



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



Bulletin No-105
Date-10.07.2020

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AGROMET ADVISORY BULLETIN FOR ATHAGAD

District Past week weather condition

The district received 53 mm rainfall during the last week. The mean daily maximum and minimum temperature was 34°C and 24°C, respectively. Relative humidity of the district was around 85-81%. 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: 11th July 2020 to 15th July 2020

General advisory: Light to moderate rainfall for upcoming 5 days. The day temperature will 33-35°C and night temperature will be 24-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 76-88% and 45-57% respectively. There will overcast sky for next 5 days. Farmers should postpone irrigation to the crops and make arrangement for transplanting of rice as light to moderate rainfall is realized and also forecasted for upcoming 5 days. Strengthening of bunds and insitu water harvesting should be carried out by the farmers for future purpose.

Block	Athagad (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	11/07/2020	12/07/2020	13/07/2020	14/07/2020	15/07/2020
Rainfall (mm)	8	7	6	14	7
T-Max (°C)	35	34	34	34	33
T-Min (°C)	26	26	26	25	24
Cloud Cover (octa)	7	8	8	8	7
RH Max (%)	83	76	79	84	88
RH Min (%)	50	48	45	49	57
Wind Speed (kmph)	18	10	10	10	15
Wind Direction (deg)	204	206	216	158	158

Agromet Advisory

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 led 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.

DIRECT SEEDED RICE: After recent rain, farmers those who have grown direct seeded paddy, spray herbicide Pyrazosulfuron ethyl@20g a.i. ha-1 in 750 litres after 7 days of germination of paddy. At latter stages, apply Bispyribac sodium@80ml/acre at 2 to 3 leaf stages of the weeds.

DRY BED NURSERY: Now the weather is Optimum time for nursery sowing of rice under irrigated condition. 10 decimal area is sufficient for nursery sowing for one acre planting. Plough and pulverize the land thoroughly. Layout 6 inches raised beds of 3 ft wide with convenient length. Keep 1 ft wide channel between 2 beds for irrigation and drainage. Apply 40 baskets of FYM, 12 kg Super phosphates and 2 kg MOP to the beds. Sow 25 kg of seeds/acre. Treat the seeds before sowing with fungicide.

WET BED NURSERY: In low land go for raising wet bed nursery. Puddle the land 2-3 times followed by planking. Apply 200 kg of FYM, 4kg of DAP, 2.5 kg of MOP during final bed preparation in 10-decimal area. Do not keep standing water in the bed. Apply 4 kg of Urea at 15 DAS to the nursery area. Sow 25 kg of seeds/acre. Apply 400-gram Chlorantraniliprole 0.4 % G or 800-gram Cartap Hydrochloride 4% GR in the 10 decimal nursery area 7 days before transplanting to manage gall midge, stem borer, caseworm, leaf folder and root knot nematode up to 3 weeks after transplanting.

Intermittent dry and wet weather condition, is favourable for incidence of BLB and Sheath blight in early sown nursery the seedlings. Go for foliar spray of Hexaconazole@1.5ml/l alongwith Plantomycin@1.0 g/l to prevent the spread of the disease.

MAIZE: Early sown crop is at 3 week stage. Go for hoeing and wedding. 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 Lamba 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:

Prepare raised nursery bed for seedlings .For bacterial wilt in brinjal -Root dip with carbendazim @ 0.1%+streptocycline@0.015%for 15 min. For fruit and shoot borer in brinjal install pheromone trap and spray 2ml profenofos or Malathion in 1 liter water alternatively. To control thrips in chilli spray 300ml ethion or 400ml carbosulphan in 200litre water/ac.

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)

Follow Meghdoot Mobile APP for Agromet advisories in local language and DAMINI APP for Lightening alert in your area

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 53 mm rainfall during the last week. The mean daily maximum and minimum temperature was 34°C and 24°C, respectively. Relative humidity of the district was around 85-81%. 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: 11th July 2020 to 15th July 2020

General advisory: Light to moderate rainfall for upcoming 5 days. The day temperature will 33-35°C and night temperature will be 24-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 71-86% and 44-54% respectively. There will be overcast sky for next 5 days. Farmers should postpone irrigation to the crops and make arrangement for transplanting of rice as light to moderate rainfall is realized and also forecasted for upcoming 5 days. Strengthening of bunds and insitu water harvesting should be carried out by the farmers for future purpose.

Block	Badamba (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	11/07/2020	12/07/2020	13/07/2020	14/07/2020	15/07/2020
Rainfall(mm)	9	2	3	12	3
T-Max(°C)	35	34	35	34	33
T-Min(°C)	25	26	26	25	24
Cloud Cover(octa)	7	8	8	8	7
RH Max (%)	81	71	78	82	86
RH Min (%)	50	48	44	47	54
Wind Speed (Kmph)	15	9	9	9	16
Wind Direction (deg)	204	248	240	160	159

Agromet Advisory

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.

DIRECT SEEDED RICE: After recent rain, farmers those who have grown direct seeded paddy, spray herbicide Pyrazosulfuron ethyl@20g a.i. ha-1 in 750 litres after 7 days of germination of paddy. At latter stages, apply Bispyribac sodium@80ml/acre at 2 to 3 leaf stages of the weeds.

DRY BED NURSERY: Now the weather is optimum time for nursery sowing of rice under irrigated condition. 10 decimal area is sufficient for nursery sowing for one acre planting. Plough and pulverize the land thoroughly. Layout 6 inches raised beds of 3 ft wide with convenient length. Keep 1 ft wide channel between 2 beds for irrigation and drainage. Apply 40 baskets of FYM, 12 kg Super phosphates and 2 kg MOP to the beds. Sow 25 kg of seeds/acre. Treat the seeds before sowing with fungicide.

WET BED NURSERY: In low land go for raising wet bed nursery. Puddle the land 2-3 times followed by planking. Apply 200 kg of FYM, 4kg of DAP, 2.5 kg of MOP during final bed preparation in 10-decimal area. Do not keep standing water in the bed. Apply 4 kg of Urea at 15 DAS to the nursery area. Sow 25 kg of seeds/acre. Apply 400-gram Chlorantraniliprole 0.4 % G or 800-gram Cartap Hydrochloride 4% GR in the 10 decimal nursery area 7 days before transplanting to manage gall midge, stem borer, caseworm, leaf folder and root knot nematode up to 3 weeks after transplanting.

