



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



Bulletin No-104
Date-07.07.2020

E-mail: kvkcuttack@gmail.com

AGROMET ADVISORY BULLETIN FOR ATHAGAD

District Past week weather condition

The district received 37mm rainfall during the last week. The mean daily maximum and minimum temperature was 36°C and 25°C, respectively. Relative humidity of the district was around 84-81%. According to NDVI map (24.06.2020 to 30.06.2020) the agriculture vigor was less over maximum blocks and very less over some part of Athagad, Banki and Niali, whereas according to SPI value (cumulative 4 weeks-4 June 2020 to 1st July 2020), moderately dry condition was there.

Forecasted period: 08th July 2020 to 12th July 2020

General advisory: Light to moderate rainfall for upcoming 5 days. The day temperature will 33-35°C and night temperature will be 25-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 75-82% and 45-51% respectively. There will overcast sky for next 5 days. Farmers should prepare raised nursery bed for vegetable seedlings. They should complete the nursery sowing of paddy in this week as sufficient rainfall was realized in the past week as well as light to moderate rainfall is forecasted in the upcoming 5 days.

Block	Athagad (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	Date	08/07/2020	09/07/2020	10/07/2020	11/07/2020
Rainfall (mm)	6	3	10	8	6
T-Max (°C)	34	35	33	35	34
T-Min (°C)	26	25	25	26	25
Cloud Cover (octa)	7	7	7	8	8
RH Max (%)	80	82	80	75	79
RH Min (%)	51	45	45	46	47
Wind Speed (kmph)	12	12	15	14	10
Wind Direction (deg)	225	204	204	205	210

Agromet Advisory

DIRECT SEEDED RICE: After recent rain, farmers those who have grown direct seeded paddy, spray weedicide 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 Hezxaconazole @1.5ml/l along with Plantomycin @1.0 g/l to prevent the spread of the disease.

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

JUTE: Recent rain & forecasted rain will aggravate weed problem in early sown crop. To control grass weeds, apply Quizalofop-ethyl @2ml/litre of water at 2-3 leaf stage of weeds. Utilizing recent rain, apply 1/3 rd N (32kg Urea) after 1st weeding and thinning.

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%+streptomycin @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)

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



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(A Unit of ICAR-National Rice Research Institute)



Bulletin No-104
Date-07.07.2020

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

District Past week weather condition

The district received 37mm rainfall during the last week. The mean daily maximum and minimum temperature was 36°C and 25°C, respectively. Relative humidity of the district was around 84-81%. **According to NDVI map (24.06.2020 to 30.06.2020) the agriculture vigor was lesser over maximum blocks and very less over some part of Athagad, Banki and Niali, whereas according to SPI value (cumulative 4 weeks-4 June 2020 to 1st July 2020), moderately dry condition was there.**

Forecasted period: 08th July 2020 to 12th July 2020

General advisory: Light to moderate rainfall for upcoming 5 days. The day temperature will 34-35°C and night temperature will be 24-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 73-80% and 44-47% respectively. There will be overcast sky for next 5 days. **Farmers should Prepare raised nursery bed for vegetable seedlings. They should complete the nursery sowing of paddy in this week as sufficient rainfall was realized in the past weeks well as light to moderate rainfall is forecasted in the upcoming 5 days.**

Block	Badamba (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	08/07/2020	09/07/2020	10/07/2020	11/07/2020	12/07/2020
Rainfall(mm)	4	2	12	6	3
T-Max(°C)	35	35	34	35	34
T-Min(°C)	25	24	24	26	25
Cloud Cover(octa)	7	7	7	8	8
RH Max (%)	79	80	78	73	74
RH Min (%)	47	44	46	45	44
Wind Speed (Kmph)	12	11	13	13	8
Wind Direction (deg)	212	204	204	205	210

Agromet Advisory

DIRECT SEEDED RICE: After recent rain, farmers those who have grown direct seeded paddy, spray weedicide 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 Hezxaconazole@1.5ml/l alongwith Plantomycin@1.0 g/l to prevent the spread of the disease.

