



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



Bulletin No-106
Date-14.07.2020

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AGROMET ADVISORY BULLETIN FOR ATHAGAD

District Past week weather condition and Block past Rainfall condition

The block received 39 mm and district received 38 mm rainfall during the last week. The mean daily maximum and minimum temperature was 34°C and 25°C, respectively. Relative humidity of the district was around 87-80%. According to NDVI map (01.07.2020 to 07.07.2020) the agriculture vigor was less over maximum blocks and very less over some part of Athagad, Banki and Niali, Tangi, whereas according to SPI value (cumulative 4weeks- 1 June 2020 to 8 July 2020), moderately dry condition was there.

Forecasted period: 15th July 2020 to 19th July 2020

General advisory: Moderate rainfall is forecasted for today and tomorrow and very light to light rainfall is forecasted for next 3 days up to Saturday. The day temperature will 29-34°C and night temperature will be 24-25°C for upcoming 5 days. Maximum and minimum relative humidity will be 82-87% and 51-69% respectively. There will partly cloudy to overcast sky for next 5 days. There will be below normal rainfall in the upcoming week (19-25 July) in Odisha condition.

Block	Athagad (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	15/07/2020	16/07/2020	17/07/2020	18/07/2020	19/07/2020
Rainfall (mm)	23	12	2	4	8
T-Max (°C)	29	34	33	33	33
T-Min (°C)	24	25	25	25	25
Cloud Cover (octa)	8	6	5	7	8
RH Max (%)	87	85	84	83	82
RH Min (%)	69	52	54	51	54
Wind Speed (kmph)	7	19	16	12	17
Wind Direction (deg)	200	201	159	148	159

Agromet Advisory

General: Rainfall is expected during next five days, spray only when sky becomes clear and use sticker to the spray solution. Farmers may go for transplanting of paddy as 39mm rainfall is realized in the past week and also light to moderate rainfall is forecasted for the block in upcoming 5 days. Farmers are advised to do proper arrangement for storing rain water at one portion in the field as there will be below normal rainfall in the upcoming week (19-25 July) in Odisha condition. This water can be used for irrigation in the crops during dry spell. Go for sowing of non-paddy crops like Ragi, Maize, Arhar, Green gram, Black gram, Cowpea, Sesame etc. Go for sowing of fodder crops like maize, sorghum, cowpea etc. Use seed rate of 20, 14 and 14 kg/acre for maize, sorghum and cowpea, respectively. Before sowing of any crop, farmers are advised for application of well decomposed FYM or compost, it increases the water use efficiency as well as nutrient quantity in the soil. Farmers are also advised to increase the use of potash; it helps in minimizing the losses due to the moisture stress during dry spell. Keep the cattle shed clean in rainy season. Use lime and bleaching powder for cleaning.

Kharif Rice: Intermittent dry and wet weather condition, is favourable for incidence of BLB and Sheath blight in early sown nursery seedlings. Go for foliar spray of Hexaconazole with Plantomycin@1.0 g/l to prevent the spread of the disease. Prevailing high temperature condition may lead to infestation of rice thrips in rice nursery. Apply Fipronil 5SC@2ml/l of water or Thiomethoxam@0.4g/ litre of water. In direct seeded rice and early sown rice nurseries, due to erratic rain weed infestation is now a major problem. To control the weeds at two to three leaf stage, spray Bispyribac sodium@20g a.i. ha-1 in 500 litres of water. Utilizing recent rain go for wet nursery sowing in rain deficient blocks or nursery should be prepared with assured irrigation facility.

MAIZE: Early sown crop is at 3 week stage. Go for hoeing and weeding. Apply 16 kg Nitrogen /ac followed by earthing up.

CASHEW NUT: July is the optimum time for cashewnut planting. Grow HYV namely Vengrulla-1.4, BPP-4, Bhubaneswar-1, VRI-2, Hybrid 2-17. Dig out pits of 45x45x45cm at 7.5x7.5m apart in coastal areas, 6x6 m in inland area and 4x4 m in marginal land. Plant 70-80 seedling/acre. Before planting apply 110:60 g NP/pit.

JUTE: Current rainy weather is favourable for attack of Bihari hair caterpillar and other foliage feeders. To control these insects, spray Lambda cyhalothrin 4.9CS @1ml/litre of water. **ARHAR:** Now the weather is optimum for sowing of arhar. Grow High Yielding varieties suitable for Orissa climate such as Early-duration Prabhat, Upas-120, ICPL-86012, Medium duration- Asha, Visakha, Use 8-10 kg/acre Before sowing seeds are to be treated with 2 g Bavistin/kg seeds. Treat the seeds with the Rhizobium culture @ 200 g culture/8-10 kg. Apply 8:16 kg NP/acre during final land preparation under rainfed condition and apply 50% more to irrigated crop. Sow the seeds in line 45-60 cm apart depending upon the duration with 15 -20 cm plant to plant distance.

VEGETABLES:

- Nursery treatment of Brinjal seedlings by soil drenching in nursery with Tebuconazole@1ml/l and Plantomycin@1g/l of water seven days before transplanting
- Select suitable YMV tolerant Okra seeds.
- Go for seed treatment of seeds of cucurbit vegetables with Carboxin+Thiram@1.5g/kg seed Current weather is favourable for attack of Epilachna beetle in Brinjal nursery & ratoon crop besides in Cucurbits. Spray Acephate@1.5g/l of water to control it.
- To control thrips in chilli spray 300ml ethion or 400ml carbosulphan in 200litre water/ac.
- Present weather may aggravate fruit rot in pointed gourd, to control it remove damaged fruit from the field and drain out excess water. Spray alternately Copper Oxychloride 50% WP (4 g/litre of water) and Metalaxyl 8% + Mancozeb 64% (3 g/litre of water) at sunset on the date of harvest.

ANIMAL HUSBANDRY: Vaccination of livestock should be done. Animal shed should be corrected to protect from direct effect of rain and also should be freed from bushes, grasses and water stagnation.

Dr.Dilip Ranjan Sarangi
(Nodal officer)



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Bulletin No-106
Date-14.07.2020

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AGROMET ADVISORY BULLETIN FOR BADAMBA

District Past week weather condition

The district received 38 mm rainfall during the last week. The mean daily maximum and minimum temperature was 34°C and 25°C, respectively. Relative humidity of the district was around 87-80%. **According to NDVI map (01.07.2020 to 07.07.2020) the agriculture vigor was less over maximum blocks and very less over some part of Athagad, Banki and Niali,Tangi, whereas according to SPI value (cumulative 4weeks- 1June 2020 to 8 July 2020), moderately dry condition was there.**

Forecasted period: 15th July 2020 to 19th July 2020

General advisory: Moderate rainfall is forecasted for today and tomorrow and very light to light rainfall is forecasted for next 3 days up to Saturday. The day temperature will 29-34°C and night temperature will be 24°C for upcoming 5 days. Maximum and minimum relative humidity will be 83-87% and 52-63% respectively. There will be partly cloudy to overcast sky for next 5 days. **There will be below normal rainfall in the upcoming week (19-25 July) in Odisha condition.**

Block	Badamba (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	15/07/2020	16/07/2020	17/07/2020	18/07/2020	19/07/2020
Rainfall(mm)	22	13	2	8	5
T-Max(°C)	29	34	33	33	33
T-Min(°C)	24	24	24	24	24
Cloud Cover(octa)	8	6	4	7	8
RH Max (%)	87	86	85	84	83
RH Min (%)	63	53	54	52	54
Wind Speed (Kmph)	5	17	14	9	15
Wind Direction (deg)	205	201	160	144	159

Agromet Advisory

General: Rainfall is expected during next five days, spray only when sky becomes clear and use sticker to the spray solution. Farmers may go for transplanting of paddy as light to moderate rainfall is realized in the past week and also light to moderate rainfall is forecasted for the block in upcoming 5 days. Farmers are advised to do proper arrangement for storing rain water at one portion in the field as there will be below normal rainfall in the upcoming week (19-25 July) in Odisha condition. This water can be used for irrigation in the crops during dry spell. Go for sowing of non-paddy crops like Ragi, Maize, Arhar, Green gram, Black gram, Cowpea, Sesame etc. Go for sowing of fodder crops like maize, sorghum, cowpea etc. Use seed rate of 20, 14 and 14 kg/acre for maize, sorghum and cowpea, respectively. Before sowing of any crop, farmers are advised for application of well decomposed FYM or compost, it increases the water use efficiency as well as nutrient quantity in the soil. Farmers are also advised to increase the use of potash; it helps in minimizing the losses due to the moisture stress during dry spell. Keep the cattle shed clean in rainy season. Use lime and bleaching powder for cleaning.

Kharif Rice: Intermittent dry and wet weather condition, is favourable for incidence of BLB and Sheath blight in early sown nursery seedlings. Go for foliar spray of Hexaconazole with Plantomycin@1.0 g/l to prevent the spread of the disease. Prevailing high temperature condition may lead to infestation of rice thrips in rice nursery. Apply Fipronil 5SC@2ml/l of water or Thiomethoxam@0.4g/ litre of water. In direct seeded rice and early sown rice nurseries, due to erratic rain weed infestation is now a major problem. To control the weeds at two to three leaf stage, spray Bispyribac sodium@20g a.i. ha-1 in 500 litres of water. Utilizing recent rain go for wet nursery sowing in rain deficient blocks or nursery should be prepared with assured irrigation facility.

MAIZE: Early sown crop is at 3 week stage. Go for hoeing and weeding. Apply 16 kg Nitrogen /ac followed by earthing up.

CASHEW NUT: July is the optimum time for cashewnut planting. Grow HYV namely Vengrulla-1.4, BPP-4, Bhubaneswar-1, VRI-2, Hybrid 2-17. Dig out pits of 45x45x45cm at 7.5x7.5m apart in coastal areas, 6x6 m in inland area and 4x4 m in marginal land. Plant 70-80 seedling/acre. Before planting apply 110:60 g NP/pit.

