29	33	33	31
T-Min(°C)	26	26	26	25	25
Cloud Cover(octal)	8	8	8	8	7
RH Max (%)	76	75	68	76	74
RH Min (%)	49	54	40	42	50
Wind Speed (Kmph)	24	24	20	20	15
Wind Direction (deg)	204	203	244	248	246

**Agromet Advisory**

**Kharif rice:** Sowing should be started soon after received of good amount of early monsoon showers where direct seeding is practiced. Incorporate FYM or compost @ 2000 Kg/acre. Apply 26 kg DAP and 20 kg MoP per acre during last ploughing. Sow the short duration varieties @ 25-30 kg/acre behind the plough with maintaining 15-20 cm row to row distance. Before sowing seed should be treated with Trichoderma viride @ 10 g or Carbendazim 50% WP @ 1.5 g/kg seed. After received of sufficient rainfall, farmers are advised for sowing of dhanicha seeds @ 12 kg/acre prior to the transplanting of paddy so that the dhanicha crop will be 3-4 weeks old before 10-15 days of transplanting of rice. Apply all phosphatic fertilizers of Kharif rice to this green manuring crop in advance. Raise the nursery for transplanted kharif rice. 400 m<sup>2</sup> area is required for one acre land. Prepare a 3 feet width and 6 inch raised bed with suitable length keeping 1 feet between two beds for irrigation and drainage. 40 baskets of FYM, 12 kg SSP and 2 kg MoP is required for 400 m<sup>2</sup> nursery area.

**Sugarcane:** The crop is at tillering (15-16 week) stage. Early shoot borer may attack the young tillers of sugarcane. To control the early shoot borer infestation in sugarcane spray Profenofos 400ml per acre @ 2ml/lit of water. Complete hoeing and weeding and apply 100kg urea with 35kg MOP for one acre crop followed by earthing up and irrigation. Plan for irrigation at 10 days interval between 5-14 week stage of crop observing the soil moisture and forecasted rain.

**VEGETABLES:** Chances of moderate rainfall during next five days. So, make arrangement for drain out excess water from vegetables field.

- **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.
- After rain, **leaf blight and vine rot** is likely to appear in **pointed gourd**. To control it, spray of Metalaxyl+Mancozeb@2g/litre.
- **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.
- After recent 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.

**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-98  
Date-16.06.2020

**AGROMET ADVISORY BULLETIN FOR NARASINGHPUR**

**District Past week weather condition**

The district received 78 mm rainfall during the last week. The mean daily maximum and minimum temperature was 33°C and 25°C, respectively. Relative humidity of the district was around 88-83%. According to NDVI map (03.06.2020 to 09.06.2020) the agriculture vigor was moderate over few blocks, whereas according to SPI value (cumulative 4weeks-21May 2020 to 07June 2020), mildly wet condition was there.

**Forecasted period: 17<sup>th</sup> June 2020 to 21<sup>st</sup> June 2020**

**General advisory:** Light to moderate rainfall for upcoming 5days in the block. The day temperature will 28-32°C and night temperature will be 22-24°C for upcoming 5 days. Maximum and minimum relative humidity will be 77-89% and 43-55% respectively. There will be partly cloudy to overcast sky for next 5 days. As per IMD, Southwest monsoon has advanced into Cuttack district on 12th June. As there was 48% excess rainfall from 1<sup>st</sup> June to 15<sup>th</sup> June in the district and also the district received 78mm of rainfall in the last week and also there is forecast of rainfall in upcoming 5 days, So farmers are advised to go for direct and line sowing of direct seeded paddy now with the Monsoon rain in up and medium land condition. Its optimum time for rice sowing in low land areas received good amount of rainfall. Complete direct/line sowing in between June 3<sup>rd</sup> week in low land. They should raise the nursery for transplanted kharif rice as soon as possible.