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

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 200liter 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)

Debasish Jena
SMS (Agrometeorology)
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Bulletin No-104
Date-07.07.2020

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AGROMET ADVISORY BULLETIN FORBANKI

District Past week weather condition

The district received 37mm rainfall during the last week. The mean daily maximum and minimum temperature was 36°C and 25°C, respectively. Relative humidity of the district was around 84-81%. According to NDVI map (24.06.2020 to 30.06.2020) the agriculture vigor was less over maximum blocks and very less over some part of Athagad, Banki and Niali, whereas according to SPI value (cumulative 4 weeks-4 June 2020 to 1st July 2020), moderately dry condition was there.

Forecasted period: 08th July 2020 to 12th July 2020

General advisory: Light to moderate rainfall for upcoming 5 days. The day temperature will 34-36°C and night temperature will be 25-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 74-80% and 44-47% respectively. There will be overcast sky for next 5 days. Farmers should prepare raised nursery bed for vegetable seedlings. They should complete the nursery sowing of paddy in this week as sufficient rainfall was realized in the past weeks well as light to moderate rainfall is forecasted in the upcoming 5 days.

Block	Banki (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	08/07/2020	09/07/2020	10/07/2020	11/07/2020	12/07/2020
Rainfall(mm)	3	1	11	7	2
T-Max(°C)	35	36	34	35	34
T-Min(°C)	25	25	25	26	25
Cloud Cover(octa)	7	7	7	8	8
RH Max (%)	79	80	78	74	75
RH Min (%)	47	44	44	45	45
Wind Speed (Kmph)	14	13	16	16	10
Wind Direction (deg)	212	204	204	207	216

Agromet Advisory

DIRECT SEEDED RICE: After recent rain, farmers those who have grown direct seeded paddy, spray weedicide Pyrazosulfuron ethyl@20g a.i. ha-1 in 750 litres after 7 days of germination of paddy. At latter stages, apply Bisparybac 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 Hezxaconazole@1.5ml/l alongwith Plantomycin@1.0 g/l to prevent the spread of the disease.

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

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 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-104
Date-07.07.2020

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AGROMET ADVISORY BULLETIN FOR BANKI-DAMPARA

District Past week weather condition

The district received 37mm rainfall during the last week. The mean daily maximum and minimum temperature was 36°C and 25°C, respectively. Relative humidity of the district was around 84-81%. **According to NDVI map (24.06.2020 to 30.06.2020) the agriculture vigor was lesser over maximum blocks and very less over some part of Athagad, Banki and Niali, whereas according to SPI value (cumulative 4 weeks-4 June 2020 to 1st July 2020), moderately dry condition was there.**

Forecasted period: 08th July 2020 to 12th July 2020

General advisory: Light to moderate rainfall for upcoming 5 days. The day temperature will 34-35°C and night temperature will be 25-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 74-80% and 44-48% respectively. There will be overcast sky for next 5 days. **Farmers should prepare raised nursery bed for vegetable seedlings. They should complete the nursery sowing of paddy in this week as sufficient rainfall was realized in the past weeks well as light to moderate rainfall is forecasted in the upcoming 5 days.**

Block	Banki-Dampara (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)					
	Date	08/07/2020	09/07/2020	10/07/2020	11/07/2020	12/07/2020
Rainfall(mm)		5	3	11	6	3
T-Max(°C)		35	35	34	35	34
T-Min(°C)		25	25	25	26	25
Cloud Cover(octa)		7	7	7	8	8
RH Max (%)		79	80	78	74	75
RH Min (%)		48	44	44	45	46
Wind Speed (Kmph)		14	13	16	16	10
Wind Direction (deg)		207	204	204	207	216

Agromet Advisory

DIRECT SEEDED RICE: After recent rain, farmers those who have grown direct seeded paddy, spray weedicide 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 Chlorantranilprole 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: It is time for sowing of maize for green cob purpose under irrigated condition. Grow high yielding varieties like Navjot, Shakti, Decan-107, Decan-109, Use 6 kg seeds/acre. Apply one third of N and all P & K of the recommended dose of 50:24:24 kg. NPK/acre. Sow the seeds in lines with spacing of 45-60X20 cm at 5 cm soil depth.