Intermittent dry and wet weather condition, is favourable for incidence of BLB and Sheath blight in early sown nursery the seedlings. Go for foliar spray of Hexaconazole@1.5ml/l alongwith Plantomycin@1.0 g/l to prevent the spread of the disease.

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:

Prepare raised nursery bed for seedlings .For bacterial wilt in brinjal -Root dip with carbendazim @ 0.1%+streptocycline@0.015%for 15 min. For fruit and shoot borer in brinjal install pheromone trap and spray 2ml profenofos or Malathion in 1 liter water alternatively. To control thrips in chilli spray 300ml ethion or 400ml carbosulphan in 200litre water/ac.

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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Date-10.07.2020

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

District Past week weather condition

The district received 53 mm rainfall during the last week. The mean daily maximum and minimum temperature was 34°C and 24°C, respectively. Relative humidity of the district was around 85-81%. **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: 11th July 2020 to 15th July 2020

General advisory: Light to moderate rainfall for upcoming 5 days. The day temperature will 33-35°C and night temperature will be 24-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 72-85% and 43-54% respectively. There will be overcast sky for next 5 days. **Farmers should postpone irrigation to the crops and make arrangement for transplanting of rice as light to moderate rainfall is realized and also forecasted for upcoming 5 days. Strengthening of bunds and insitu water harvesting should be carried out by the farmers for future purpose.**

Block	Banki (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	11/07/2020	12/07/2020	13/07/2020	14/07/2020	15/07/2020
Rainfall(mm)	9	2	3	10	2
T-Max(°C)	35	34	35	34	33
T-Min(°C)	25	26	26	25	24
Cloud Cover(octa)	7	8	8	7	7
RH Max (%)	81	72	77	81	85
RH Min (%)	51	47	43	47	54
Wind Speed (Kmph)	18	11	11	11	16
Wind Direction (deg)	204	225	208	160	159

Agromet Advisory

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 led 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.

DIRECT SEEDED RICE: After recent rain, farmers those who have grown direct seeded paddy, spray herbicide Pyrazosulfuron ethyl@20g a.i. ha-1 in 750 litres after 7 days of germination of paddy. At latter stages, apply Bispyribac sodium@80ml/acre at 2 to 3 leaf stages of the weeds.

DRY BED NURSERY: Now the weather is optimum time for nursery sowing of rice under irrigated condition. 10 decimal area is sufficient for nursery sowing for one acre planting. Plough and pulverize the land thoroughly. Layout 6 inches raised beds of 3 ft wide with convenient length. Keep 1 ft wide channel between 2 beds for irrigation and drainage. Apply 40 baskets of FYM, 12 kg Super phosphates and 2 kg MOP to the beds. Sow 25 kg of seeds/acre. Treat the seeds before sowing with fungicide.

WET BED NURSERY: In low land go for raising wet bed nursery. Puddle the land 2-3 times followed by planking. Apply 200 kg of FYM, 4kg of DAP, 2.5 kg of MOP during final bed preparation in 10-decimal area. Do not keep standing water in the bed. Apply 4 kg of Urea at 15 DAS to the nursery area. Sow 25 kg of seeds/acre. Apply 400-gram Chlorantraniliprole 0.4 % G or 800-gram Cartap Hydrochloride 4% GR in the 10 decimal nursery area 7 days before transplanting to manage gall midge, stem borer, caseworm, leaf folder and root knot nematode up to 3 weeks after transplanting.

Intermittent dry and wet weather condition, is favourable for incidence of BLB and Sheath blight in early sown nursery the seedlings. Go for foliar spray of Hexaconazole@1.5ml/l alongwith Plantomycin@1.0 g/l to prevent the spread of the disease.

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 Lamba 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:

Prepare raised nursery bed for seedlings .For bacterial wilt in brinjal -Root dip with carbendazim @ 0.1%+streptocycline@0.015%for 15 min. For fruit and shoot borer in brinjal install pheromone trap and spray 2ml profenofos or Malathion in 1 liter water alternatively. To control thrips in chilli spray 300ml ethion or 400ml carbosulphan in 200litre water/ac.

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 BANKI- DAMPARA

District Past week weather condition

The district received 53 mm rainfall during the last week. The mean daily maximum and minimum temperature was 34°C and 24°C, respectively. Relative humidity of the district was around 85-81%. **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: 11th July 2020 to 15th July 2020

General advisory: Light to moderate rainfall for upcoming 5 days. The day temperature will 33-35°C and night temperature will be 24-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 73-85% and 43-54% respectively. There will be overcast sky for next 5 days. **Farmers should postpone irrigation to the crops and make arrangement for transplanting of rice as light to moderate rainfall is realized and also forecasted for upcoming 5 days. Strengthening of bunds and insitu water harvesting should be carried out by the farmers for future purpose.**

Block	Banki-Dampara (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	11/07/2020	12/07/2020	13/07/2020	14/07/2020	15/07/2020
Rainfall(mm)	8	2	4	11	3
T-Max(°C)	34	34	35	34	33
T-Min(°C)	25	26	26	25	24
Cloud Cover(octa)	7	8	8	7	7
RH Max (%)	81	73	77	81	85
RH Min (%)	51	48	43	48	54
Wind Speed (Kmph)	18	11	11	11	16
Wind Direction (deg)	204	210	208	160	159

Agromet Advisory

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 led 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.

DIRECT SEEDED RICE: After recent rain, farmers those who have grown direct seeded paddy, spray herbicide Pyrazosulfuron ethyl@20g a.i. ha-1 in 750 litres after 7 days of germination of paddy. At latter stages, apply Bispyribac sodium@80ml/acre at 2 to 3 leaf stages of the weeds.