JUTE: Current rainy weather is favourable for attack of Bihari hair caterpillar and other foliage feeders. To control these insects, spray Lambda cyhalothrin 4.9CS @1ml/litre of water

ARHAR: Now the weather is optimum for sowing of arhar. Grow High Yielding varieties suitable for Orissa climate such as Early-durationPrabhat, Upas-120, ICPL-86012, Medium duration- Asha, Visakha, Use 8-10 kg/acre Before sowing seeds are to be treated with 2 g Bavistin/kg seeds. Treat the seeds with the Rhizobium culture @ 200 g culture/8-10 kg. Apply 8:16 kg NP/acre during final land preparation under rainfed condition and apply 50% more to irrigated crop. Sow the seeds in line 45-60 cm apart depending upon the duration with 15 –20 cm plant to plant distance.

VEGETABLES:

- Nursery treatment of Brinjal seedlings by soil drenching in nursery with Tebuconazole@1ml/l and Plantomycin@1g/l of water seven days before transplanting
- Select suitable YMV tolerant Okra seeds.
- Go for seed treatment of seeds of cucurbit vegetables with Carboxin+Thiram@1.5g/kg seed Current weather is favourable for attack of **Epilachna beetle** in Brinjal nursery & ratoon crop besides in Cucurbits. Spray Acephate@1.5g/l of water to control it.
- To control **thrips in chilli** spray 300ml ethion or 400ml carbosulphan in 200litre water/ac.
- Present weather may aggravate **fruit rot in pointed gourd**, to control it remove damaged fruit from the field and drain out excess water. Spray alternately Copper Oxychloride 50% WP (4 g/litre of water) and Metalaxyl 8% + Mancozeb 64% (3 g/litre of water) at sunset on the date of harvest.

ANIMAL HUSBANDRY: Vaccination of livestock should be done. Animal shed should be corrected to protect from direct effect of rain and also should be freed from bushes, grasses and water stagnation.

Dr.Dilip Ranjan Sarangi
(Nodal officer)



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AGROMET ADVISORY BULLETIN FOR BANKI

District Past week weather condition and Block past Rainfall condition

The block received 73 mm and district received 38 mm rainfall during the last week. The mean daily maximum and minimum temperature was 34°C and 25°C, respectively. Relative humidity of the district was around 87-80%. **According to NDVI map (01.07.2020 to 07.07.2020) the agriculture vigor was less over maximum blocks and very less over some part of Athagad, Banki and Niali, Tangi, whereas according to SPI value (cumulative 4weeks- 1 June 2020 to 8 July 2020), moderately dry condition was there.**

Forecasted period: 15th July 2020 to 19th July 2020

General advisory: Moderate rainfall is forecasted for today and tomorrow and very light to light rainfall is forecasted for next 3 days up to Saturday. The day temperature will be 29-34°C and night temperature will be 24-25°C for upcoming 5 days. Maximum and minimum relative humidity will be 81-86% and 49-65% respectively. There will be partly cloudy to overcast sky for next 5 days. **There will be below normal rainfall in the upcoming week (19-25 July) in Odisha condition.**

Block	Banki (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	15/07/2020	16/07/2020	17/07/2020	18/07/2020	19/07/2020
Rainfall(mm)	24	12	2	1	3
T-Max(°C)	29	34	33	33	33
T-Min(°C)	24	24	25	25	24
Cloud Cover(octa)	8	6	4	7	8
RH Max (%)	86	84	83	82	81
RH Min (%)	65	51	53	49	52
Wind Speed (Kmph)	7	20	16	11	17
Wind Direction (deg)	203	201	159	155	159

Agromet Advisory

General: Rainfall is expected during next five days, spray only when sky becomes clear and use sticker to the spray solution. Farmers may go for transplanting of paddy as **73mm rainfall is realized in the past week** and also light to moderate rainfall is forecasted for the block in upcoming 5 days. Farmers are advised to do proper arrangement for storing rain water at one portion in the field as there will be below normal rainfall in the upcoming week (19-25 July) in Odisha condition. This water can be used for irrigation in the crops during dry spell. Go for sowing of non-paddy crops like Ragi, Maize, Arhar, Green gram, Black gram, Cowpea, Sesame etc. Go for sowing of fodder crops like maize, sorghum, cowpea etc. Use seed rate of 20, 14 and 14 kg/acre for maize, sorghum and cowpea, respectively. Before sowing of any crop, farmers are advised for application of well decomposed FYM or compost, it increases the water use efficiency as well as nutrient quantity in the soil. Farmers are also advised to increase the use of potash; it helps in minimizing the losses due to the moisture stress during dry spell. Keep the cattle shed clean in rainy season. Use lime and bleaching powder for cleaning.

Kharif Rice: Intermittent dry and wet weather condition, is favourable for incidence of BLB and Sheath blight in early sown nursery seedlings. Go for foliar spray of Hexaconazole with Plantomycin@1.0 g/l to prevent the spread of the disease. Prevailing high temperature condition may lead to infestation of rice thrips in rice nursery. Apply Fipronil 5SC@2ml/l of water or Thiomethoxam@0.4g/ litre of water. In direct seeded rice and early sown rice nurseries, due to erratic rain weed infestation is now a major problem. To control the weeds at two to three leaf stage, spray Bispyribac sodium@20g a.i. ha-1 in 500 litres of water. Utilizing recent rain go for wet nursery sowing in rain deficient blocks or nursery should be prepared with assured irrigation facility.

MAIZE: Early sown crop is at 3 week stage. Go for hoeing and weeding. Apply 16 kg Nitrogen /ac followed by earthing up.

CASHEW NUT: July is the optimum time for cashewnut planting. Grow HYV namely Vengrulla-1.4, BPP-4, Bhubaneswar-1, VRI-2, Hybrid 2-17. Dig out pits of 45x45x45cm at 7.5x7.5m apart in coastal areas, 6x6 m in inland area and 4x4 m in marginal land. Plant 70-80 seedling/acre. Before planting apply 110:60 g NP/pit.

JUTE: Current rainy weather is favourable for attack of Bihari hair caterpillar and other foliage feeders. To control these insects, spray Lambda cyhalothrin 4.9CS @1ml/litre of water

ARHAR: Now the weather is optimum for sowing of arhar. Grow High Yielding varieties suitable for Orissa climate such as Early-durationPrabhat, Upas-120, ICPL-86012, Medium duration- Asha, Visakha, Use 8-10 kg/acre Before sowing seeds are to be treated with 2 g Bavistin/kg seeds. Treat the seeds with the Rhizobium culture @ 200 g culture/8-10 kg. Apply 8:16 kg NP/acre during final land preparation under rainfed condition and apply 50% more to irrigated crop. Sow the seeds in line 45-60 cm apart depending upon the duration with 15 –20 cm plant to plant distance.

VEGETABLES:

- Nursery treatment of Brinjal seedlings by soil drenching in nursery with Tebuconazole@1ml/l and Plantomycin@1g/l of water seven days before transplanting
- Select suitable YMV tolerant Okra seeds.
- Go for seed treatment of seeds of cucurbit vegetables with Carboxin+Thiram@1.5g/kg seed Current weather is favourable for attack of **Epilachna beetle** in Brinjal nursery & ratoon crop besides in Cucurbits. Spray Acephate@1.5g/l of water to control it.
- To control **thrips in chilli** spray 300ml ethion or 400ml carbosulphan in 200litre water/ac.
- Present weather may aggravate **fruit rot in pointed gourd**, to control it remove damaged fruit from the field and drain out excess water. Spray alternately Copper Oxychloride 50% WP (4 g/litre of water) and Metalaxyl 8% + Mancozeb 64% (3 g/litre of water) at sunset on the date of harvest.

ANIMAL HUSBANDRY: Vaccination of livestock should be done. Animal shed should be corrected to protect from direct effect of rain and also should be freed from bushes, grasses and water stagnation.

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(Nodal officer)



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AGROMET ADVISORY BULLETIN FOR BANKI- DAMPARA

District Past week weather condition

The district received 38 mm rainfall during the last week. The mean daily maximum and minimum temperature was 34°C and 25°C, respectively. Relative humidity of the district was around 87-80%. **According to NDVI map (01.07.2020 to 07.07.2020) the agriculture vigor was less over maximum blocks and very less over some part of Athagad, Banki and Niali,Tangi, whereas according to SPI value (cumulative 4weeks- 1June 2020 to 8 July 2020), moderately dry condition was there.**

Forecasted period: 15th July 2020 to 19th July 2020

General advisory: Moderate rainfall is forecasted for today and tomorrow and very light to light rainfall is forecasted for next 3 days up to Saturday. The day temperature will be 29-34°C and night temperature will be 24-25°C for upcoming 5 days. Maximum and minimum relative humidity will be 81-86% and 49-66% respectively. There will be partly cloudy to overcast sky for next 5 days. **There will be below normal rainfall in the upcoming week (19-25 July) in Odisha condition.**

Block	Banki-Dampara (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	15/07/2020	16/07/2020	17/07/2020	18/07/2020	19/07/2020
Rainfall(mm)	25	11	2	3	4
T-Max(°C)	29	34	33	33	33
T-Min(°C)	24	24	25	25	25
Cloud Cover(octa)	8	6	4	7	8
RH Max (%)	86	84	83	82	81
RH Min (%)	66	52	54	49	53
Wind Speed (Kmph)	7	20	16	11	17
Wind Direction (deg)	203	201	162	155	162

Agromet Advisory

General: Rainfall is expected during next five days, spray only when sky becomes clear and use sticker to the spray solution. Farmers may go for transplanting of paddy as good amount rainfall is realized in the past week and also light to moderate rainfall is forecasted for the block in upcoming 5 days. Farmers are advised to do proper arrangement for storing rain water at one portion in the field as there will be below normal rainfall in the upcoming week (19-25 July) in Odisha condition. This water can be used for irrigation in the crops during dry spell. Go for sowing of non-paddy crops like Ragi, Maize, Arhar, Green gram, Black gram, Cowpea, Sesame etc. Go for sowing of fodder crops like maize, sorghum, cowpea etc. Use seed rate of 20, 14 and 14 kg/acre for maize, sorghum and cowpea, respectively. Before sowing of any crop, farmers are advised for application of well decomposed FYM or compost, it increases the water use efficiency as well as nutrient quantity in the soil. Farmers are also advised to increase the use of potash; it helps in minimizing the losses due to the moisture stress during dry spell. Keep the cattle shed clean in rainy season. Use lime and bleaching powder for cleaning.