Block	Narasinghpur (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	17/06/2020	18/06/2020	19/06/2020	20/06/2020	21/06/2020
Rainfall(mm)	14	16	22	20	8
T-Max(°C)	32	30	29	31	28
T-Min(°C)	23	24	22	22	23
Cloud Cover(/octa)	8	8	8	7	8
RH Max (%)	89	77	81	87	79
RH Min (%)	51	52	49	43	55
Wind Speed (Kmph)	9	10	11	10	10
Wind Direction (deg)	203	236	244	270	279

**Agromet Advisory**

**Kharif rice:** Sowing should be started soon after received of good amount of early monsoon showers where direct seeding is practiced. Incorporate FYM or compost @ 2000 Kg/acre. Apply 26 kg DAP and 20 kg MoP per acre during last ploughing. Sow the short duration varieties @ 25-30 kg/acre behind the plough with maintaining 15-20 cm row to row distance. Before sowing seed should be treated with Trichoderma viride @ 10 g or Carbendazim 50% WP @ 1.5 g/kg seed. After received of sufficient rainfall, farmers are advised for sowing of dhanicha seeds @ 12 kg/acre prior to the transplanting of paddy so that the dhanicha crop will be 3-4 weeks old before 10-15 days of transplanting of rice. Apply all phosphatic fertilizers of Kharif rice to this green manuring crop in advance. Raise the nursery for transplanted kharif rice. 400 m<sup>2</sup> area is required for one acre land. Prepare a 3 feet width and 6 inch raised bed with suitable length keeping 1 feet between two beds for irrigation and drainage. 40 baskets of FYM, 12 kg SSP and 2 kg MoP is required for 400 m<sup>2</sup> nursery area.

**Maize:** It is time for sowing of maize for green cob purpose under irrigated condition Grow high yielding varieties like Navjot, Shakti, Decan-107, Decan-109, Use 6 kg seeds/acre. Apply one third of N and all P & K of the recommended dose of 50:24:24 kg. NPK/acre. Sow the seeds in lines with spacing of 45-60X20 cm at 5 cm soil depth.

**JUTE:** Recent rain has aggravated weed problem in early sown crop. To control grass weeds, apply Quizalofop-pethyl@2ml/litre of water at 2-3 leaf stage of weeds.

**VEGETABLES:** Chances of moderate rainfall during next five days. So, make arrangement for drain out excess water from vegetables field.

- **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.
- After rain, **leaf blight and vine rot** is likely to appear in **pointed gourd**. To control it, spray of Metalaxyl+Mancozeb@2g/litre.
- **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.
- After recent 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.

**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  
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Date-16.06.2020

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**AGROMET ADVISORY BULLETIN FOR NIALI**

**District Past week weather condition**

**The district received 78 mm rainfall during the last week.** The mean daily maximum and minimum temperature was 33°C and 25°C, respectively. Relative humidity of the district was around 88-83%. **According to NDVI map (03.06.2020 to 09.06.2020) the agriculture vigor was moderate over few blocks, whereas according to SPI value (cumulative 4weeks-21May 2020 to 07June 2020), mildly wet condition was there.**

**Forecasted period: 17<sup>th</sup> June 2020 to 21<sup>st</sup> June 2020**

**General advisory: Light to moderate rainfall for upcoming 5days in the block.** The day temperature will 30-34°C and night temperature will be 25-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 67-76% and 42-52% respectively. There will be partly cloudy to overcast sky for next 5 days. **As per IMD, Southwest monsoon has advanced into Cuttack district on 12th June. As there was 48% excess rainfall from 1<sup>st</sup> June to 15<sup>th</sup> June in the district and also the district received 78mm of rainfall in the last week and also there is forecast of rainfall in upcoming 5 days, So farmers are advised to go for direct and line sowing of direct seeded paddy now with the Monsoon rain in up and medium land condition. Its optimum time for rice sowing in low land areas received good amount of rainfall. Complete direct/line sowing in between June 3<sup>rd</sup> week in low land. They should raise the nursery for transplanted kharif rice as soon as possible.**

Block	Niali (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	17/06/2020	18/06/2020	19/06/2020	20/06/2020	21/06/2020
Rainfall(mm)	10	11	22	20	9
T-Max(°C)	32	30	34	32	32
T-Min(°C)	26	26	27	25	25
Cloud Cover(octa)	8	8	8	8	7
RH Max (%)	76	72	67	76	72
RH Min (%)	52	50	42	45	45
Wind Speed(Kmph)	28	29	22	17	17
Wind Direction(deg)	204	204	225	225	243

**Agromet Advisory**

**Kharif rice:** Sowing should be started soon after received of good amount of early monsoon showers where direct seeding is practiced. Incorporate FYM or compost @ 2000 Kg/acre. Apply 26 kg DAP and 20 kg MoP per acre during last ploughing. Sow the short duration varieties @ 25-30 kg/acre behind the plough with maintaining 15-20 cm row to row distance. Before sowing seed should be treated with Trichoderma viride @ 10 g or Carbendazim 50% WP @ 1.5 g/kg seed. After received of sufficient rainfall, farmers are advised for sowing of dhanicha seeds @ 12 kg/acre prior to the transplanting of paddy so that the dhanicha crop will be 3-4 weeks old before 10-15 days of transplanting of rice. Apply all phosphatic fertilizers of Kharif rice to this green manuring crop in advance. Raise the nursery for transplanted kharif rice. 400 m<sup>2</sup> area is required for one acre land. Prepare a 3 feet width and 6 inch raised bed with suitable length keeping 1 feet between two beds for irrigation and drainage. 40 baskets of FYM, 12 kg SSP and 2 kg MoP is required for 400 m<sup>2</sup> nursery area.