DRY BED NURSERY: Now the weather is optimum time for nursery sowing of rice under irrigated condition. 10 decimal area is sufficient for nursery sowing for one acre planting. Plough and pulverize the land thoroughly. Layout 6 inches raised beds of 3 ft wide with convenient length. Keep 1 ft wide channel between 2 beds for irrigation and drainage. Apply 40 baskets of FYM, 12 kg Super phosphates and 2 kg MOP to the beds. Sow 25 kg of seeds/acre. Treat the seeds before sowing with fungicide.

WET BED NURSERY: In low land go for raising wet bed nursery. Puddle the land 2-3 times followed by planking. Apply 200 kg of FYM, 4kg of DAP, 2.5 kg of MOP during final bed preparation in 10-decimal area. Do not keep standing water in the bed. Apply 4 kg of Urea at 15 DAS to the nursery area. Sow 25 kg of seeds/acre. Apply 400-gram Chlorantraniliprole 0.4 % G or 800-gram Cartap Hydrochloride 4% GR in the 10 decimal nursery area 7 days before transplanting to manage gall midge, stem borer, caseworm, leaf folder and root knot nematode up to 3 weeks after transplanting.

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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 Lamba 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:

Prepare raised nursery bed for seedlings .For bacterial wilt in brinjal -Root dip with carbendazim @ 0.1%+streptocycline@0.015%for 15 min. For fruit and shoot borer in brinjal install pheromone trap and spray 2ml profenofos or Malathion in 1 liter water alternatively. To control thrips in chilli spray 300ml ethion or 400ml carbosulphan in 200litre water/ac.

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AGROMET ADVISORY BULLETIN FOR BARANGA

District Past week weather condition

The district received 53 mm rainfall during the last week. The mean daily maximum and minimum temperature was 34°C and 24°C, respectively. Relative humidity of the district was around 85-81%. **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: 11th July 2020 to 15th July 2020

General advisory; Light to moderate rainfall for upcoming 5 days. The day temperature will 32-34°C and night temperature will be 25-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 74-86% and 44-57% respectively. There will be overcast sky for next 5 days. **Farmers should postpone irrigation to the crops and make arrangement for transplanting of rice as light to moderate rainfall is realized and also forecasted for upcoming 5 days. Strengthening of bunds and insitu water harvesting should be carried out by the farmers for future purpose.**

Block	Baranga(VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	11/07/2020	12/07/2020	13/07/2020	14/07/2020	15/07/2020
Rainfall(mm)	7	3	2	10	7
T-Max(°C)	34	34	34	34	32
T-Min(°C)	26	27	26	26	25
Cloud Cover	7	8	8	8	7
RH Max (%)	80	74	76	81	86
RH Min (%)	48	47	44	46	57
Wind Speed (Kmph)	22	13	13	11	15
Wind Direction (deg)	204	216	205	158	162

Agromet Advisory

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DIRECT SEEDED RICE: After recent rain, farmers those who have grown direct seeded paddy, spray herbicide Pyrazosulfuron ethyl@20g a.i. ha-1 in 750 litres after 7 days of germination of paddy. At latter stages, apply Bispyribac sodium@80ml/acre at 2 to 3 leaf stages of the weeds.

DRY BED NURSERY: Now the weather is optimum time for nursery sowing of rice under irrigated condition. 10 decimal area is sufficient for nursery sowing for one acre planting. Plough and pulverize the land thoroughly. Layout 6 inches raised beds of 3 ft wide with convenient length. Keep 1 ft wide channel between 2 beds for irrigation and drainage. Apply 40 baskets of FYM, 12 kg Super phosphates and 2 kg MOP to the beds. Sow 25 kg of seeds/acre. Treat the seeds before sowing with fungicide.

WET BED NURSERY: In low land go for raising wet bed nursery. Puddle the land 2-3 times followed by planking. Apply 200 kg of FYM, 4kg of DAP, 2.5 kg of MOP during final bed preparation in 10-decimal area. Do not keep standing water in the bed. Apply 4 kg of Urea at 15 DAS to the nursery area. Sow 25 kg of seeds/acre. Apply 400-gram Chlorantraniliprole 0.4 % G or 800-gram Cartap Hydrochloride 4% GR in the 10 decimal nursery area 7 days before transplanting to manage gall midge, stem borer, caseworm, leaf folder and root knot nematode up to 3 weeks after transplanting.

Intermittent dry and wet weather condition, is favourable for incidence of BLB and Sheath blight in early sown nursery the seedlings. Go for foliar spray of Hexaconazole@1.5ml/l alongwith Plantomycin@1.0 g/l to prevent the spread of the disease.

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 Lamba 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:

Prepare raised nursery bed for seedlings .For bacterial wilt in brinjal -Root dip with carbendazim @ 0.1%+streptocycline@0.015%for 15 min. For fruit and shoot borer in brinjal install pheromone trap and spray 2ml profenofos or Malathion in 1 liter water alternatively. To control thrips in chilli spray 300ml ethion or 400ml carbosulphan in 200litre water/ac.

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)

Follow Meghdoot Mobile APP for Agromet advisories in local language and DAMINI APP for Lightening alert in your area

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-105
Date-10.07.2020

E-mail: kvkcuttack@gmail.com

AGROMET ADVISORY BULLETIN FOR CUTTACK SADAR

District Past week weather condition

The district received 53 mm rainfall during the last week. The mean daily maximum and minimum temperature was 34°C and 24°C, respectively. Relative humidity of the district was around 85-81%. 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: 11th July 2020 to 15th July 2020

General advisory: Light to moderate rainfall for upcoming 5 days. The day temperature will 32-34°C and night temperature will be 25-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 76-87% and 45-58% respectively. There will be overcast sky for next 5 days. Farmers should postpone irrigation to the crops and make arrangement for transplanting of rice as light to moderate rainfall is realized and also forecasted for upcoming 5 days. Strengthening of bunds and insitu water harvesting should be carried out by the farmers for future purpose.

Block	Cuttack sadar (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	11/07/2020	12/07/2020	13/07/2020	14/07/2020	15/07/2020
Rainfall(mm)	7	6	2	11	9
T-Max(°C)	34	34	34	34	32
T-Min(°C)	26	27	27	26	25
Cloud Cover(octa)	7	8	8	8	7
RH Max (%)	81	76	77	83	87
RH Min (%)	48	46	45	48	58
Wind Speed (Kmph)	21	13	12	11	14
Wind Direction (deg)	204	206	208	158	159

Agromet Advisory

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 led 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.