Kharif Rice: Intermittent dry and wet weather condition, is favourable for incidence of BLB and Sheath blight in early sown nursery seedlings. Go for foliar spray of Hexaconazole with Plantomycin@1.0 g/l to prevent the spread of the disease. Prevailing high temperature condition may lead to infestation of rice thrips in rice nursery. Apply Fipronil 5SC@2ml/l of water or Thiomethoxam@0.4g/ litre of water. In direct seeded rice and early sown rice nurseries, due to erratic rain weed infestation is now a major problem. To control the weeds at two to three leaf stage, spray Bispyribac sodium@20g a.i. ha-1 in 500 litres of water. Utilizing recent rain go for wet nursery sowing in rain deficient blocks or nursery should be prepared with assured irrigation facility.

MAIZE: Early sown crop is at 3 week stage. Go for hoeing and weeding. Apply 16 kg Nitrogen /ac followed by earthing up.

CASHEW NUT: July is the optimum time for cashewnut planting. Grow HYV namely Vengrulla-1.4, BPP-4, Bhubaneswar-1, VRI-2, Hybrid 2-17. Dig out pits of 45x45x45cm at 7.5x7.5m apart in coastal areas, 6x6 m in inland area and 4x4 m in marginal land. Plant 70-80 seedling/acre. Before planting apply 110:60 g NP/pit.

JUTE: Current rainy weather is favourable for attack of Bihari hair caterpillar and other foliage feeders. To control these insects, spray Lambda cyhalothrin 4.9CS @1ml/litre of water. **ARHAR:** Now the weather is optimum for sowing of arhar. Grow High Yielding varieties suitable for Orissa climate such as Early-duration Prabhat, Upas-120, ICPL-86012, Medium duration- Asha, Visakha, Use 8-10 kg/acre. Before sowing seeds are to be treated with 2 g Bavistin/kg seeds. Treat the seeds with the Rhizobium culture @ 200 g culture/8-10 kg. Apply 8:16 kg NP/acre during final land preparation under rainfed condition and apply 50% more to irrigated crop. Sow the seeds in line 45-60 cm apart depending upon the duration with 15 –20 cm plant to plant distance.

VEGETABLES:

- Nursery treatment of Brinjal seedlings by soil drenching in nursery with Tebuconazole@1ml/l and Plantomycin@1g/l of water seven days before transplanting
- Select suitable YMV tolerant Okra seeds.
- Go for seed treatment of seeds of cucurbit vegetables with Carboxin+Thiram@1.5g/kg seed. Current weather is favourable for attack of **Epilachna beetle** in Brinjal nursery & ratoon crop besides in Cucurbits. Spray Acephate@1.5g/l of water to control it.
- To control **thrips in chilli** spray 300ml ethion or 400ml carbosulphan in 200litre water/ac.
- Present weather may aggravate **fruit rot in pointed gourd**, to control it remove damaged fruit from the field and drain out excess water. Spray alternately Copper Oxychloride 50% WP (4 g/litre of water) and Metalaxyl 8% + Mancozeb 64% (3 g/litre of water) at sunset on the date of harvest.

ANIMAL HUSBANDRY: Vaccination of livestock should be done. Animal shed should be corrected to protect from direct effect of rain and also should be freed from bushes, grasses and water stagnation.

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AGROMET ADVISORY BULLETIN FOR BARANGA

District Past week weather condition and Block past Rainfall condition

The block received 11 mm and district received 38 mm rainfall during the last week. The mean daily maximum and minimum temperature was 34°C and 25°C, respectively. Relative humidity of the district was around 87-80%. **According to NDVI map (01.07.2020 to 07.07.2020) the agriculture vigor was less over maximum blocks and very less over some part of Athagad, Banki and Niali, Tangi, whereas according to SPI value (cumulative 4weeks- 1 June 2020 to 8 July 2020), moderately dry condition was there.**

Forecasted period: 15th July 2020 to 19th July 2020

General advisory: Moderate rainfall is forecasted for today and very light to light rainfall is forecasted for next 4 days up to Saturday. The day temperature will be 28-34°C and night temperature will be 25-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 80-83% and 49-65% respectively. There will be partly cloudy to overcast sky for next 5 days. **There will be below normal rainfall in the upcoming week (19-25 July) in Odisha condition.**

Block	Baranga (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	15/07/2020	16/07/2020	17/07/2020	18/07/2020	19/07/2020
Rainfall(mm)	26	8	3	4	5
T-Max(°C)	28	34	32	33	33
T-Min(°C)	25	25	26	25	25
Cloud Cover	8	6	5	7	8
RH Max (%)	83	83	80	81	80
RH Min (%)	65	51	53	49	51
Wind Speed (Kmph)	10	21	18	14	19
Wind Direction (deg)	207	203	198	153	180

Agromet Advisory

General: Rainfall is expected during next five days, spray only when sky becomes clear and use sticker to the spray solution. Farmers may go for transplanting of paddy as **11 mm rainfall is realized in the past week** and also light to moderate rainfall is forecasted for the block in upcoming 5 days. Farmers are advised to do proper arrangement for storing rain water at one portion in the field as there will be below normal rainfall in the upcoming week (19-25 July) in Odisha condition. This water can be used for irrigation in the crops during dry spell. Go for sowing of non-paddy crops like Ragi, Maize, Arhar, Green gram, Black gram, Cowpea, Sesame etc. Go for sowing of fodder crops like maize, sorghum, cowpea etc. Use seed rate of 20, 14 and 14 kg/acre for maize, sorghum and cowpea, respectively. Before sowing of any crop, farmers are advised for application of well decomposed FYM or compost, it increases the water use efficiency as well as nutrient quantity in the soil. Farmers are also advised to increase the use of potash; it helps in minimizing the losses due to the moisture stress during dry spell. Keep the cattle shed clean in rainy season. Use lime and bleaching powder for cleaning.

Kharif Rice: Intermittent dry and wet weather condition, is favourable for incidence of BLB and Sheath blight in early sown nursery seedlings. Go for foliar spray of Hexaconazole with Plantomycin@1.0 g/l to prevent the spread of the disease. Prevailing high temperature condition may lead to infestation of rice thrips in rice nursery. Apply Fipronil 5SC@2ml/l of water or Thiomethoxam@0.4g/ litre of water. In direct seeded rice and early sown rice nurseries, due to erratic rain weed infestation is now a major problem. To control the weeds at two to three leaf stage, spray Bispyribac sodium@20g a.i. ha-1 in 500 litres of water. Utilizing recent rain go for wet nursery sowing in rain deficient blocks or nursery should be prepared with assured irrigation facility.

MAIZE: Early sown crop is at 3 week stage. Go for hoeing and weeding. Apply 16 kg Nitrogen /ac followed by earthing up.

CASHEW NUT: July is the optimum time for cashewnut planting. Grow HYV namely Vengrulla-1.4, BPP-4, Bhubaneswar-1, VRI-2, Hybrid 2-17. Dig out pits of 45x45x45cm at 7.5x7.5m apart in coastal areas, 6x6 m in inland area and 4x4 m in marginal land. Plant 70-80 seedling/acre. Before planting apply 110:60 g NP/pit.

JUTE: Current rainy weather is favourable for attack of Bihari hair caterpillar and other foliage feeders. To control these insects, spray Lambda cyhalothrin 4.9CS @1ml/litre of water

ARHAR: Now the weather is optimum for sowing of arhar. Grow High Yielding varieties suitable for Orissa climate such as Early-durationPrabhat, Upas-120, ICPL-86012, Medium duration- Asha, Visakha, Use 8-10 kg/acre Before sowing seeds are to be treated with 2 g Bavistin/kg seeds. Treat the seeds with the Rhizobium culture @ 200 g culture/8-10 kg. Apply 8:16 kg NP/acre during final land preparation under rainfed condition and apply 50% more to irrigated crop. Sow the seeds in line 45-60 cm apart depending upon the duration with 15 –20 cm plant to plant distance.

VEGETABLES:

- Nursery treatment of Brinjal seedlings by soil drenching in nursery with Tebuconazole@1ml/l and Plantomycin@1g/l of water seven days before transplanting
- Select suitable YMV tolerant Okra seeds.
- Go for seed treatment of seeds of cucurbit vegetables with Carboxin+Thiram@1.5g/kg seed Current weather is favourable for attack of **Epilachna beetle** in Brinjal nursery & ratoon crop besides in Cucurbits. Spray Acephate@1.5g/l of water to control it.
- To control **thrips in chilli** spray 300ml ethion or 400ml carbosulphan in 200litre water/ac.
- Present weather may aggravate **fruit rot in pointed gourd**, to control it remove damaged fruit from the field and drain out excess water. Spray alternately Copper Oxychloride 50% WP (4 g/litre of water) and Metalaxyl 8% + Mancozeb 64% (3 g/litre of water) at sunset on the date of harvest.

ANIMAL HUSBANDRY: Vaccination of livestock should be done. Animal shed should be corrected to protect from direct effect of rain and also should be freed from bushes, grasses and water stagnation.

Dr.Dilip Ranjan Sarangi
(Nodal officer)



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GRAMIN KRUSHI MAUSAM SEVA
INDIA METEOROLOGICAL DEPARTMENT
DISTRICT AGROMET UNIT
KRISHI VIGYAN KENDRA CUTTACK
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Bulletin No-106
Date-14.07.2020

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

District Past week weather condition and Block past Rainfall condition

The block received 23 mm and district received 38 mm rainfall during the last week. The mean daily maximum and minimum temperature was 34°C and 25°C, respectively. Relative humidity of the district was around 87-80%. According to NDVI map (01.07.2020 to 07.07.2020) the agriculture vigor was less over maximum blocks and very less over some part of Athagad, Banki and Niali, Tangi, whereas according to SPI value (cumulative 4weeks- 1 June 2020 to 8 July 2020), moderately dry condition was there.

Forecasted period: 15th July 2020 to 19th July 2020

General advisory: Moderate rainfall is forecasted for today and tomorrow and very light to light rainfall is forecasted for next 3 days up to Saturday. The day temperature will be 28-34°C and night temperature will be 25-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 82-85% and 50-68% respectively. There will be partly cloudy to overcast sky for next 5 days. There will be below normal rainfall in the upcoming week (19-25 July) in Odisha condition.