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 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)

Debasish Jena
SMS (Agrometeorology)
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Bulletin No-104
Date-07.07.2020

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

District Past week weather condition

The district received 37mm rainfall during the last week. The mean daily maximum and minimum temperature was 36°C and 25°C, respectively. Relative humidity of the district was around 84-81%. **According to NDVI map (24.06.2020 to 30.06.2020) the agriculture vigor was less over maximum blocks and very less over some part of Athagad, Banki and Niali, whereas according to SPI value (cumulative 4 weeks-4 June 2020 to 1st July 2020), moderately dry condition was there.**

Forecasted period: 08th July 2020 to 12th July 2020

General advisory: Light to moderate rainfall for upcoming 5 days. The day temperature will 33-35°C and night temperature will be 26°C for upcoming 5 days. Maximum and minimum relative humidity will be 76-80% and 42-49% respectively. There will be overcast sky for next 5 days. **Farmers should Prepare raised nursery bed for vegetable seedlings. They should complete the nursery sowing of paddy in this week as sufficient rainfall was realized in the past weeks well as light to moderate rainfall is forecasted in the upcoming 5 days.**

Block	Baranga (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	08/07/2020	09/07/2020	10/07/2020	11/07/2020	12/07/2020
Rainfall (mm)	4	3	10	6	3
T-Max (°C)	34	35	33	34	34
T-Min (°C)	26	26	26	26	26
Cloud Cover	7	7	6	8	8
RH Max (%)	80	77	78	76	77
RH Min (%)	49	43	42	44	46
Wind Speed (Kmph)	16	17	20	19	13
Wind Direction (deg)	212	203	203	207	208

Agromet Advisory

DIRECT SEEDED RICE: After recent rain, farmers those who have grown direct seeded paddy, spray weedicide Pyrazosulfuron ethyl@20g a.i. ha-1 in 750 litres after 7 days of germination of paddy. At latter stages, apply Bisparybac 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 Hezxaconazole@1.5ml/l alongwith Plantomycin@1.0 g/l to prevent the spread of the disease.

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

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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Date-07.07.2020

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

District Past week weather condition

The district received 37mm rainfall during the last week. The mean daily maximum and minimum temperature was 36°C and 25°C, respectively. Relative humidity of the district was around 84-81%. **According to NDVI map (24.06.2020 to 30.06.2020) the agriculture vigor was lesser over maximum blocks and very less over some part of Athagad, Banki and Niali, whereas according to SPI value (cumulative 4 weeks-4 June 2020 to 1st July 2020), moderately dry condition was there.**

Forecasted period: 08th July 2020 to 12th July 2020

General advisory: Light to moderate rainfall for upcoming 5 days. The day temperature will 33-34°C and night temperature will be 26-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 75-80% and 43-51% respectively. There will be overcast sky for next 5 days. **Farmers should prepare raised nursery bed for vegetable seedlings. They should complete the nursery sowing of paddy in this week as sufficient rainfall was realized in the past weeks well as light to moderate rainfall is forecasted in the upcoming 5 days.**

Block	Cuttack sadar (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	08/07/2020	09/07/2020	10/07/2020	11/07/2020	12/07/2020
Rainfall(mm)	8	3	7	11	6
T-Max(°C)	33	34	33	34	34
T-Min(°C)	26	26	26	27	26
Cloud Cover(octa)	7	8	6	8	8
RH Max (%)	80	79	78	75	78
RH Min (%)	51	43	43	45	47
Wind Speed (Kmph)	14	15	18	18	12
Wind Direction (deg)	212	203	204	207	208

Agromet Advisory

DIRECT SEEDED RICE: After recent rain, farmers those who have grown direct seeded paddy, spray weedicide 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.

TRANSPLANTED RICE: Since last 3 days, moderate amount of rainfall has been received. So there is optimum moisture in the soil to go for laying out nursery bed for rice. For transplanting in 1 acre area, 10 decimal area of wet nursery bed should be prepared. For nursery bed, 8 quintal FYM, 4kg Urea, 4kg SSP and 2kg MOP should be applied. Seed requirement for 1 acre is 20kg seeds which should be properly treated with either 2g carbendazim or 2g thiram per kg seeds. Soak the seeds in water for 24 hours and then drain out the water and keep the seeds in gunny bag. Once the seeds sprout, use it for transplanting. The nursery beds should be of 1m width, appropriate length and 15cm height and space should be maintained between the nursery beds to ensure irrigation. Put the seedlings in the nursery bed and cover with straw and sprinkle water. Go for the preparation of main field.