DIRECT SEEDED RICE: After recent rain, farmers those who have grown direct seeded paddy, spray herbicide Pyrazosulfuron ethyl@20g a.i. ha-1 in 750 litres after 7 days of germination of paddy. At latter stages, apply Bispyribac sodium@80ml/acre at 2 to 3 leaf stages of the weeds.

DRY BED NURSERY: Now the weather is optimum time for nursery sowing of rice under irrigated condition. 10 decimal area is sufficient for nursery sowing for one acre planting. Plough and pulverize the land thoroughly. Layout 6 inches raised beds of 3 ft wide with convenient length. Keep 1 ft wide channel between 2 beds for irrigation and drainage. Apply 40 baskets of FYM, 12 kg Super phosphates and 2 kg MOP to the beds. Sow 25 kg of seeds/acre. Treat the seeds before sowing with fungicide.

WET BED NURSERY: In low land go for raising wet bed nursery. Puddle the land 2-3 times followed by planking. Apply 200 kg of FYM, 4kg of DAP, 2.5 kg of MOP during final bed preparation in 10-decimal area. Do not keep standing water in the bed. Apply 4 kg of Urea at 15 DAS to the nursery area. Sow 25 kg of seeds/acre. Apply 400-gram Chlorantraniliprole 0.4 % G or 800-gram Cartap Hydrochloride 4% GR in the 10 decimal nursery area 7 days before transplanting to manage gall midge, stem borer, caseworm, leaf folder and root knot nematode up to 3 weeks after transplanting.

Intermittent dry and wet weather condition, is favourable for incidence of BLB and Sheath blight in early sown nursery the seedlings. Go for foliar spray of Hexaconazole@1.5ml/l alongwith Plantomycin@1.0 g/l to prevent the spread of the disease.

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:

Prepare raised nursery bed for seedlings .For bacterial wilt in brinjal -Root dip with carbendazim @ 0.1%+streptocycline@0.015%for 15 min. For fruit and shoot borer in brinjal install pheromone trap and spray 2ml profenofos or Malathion in 1 liter water alternatively. To control thrips in chilli spray 300ml ethion or 400ml carbosulphan in 200litre water/ac.

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



Bulletin No-105
Date-10.07.2020

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

District Past week weather condition

The district received 53 mm rainfall during the last week. The mean daily maximum and minimum temperature was 34°C and 24°C, respectively. Relative humidity of the district was around 85-81%. **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: 11th July 2020 to 15th July 2020

General advisory: Light to moderate rainfall for upcoming 5 days. The day temperature will 32-34°C and night temperature will be 25-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 72-85% and 44-58% respectively. There will be overcast sky for next 5 days. **Farmers should postpone irrigation to the crops and make arrangement for transplanting of rice as light to moderate rainfall is realized and also forecasted for upcoming 5 days. Strengthening of bunds and insitu water harvesting should be carried out by the farmers for future purpose.**

Block	Kantapada (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	11/07/2020	12/07/2020	13/07/2020	14/07/2020	15/07/2020
Rainfall(mm)	6	3	4	12	8
T-Max(°C)	34	34	33	34	32
T-Min(°C)	27	27	27	26	25
Cloud Cover(octa)	7	8	8	8	7
RH Max (%)	77	72	76	81	85
RH Min (%)	49	45	45	44	58
Wind Speed (Kmph)	23	14	14	13	15
Wind Direction (deg)	204	212	207	171	193

Agromet Advisory

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 led 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.

DIRECT SEEDED RICE: After recent rain, farmers those who have grown direct seeded paddy, spray herbicide Pyrazosulfuron ethyl@20g a.i. ha-1 in 750 litres after 7 days of germination of paddy. At latter stages, apply Bispyribac sodium@80ml/acre at 2 to 3 leaf stages of the weeds.

DRY BED NURSERY: Now the weather is optimum time for nursery sowing of rice under irrigated condition. 10 decimal area is sufficient for nursery sowing for one acre planting. Plough and pulverize the land thoroughly. Layout 6 inches raised beds of 3 ft wide with convenient length. Keep 1 ft wide channel between 2 beds for irrigation and drainage. Apply 40 baskets of FYM, 12 kg Super phosphates and 2 kg MOP to the beds. Sow 25 kg of seeds/acre. Treat the seeds before sowing with fungicide.

WET BED NURSERY: In low land go for raising wet bed nursery. Puddle the land 2-3 times followed by planking. Apply 200 kg of FYM, 4kg of DAP, 2.5 kg of MOP during final bed preparation in 10-decimal area. Do not keep standing water in the bed. Apply 4 kg of Urea at 15 DAS to the nursery area. Sow 25 kg of seeds/acre. Apply 400-gram Chlorantraniliprole 0.4 % G or 800-gram Cartap Hydrochloride 4% GR in the 10 decimal nursery area 7 days before transplanting to manage gall midge, stem borer, caseworm, leaf folder and root knot nematode up to 3 weeks after transplanting.

Intermittent dry and wet weather condition, is favourable for incidence of BLB and Sheath blight in early sown nursery the seedlings. Go for foliar spray of Hexaconazole@1.5ml/l alongwith Plantomycin@1.0 g/l to prevent the spread of the disease.

MAIZE: Early sown crop is at 3 week stage. Go for hoeing and wedding. 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 Lamba 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:

Prepare raised nursery bed for seedlings .For bacterial wilt in brinjal -Root dip with carbendazim @ 0.1%+streptocycline@0.015%for 15 min. For fruit and shoot borer in brinjal install pheromone trap and spray 2ml profenofos or Malathion in 1 liter water alternatively. To control thrips in chilli spray 300ml ethion or 400ml carbosulphan in 200litre water/ac.