Block	Cuttack sadar (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	15/07/2020	16/07/2020	17/07/2020	18/07/2020	19/07/2020
Rainfall(mm)	27	11	2	1	5
T-Max(°C)	28	34	32	33	32
T-Min(°C)	25	25	26	26	25
Cloud Cover(octa)	8	6	5	7	8
RH Max (%)	85	84	82	82	82
RH Min (%)	68	51	53	50	53
Wind Speed (Kmph)	9	20	17	13	18
Wind Direction (deg)	207	201	180	153	162

Agromet Advisory

General: Rainfall is expected during next five days, spray only when sky becomes clear and use sticker to the spray solution. Farmers may go for transplanting of paddy as 23mm rainfall is realized in the past week and also light to moderate rainfall is forecasted for the block in upcoming 5 days. Farmers are advised to do proper arrangement for storing rain water at one portion in the field as there will be below normal rainfall in the upcoming week (19-25 July) in Odisha condition. This water can be used for irrigation in the crops during dry spell. Go for sowing of non-paddy crops like Ragi, Maize, Arhar, Green gram, Black gram, Cowpea, Sesame etc. Go for sowing of fodder crops like maize, sorghum, cowpea etc. Use seed rate of 20, 14 and 14 kg/acre for maize, sorghum and cowpea, respectively. Before sowing of any crop, farmers are advised for application of well decomposed FYM or compost, it increases the water use efficiency as well as nutrient quantity in the soil. Farmers are also advised to increase the use of potash; it helps in minimizing the losses due to the moisture stress during dry spell. Keep the cattle shed clean in rainy season. Use lime and bleaching powder for cleaning.

Kharif Rice: Intermittent dry and wet weather condition, is favourable for incidence of BLB and Sheath blight in early sown nursery seedlings. Go for foliar spray of Hexaconazole with Plantomycin@1.0 g/l to prevent the spread of the disease. Prevailing high temperature condition may lead to infestation of rice thrips in rice nursery. Apply Fipronil 5SC@2ml/l of water or Thiomethoxam@0.4g/ litre of water. In direct seeded rice and early sown rice nurseries, due to erratic rain weed infestation is now a major problem. To control the weeds at two to three leaf stage, spray Bispyribac sodium@20g a.i. ha-1 in 500 litres of water. Utilizing recent rain go for wet nursery sowing in rain deficient blocks or nursery should be prepared with assured irrigation facility.

MAIZE: Early sown crop is at 3 week stage. Go for hoeing and weeding. Apply 16 kg Nitrogen /ac followed by earthing up.

CASHEW NUT: July is the optimum time for cashewnut planting. Grow HYV namely Vengrulla-1.4, BPP-4, Bhubaneswar-1, VRI-2, Hybrid 2-17. Dig out pits of 45x45x45cm at 7.5x7.5m apart in coastal areas, 6x6 m in inland area and 4x4 m in marginal land. Plant 70-80 seedling/acre. Before planting apply 110:60 g NP/pit.

JUTE: Current rainy weather is favourable for attack of Bihari hair caterpillar and other foliage feeders. To control these insects, spray Lambda cyhalothrin 4.9CS @1ml/litre of water

ARHAR: Now the weather is optimum for sowing of arhar. Grow High Yielding varieties suitable for Orissa climate such as Early-durationPrabhat, Upas-120, ICPL-86012, Medium duration- Asha, Visakha, Use 8-10 kg/acre Before sowing seeds are to be treated with 2 g Bavistin/kg seeds. Treat the seeds with the Rhizobium culture @ 200 g culture/8-10 kg. Apply 8:16 kg NP/acre during final land preparation under rainfed condition and apply 50% more to irrigated crop. Sow the seeds in line 45-60 cm apart depending upon the duration with 15 –20 cm plant to plant distance.

VEGETABLES:

- Nursery treatment of Brinjal seedlings by soil drenching in nursery with Tebuconazole@1ml/l and Plantomycin@1g/l of water seven days before transplanting
- Select suitable YMV tolerant Okra seeds.
- Go for seed treatment of seeds of cucurbit vegetables with Carboxin+Thiram@1.5g/kg seed Current weather is favourable for attack of Epilachna beetle in Brinjal nursery & ratoon crop besides in Cucurbits. Spray Acephate@1.5g/l of water to control it.
- To control thrips in chilli spray 300ml ethion or 400ml carbosulphan in 200litre water/ac.
- Present weather may aggravate fruit rot in pointed gourd, to control it remove damaged fruit from the field and drain out excess water. Spray alternately Copper Oxychloride 50% WP (4 g/litre of water) and Metalaxyl 8% + Mancozeb 64% (3 g/litre of water) at sunset on the date of harvest.

ANIMAL HUSBANDRY: Vaccination of livestock should be done. Animal shed should be corrected to protect from direct effect of rain and also should be freed from bushes, grasses and water stagnation.

Dr.Dilip Ranjan Sarangi
(Nodal officer)



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Bulletin No-106
Date-14.07.2020

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

District Past week weather condition and Block past Rainfall condition

The block received 107 mm and district received 38 mm rainfall during the last week. The mean daily maximum and minimum temperature was 34°C and 25°C, respectively. Relative humidity of the district was around 87-80%. **According to NDVI map (01.07.2020 to 07.07.2020) the agriculture vigor was less over maximum blocks and very less over some part of Athagad, Banki and Niali, Tangi, whereas according to SPI value (cumulative 4weeks- 1 June 2020 to 8 July 2020), moderately dry condition was there.**

Forecasted period: 15th July 2020 to 19th July 2020

General advisory: Moderate rainfall is forecasted for today and very light to light rainfall is forecasted for next 4 days up to Saturday. The day temperature will be 30-33°C and night temperature will be 25-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 79-81% and 50-57% respectively. There will be partly cloudy to overcast sky for next 5 days. **There will be below normal rainfall in the upcoming week (19-25 July) in Odisha condition.**

Block	Kantapada (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	15/07/2020	16/07/2020	17/07/2020	18/07/2020	19/07/2020
Rainfall(mm)	30	7	1	3	4
T-Max(°C)	30	33	32	33	33
T-Min(°C)	25	25	26	26	26
Cloud Cover(octa)	8	6	4	7	8
RH Max (%)	81	81	79	80	79
RH Min (%)	57	52	55	50	51
Wind Speed (Kmph)	12	22	19	14	20
Wind Direction (deg)	207	203	198	158	193

Agromet Advisory

General: Rainfall is expected during next five days, spray only when sky becomes clear and use sticker to the spray solution. Farmers may go for transplanting of paddy as **107mm rainfall is realized in the past week** and also light to moderate rainfall is forecasted for the block in upcoming 5 days. Farmers are advised to do proper arrangement for storing rain water at one portion in the field as there will be below normal rainfall in the upcoming week (19-25 July) in Odisha condition. This water can be used for irrigation in the crops during dry spell. Go for sowing of non-paddy crops like Ragi, Maize, Arhar, Green gram, Black gram, Cowpea, Sesame etc. Go for sowing of fodder crops like maize, sorghum, cowpea etc. Use seed rate of 20, 14 and 14 kg/acre for maize, sorghum and cowpea, respectively. Before sowing of any crop, farmers are advised for application of well decomposed FYM or compost, it increases the water use efficiency as well as nutrient quantity in the soil. Farmers are also advised to increase the use of potash; it helps in minimizing the losses due to the moisture stress during dry spell. Keep the cattle shed clean in rainy season. Use lime and bleaching powder for cleaning.

Kharif Rice: Intermittent dry and wet weather condition, is favourable for incidence of BLB and Sheath blight in early sown nursery seedlings. Go for foliar spray of Hexaconazole with Plantomycin@1.0 g/l to prevent the spread of the disease. Prevailing high temperature condition may lead to infestation of rice thrips in rice nursery. Apply Fipronil 5SC@2ml/l of water or Thiomethoxam@0.4g/ litre of water. In direct seeded rice and early sown rice nurseries, due to erratic rain weed infestation is now a major problem. To control the weeds at two to three leaf stage, spray Bispyribac sodium@20g a.i. ha-1 in 500 litres of water. Utilizing recent rain go for wet nursery sowing in rain deficient blocks or nursery should be prepared with assured irrigation facility.

MAIZE: Early sown crop is at 3 week stage. Go for hoeing and weeding. Apply 16 kg Nitrogen /ac followed by earthing up.

CASHEW NUT: July is the optimum time for cashewnut planting. Grow HYV namely Vengrulla-1.4, BPP-4, Bhubaneswar-1, VRI-2, Hybrid 2-17. Dig out pits of 45x45x45cm at 7.5x7.5m apart in coastal areas, 6x6 m in inland area and 4x4 m in marginal land. Plant 70-80 seedling/acre. Before planting apply 110:60 g NP/pit.

JUTE: Current rainy weather is favourable for attack of Bihari hair caterpillar and other foliage feeders. To control these insects, spray Lambda cyhalothrin 4.9CS @1ml/litre of water

ARHAR: Now the weather is optimum for sowing of arhar. Grow High Yielding varieties suitable for Orissa climate such as Early-durationPrabhat, Upas-120, ICPL-86012, Medium duration- Asha, Visakha, Use 8-10 kg/acre Before sowing seeds are to be treated with 2 g Bavistin/kg seeds. Treat the seeds with the Rhizobium culture @ 200 g culture/8-10 kg. Apply 8:16 kg NP/acre during final land preparation under rainfed condition and apply 50% more to irrigated crop. Sow the seeds in line 45-60 cm apart depending upon the duration with 15 –20 cm plant to plant distance.

VEGETABLES:

- Nursery treatment of Brinjal seedlings by soil drenching in nursery with Tebuconazole@1ml/l and Plantomycin@1g/l of water seven days before transplanting
- Select suitable YMV tolerant Okra seeds.
- Go for seed treatment of seeds of cucurbit vegetables with Carboxin+Thiram@1.5g/kg seed Current weather is favourable for attack of **Epilachna beetle** in Brinjal nursery & ratoon crop besides in Cucurbits. Spray Acephate@1.5g/l of water to control it.
- To control **thrips in chilli** spray 300ml ethion or 400ml carbosulphan in 200litre water/ac.
- Present weather may aggravate **fruit rot in pointed gourd**, to control it remove damaged fruit from the field and drain out excess water. Spray alternately Copper Oxychloride 50% WP (4 g/litre of water) and Metalaxyl 8% + Mancozeb 64% (3 g/litre of water) at sunset on the date of harvest.

ANIMAL HUSBANDRY: Vaccination of livestock should be done. Animal shed should be corrected to protect from direct effect of rain and also should be freed from bushes, grasses and water stagnation.