**Sugarcane:** The crop is at tillering (15-16 week) stage. Early shoot borer may attack the young tillers of sugarcane. To control the early shoot borer infestation in sugarcane spray Profenofos 400ml per acre @ 2ml/litre of water. Complete hoeing and weeding and apply 100kg urea with 35kg MOP for one acre crop followed by earthing up and irrigation. Plan for irrigation at 10 days interval between 5-14 week stage of crop observing the soil moisture and forecasted rain.

**VEGETABLES:** **Chances of moderate rainfall during next five days. So, make arrangement for drain out excess water from vegetables field.**

- **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.
- After rain, **leaf blight and vine rot** is likely to appear in **pointed gourd**. To control it, spray of Metalaxyl+Mancozeb@2g/litre.
- **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.
- After recent 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.

**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-98  
Date-16.06.2020

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

The district received 78 mm rainfall during the last week. The mean daily maximum and minimum temperature was 33°C and 25°C, respectively. Relative humidity of the district was around 88-83%. According to NDVI map (03.06.2020 to 09.06.2020) the agriculture vigor was moderate over few blocks, whereas according to SPI value (cumulative 4weeks-21May 2020 to 07June 2020), mildly wet condition was there.

**Forecasted period: 17<sup>th</sup> June 2020 to 21<sup>st</sup> June 2020**

**General advisory:** Light to moderate rainfall for upcoming 5days in the block. The day temperature will 30-33°C and night temperature will be 25-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 67-76% and 39-53% respectively. There will be partly cloudy to overcast sky for next 5 days. As per IMD, Southwest monsoon has advanced into Cuttack district on 12th June. As there was 48% excess rainfall from 1<sup>st</sup> June to 15<sup>th</sup> June in the district and also the district received 78mm of rainfall in the last week and also there is forecast of rainfall in upcoming 5 days, So farmers are advised to go for direct and line sowing of direct seeded paddy now with the Monsoon rain in up and medium land condition. Its optimum time for rice sowing in low land areas received good amount of rainfall. Complete direct/line sowing in between June 3<sup>rd</sup> week in low land. They should raise the nursery for transplanted kharif rice as soon as possible.

Block	Nischintakoili (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	17/06/2020	18/06/2020	19/06/2020	20/06/2020	21/06/2020
Rainfall(mm)	10	12	22	19	8
T-Max(°C)	33	30	33	33	31
T-Min(°C)	26	26	27	25	25
Cloud Cover(octa)	8	8	8	8	7
RH Max (%)	75	74	67	76	73
RH Min (%)	48	53	39	43	47
Wind Speed (Kmph)	25	25	20	19	15
Wind Direction (deg)	204	203	244	248	246

**Agromet Advisory**

**Kharif rice:** Sowing should be started soon after received of good amount of early monsoon showers where direct seeding is practiced. Incorporate FYM or compost @ 2000 Kg/acre. Apply 26 kg DAP and 20 kg MoP per acre during last ploughing. Sow the short duration varieties @ 25-30 kg/acre behind the plough with maintaining 15-20 cm row to row distance. Before sowing seed should be treated with Trichoderma viride @ 10 g or Carbendazim 50% WP @ 1.5 g/kg seed. After received of sufficient rainfall, farmers are advised for sowing of dhanicha seeds @ 12 kg/acre prior to the transplanting of paddy so that the dhanicha crop will be 3-4 weeks old before 10-15 days of transplanting of rice. Apply all phosphatic fertilizers of Kharif rice to this green manuring crop in advance. Raise the nursery for transplanted kharif rice. 400 m2 area is required for one acre land. Prepare a 3 feet width and 6 inch raised bed with suitable length keeping 1 feet between two beds for irrigation and drainage. 40 baskets of FYM, 12 kg SSP and 2 kg MoP is required for 400 m2 nursery area.