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-105
Date-10.07.2020

E-mail: kvkcuttack@gmail.com

AGROMET ADVISORY BULLETIN FOR MAHANGA

District Past week weather condition

The district received 53 mm rainfall during the last week. The mean daily maximum and minimum temperature was 34°C and 24°C, respectively. Relative humidity of the district was around 85-81%. 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: 11th July 2020 to 15th July 2020

General advisory: Light to moderate rainfall for upcoming 5 days. The day temperature will 31-34°C and night temperature will be 25-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 77-88% and 46-64% respectively. There will be overcast sky for next 5 days. Farmers should postpone irrigation to the crops and make arrangement for transplanting of rice as light to moderate rainfall is realized and also forecasted for upcoming 5 days. Strengthening of bunds and insitu water harvesting should be carried out by the farmers for future purpose.

Block	Mahanga (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	11/07/2020	12/07/2020	13/07/2020	14/07/2020	15/07/2020
Rainfall(mm)	6	7	4	13	7
T-Max(°C)	34	34	34	33	31
T-Min(°C)	27	27	27	26	25
Cloud Cover(octal)	8	8	8	8	7
RH Max (%)	78	77	77	85	88
RH Min (%)	49	46	46	49	64
Wind Speed (Kmph)	23	14	15	12	14
Wind Direction (deg)	204	225	205	160	180

Agromet Advisory

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.

DIRECT SEEDED RICE: After recent rain, farmers those who have grown direct seeded paddy, spray herbicide Pyrazosulfuron ethyl@20g a.i. ha-1 in 750 litres after 7 days of germination of paddy. At latter stages, apply Bispyribac sodium@80ml/acre at 2 to 3 leaf stages of the weeds.

DRY BED NURSERY: Now the weather is optimum time for nursery sowing of rice under irrigated condition. 10 decimal area is sufficient for nursery sowing for one acre planting. Plough and pulverize the land thoroughly. Layout 6 inches raised beds of 3 ft wide with convenient length. Keep 1 ft wide channel between 2 beds for irrigation and drainage. Apply 40 baskets of FYM, 12 kg Super phosphates and 2 kg MOP to the beds. Sow 25 kg of seeds/acre. Treat the seeds before sowing with fungicide.

WET BED NURSERY: In low land go for raising wet bed nursery. Puddle the land 2-3 times followed by planking. Apply 200 kg of FYM, 4kg of DAP, 2.5 kg of MOP during final bed preparation in 10-decimal area. Do not keep standing water in the bed. Apply 4 kg of Urea at 15 DAS to the nursery area. Sow 25 kg of seeds/acre. Apply 400-gram Chlorantraniliprole 0.4 % G or 800-gram Cartap Hydrochloride 4% GR in the 10 decimal nursery area 7 days before transplanting to manage gall midge, stem borer, case worm, leaf folder and root knot nematode up to 3 weeks after transplanting.

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@1.5ml/l alongwith Plantomycin@1.0 g/l to prevent the spread of the disease.

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:

Prepare raised nursery bed for seedlings. For bacterial wilt in brinjal -Root dip with carbendazim @ 0.1%+streptocycline@0.015%for 15 min. For fruit and shoot borer in brinjal install pheromone trap and spray 2ml profenofos or Malathion in 1 liter water alternatively. To control thrips in chilli spray 300ml ethion or 400ml carbusulphan in 200litre water/ac.

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



Bulletin No-105
Date-10.07.2020

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

District Past week weather condition

The district received 53 mm rainfall during the last week. The mean daily maximum and minimum temperature was 34°C and 24°C, respectively. Relative humidity of the district was around 85-81%. **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: 11th July 2020 to 15th July 2020

General advisory; Light to moderate rainfall for upcoming 5 days. The day temperature will 33-35°C and night temperature will be 24-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 71-89% and 43-54% respectively. There will be overcast sky for next 5 days. **Farmers should postpone irrigation to the crops and make arrangement for transplanting of rice as light to moderate rainfall is realized and also forecasted for upcoming 5 days. Strengthening of bunds and insitu water harvesting should be carried out by the farmers for future purpose.**

Block	Narasinghpur(VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	11/07/2020	12/07/2020	13/07/2020	14/07/2020	15/07/2020
Rainfall(mm)	10	2	3	15	5
T-Max(°C)	34	34	35	35	33
T-Min(°C)	25	26	25	25	24
Cloud Cover(/octa)	7	8	8	8	6
RH Max (%)	81	71	73	83	89
RH Min (%)	49	48	43	46	54
Wind Speed (Kmph)	10	8	8	6	12
Wind Direction (deg)	197	270	180	160	158

Agromet Advisory

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 led 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.

DIRECT SEEDED RICE: After recent rain, farmers those who have grown direct seeded paddy, spray herbicide Pyrazosulfuron ethyl@20g a.i. ha-1 in 750 litres after 7 days of germination of paddy. At latter stages, apply Bispyribac sodium@80ml/acre at 2 to 3 leaf stages of the weeds.

DRY BED NURSERY: Now the weather is optimum time for nursery sowing of rice under irrigated condition. 10 decimal area is sufficient for nursery sowing for one acre planting. Plough and pulverize the land thoroughly. Layout 6 inches raised beds of 3 ft wide with convenient length. Keep 1 ft wide channel between 2 beds for irrigation and drainage. Apply 40 baskets of FYM, 12 kg Super phosphates and 2 kg MOP to the beds. Sow 25 kg of seeds/acre. Treat the seeds before sowing with fungicide.

WET BED NURSERY: In low land go for raising wet bed nursery. Puddle the land 2-3 times followed by planking. Apply 200 kg of FYM, 4kg of DAP, 2.5 kg of MOP during final bed preparation in 10-decimal area. Do not keep standing water in the bed. Apply 4 kg of Urea at 15 DAS to the nursery area. Sow 25 kg of seeds/acre. Apply 400-gram Chlorantraniliprole 0.4 % G or 800-gram Cartap Hydrochloride 4% GR in the 10 decimal nursery area 7 days before transplanting to manage gall midge, stem borer, caseworm, leaf folder and root knot nematode up to 3 weeks after transplanting.