Dr.Dilip Ranjan Sarangi
(Nodal officer)



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Bulletin No-106
Date-14.07.2020

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

District Past week weather condition and Block past Rainfall condition

The block received 07 mm and district received 38 mm rainfall during the last week. The mean daily maximum and minimum temperature was 34°C and 25°C, respectively. Relative humidity of the district was around 87-80%. **According to NDVI map (01.07.2020 to 07.07.2020) the agriculture vigor was less over maximum blocks and very less over some part of Athagad, Banki and Niali, Tangi, whereas according to SPI value (cumulative 4weeks- 1 June 2020 to 8 July 2020), moderately dry condition was there.**

Forecasted period: 15th July 2020 to 19th July 2020

General advisory: Moderate rainfall is forecasted for today and tomorrow and very light to light rainfall is forecasted for next 3 days up to Saturday. The day temperature will be 28-33°C and night temperature will be 25-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 82-85% and 53-69% respectively. There will be partly cloudy to overcast sky for next 5 days. **There will be below normal rainfall in the upcoming week (19-25 July) in Odisha condition.**

Block	Mahanga (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	15/07/2020	16/07/2020	17/07/2020	18/07/2020	19/07/2020
Rainfall(mm)	33	12	8	2	3
T-Max(°C)	28	33	32	33	33
T-Min(°C)	25	25	25	26	25
Cloud Cover(octal)	8	6	6	8	8
RH Max (%)	85	85	83	84	82
RH Min (%)	69	54	57	53	53
Wind Speed (Kmph)	11	20	17	14	18
Wind Direction (deg)	207	203	180	158	180

Agromet Advisory

General: Rainfall is expected during next five days, spray only when sky becomes clear and use sticker to the spray solution. Farmers may go for transplanting of paddy as **07 mm rainfall is realized in the past week** and also light to moderate rainfall is forecasted for the block in upcoming 5 days. Farmers are advised to do proper arrangement for storing rain water at one portion in the field as there will be below normal rainfall in the upcoming week (19-25 July) in Odisha condition. This water can be used for irrigation in the crops during dry spell. Go for sowing of non-paddy crops like Ragi, Maize, Arhar, Green gram, Black gram, Cowpea, Sesame etc. Go for sowing of fodder crops like maize, sorghum, cowpea etc. Use seed rate of 20, 14 and 14 kg/acre for maize, sorghum and cowpea, respectively. Before sowing of any crop, farmers are advised for application of well decomposed FYM or compost, it increases the water use efficiency as well as nutrient quantity in the soil. Farmers are also advised to increase the use of potash; it helps in minimizing the losses due to the moisture stress during dry spell. Keep the cattle shed clean in rainy season. Use lime and bleaching powder for cleaning.

Kharif Rice: Intermittent dry and wet weather condition, is favourable for incidence of BLB and Sheath blight in early sown nursery seedlings. Go for foliar spray of Hexaconazole with Plantomycin@1.0 g/l to prevent the spread of the disease. Prevailing high temperature condition may lead to infestation of rice thrips in rice nursery. Apply Fipronil 5SC@2ml/l of water or Thiomethoxam@0.4g/ litre of water. In direct seeded rice and early sown rice nurseries, due to erratic rain weed infestation is now a major problem. To control the weeds at two to three leaf stage, spray Bispyribac sodium@20g a.i. ha-1 in 500 litres of water. Utilizing recent rain go for wet nursery sowing in rain deficient blocks or nursery should be prepared with assured irrigation facility.

MAIZE: Early sown crop is at 3 week stage. Go for hoeing and weeding. Apply 16 kg Nitrogen /ac followed by earthing up.

CASHEW NUT: July is the optimum time for cashewnut planting. Grow HYV namely Vengrulla-1.4, BPP-4, Bhubaneswar-1, VRI-2, Hybrid 2-17. Dig out pits of 45x45x45cm at 7.5x7.5m apart in coastal areas, 6x6 m in inland area and 4x4 m in marginal land. Plant 70-80 seedling/acre. Before planting apply 110:60 g NP/pit.

JUTE: Current rainy weather is favourable for attack of Bihari hair caterpillar and other foliage feeders. To control these insects, spray Lambda cyhalothrin 4.9CS @1ml/litre of water

ARHAR: Now the weather is optimum for sowing of arhar. Grow High Yielding varieties suitable for Orissa climate such as Early-durationPrabhat, Upas-120, ICPL-86012, Medium duration- Asha, Visakha, Use 8-10 kg/acre Before sowing seeds are to be treated with 2 g Bavistin/kg seeds. Treat the seeds with the Rhizobium culture @ 200 g culture/8-10 kg. Apply 8:16 kg NP/acre during final land preparation under rainfed condition and apply 50% more to irrigated crop. Sow the seeds in line 45-60 cm apart depending upon the duration with 15 –20 cm plant to plant distance.

VEGETABLES:

- Nursery treatment of Brinjal seedlings by soil drenching in nursery with Tebuconazole@1ml/l and Plantomycin@1g/l of water seven days before transplanting
- Select suitable YMV tolerant Okra seeds.
- Go for seed treatment of seeds of cucurbit vegetables with Carboxin+Thiram@1.5g/kg seed Current weather is favourable for attack of **Epilachna beetle** in Brinjal nursery & ratoon crop besides in Cucurbits. Spray Acephate@1.5g/l of water to control it.
- To control **thrips in chilli** spray 300ml ethion or 400ml carbosulphan in 200litre water/ac.
- Present weather may aggravate **fruit rot in pointed gourd**, to control it remove damaged fruit from the field and drain out excess water. Spray alternately Copper Oxychloride 50% WP (4 g/litre of water) and Metalaxyl 8% + Mancozeb 64% (3 g/litre of water) at sunset on the date of harvest.

ANIMAL HUSBANDRY: Vaccination of livestock should be done. Animal shed should be corrected to protect from direct effect of rain and also should be freed from bushes, grasses and water stagnation.

Dr.Dilip Ranjan Sarangi
(Nodal officer)



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Bulletin No-106
Date-14.07.2020

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

District Past week weather condition and Block past Rainfall condition

The block received 68 mm and district received 38 mm rainfall during the last week. The mean daily maximum and minimum temperature was 34°C and 25°C, respectively. Relative humidity of the district was around 87-80%. According to NDVI map (01.07.2020 to 07.07.2020) the agriculture vigor was less over maximum blocks and very less over some part of Athagad, Banki and Niali, Tangi, whereas according to SPI value (cumulative 4weeks- 1 June 2020 to 8 July 2020), moderately dry condition was there.

Forecasted period: 15th July 2020 to 19th July 2020

General advisory: Moderate rainfall is forecasted for today and tomorrow and very light to light rainfall is forecasted for next 3 days up to Saturday. The day temperature will be 30-34°C and night temperature will be 23-24°C for upcoming 5 days. Maximum and minimum relative humidity will be 87-91% and 50-60% respectively. There will be partly cloudy to overcast sky for next 5 days. There will be below normal rainfall in the upcoming week (19-25 July) in Odisha condition.

Block	Narasinghpur (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	15/07/2020	16/07/2020	17/07/2020	18/07/2020	19/07/2020
Rainfall(mm)	18	14	3	10	6
T-Max(°C)	30	34	33	33	32
T-Min(°C)	24	23	24	24	23
Cloud Cover(/octa)	8	7	4	7	8
RH Max (%)	89	91	87	87	87
RH Min (%)	60	50	53	55	57
Wind Speed (Kmph)	4	11	10	5	10
Wind Direction (deg)	225	167	160	144	159

Agromet Advisory

General: Rainfall is expected during next five days, spray only when sky becomes clear and use sticker to the spray solution. Farmers may go for transplanting of paddy as 68mm rainfall is realized in the past week and also light to moderate rainfall is forecasted for the block in upcoming 5 days. Farmers are advised to do proper arrangement for storing rain water at one portion in the field as there will be below normal rainfall in the upcoming week (19-25 July) in Odisha condition. This water can be used for irrigation in the crops during dry spell. Go for sowing of non-paddy crops like Ragi, Maize, Arhar, Green gram, Black gram, Cowpea, Sesame etc. Go for sowing of fodder crops like maize, sorghum, cowpea etc. Use seed rate of 20, 14 and 14 kg/acre for maize, sorghum and cowpea, respectively. Before sowing of any crop, farmers are advised for application of well decomposed FYM or compost, it increases the water use efficiency as well as nutrient quantity in the soil. Farmers are also advised to increase the use of potash; it helps in minimizing the losses due to the moisture stress during dry spell. Keep the cattle shed clean in rainy season. Use lime and bleaching powder for cleaning.

Kharif Rice: Intermittent dry and wet weather condition, is favourable for incidence of BLB and Sheath blight in early sown nursery seedlings. Go for foliar spray of Hexaconazole with Plantomycin@1.0 g/l to prevent the spread of the disease. Prevailing high temperature condition may lead to infestation of rice thrips in rice nursery. Apply Fipronil 5SC@2ml/l of water or Thiomethoxam@0.4g/ litre of water. In direct seeded rice and early sown rice nurseries, due to erratic rain weed infestation is now a major problem. To control the weeds at two to three leaf stage, spray Bispyribac sodium@20g a.i. ha-1 in 500 litres of water. Utilizing recent rain go for wet nursery sowing in rain deficient blocks or nursery should be prepared with assured irrigation facility.

MAIZE: Early sown crop is at 3 week stage. Go for hoeing and weeding. Apply 16 kg Nitrogen /ac followed by earthing up.

CASHEW NUT: July is the optimum time for cashewnut planting. Grow HYV namely Vengrulla-1.4, BPP-4, Bhubaneswar-1, VRI-2, Hybrid 2-17. Dig out pits of 45x45x45cm at 7.5x7.5m apart in coastal areas, 6x6 m in inland area and 4x4 m in marginal land. Plant 70-80 seedling/acre. Before planting apply 110:60 g NP/pit.

JUTE: Current rainy weather is favourable for attack of Bihari hair caterpillar and other foliage feeders. To control these insects, spray Lambda cyhalothrin 4.9CS @1ml/litre of water

ARHAR: Now the weather is optimum for sowing of arhar. Grow High Yielding varieties suitable for Orissa climate such as Early-durationPrabhat, Upas-120, ICPL-86012, Medium duration- Asha, Visakha, Use 8-10 kg/acre Before sowing seeds are to be treated with 2 g Bavistin/kg seeds. Treat the seeds with the Rhizobium culture @ 200 g culture/8-10 kg. Apply 8:16 kg NP/acre during final land preparation under rainfed condition and apply 50% more to irrigated crop. Sow the seeds in line 45-60 cm apart depending upon the duration with 15 –20 cm plant to plant distance.