**Sugarcane:** The crop is at tillering (15-16 week) stage. Early shoot borer may attack the young tillers of sugarcane. To control the early shoot borer infestation in sugarcane spray Profenofos 400ml per acre @ 2ml/litre of water. Complete hoeing and weeding and apply 100kg urea with 35kg MOP for one acre crop followed by earthing up and irrigation. Plan for irrigation at 10 days interval between 5-14 week stage of crop observing the soil moisture and forecasted rain.

**VEGETABLES:** Chances of moderate rainfall during next five days. So, make arrangement for drain out excess water from vegetables field.

- 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.
- After rain, **leaf blight and vine rot** is likely to appear in **pointed gourd**. To control it, spray of Metalaxyl+Mancozeb@2g/litre.
- 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.
- After recent 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.

**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**  
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Bulletin No-98  
Date-16.06.2020

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**AGROMET ADVISORY BULLETIN FOR SALEPUR**

**District Past week weather condition**

The district received 78 mm rainfall during the last week. The mean daily maximum and minimum temperature was 33°C and 25°C, respectively. Relative humidity of the district was around 88-83%. According to NDVI map (03.06.2020 to 09.06.2020) the agriculture vigor was moderate over few blocks, whereas according to SPI value (cumulative 4weeks-21May 2020 to 07June 2020), mildly wet condition was there.

**Forecasted period: 17<sup>th</sup> June 2020 to 21<sup>st</sup> June 2020**

**General advisory:** Light to moderate rainfall for upcoming 5days in the block. The day temperature will 29-33°C and night temperature will be 25-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 68-77% and 40-54% respectively. There will be partly cloudy to overcast sky for next 5 days. As per IMD, Southwest monsoon has advanced into Cuttack district on 12th June. As there was 48% excess rainfall from 1<sup>st</sup> June to 15<sup>th</sup> June in the district and also the district received 78mm of rainfall in the last week and also there is forecast of rainfall in upcoming 5 days, So farmers are advised to go for direct and line sowing of direct seeded paddy now with the Monsoon rain in up and medium land condition. Its optimum time for rice sowing in low land areas received good amount of rainfall. Complete direct/line sowing in between June 3<sup>rd</sup> week in low land. They should raise the nursery for transplanted kharif rice as soon as possible.

Block	Salepur (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)					
	Date	17/06/2020	18/06/2020	19/06/2020	20/06/2020	21/06/2020
Rainfall(mm)		11	13	21	19	7
T-Max(°C)		32	29	33	33	31
T-Min(°C)		26	26	26	25	25
Cloud Cover(octa)		8	8	8	8	7
RH Max (%)		76	75	68	77	73
RH Min (%)		48	54	40	43	48
Wind Speed (Kmph)		24	24	20	19	15
Wind Direction (deg)		203	203	244	248	246

**Agromet Advisory**

**Kharif rice:** Sowing should be started soon after received of good amount of early monsoon showers where direct seeding is practiced. Incorporate FYM or compost @ 2000 Kg/acre. Apply 26 kg DAP and 20 kg MoP per acre during last ploughing. Sow the short duration varieties @ 25-30 kg/acre behind the plough with maintaining 15-20 cm row to row distance. Before sowing seed should be treated with Trichoderma viride @ 10 g or Carbendazim 50% WP @ 1.5 g/kg seed. After received of sufficient rainfall, farmers are advised for sowing of dhanicha seeds @ 12 kg/acre prior to the transplanting of paddy so that the dhanicha crop will be 3-4 weeks old before 10-15 days of transplanting of rice. Apply all phosphatic fertilizers of Kharif rice to this green manuring crop in advance. Raise the nursery for transplanted kharif rice. 400 m<sup>2</sup> area is required for one acre land. Prepare a 3 feet width and 6 inch raised bed with suitable length keeping 1 feet between two beds for irrigation and drainage. 40 baskets of FYM, 12 kg SSP and 2 kg MoP is required for 400 m<sup>2</sup> nursery area.

**Maize:** It is time for sowing of maize for green cob purpose under irrigated condition Grow high yielding varieties like Navjot, Shakti, Decan-107, Decan-109, Use 6 kg seeds/acre. Apply one third of N and all P & K of the recommended dose of 50:24:24 kg. NPK/acre. Sow the seeds in lines with spacing of 45-60X20 cm at 5 cm soil depth.

**JUTE:** Recent rain has aggravated weed problem in early sown crop. To control grass weeds, apply Quizalofop-pethyl @ 2ml/litre of water at 2-3 leaf stage of weeds.