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.

Sugarcane: The crop is at tillering (15-16 week) stage. Early shoot borer may attack the young tillers of sugarcane. To control the early shoot borer infestation in sugarcane spray Profenofos 400ml per acre @ 2ml/lit of water. Complete hoeing and weeding and apply 100kg urea with 35kg MOP for one acre crop followed by earthing up and irrigation. Plan for irrigation at 10 days interval between 5-14 week stage of crop observing the soil moisture and forecasted rain. **JUTE:** Recent rain & forecasted rain will aggravate weed problem in early sown crop. To control grass weeds, apply Quizalofop-ethyl@2ml/litre of water at 2-3 leaf stage of weeds. Utilizing recent rain, apply 1/3 rd N (32kg Urea) after 1st weeding and thinning.

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 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)

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-104
Date-07.07.2020

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

District Past week weather condition

The district received 37mm rainfall during the last week. The mean daily maximum and minimum temperature was 36°C and 25°C, respectively. Relative humidity of the district was around 84-81%. **According to NDVI map (24.06.2020 to 30.06.2020) the agriculture vigor was lesser over maximum blocks and very less over some part of Athagad, Banki and Niali, whereas according to SPI value (cumulative 4 weeks-4 June 2020 to 1st July 2020), moderately dry condition was there.**

Forecasted period: 08th July 2020 to 12th July 2020

General advisory: Light to moderate rainfall for upcoming 5 days. The day temperature will 33-35°C and night temperature will be 26°C for upcoming 5 days. Maximum and minimum relative humidity will be 75-79% and 44-49% respectively. There will be overcast sky for next 5 days. **Farmers should prepare raised nursery bed for vegetable seedlings. They should complete the nursery sowing of paddy in this week as sufficient rainfall was realized in the past weeks as well as light to moderate rainfall is forecasted in the upcoming 5 days.**

Block	Kantapada (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	08/07/2020	09/07/2020	10/07/2020	11/07/2020	12/07/2020
Rainfall(mm)	6	3	6	13	7
T-Max(°C)	33	35	33	34	33
T-Min(°C)	26	26	26	26	26
Cloud Cover(octa)	7	7	6	8	8
RH Max (%)	79	76	77	75	76
RH Min (%)	49	44	44	44	46
Wind Speed (Kmph)	18	18	22	22	14
Wind Direction (deg)	204	203	203	204	207

Agromet Advisory

DIRECT SEEDED RICE: After recent rain, farmers those who have grown direct seeded paddy, spray weedicide 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 Hezxaconazole@1.5ml/l alongwith Plantomycin@1.0 g/l to prevent the spread of the disease.

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

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 carbosulphan in 200liter 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)

Debasish Jena
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GRAMIN KRUSHI MAUSAM SEVA
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DISTRICT AGROMET UNIT
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(A Unit of ICAR-National Rice Research Institute)



Bulletin No-104
Date-07.07.2020

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

The district received 37mm rainfall during the last week. The mean daily maximum and minimum temperature was 36°C and 25°C, respectively. Relative humidity of the district was around 84-81%. **According to NDVI map (24.06.2020 to 30.06.2020) the agriculture vigor was lesser over maximum blocks and very less over some part of Athagad, Banki and Niali, whereas according to SPI value (cumulative 4 weeks-4 June 2020 to 1st July 2020), moderately dry condition was there.**

Forecasted period: 08th July 2020 to 12th July 2020

General advisory: Light to moderate rainfall for upcoming 5 days. The day temperature will 33-34°C and night temperature will be 26°C for upcoming 5 days. Maximum and minimum relative humidity will be 77-81% and 44-51% respectively. There will be overcast sky for next 5 days. **Farmers should prepare raised nursery bed for vegetable seedlings. They should complete the nursery sowing of paddy in this week as sufficient rainfall was realized in the past weeks well as light to moderate rainfall is forecasted in the upcoming 5 days.**