VEGETABLES:

- Nursery treatment of Brinjal seedlings by soil drenching in nursery with Tebuconazole@1ml/l and Plantomycin@1g/l of water seven days before transplanting
- Select suitable YMV tolerant Okra seeds.
- Go for seed treatment of seeds of cucurbit vegetables with Carboxin+Thiram@1.5g/kg seed Current weather is favourable for attack of Epilachna beetle in Brinjal nursery & ratoon crop besides in Cucurbits. Spray Acephate@1.5g/l of water to control it.
- To control thrips in chilli spray 300ml ethion or 400ml carbosulphan in 200litre water/ac.
- Present weather may aggravate fruit rot in pointed gourd, to control it remove damaged fruit from the field and drain out excess water. Spray alternately Copper Oxychloride 50% WP (4 g/litre of water) and Metalaxyl 8% + Mancozeb 64% (3 g/litre of water) at sunset on the date of harvest.

ANIMAL HUSBANDRY: Vaccination of livestock should be done. Animal shed should be corrected to protect from direct effect of rain and also should be freed from bushes, grasses and water stagnation.

Dr.Dilip Ranjan Sarangi
(Nodal officer)



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



Bulletin No-106
Date-14.07.2020

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AGROMET ADVISORY BULLETIN FOR NIALI

District Past week weather condition and Block past Rainfall condition

The block received 24 mm and district received 38 mm rainfall during the last week. The mean daily maximum and minimum temperature was 34°C and 25°C, respectively. Relative humidity of the district was around 87-80%. According to NDVI map (01.07.2020 to 07.07.2020) the agriculture vigor was less over maximum blocks and very less over some part of Athagad, Banki and Niali, Tangi, whereas according to SPI value (cumulative 4weeks- 1 June 2020 to 8 July 2020), moderately dry condition was there.

Forecasted period: 15th July 2020 to 19th July 2020

General advisory: Moderate rainfall is forecasted for today and very light to light rainfall is forecasted for next 4 days up to Saturday. The day temperature will be 31-33°C and night temperature will be 25-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 78-80% and 52-57% respectively. There will be partly cloudy to overcast sky for next 5 days. There will be below normal rainfall in the upcoming week (19-25 July) in Odisha condition.

Block	Niali (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	15/07/2020	16/07/2020	17/07/2020	18/07/2020	19/07/2020
Rainfall(mm)	27	8	5	2	2
T-Max(°C)	31	32	32	33	32
T-Min(°C)	26	25	26	26	26
Cloud Cover(octa)	8	6	4	7	7
RH Max (%)	79	80	79	80	78
RH Min (%)	55	53	57	52	52
Wind Speed(Kmph)	14	23	20	15	21
Wind Direction(deg)	203	203	201	158	193

Agromet Advisory

General: Rainfall is expected during next five days, spray only when sky becomes clear and use sticker to the spray solution. Farmers may go for transplanting of paddy as 24mm rainfall is realized in the past week and also light to moderate rainfall is forecasted for the block in upcoming 5 days. Farmers are advised to do proper arrangement for storing rain water at one portion in the field as there will be below normal rainfall in the upcoming week (19-25 July) in Odisha condition. This water can be used for irrigation in the crops during dry spell. Go for sowing of non-paddy crops like Ragi, Maize, Arhar, Green gram, Black gram, Cowpea, Sesame etc. Go for sowing of fodder crops like maize, sorghum, cowpea etc. Use seed rate of 20, 14 and 14 kg/acre for maize, sorghum and cowpea, respectively. Before sowing of any crop, farmers are advised for application of well decomposed FYM or compost, it increases the water use efficiency as well as nutrient quantity in the soil. Farmers are also advised to increase the use of potash; it helps in minimizing the losses due to the moisture stress during dry spell. Keep the cattle shed clean in rainy season. Use lime and bleaching powder for cleaning.

Kharif Rice: Intermittent dry and wet weather condition, is favourable for incidence of BLB and Sheath blight in early sown nursery seedlings. Go for foliar spray of Hexaconazole with Plantomycin@1.0 g/l to prevent the spread of the disease. Prevailing high temperature condition may lead to infestation of rice thrips in rice nursery. Apply Fipronil 5SC@2ml/l of water or Thiomethoxam@0.4g/ litre of water. In direct seeded rice and early sown rice nurseries, due to erratic rain weed infestation is now a major problem. To control the weeds at two to three leaf stage, spray Bispyribac sodium@20g a.i. ha-1 in 500 litres of water. Utilizing recent rain go for wet nursery sowing in rain deficient blocks or nursery should be prepared with assured irrigation facility.

MAIZE: Early sown crop is at 3 week stage. Go for hoeing and weeding. Apply 16 kg Nitrogen /ac followed by earthing up.

CASHEW NUT: July is the optimum time for cashewnut planting. Grow HYV namely Vengrulla-1.4, BPP-4, Bhubaneswar-1, VRI-2, Hybrid 2-17. Dig out pits of 45x45x45cm at 7.5x7.5m apart in coastal areas, 6x6 m in inland area and 4x4 m in marginal land. Plant 70-80 seedling/acre. Before planting apply 110:60 g NP/pit.

JUTE: Current rainy weather is favourable for attack of Bihari hair caterpillar and other foliage feeders. To control these insects, spray Lambda cyhalothrin 4.9CS @1ml/litre of water

ARHAR: Now the weather is optimum for sowing of arhar. Grow High Yielding varieties suitable for Orissa climate such as Early-duration Prabhat, Upas-120, ICPL-86012, Medium duration- Asha, Visakha, Use 8-10 kg/acre. Before sowing seeds are to be treated with 2 g Bavistin/kg seeds. Treat the seeds with the Rhizobium culture @ 200 g culture/8-10 kg. Apply 8:16 kg NP/acre during final land preparation under rainfed condition and apply 50% more to irrigated crop. Sow the seeds in line 45-60 cm apart depending upon the duration with 15-20 cm plant to plant distance.

VEGETABLES:

- Nursery treatment of Brinjal seedlings by soil drenching in nursery with Tebuconazole@1ml/l and Plantomycin@1g/l of water seven days before transplanting
- Select suitable YMV tolerant Okra seeds.
- Go for seed treatment of seeds of cucurbit vegetables with Carboxin+Thiram@1.5g/kg seed. Current weather is favourable for attack of **Epilachna beetle** in Brinjal nursery & ratoon crop besides in Cucurbits. Spray Acephate@1.5g/l of water to control it.
- To control **thrips in chilli** spray 300ml ethion or 400ml carbosulphan in 200litre water/ac.
- Present weather may aggravate **fruit rot in pointed gourd**, to control it remove damaged fruit from the field and drain out excess water. Spray alternately Copper Oxychloride 50% WP (4 g/litre of water) and Metalaxyl 8% + Mancozeb 64% (3 g/litre of water) at sunset on the date of harvest.

ANIMAL HUSBANDRY: Vaccination of livestock should be done. Animal shed should be corrected to protect from direct effect of rain and also should be freed from bushes, grasses and water stagnation.

Dr. Dilip Ranjan Sarangi
(Nodal officer)



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Bulletin No-106
Date-14.07.2020

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AGROMET ADVISORY BULLETIN FOR NISCHINTAKOILI

District Past week weather condition and Block past Rainfall condition

The block received 37 mm and district received 38 mm rainfall during the last week. The mean daily maximum and minimum temperature was 34°C and 25°C, respectively. Relative humidity of the district was around 87-80%. **According to NDVI map (01.07.2020 to 07.07.2020) the agriculture vigor was less over maximum blocks and very less over some part of Athagad, Banki and Niali, Tangi, whereas according to SPI value (cumulative 4weeks- 1 June 2020 to 8 July 2020), moderately dry condition was there.**

Forecasted period: 15th July 2020 to 19th July 2020

General advisory: Moderate rainfall is forecasted for today and very light to light rainfall is forecasted for next 4 days up to Saturday. 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 81-84% and 52-66% respectively. There will be partly cloudy to overcast sky for next 5 days. **There will be below normal rainfall in the upcoming week (19-25 July) in Odisha condition.**

Block	Nischintakoili (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	15/07/2020	16/07/2020	17/07/2020	18/07/2020	19/07/2020
Rainfall(mm)	35	9	6	2	2
T-Max(°C)	29	33	32	33	33
T-Min(°C)	25	25	26	26	26
Cloud Cover(octa)	8	6	6	7	8
RH Max (%)	84	84	82	83	81
RH Min (%)	66	54	57	53	52
Wind Speed (Kmph)	11	20	17	14	19
Wind Direction (deg)	207	203	198	158	180

Agromet Advisory

General: Rainfall is expected during next five days, spray only when sky becomes clear and use sticker to the spray solution. Farmers may go for transplanting of paddy as 37mm rainfall is realized in the past week and also light to moderate rainfall is forecasted for the block in upcoming 5 days. Farmers are advised to do proper arrangement for storing rain water at one portion in the field as there will be below normal rainfall in the upcoming week (19-25 July) in Odisha condition. This water can be used for irrigation in the crops during dry spell. Go for sowing of non-paddy crops like Ragi, Maize, Arhar, Green gram, Black gram, Cowpea, Sesame etc. Go for sowing of fodder crops like maize, sorghum, cowpea etc. Use seed rate of 20, 14 and 14 kg/acre for maize, sorghum and cowpea, respectively. Before sowing of any crop, farmers are advised for application of well decomposed FYM or compost, it increases the water use efficiency as well as nutrient quantity in the soil. Farmers are also advised to increase the use of potash; it helps in minimizing the losses due to the moisture stress during dry spell. Keep the cattle shed clean in rainy season. Use lime and bleaching powder for cleaning.