**VEGETABLES:** Chances of moderate rainfall during next five days. So, make arrangement for drain out excess water from vegetables field.

- **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.
- After rain, **leaf blight and vine rot** is likely to appear in **pointed gourd**. To control it, spray of Metalaxyl+Mancozeb@2g/litre.
- **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.
- After recent 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.

**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**  
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Bulletin No-98  
Date-16.06.2020

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**AGROMET ADVISORY BULLETIN FOR TANGI-CHOUDWAR**

District Past week weather condition

The district received 78 mm rainfall during the last week. The mean daily maximum and minimum temperature was 33°C and 25°C, respectively. Relative humidity of the district was around 88-83%. According to NDVI map (03.06.2020 to 09.06.2020) the agriculture vigor was moderate over few blocks, whereas according to SPI value (cumulative 4weeks-21May 2020 to 07June 2020), mildly wet condition was there.

Forecasted period: 17<sup>th</sup> June 2020 to 21<sup>st</sup> June 2020

**General advisory:** Light to moderate rainfall for upcoming 5days in the block. The day temperature will 34-36°C and night temperature will be 29-31°C for upcoming 5 days. Maximum and minimum relative humidity will be 69-78% and 48-57% respectively. There will be partly cloudy to overcast sky for next 5 days. As per IMD, Southwest monsoon has advanced into Cuttack district on 12th June. As there was 48% excess rainfall from 1<sup>st</sup> June to 15<sup>th</sup> June in the district and also the district received 78mm of rainfall in the last week and also there is forecast of rainfall in upcoming 5 days, So farmers are advised to go for direct and line sowing of direct seeded paddy now with the Monsoon rain in up and medium land condition. Its optimum time for rice sowing in low land areas received good amount of rainfall. Complete direct/line sowing in between June 3<sup>rd</sup> week in low land. They should raise the nursery for transplanted kharif rice as soon as possible.

Block	Tangi-Choudwar(VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	Date	17/06/2020	18/06/2020	19/06/2020	20/06/2020
Rainfall(mm)	11	14	22	21	9
T-Max(°C)	35	34	36	36	35
T-Min(°C)	30	30	31	29	29
Cloud Cover(octa)	8	8	8	8	7
RH Max (%)	78	75	69	76	74
RH Min (%)	57	54	48	51	52
Wind Speed (Kmph)	29	31	25	21	20
Wind Direction (deg)	207	204	238	236	238

Agromet Advisory

**Kharif rice:** Sowing should be started soon after received of good amount of early monsoon showers where direct seeding is practiced. Incorporate FYM or compost @ 2000 Kg/acre. Apply 26 kg DAP and 20 kg MoP per acre during last ploughing. Sow the short duration varieties @ 25-30 kg/acre behind the plough with maintaining 15-20 cm row to row distance. Before sowing seed should be treated with Trichoderma viride @ 10 g or Carbendazim 50% WP @ 1.5 g/kg seed. After received of sufficient rainfall, farmers are advised for sowing of dhanicha seeds @ 12 kg/acre prior to the transplanting of paddy so that the dhanicha crop will be 3-4 weeks old before 10-15 days of transplanting of rice. Apply all phosphatic fertilizers of Kharif rice to this green manuring crop in advance. Raise the nursery for transplanted kharif rice. 400 m<sup>2</sup> area is required for one acre land. Prepare a 3 feet width and 6 inch raised bed with suitable length keeping 1 feet between two beds for irrigation and drainage. 40 baskets of FYM, 12 kg SSP and 2 kg MoP is required for 400 m<sup>2</sup> nursery area.

**Maize:** It is time for sowing of maize for green cob purpose under irrigated condition Grow high yielding varieties like Navjot, Shakti, Decan-107, Decan-109, Use 6 kg seeds/acre. Apply one third of N and all P & K of the recommended dose of 50:24:24 kg. NPK/acre. Sow the seeds in lines with spacing of 45-60X20 cm at 5 cm soil depth.

**JUTE:** Recent rain has aggravated weed problem in early sown crop. To control grass weeds, apply Quizalofop-pethyl@2ml/litre of water at 2-3 leaf stage of weeds.

**VEGETABLES:** Chances of moderate rainfall during next five days. So, make arrangement for drain out excess water from vegetables field.