Intermittent dry and wet weather condition, is favourable for incidence of BLB and Sheath blight in early sown nursery the seedlings. Go for foliar spray of Hexaconazole@1.5ml/l alongwith Plantomycin@1.0 g/l to prevent the spread of the disease.

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 Lamba 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:

Prepare raised nursery bed for seedlings .For bacterial wilt in brinjal -Root dip with carbendazim @ 0.1%+streptocycline@0.015%for 15 min. For fruit and shoot borer in brinjal install pheromone trap and spray 2ml profenofos or Malathion in 1 liter water alternatively. To control thrips in chilli spray 300ml ethion or 400ml carbosulphan in 200litre water/ac.

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)

Follow Meghdoot Mobile APP for Agromet advisories in local language and DAMINI APP for Lightening alert in your area

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



Bulletin No-105
Date-10.07.2020

E-mail: kvkcuttack@gmail.com

AGROMET ADVISORY BULLETIN FOR NIALI

District Past week weather condition

The district received 53 mm rainfall during the last week. The mean daily maximum and minimum temperature was 34°C and 24°C, respectively. Relative humidity of the district was around 85-81%. 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: 11th July 2020 to 15th July 2020

General advisory: Light to moderate rainfall for upcoming 5 days. The day temperature will 32-34°C and night temperature will be 25-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 70-83% and 45-58% respectively. There will be overcast sky for next 5 days. Farmers should postpone irrigation to the crops and make arrangement for transplanting of rice as light to moderate rainfall is realized and also forecasted for upcoming 5 days. Strengthening of bunds and insitu water harvesting should be carried out by the farmers for future purpose.

Block	Niali (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	11/07/2020	12/07/2020	13/07/2020	14/07/2020	15/07/2020
Rainfall(mm)	6	1	3	13	2
T-Max(°C)	34	34	33	34	32
T-Min(°C)	27	27	27	26	25
Cloud Cover(octa)	7	8	8	8	7
RH Max (%)	76	70	75	80	83
RH Min (%)	52	45	46	45	58
Wind Speed(Kmph)	25	16	16	15	17
Wind Direction(deg)	204	225	207	193	193

Agromet Advisory

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 led 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.

DIRECT SEEDED RICE: After recent rain, farmers those who have grown direct seeded paddy, spray herbicide Pyrazosulfuron ethyl@20g a.i. ha-1 in 750 litres after 7 days of germination of paddy. At latter stages, apply Bispyribac sodium@80ml/acre at 2 to 3 leaf stages of the weeds.

DRY BED NURSERY: Now the weather is Optimum time for nursery sowing of rice under irrigated condition. 10 decimal area is sufficient for nursery sowing for one acre planting. Plough and pulverize the land thoroughly. Layout 6 inches raised beds of 3 ft wide with convenient length. Keep 1 ft wide channel between 2 beds for irrigation and drainage. Apply 40 baskets of FYM, 12 kg Super phosphates and 2 kg MOP to the beds. Sow 25 kg of seeds/acre. Treat the seeds before sowing with fungicide.

WET BED NURSERY: In low land go for raising wet bed nursery. Puddle the land 2-3 times followed by planking. Apply 200 kg of FYM, 4kg of DAP, 2.5 kg of MOP during final bed preparation in 10-decimal area. Do not keep standing water in the bed. Apply 4 kg of Urea at 15 DAS to the nursery area. Sow 25 kg of seeds/acre. Apply 400-gram Chlorantraniliprole 0.4 % G or 800-gram Cartap Hydrochloride 4% GR in the 10 decimal nursery area 7 days before transplanting to manage gall midge, stem borer, caseworm, leaf folder and root knot nematode up to 3 weeks after transplanting.

Intermittent dry and wet weather condition, is favourable for incidence of BLB and Sheath blight in early sown nursery the seedlings. Go for foliar spray of Hexaconazole@1.5ml/l alongwith Plantomycin@1.0 g/l to prevent the spread of the disease.

MAIZE: Early sown crop is at 3 week stage. Go for hoeing and wedding. 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 Lamba 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:

Prepare raised nursery bed for seedlings .For bacterial wilt in brinjal -Root dip with carbendazim @ 0.1%+streptocycline@0.015%for 15 min. For fruit and shoot borer in brinjal install pheromone trap and spray 2ml profenofos or Malathion in 1 liter water alternatively. To control thrips in chilli spray 300ml ethion or 400ml carbosulphan in 200litre water/ac.

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-105
Date-10.07.2020

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

District Past week weather condition

The district received 53 mm rainfall during the last week. The mean daily maximum and minimum temperature was 34°C and 24°C, respectively. Relative humidity of the district was around 85-81%. 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: 11th July 2020 to 15th July 2020

General advisory: Light to moderate rainfall for upcoming 5 days. The day temperature will 31-34°C and night temperature will be 25-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 76-87% and 46-63% respectively. There will be overcast sky for next 5 days. Farmers should postpone irrigation to the crops and make arrangement for transplanting of rice as light to moderate rainfall is realized and also forecasted for upcoming 5 days. Strengthening of bunds and insitu water harvesting should be carried out by the farmers for future purpose.

Block	Nischintakoili (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	11/07/2020	12/07/2020	13/07/2020	14/07/2020	15/07/2020
Rainfall(mm)	6	5	6	12	8
T-Max(°C)	34	34	34	33	31
T-Min(°C)	27	27	27	26	25
Cloud Cover(octa)	7	8	8	8	7
RH Max (%)	78	76	77	85	87
RH Min (%)	49	47	46	48	63
Wind Speed (Kmph)	23	14	15	12	14
Wind Direction (deg)	204	225	205	160	180

Agromet Advisory

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 led 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.

DIRECT SEEDED RICE: After recent rain, farmers those who have grown direct seeded paddy, spray herbicide Pyrazosulfuron ethyl@20g a.i. ha-1 in 750 litres after 7 days of germination of paddy. At latter stages, apply Bispyribac sodium@80ml/acre at 2 to 3 leaf stages of the weeds.