Block	Mahanga (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	08/07/2020	09/07/2020	10/07/2020	11/07/2020	12/07/2020
Rainfall(mm)	8	2	8	13	6
T-Max(°C)	33	34	33	34	33
T-Min(°C)	26	26	26	26	26
Cloud Cover(octal)	7	7	6	8	8
RH Max (%)	81	78	78	77	79
RH Min (%)	51	45	44	46	49
Wind Speed (Kmph)	15	18	21	21	14
Wind Direction (deg)	212	203	203	207	212

Agromet Advisory

DIRECT SEEDED RICE: After recent rain, farmers those who have grown direct seeded paddy, spray weedicide 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 Hezxaconazole@1.5ml/l alongwith Plantomycin@1.0 g/l to prevent the spread of the disease.

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

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 carbosulphan in 200liter 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)

Debasish Jena
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GRAMIN KRUSHI MAUSAM SEVA
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KRISHI VIGYAN KENDRA CUTTACK
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Bulletin No-104
Date-07.07.2020

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

District Past week weather condition

The district received 37mm rainfall during the last week. The mean daily maximum and minimum temperature was 36°C and 25°C, respectively. Relative humidity of the district was around 84-81%. **According to NDVI map (24.06.2020 to 30.06.2020) the agriculture vigor was less over maximum blocks and very less over some part of Athagad, Banki and Niali, whereas according to SPI value (cumulative 4 weeks-4 June 2020 to 1st July 2020), moderately dry condition was there.**

Forecasted period: 08th July 2020 to 12th July 2020

General advisory: Light to moderate rainfall for upcoming 5 days. The day temperature will 33-35°C and night temperature will be 24-25°C for upcoming 5 days. Maximum and minimum relative humidity will be 72-80% and 42-47% respectively. There will be overcast sky for next 5 days. **Farmers should Prepare raised nursery bed for vegetable seedlings. They should complete the nursery sowing of paddy in this week as sufficient rainfall was realized in the past weeks as well as light to moderate rainfall is forecasted in the upcoming 5 days.**

Block	Narasinghpur (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	08/07/2020	09/07/2020	10/07/2020	11/07/2020	12/07/2020
Rainfall(mm)	3	4	13	6	2
T-Max(°C)	35	35	33	35	34
T-Min(°C)	25	24	24	25	25
Cloud Cover(/octa)	7	7	7	8	8
RH Max (%)	79	80	78	73	72
RH Min (%)	47	46	47	43	42
Wind Speed (Kmph)	9	8	9	9	6
Wind Direction (deg)	214	203	206	208	270

Agromet Advisory

DIRECT SEEDED RICE: After recent rain, farmers those who have grown direct seeded paddy, spray weedicide Pyrazosulfuron ethyl@20g a.i. ha-1 in 750 litres after 7 days of germination of paddy. At latter stages, apply Bisparybac 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 Hezxaconazole@1.5ml/l alongwith Plantomycin@1.0 g/l to prevent the spread of the disease.

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

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)

Debasish Jena
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Bulletin No-104
Date-07.07.2020

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AGROMET ADVISORY BULLETIN FOR NIALI

District Past week weather condition

The district received 37mm rainfall during the last week. The mean daily maximum and minimum temperature was 36°C and 25°C, respectively. Relative humidity of the district was around 84-81%. **According to NDVI map (24.06.2020 to 30.06.2020) the agriculture vigor was less over maximum blocks and very less over some part of Athagad, Banki and Niali, whereas according to SPI value (cumulative 4 weeks-4 June 2020 to 1st July 2020), moderately dry condition was there.**

Forecasted period: 08th July 2020 to 12th July 2020

General advisory: Light to moderate rainfall for upcoming 5 days. The day temperature will 33-35°C and night temperature will be 26-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 75-79% and 45-49% respectively. There will be overcast sky for next 5 days. **Farmers should prepare raised nursery bed for vegetable seedlings. They should complete the nursery sowing of paddy in this week as sufficient rainfall was realized in the past weeks as well as light to moderate rainfall is forecasted in the upcoming 5 days.**

Block	Niali (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	08/07/2020	09/07/2020	10/07/2020	11/07/2020	12/07/2020
Rainfall(mm)	6	3	7	12	4
T-Max(°C)	33	35	33	34	33
T-Min(°C)	26	26	26	27	26
Cloud Cover(octa)	7	7	6	8	8
RH Max (%)	79	77	76	75	75
RH Min (%)	49	45	47	45	47
Wind Speed(Kmph)	20	20	23	24	17
Wind Direction(deg)	204	203	203	204	207

Agromet Advisory

DIRECT SEEDED RICE: After recent rain, farmers those who have grown direct seeded paddy, spray weedicide 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-decimil 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.