Kharif Rice: Intermittent dry and wet weather condition, is favourable for incidence of BLB and Sheath blight in early sown nursery seedlings. Go for foliar spray of Hexaconazole with Plantomycin@1.0 g/l to prevent the spread of the disease. Prevailing high temperature condition may lead to infestation of rice thrips in rice nursery. Apply Fipronil 5SC@2ml/l of water or Thiomethoxam@0.4g/ litre of water. In direct seeded rice and early sown rice nurseries, due to erratic rain weed infestation is now a major problem. To control the weeds at two to three leaf stage, spray Bispyribac sodium@20g a.i. ha-1 in 500 litres of water. Utilizing recent rain go for wet nursery sowing in rain deficient blocks or nursery should be prepared with assured irrigation facility.

MAIZE: Early sown crop is at 3 week stage. Go for hoeing and weeding. Apply 16 kg Nitrogen /ac followed by earthing up.

CASHEW NUT: July is the optimum time for cashewnut planting. Grow HYV namely Vengrulla-1.4, BPP-4, Bhubaneswar-1, VRI-2, Hybrid 2-17. Dig out pits of 45x45x45cm at 7.5x7.5m apart in coastal areas, 6x6 m in inland area and 4x4 m in marginal land. Plant 70-80 seedling/acre. Before planting apply 110:60 g NP/pit.

JUTE: Current rainy weather is favourable for attack of Bihari hair caterpillar and other foliage feeders. To control these insects, spray Lambda cyhalothrin 4.9CS @1ml/litre of water

ARHAR: Now the weather is optimum for sowing of arhar. Grow High Yielding varieties suitable for Orissa climate such as Early-duration Prabhat, Upas-120, ICPL-86012, Medium duration- Asha, Visakha, Use 8-10 kg/acre. Before sowing seeds are to be treated with 2 g Bavistin/kg seeds. Treat the seeds with the Rhizobium culture @ 200 g culture/8-10 kg. Apply 8:16 kg NP/acre during final land preparation under rainfed condition and apply 50% more to irrigated crop. Sow the seeds in line 45-60 cm apart depending upon the duration with 15-20 cm plant to plant distance.

VEGETABLES:

- Nursery treatment of Brinjal seedlings by soil drenching in nursery with Tebuconazole@1ml/l and Plantomycin@1g/l of water seven days before transplanting
- Select suitable YMV tolerant Okra seeds.
- Go for seed treatment of seeds of cucurbit vegetables with Carboxin+Thiram@1.5g/kg seed. Current weather is favourable for attack of **Epilachna beetle** in Brinjal nursery & ratoon crop besides in Cucurbits. Spray Acephate@1.5g/l of water to control it.
- To control **thrips in chilli** spray 300ml ethion or 400ml carbosulphan in 200litre water/ac.
- Present weather may aggravate **fruit rot in pointed gourd**, to control it remove damaged fruit from the field and drain out excess water. Spray alternately Copper Oxychloride 50% WP (4 g/litre of water) and Metalaxyl 8% + Mancozeb 64% (3 g/litre of water) at sunset on the date of harvest.

ANIMAL HUSBANDRY: Vaccination of livestock should be done. Animal shed should be corrected to protect from direct effect of rain and also should be freed from bushes, grasses and water stagnation.

Dr. Dilip Ranjan Sarangi
(Nodal officer)



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Bulletin No-106
Date-14.07.2020

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AGROMET ADVISORY BULLETIN FOR SALEPUR

District Past week weather condition and Block past Rainfall condition

The block received 08 mm and district received 38 mm rainfall during the last week. The mean daily maximum and minimum temperature was 34°C and 25°C, respectively. Relative humidity of the district was around 87-80%. **According to NDVI map (01.07.2020 to 07.07.2020) the agriculture vigor was less over maximum blocks and very less over some part of Athagad, Banki and Niali, Tangi, whereas according to SPI value (cumulative 4weeks- 1 June 2020 to 8 July 2020), moderately dry condition was there.**

Forecasted period: 15th July 2020 to 19th July 2020

General advisory: Moderate rainfall is forecasted for today and very light to light rainfall is forecasted for next 4 days up to Saturday. The day temperature will be 28-33°C and night temperature will be 25-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 81-84% and 52-68% respectively. There will be partly cloudy to overcast sky for next 5 days. **There will be below normal rainfall in the upcoming week (19-25 July) in Odisha condition.**

Block	Salepur (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	15/07/2020	16/07/2020	17/07/2020	18/07/2020	19/07/2020
Rainfall(mm)	33	9	7	2	2
T-Max(°C)	28	33	32	33	33
T-Min(°C)	25	25	26	26	26
Cloud Cover(octa)	8	6	6	7	8
RH Max (%)	84	84	82	83	81
RH Min (%)	68	53	56	53	52
Wind Speed (Kmph)	11	20	17	14	19
Wind Direction (deg)	207	203	193	158	180

Agromet Advisory

General: Rainfall is expected during next five days, spray only when sky becomes clear and use sticker to the spray solution. Farmers may go for transplanting of paddy as 08mm rainfall is realized in the past week and also light to moderate rainfall is forecasted for the block in upcoming 5 days. Farmers are advised to do proper arrangement for storing rain water at one portion in the field as there will be below normal rainfall in the upcoming week (19-25 July) in Odisha condition. This water can be used for irrigation in the crops during dry spell. Go for sowing of non-paddy crops like Ragi, Maize, Arhar, Green gram, Black gram, Cowpea, Sesame etc. Go for sowing of fodder crops like maize, sorghum, cowpea etc. Use seed rate of 20, 14 and 14 kg/acre for maize, sorghum and cowpea, respectively. Before sowing of any crop, farmers are advised for application of well decomposed FYM or compost, it increases the water use efficiency as well as nutrient quantity in the soil. Farmers are also advised to increase the use of potash; it helps in minimizing the losses due to the moisture stress during dry spell. Keep the cattle shed clean in rainy season. Use lime and bleaching powder for cleaning.

Kharif Rice: Intermittent dry and wet weather condition, is favourable for incidence of BLB and Sheath blight in early sown nursery seedlings. Go for foliar spray of Hexaconazole with Plantomycin@1.0 g/l to prevent the spread of the disease. Prevailing high temperature condition may lead to infestation of rice thrips in rice nursery. Apply Fipronil 5SC@2ml/l of water or Thiomethoxam@0.4g/ litre of water. In direct seeded rice and early sown rice nurseries, due to erratic rain weed infestation is now a major problem. To control the weeds at two to three leaf stage, spray Bispyribac sodium@20g a.i. ha-1 in 500 litres of water. Utilizing recent rain go for wet nursery sowing in rain deficient blocks or nursery should be prepared with assured irrigation facility.

MAIZE: Early sown crop is at 3 week stage. Go for hoeing and weeding. Apply 16 kg Nitrogen /ac followed by earthing up.

CASHEW NUT: July is the optimum time for cashewnut planting. Grow HYV namely Vengrulla-1.4, BPP-4, Bhubaneswar-1, VRI-2, Hybrid 2-17. Dig out pits of 45x45x45cm at 7.5x7.5m apart in coastal areas, 6x6 m in inland area and 4x4 m in marginal land. Plant 70-80 seedling/acre. Before planting apply 110:60 g NP/pit.

JUTE: Current rainy weather is favourable for attack of Bihari hair caterpillar and other foliage feeders. To control these insects, spray Lambda cyhalothrin 4.9CS @1ml/litre of water. **ARHAR:** Now the weather is optimum for sowing of arhar. Grow High Yielding varieties suitable for Orissa climate such as Early-duration Prabhat, Upas-120, ICPL-86012, Medium duration- Asha, Visakha, Use 8-10 kg/acre. Before sowing seeds are to be treated with 2 g Bavistin/kg seeds. Treat the seeds with the Rhizobium culture @ 200 g culture/8-10 kg. Apply 8:16 kg NP/acre during final land preparation under rainfed condition and apply 50% more to irrigated crop. Sow the seeds in line 45-60 cm apart depending upon the duration with 15 –20 cm plant to plant distance.

VEGETABLES:

- Nursery treatment of Brinjal seedlings by soil drenching in nursery with Tebuconazole@1ml/l and Plantomycin@1g/l of water seven days before transplanting
- Select suitable YMV tolerant Okra seeds.
- Go for seed treatment of seeds of cucurbit vegetables with Carboxin+Thiram@1.5g/kg seed. Current weather is favourable for attack of **Epilachna beetle** in Brinjal nursery & ratoon crop besides in Cucurbits. Spray Acephate@1.5g/l of water to control it.
- To control **thrips in chilli** spray 300ml ethion or 400ml carbosulphan in 200litre water/ac.
- Present weather may aggravate **fruit rot in pointed gourd**, to control it remove damaged fruit from the field and drain out excess water. Spray alternately Copper Oxychloride 50% WP (4 g/litre of water) and Metalaxyl 8% + Mancozeb 64% (3 g/litre of water) at sunset on the date of harvest.

ANIMAL HUSBANDRY: Vaccination of livestock should be done. Animal shed should be corrected to protect from direct effect of rain and also should be freed from bushes, grasses and water stagnation.

Dr.Dilip Ranjan Sarangi
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Date-14.07.2020

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AGROMET ADVISORY BULLETIN FOR TANGI-CHOUDWAR

District Past week weather condition

The district received 38 mm rainfall during the last week. The mean daily maximum and minimum temperature was 34°C and 25°C, respectively. Relative humidity of the district was around 87-80%. **According to NDVI map (01.07.2020 to 07.07.2020) the agriculture vigor was less over maximum blocks and very less over some part of Athagad, Banki and Niali, Tangi, whereas according to SPI value (cumulative 4weeks- 1 June 2020 to 8 July 2020), moderately dry condition was there.**

Forecasted period: 15th July 2020 to 19th July 2020

General advisory: Moderate rainfall is forecasted for today and tomorrow and very light to light rainfall is forecasted for next 3 days up to Saturday. The day temperature will 33-34°C and night temperature will be 29°C for upcoming 5 days. Maximum and minimum relative humidity will be 80-82% and 60-65% respectively. There will be partly cloudy to overcast sky for next 5 days. **There will be below normal rainfall in the upcoming week (19-25 July) in Odisha condition.**

Block	Tangi-Choudwar (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	15/07/2020	16/07/2020	17/07/2020	18/07/2020	19/07/2020
Rainfall(mm)	30	10	5	3	1
T-Max(°C)	33	34	34	34	34
T-Min(°C)	29	29	29	29	29
Cloud Cover(octa)	8	6	4	8	7
RH Max (%)	81	81	80	82	80
RH Min (%)	61	60	65	63	63
Wind Speed (Kmph)	18	26	22	18	23
Wind Direction (deg)	207	203	203	167	193

Agromet Advisory

General: Rainfall is expected during next five days, spray only when sky becomes clear and use sticker to the spray solution. Farmers may go for transplanting of paddy as light to moderate amount rainfall is realized in the past week and also light to moderate rainfall is forecasted for the block in upcoming 5 days. Farmers are advised to do proper arrangement for storing rain water at one portion in the field as there will be below normal rainfall in the upcoming week (19-25 July) in Odisha condition. This water can be used for irrigation in the crops during dry spell. Go for sowing of non-paddy crops like Ragi, Maize, Arhar, Green gram, Black gram, Cowpea, Sesame etc. Go for sowing of fodder crops like maize, sorghum, cowpea etc. Use seed rate of 20, 14 and 14 kg/acre for maize, sorghum and cowpea, respectively. Before sowing of any crop, farmers are advised for application of well decomposed FYM or compost, it increases the water use efficiency as well as nutrient quantity in the soil. Farmers are also advised to increase the use of potash; it helps in minimizing the losses due to the moisture stress during dry spell. Keep the cattle shed clean in rainy season. Use lime and bleaching powder for cleaning.