DRY BED NURSERY: Now the weather is optimum time for nursery sowing of rice under irrigated condition. 10 decimal area is sufficient for nursery sowing for one acre planting. Plough and pulverize the land thoroughly. Layout 6 inches raised beds of 3 ft wide with convenient length. Keep 1 ft wide channel between 2 beds for irrigation and drainage. Apply 40 baskets of FYM, 12 kg Super phosphates and 2 kg MOP to the beds. Sow 25 kg of seeds/acre. Treat the seeds before sowing with fungicide.

WET BED NURSERY: In low land go for raising wet bed nursery. Puddle the land 2-3 times followed by planking. Apply 200 kg of FYM, 4kg of DAP, 2.5 kg of MOP during final bed preparation in 10-decimal area. Do not keep standing water in the bed. Apply 4 kg of Urea at 15 DAS to the nursery area. Sow 25 kg of seeds/acre. Apply 400-gram Chlorantraniliprole 0.4 % G or 800-gram Cartap Hydrochloride 4% GR in the 10 decimal nursery area 7 days before transplanting to manage gall midge, stem borer, caseworm, leaf folder and root knot nematode up to 3 weeks after transplanting.

Intermittent dry and wet weather condition, is favourable for incidence of BLB and Sheath blight in early sown nursery the seedlings. Go for foliar spray of Hexaconazole@1.5ml/l alongwith Plantomycin@1.0 g/l to prevent the spread of the disease.

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:

Prepare raised nursery bed for seedlings. For bacterial wilt in brinjal -Root dip with carbendazim @ 0.1%+streptocycline@0.015%for 15 min. For fruit and shoot borer in brinjal install pheromone trap and spray 2ml profenofos or Malathion in 1 liter water alternatively. To control thrips in chilli spray 300ml ethion or 400ml carbosulphan in 200litre water/ac.

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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Bulletin No-105
Date-10.07.2020

E-mail: kvkcuttack@gmail.com

AGROMET ADVISORY BULLETIN FOR SALEPUR

District Past week weather condition

The district received 53 mm rainfall during the last week. The mean daily maximum and minimum temperature was 34°C and 24°C, respectively. Relative humidity of the district was around 85-81%. 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: 11th July 2020 to 15th July 2020

General advisory: Light to moderate rainfall for upcoming 5 days. The day temperature will 31-34°C and night temperature will be 25-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 76-88% and 46-63% respectively. There will be overcast sky for next 5 days. Farmers should postpone irrigation to the crops and make arrangement for transplanting of rice as light to moderate rainfall is realized and also forecasted for upcoming 5 days. Strengthening of bunds and insitu water harvesting should be carried out by the farmers for future purpose.

Block	Salepur (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	11/07/2020	12/07/2020	13/07/2020	14/07/2020	15/07/2020
Rainfall(mm)	6	6	5	11	8
T-Max(°C)	34	34	34	33	31
T-Min(°C)	27	27	27	26	25
Cloud Cover(octa)	8	8	8	8	7
RH Max (%)	78	76	77	85	88
RH Min (%)	49	47	46	48	63
Wind Speed (Kmph)	23	14	14	12	14
Wind Direction (deg)	204	225	205	160	180

Agromet Advisory

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 led 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.

DIRECT SEEDED RICE: After recent rain, farmers those who have grown direct seeded paddy, spray herbicide Pyrazosulfuron ethyl@20g a.i. ha-1 in 750 litres after 7 days of germination of paddy. At latter stages, apply Bispyribac sodium@80ml/acre at 2 to 3 leaf stages of the weeds.

DRY BED NURSERY: Now the weather is optimum time for nursery sowing of rice under irrigated condition. 10 decimal area is sufficient for nursery sowing for one acre planting. Plough and pulverize the land thoroughly. Layout 6 inches raised beds of 3 ft wide with convenient length. Keep 1 ft wide channel between 2 beds for irrigation and drainage. Apply 40 baskets of FYM, 12 kg Super phosphates and 2 kg MOP to the beds. Sow 25 kg of seeds/acre. Treat the seeds before sowing with fungicide.

WET BED NURSERY: In low land go for raising wet bed nursery. Puddle the land 2-3 times followed by planking. Apply 200 kg of FYM, 4kg of DAP, 2.5 kg of MOP during final bed preparation in 10-decimal area. Do not keep standing water in the bed. Apply 4 kg of Urea at 15 DAS to the nursery area. Sow 25 kg of seeds/acre. Apply 400-gram Chlorantraniliprole 0.4 % G or 800-gram Cartap Hydrochloride 4% GR in the 10 decimal nursery area 7 days before transplanting to manage gall midge, stem borer, caseworm, leaf folder and root knot nematode up to 3 weeks after transplanting.

Intermittent dry and wet weather condition, is favourable for incidence of BLB and Sheath blight in early sown nursery the seedlings. Go for foliar spray of Hexaconazole@1.5ml/l alongwith Plantomycin@1.0 g/l to prevent the spread of the disease.

MAIZE: Early sown crop is at 3 week stage. Go for hoeing and wedding. 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 Lamba 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:

Prepare raised nursery bed for seedlings .For bacterial wilt in brinjal -Root dip with carbendazim @ 0.1%+streptocycline@0.015%for 15 min. For fruit and shoot borer in brinjal install pheromone trap and spray 2ml profenofos or Malathion in 1 liter water alternatively. To control thrips in chilli spray 300ml ethion or 400ml carbosulphan in 200litre water/ac.

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-10.07.2020

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AGROMET ADVISORY BULLETIN FOR TANGI-CHOUDWAR

The district received 53 mm rainfall during the last week. The mean daily maximum and minimum temperature was 34°C and 24°C, respectively. Relative humidity of the district was around 85-81%. *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: 11th July 2020 to 15th July 2020

General advisory: **Light to moderate rainfall for upcoming 5 days.** The day temperature will 33-36°C and night temperature will be 29-30°C for upcoming 5 days. Maximum and minimum relative humidity will be 75-83% and 51-66% respectively. There will be overcast sky for next 5 days. *Farmers should postpone irrigation to the crops and make arrangement for transplanting of rice as light to moderate rainfall is realized and also forecasted for upcoming 5 days. Strengthening of bunds and insitu water harvesting should be carried out by the farmers for future purpose.*

Block	Tangi-Choudwar (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	11/07/2020	12/07/2020	13/07/2020	14/07/2020	15/07/2020
Rainfall(mm)	8	6	5	13	5
T-Max(°C)	35	36	35	35	33
T-Min(°C)	29	30	29	29	29
Cloud Cover(octa)	7	8	8	8	7
RH Max (%)	79	75	76	82	83
RH Min (%)	60	51	55	53	66
Wind Speed (Kmph)	27	21	19	18	19
Wind Direction (deg)	203	212	204	198	193

Agromet Advisory

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 led 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.