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

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 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-104
Date-07.07.2020

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AGROMET ADVISORY BULLETIN FOR NISCHINTAKOILI

District Past week weather condition

The district received 37mm rainfall during the last week. The mean daily maximum and minimum temperature was 36°C and 25°C, respectively. Relative humidity of the district was around 84-81%. **According to NDVI map (24.06.2020 to 30.06.2020) the agriculture vigor was less over maximum blocks and very less over some part of Athagad, Banki and Niali, whereas according to SPI value (cumulative 4 weeks-4 June 2020 to 1st July 2020), moderately dry condition was there.**

Forecasted period: 08th July 2020 to 12th July 2020

General advisory: Light to moderate rainfall for upcoming 5 days. The day temperature will 33-34°C and night temperature will be 26°C for upcoming 5 days. Maximum and minimum relative humidity will be 78-82% and 45-51% respectively. There will be overcast sky for next 5 days. **Farmers should prepare raised nursery bed for vegetable seedlings. They should complete the nursery sowing of paddy in this week as sufficient rainfall was realized in the past weeks well as light to moderate rainfall is forecasted in the upcoming 5 days.**

Block	Nischintakoili (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	08/07/2020	09/07/2020	10/07/2020	11/07/2020	12/07/2020
Rainfall(mm)	8	3	6	10	6
T-Max(°C)	33	34	33	34	33
T-Min(°C)	26	26	26	26	26
Cloud Cover(octa)	7	7	6	8	8
RH Max (%)	82	78	78	78	79
RH Min (%)	51	45	45	46	49
Wind Speed (Kmph)	15	18	21	21	14
Wind Direction (deg)	212	203	203	207	207

Agromet Advisory

DIRECT SEEDED RICE: After recent rain, farmers those who have grown direct seeded paddy, spray weedicide 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-decimil 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 Hezxaconazole@1.5ml/l alongwith Plantomycin@1.0 g/l to prevent the spread of the disease.

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

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 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)

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



Bulletin No-104
Date-07.07.2020

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AGROMET ADVISORY BULLETIN FOR SALEPUR

District Past week weather condition

The district received 37mm rainfall during the last week. The mean daily maximum and minimum temperature was 36°C and 25°C, respectively. Relative humidity of the district was around 84-81%. **According to NDVI map (24.06.2020 to 30.06.2020) the agriculture vigor was less over maximum blocks and very less over some part of Athagad, Banki and Niali, whereas according to SPI value (cumulative 4 weeks-4 June 2020 to 1st July 2020), moderately dry condition was there.**

Forecasted period: 08th July 2020 to 12th July 2020

General advisory: Light to moderate rainfall for upcoming 5 days. The day temperature will 33-34°C and night temperature will be 26°C for upcoming 5 days. Maximum and minimum relative humidity will be 78-82% and 44-51% respectively. There will be overcast sky for next 5 days. **Farmers should prepare raised nursery bed for vegetable seedlings. They should complete the nursery sowing of paddy in this week as sufficient rainfall was realized in the past weeks well as light to moderate rainfall is forecasted in the upcoming 5 days.**

Block	Salepur (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	08/07/2020	09/07/2020	10/07/2020	11/07/2020	12/07/2020
Rainfall(mm)	7	3	6	11	6
T-Max(°C)	33	34	33	34	33
T-Min(°C)	26	26	26	26	26
Cloud Cover(octa)	7	7	6	8	8
RH Max (%)	82	78	78	78	79
RH Min (%)	51	44	44	46	49
Wind Speed (Kmph)	15	17	21	20	14
Wind Direction (deg)	212	203	203	207	207

Agromet Advisory

DIRECT SEEDED RICE: After recent rain, farmers those who have grown direct seeded paddy, spray weedicide 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-decimil 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 Hezxaconazole@1.5ml/l alongwith Plantomycin@1.0 g/l to prevent the spread of the disease.