Kharif Rice: Intermittent dry and wet weather condition, is favourable for incidence of BLB and Sheath blight in early sown nursery seedlings. Go for foliar spray of Hexaconazole with Plantomycin@1.0 g/l to prevent the spread of the disease. Prevailing high temperature condition may lead to infestation of rice thrips in rice nursery. Apply Fipronil 5SC@2ml/l of water or Thiomethoxam@0.4g/ litre of water. In direct seeded rice and early sown rice nurseries, due to erratic rain weed infestation is now a major problem. To control the weeds at two to three leaf stage, spray Bispyribac sodium@20g a.i. ha-1 in 500 litres of water. Utilizing recent rain go for wet nursery sowing in rain deficient blocks or nursery should be prepared with assured irrigation facility.

MAIZE: Early sown crop is at 3 week stage. Go for hoeing and weeding. Apply 16 kg Nitrogen /ac followed by earthing up.

CASHEW NUT: July is the optimum time for cashewnut planting. Grow HYV namely Vengrulla-1.4, BPP-4, Bhubaneswar-1, VRI-2, Hybrid 2-17. Dig out pits of 45x45x45cm at 7.5x7.5m apart in coastal areas, 6x6 m in inland area and 4x4 m in marginal land. Plant 70-80 seedling/acre. Before planting apply 110:60 g NP/pit.

JUTE: Current rainy weather is favourable for attack of Bihari hair caterpillar and other foliage feeders. To control these insects, spray Lambda cyhalothrin 4.9CS @1ml/litre of water

ARHAR: Now the weather is optimum for sowing of arhar. Grow High Yielding varieties suitable for Orissa climate such as Early-duration Prabhat, Upas-120, ICPL-86012, Medium duration- Asha, Visakha, Use 8-10 kg/acre Before sowing seeds are to be treated with 2 g Bavistin/kg seeds. Treat the seeds with the Rhizobium culture @ 200 g culture/8-10 kg. Apply 8:16 kg NP/acre during final land preparation under rainfed condition and apply 50% more to irrigated crop. Sow the seeds in line 45-60 cm apart depending upon the duration with 15 –20 cm plant to plant distance.

VEGETABLES:

- Nursery treatment of Brinjal seedlings by soil drenching in nursery with Tebuconazole@1ml/l and Plantomycin@1g/l of water seven days before transplanting
- Select suitable YMV tolerant Okra seeds.
- Go for seed treatment of seeds of cucurbit vegetables with Carboxin+Thiram@1.5g/kg seed Current weather is favourable for attack of **Epilachna beetle** in Brinjal nursery & raton crop besides in Cucurbits. Spray Acephate@1.5g/l of water to control it.
- To control **thrips in chilli** spray 300ml ethion or 400ml carbosulphan in 200litre water/ac.
- Present weather may aggravate **fruit rot in pointed gourd**, to control it remove damaged fruit from the field and drain out excess water. Spray alternately Copper Oxychloride 50% WP (4 g/litre of water) and Metalaxyl 8% + Mancozeb 64% (3 g/litre of water) at sunset on the date of harvest.

ANIMAL HUSBANDRY: Vaccination of livestock should be done. Animal shed should be corrected to protect from direct effect of rain and also should be freed from bushes, grasses and water stagnation.

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Date-14.07.2020

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AGROMET ADVISORY BULLETIN FOR TIGIRIA

District Past week weather condition and Block past Rainfall condition

The block received 45 mm and district received 38 mm rainfall during the last week. The mean daily maximum and minimum temperature was 34°C and 25°C, respectively. Relative humidity of the district was around 87-80%. **According to NDVI map (01.07.2020 to 07.07.2020) the agriculture vigor was less over maximum blocks and very less over some part of Athagad, Banki and Niali, Tangi, whereas according to SPI value (cumulative 4weeks- 1 June 2020 to 8 July 2020), moderately dry condition was there.**

Forecasted period: 15th July 2020 to 19th July 2020

General advisory: Moderate rainfall is forecasted for today and tomorrow and very light to light rainfall is forecasted for next 3 days up to Saturday. The day temperature will be 29-35°C and night temperature will be 24-25°C for upcoming 5 days. Maximum and minimum relative humidity will be 83-87% and 51-68% respectively. There will be partly cloudy to overcast sky for next 5 days. **There will be below normal rainfall in the upcoming week (19-25 July) in Odisha condition.**

Block	Tigiria (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	15/07/2020	16/07/2020	17/07/2020	18/07/2020	19/07/2020
Rainfall(mm)	19	10	5	4	8
T-Max(°C)	29	35	33	33	33
T-Min(°C)	24	24	24	25	24
Cloud Cover(octa)	8	6	5	7	8
RH Max (%)	87	86	85	84	83
RH Min (%)	68	51	54	51	54
Wind Speed (Kmph)	6	18	15	10	16
Wind Direction (deg)	203	201	159	144	159

Agromet Advisory

General: Rainfall is expected during next five days, spray only when sky becomes clear and use sticker to the spray solution. Farmers may go for transplanting of paddy as 45mm rainfall is realized in the past week and also light to moderate rainfall is forecasted for the block in upcoming 5 days. Farmers are advised to do proper arrangement for storing rain water at one portion in the field as there will be below normal rainfall in the upcoming week (19-25 July) in Odisha condition. This water can be used for irrigation in the crops during dry spell. Go for sowing of non-paddy crops like Ragi, Maize, Arhar, Green gram, Black gram, Cowpea, Sesame etc. Go for sowing of fodder crops like maize, sorghum, cowpea etc. Use seed rate of 20, 14 and 14 kg/acre for maize, sorghum and cowpea, respectively. Before sowing of any crop, farmers are advised for application of well decomposed FYM or compost, it increases the water use efficiency as well as nutrient quantity in the soil. Farmers are also advised to increase the use of potash; it helps in minimizing the losses due to the moisture stress during dry spell. Keep the cattle shed clean in rainy season. Use lime and bleaching powder for cleaning.

Kharif Rice: Intermittent dry and wet weather condition, is favourable for incidence of BLB and Sheath blight in early sown nursery seedlings. Go for foliar spray of Hexaconazole with Plantomycin@1.0 g/l to prevent the spread of the disease. Prevailing high temperature condition may lead to infestation of rice thrips in rice nursery. Apply Fipronil 5SC@2ml/l of water or Thiomethoxam@0.4g/ litre of water. In direct seeded rice and early sown rice nurseries, due to erratic rain weed infestation is now a major problem. To control the weeds at two to three leaf stage, spray Bispyribac sodium@20g a.i. ha-1 in 500 litres of water. Utilizing recent rain go for wet nursery sowing in rain deficient blocks or nursery should be prepared with assured irrigation facility.

MAIZE: Early sown crop is at 3 week stage. Go for hoeing and weeding. Apply 16 kg Nitrogen /ac followed by earthing up.

CASHEW NUT: July is the optimum time for cashewnut planting. Grow HYV namely Vengrulla-1.4, BPP-4, Bhubaneswar-1, VRI-2, Hybrid 2-17. Dig out pits of 45x45x45cm at 7.5x7.5m apart in coastal areas, 6x6 m in inland area and 4x4 m in marginal land. Plant 70-80 seedling/acre. Before planting apply 110:60 g NP/pit.

JUTE: Current rainy weather is favourable for attack of Bihari hair caterpillar and other foliage feeders. To control these insects, spray Lambda cyhalothrin 4.9CS @1ml/litre of water

ARHAR: Now the weather is optimum for sowing of arhar. Grow High Yielding varieties suitable for Orissa climate such as Early-duration Prabhat, Upas-120, ICPL-86012, Medium duration- Asha, Visakha, Use 8-10 kg/acre. Before sowing seeds are to be treated with 2 g Bavistin/kg seeds. Treat the seeds with the Rhizobium culture @ 200 g culture/8-10 kg. Apply 8:16 kg NP/acre during final land preparation under rainfed condition and apply 50% more to irrigated crop. Sow the seeds in line 45-60 cm apart depending upon the duration with 15 –20 cm plant to plant distance.

VEGETABLES:

- Nursery treatment of Brinjal seedlings by soil drenching in nursery with Tebuconazole@1ml/l and Plantomycin@1g/l of water seven days before transplanting
- Select suitable YMV tolerant Okra seeds.
- Go for seed treatment of seeds of cucurbit vegetables with Carboxin+Thiram@1.5g/kg seed. Current weather is favourable for attack of **Epilachna beetle** in Brinjal nursery & ratoon crop besides in Cucurbits. Spray Acephate@1.5g/l of water to control it.
- To control **thrips in chilli** spray 300ml ethion or 400ml carbosulphan in 200litre water/ac.
- Present weather may aggravate **fruit rot in pointed gourd**, to control it remove damaged fruit from the field and drain out excess water. Spray alternately Copper Oxychloride 50% WP (4 g/litre of water) and Metalaxyl 8% + Mancozeb 64% (3 g/litre of water) at sunset on the date of harvest.

ANIMAL HUSBANDRY: Vaccination of livestock should be done. Animal shed should be corrected to protect from direct effect of rain and also should be freed from bushes, grasses and water stagnation.

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