- **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 Azoxytrobilin+Tebuconazole @0.6g/litre of water at 10 days interval.
- After rain, **leaf blight and vine rot** is likely to appear in **pointed gourd**. To control it, spray of Metalaxyl+Mancozeb@2g/litre.
- **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.
- After recent rain, downy mildew disease will appear in cucurbits. To control it, go for alternate spray of Metalaxyl+Mancozeb@2g/litre and Azoxytrobilin+Tebuconazole @0.6g/litre of water at 10 days interval.

**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-98  
Date-16.06.2020

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**AGROMET ADVISORY BULLETIN FOR TIGIRIA**

**District Past week weather condition**

The district received 78 mm rainfall during the last week. The mean daily maximum and minimum temperature was 33°C and 25°C, respectively. Relative humidity of the district was around 88-83%. According to NDVI map (03.06.2020 to 09.06.2020) the agriculture vigor was moderate over few blocks, whereas according to SPI value (cumulative 4weeks-21May 2020 to 07June 2020), mildly wet condition was there.

**Forecasted period: 17<sup>th</sup> June 2020 to 21<sup>st</sup> June 2020**

**General advisory:** Light to moderate rainfall for upcoming 5days in the block. The day temperature will 30-33°C and night temperature will be 23-24°C for upcoming 5 days. Maximum and minimum relative humidity will be 76-87% and 44-56% respectively. There will be partly cloudy to overcast sky for next 5 days. As per IMD, Southwest monsoon has advanced into Cuttack district on 12th June. As there was 48% excess rainfall from 1<sup>st</sup> June to 15<sup>th</sup> June in the district and also the district received 78mm of rainfall in the last week and also there is forecast of rainfall in upcoming 5 days, So farmers are advised to go for direct and line sowing of direct seeded paddy now with the Monsoon rain in up and medium land condition. Its optimum time for rice sowing in low land areas received good amount of rainfall. Complete direct/line sowing in between June 3<sup>rd</sup> week in low land. They should raise the nursery for transplanted kharif rice as soon as possible.

Block	Tigiria (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	17/06/2020	18/06/2020	19/06/2020	20/06/2020	21/06/2020
Date	17/06/2020	18/06/2020	19/06/2020	20/06/2020	21/06/2020
Rainfall(mm)	12	14	22	20	7
T-Max(°C)	32	30	31	33	30
T-Min(°C)	24	24	24	23	23
Cloud Cover(octa)	8	8	8	8	8
RH Max (%)	82	81	76	87	76
RH Min (%)	54	54	45	44	56
Wind Speed (Kmph)	17	15	14	13	11
Wind Direction (deg)	203	205	244	248	259

**Agromet Advisory**

**Kharif rice:** Sowing should be started soon after received of good amount of early monsoon showers where direct seeding is practiced. Incorporate FYM or compost @ 2000 Kg/acre. Apply 26 kg DAP and 20 kg MoP per acre during last ploughing. Sow the short duration varieties @ 25-30 kg/acre behind the plough with maintaining 15-20 cm row to row distance. Before sowing seed should be treated with Trichoderma viride @ 10 g or Carbendazim 50% WP @ 1.5 g/kg seed. After received of sufficient rainfall, farmers are advised for sowing of dhanicha seeds @ 12 kg/acre prior to the transplanting of paddy so that the dhanicha crop will be 3-4 weeks old before 10-15 days of transplanting of rice. Apply all phosphatic fertilizers of Kharif rice to this green manuring crop in advance. Raise the nursery for transplanted kharif rice. 400 m<sup>2</sup> area is required for one acre land. Prepare a 3 feet width and 6 inch raised bed with suitable length keeping 1 feet between two beds for irrigation and drainage. 40 baskets of FYM, 12 kg SSP and 2 kg MoP is required for 400 m<sup>2</sup> nursery area.

**Maize:** It is time for sowing of maize for green cob purpose under irrigated condition Grow high yielding varieties like Navjot, Shakti, Decan-107, Decan-109, Use 6 kg seeds/acre. Apply one third of N and all P & K of the recommended dose of 50:24:24 kg. NPK/acre. Sow the seeds in lines with spacing of 45-60X20 cm at 5 cm soil depth.

**JUTE:** Recent rain has aggravated weed problem in early sown crop. To control grass weeds, apply Quizalofop-pethyl @ 2ml/litre of water at 2-3 leaf stage of weeds.

**VEGETABLES:** Chances of moderate rainfall during next five days. So, make arrangement for drain out excess water from vegetables field.

- 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.
- After rain, **leaf blight and vine rot** is likely to appear in **pointed gourd**. To control it, spray of Metalaxyl+Mancozeb@2g/litre.
- 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.
- After recent 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.

**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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