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

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 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-104
Date-07.07.2020

AGROMET ADVISORY BULLETIN FOR TANGI-CHOUDWAR

The district received 37mm rainfall during the last week. The mean daily maximum and minimum temperature was 36°C and 25°C, respectively. Relative humidity of the district was around 84-81%. According to NDVI map (24.06.2020 to 30.06.2020) the agriculture vigor was lesser over maximum blocks and very less over some part of Athagad, Banki and Niali, whereas according to SPI value (cumulative 4 weeks-4 June 2020 to 1st July 2020), moderately dry condition was there.

Forecasted period: 08th July 2020 to 12th July 2020

General advisory: Light to moderate rainfall for upcoming 5 days. The day temperature will 34-36°C and night temperature will be 29-30°C for upcoming 5 days. Maximum and minimum relative humidity will be 78-82% and 53-59% respectively. There will be overcast sky for next 5 days. Farmers should prepare raised nursery bed for vegetable seedlings. They should complete the nursery sowing of paddy in this week as sufficient rainfall was realized in the past weeks well as light to moderate rainfall is forecasted in the upcoming 5 days.

Block	Tangi-Choudwar (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	08/07/2020	09/07/2020	10/07/2020	11/07/2020	12/07/2020
Rainfall(mm)	7	4	7	11	3
T-Max(°C)	35	36	34	35	35
T-Min(°C)	29	30	30	30	30
Cloud Cover(octa)	7	6	6	8	8
RH Max (%)	82	79	79	81	78
RH Min (%)	56	53	59	55	57
Wind Speed (Kmph)	21	22	27	28	21
Wind Direction (deg)	203	203	203	203	204

Agromet Advisory

DIRECT SEEDED RICE: After recent rain, farmers those who have grown direct seeded paddy, spray weedicide 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: It is time for sowing of maize for green cob purpose under irrigated condition. Grow high yielding varieties like Navjot, Shakti, Decan-107, Decan-109. Use 6 kg seeds/acre. Apply one third of N and all P & K of the recommended dose of 50:24:24 kg. NPK/acre. Sow the seeds in lines with spacing of 45-60X20 cm at 5 cm soil depth.

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%+streptomycin@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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(Nodal officer)

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Bulletin No-104
Date-07.07.2020

AGROMET ADVISORY BULLETIN FOR TIGIRIA

District Past week weather condition

The district received 37mm rainfall during the last week. The mean daily maximum and minimum temperature was 36°C and 25°C, respectively. Relative humidity of the district was around 84-81%. **According to NDVI map (24.06.2020 to 30.06.2020) the agriculture vigor was lesser over maximum blocks and very less over some part of Athagad, Banki and Niali, whereas according to SPI value (cumulative 4 weeks-4 June 2020 to 1st July 2020), moderately dry condition was there.**

Forecasted period: 08th July 2020 to 12th July 2020

General advisory: Light to moderate rainfall for upcoming 5 days. The day temperature will 34-35°C and night temperature will be 25-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 75-81% and 45-51% respectively. There will be overcast sky for next 5 days. **Farmers should prepare raised nursery bed for vegetable seedlings. They should complete the nursery sowing of paddy in this week as sufficient rainfall was realized in the past weeks as well as light to moderate rainfall is forecasted in the upcoming 5 days.**

Block	Tigiria (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	08/07/2020	09/07/2020	10/07/2020	11/07/2020	12/07/2020
Rainfall(mm)	8	2	10	5	3
T-Max(°C)	35	35	34	35	34
T-Min(°C)	25	25	25	26	25
Cloud Cover(octa)	7	8	7	8	8
RH Max (%)	80	81	80	75	77
RH Min (%)	51	46	45	46	45
Wind Speed (Kmph)	12	12	14	13	9
Wind Direction (deg)	212	204	204	205	210

Agromet Advisory

DIRECT SEEDED RICE: After recent rain, farmers those who have grown direct seeded paddy, spray weedicide 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.

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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%+streptomycin@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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