DIRECT SEEDED RICE: After recent rain, farmers those who have grown direct seeded paddy, spray herbicide Pyrazosulfuron ethyl@20g a.i. ha-1 in 750 litres after 7 days of germination of paddy. At latter stages, apply Bispyribac sodium@80ml/acre at 2 to 3 leaf stages of the weeds.

DRY BED NURSERY: Now the weather is optimum time for nursery sowing of rice under irrigated condition. 10 decimal area is sufficient for nursery sowing for one acre planting. Plough and pulverize the land thoroughly. Layout 6 inches raised beds of 3 ft wide with convenient length. Keep 1 ft wide channel between 2 beds for irrigation and drainage. Apply 40 baskets of FYM, 12 kg Super phosphates and 2 kg MOP to the beds. Sow 25 kg of seeds/acre. Treat the seeds before sowing with fungicide.

WET BED NURSERY: In low land go for raising wet bed nursery. Puddle the land 2-3 times followed by planking. Apply 200 kg of FYM, 4kg of DAP, 2.5 kg of MOP during final bed preparation in 10-decimal area. Do not keep standing water in the bed. Apply 4 kg of Urea at 15 DAS to the nursery area. Sow 25 kg of seeds/acre. Apply 400-gram Chlorantraniliprole 0.4 % G or 800-gram Cartap Hydrochloride 4% GR in the 10 decimal nursery area 7 days before transplanting to manage gall midge, stem borer, caseworm, leaf folder and root knot nematode up to 3 weeks after transplanting.

Intermittent dry and wet weather condition, is favourable for incidence of BLB and Sheath blight in early sown nursery the seedlings. Go for foliar spray of Hexaconazole@1.5ml/l alongwith Plantomycin@1.0 g/l to prevent the spread of the disease.

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:

Prepare raised nursery bed for seedlings .For bacterial wilt in brinjal -Root dip with carbendazim @ 0.1%+streptocycline@0.015%for 15 min. For fruit and shoot borer in brinjal install pheromone trap and spray 2ml profenofos or Malathion in 1 liter water alternatively. To control thrips in chilli spray 300ml ethion or 400ml carbosulphan in 200litre water/ac.

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 TIGIRIA

District Past week weather condition

The district received 53 mm rainfall during the last week. The mean daily maximum and minimum temperature was 34°C and 24°C, respectively. Relative humidity of the district was around 85-81%. 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: 11th July 2020 to 15th July 2020

General advisory: Light to moderate rainfall for upcoming 5 days. The day temperature will 33-35°C and night temperature will be 24-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 73-87% and 44-56% respectively. There will be overcast sky for next 5 days. Farmers should postpone irrigation to the crops and make arrangement for transplanting of rice as light to moderate rainfall is realized and also forecasted for upcoming 5 days. Strengthening of bunds and insitu water harvesting should be carried out by the farmers for future purpose.

Block	Tigiria (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	11/07/2020	12/07/2020	13/07/2020	14/07/2020	15/07/2020
Rainfall(mm)	9	2	5	12	5
T-Max(°C)	35	34	35	34	33
T-Min(°C)	25	26	26	25	24
Cloud Cover(octa)	7	8	8	8	7
RH Max (%)	82	73	80	83	87
RH Min (%)	50	48	44	47	56
Wind Speed (Kmph)	16	9	10	10	15
Wind Direction (deg)	204	206	216	158	158

Agromet Advisory

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 led 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.

DIRECT SEEDED RICE: After recent rain, farmers those who have grown direct seeded paddy, spray herbicide Pyrazosulfuron ethyl@20g a.i. ha-1 in 750 litres after 7 days of germination of paddy. At latter stages, apply Bispyribac sodium@80ml/acre at 2 to 3 leaf stages of the weeds.

DRY BED NURSERY: Now the weather is optimum time for nursery sowing of rice under irrigated condition. 10 decimal area is sufficient for nursery sowing for one acre planting. Plough and pulverize the land thoroughly. Layout 6 inches raised beds of 3 ft wide with convenient length. Keep 1 ft wide channel between 2 beds for irrigation and drainage. Apply 40 baskets of FYM, 12 kg Super phosphates and 2 kg MOP to the beds. Sow 25 kg of seeds/acre. Treat the seeds before sowing with fungicide.

WET BED NURSERY: In low land go for raising wet bed nursery. Puddle the land 2-3 times followed by planking. Apply 200 kg of FYM, 4kg of DAP, 2.5 kg of MOP during final bed preparation in 10-decimal area. Do not keep standing water in the bed. Apply 4 kg of Urea at 15 DAS to the nursery area. Sow 25 kg of seeds/acre. Apply 400-gram Chlorantraniliprole 0.4 % G or 800-gram Cartap Hydrochloride 4% GR in the 10 decimal nursery area 7 days before transplanting to manage gall midge, stem borer, caseworm, leaf folder and root knot nematode up to 3 weeks after transplanting.

Intermittent dry and wet weather condition, is favourable for incidence of BLB and Sheath blight in early sown nursery the seedlings. Go for foliar spray of Hexaconazole@1.5ml/l alongwith Plantomycin@1.0 g/l to prevent the spread of the disease.

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 Lamba 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:

Prepare raised nursery bed for seedlings .For bacterial wilt in brinjal -Root dip with carbendazim @ 0.1%+streptocycline@0.015%for 15 min. For fruit and shoot borer in brinjal install pheromone trap and spray 2ml profenofos or Malathion in 1 liter water alternatively. To control thrips in chilli spray 300ml ethion or 400ml carbosulphan in 200litre water/ac.

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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