



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



Bulletin No-107

Date-17.07.2020

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AGROMET ADVISORY BULLETIN FOR ATHAGAD

District Past week weather condition and Block past Rainfall condition

The block received 01 mm and district received 28 mm rainfall during the last week. The mean daily maximum and minimum temperature was 33°C and 25°C, respectively. Relative humidity of the district was around 87-80%. According to NDVI map (08.07.2020 to 14.07.2020) the agriculture vigor was less to very less over maximum blocks whereas according to SPI value (cumulative - 1 July 2020 to 15 July 2020), severely dry condition was there.

Forecasted period: 18th July 2020 to 22nd July 2020

General advisory: Very light to light rainfall is forecasted for Today to Sunday after that moderate rainfall is forecasted for next 2 days for the block. The day temperature will 31-33°C and night temperature will be 24-25°C for upcoming 5 days. Maximum and minimum relative humidity will be 82-87% and 50-57% respectively. There will partly cloudy to overcast sky for next 5 days. There will be below normal rainfall in the upcoming week (22-28 July) in Odisha condition.

Block	Athagad (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	18/07/2020	19/07/2020	20/07/2020	21/07/2020	22/07/2020
Rainfall (mm)	4	8	7	13	20
T-Max (°C)	33	33	32	33	31
T-Min (°C)	25	25	25	25	24
Cloud Cover (octa)	7	8	8	8	8
RH Max (%)	84	82	85	85	87
RH Min (%)	51	50	57	55	57
Wind Speed (kmph)	12	16	17	17	11
Wind Direction (deg)	198	201	203	204	212

Agromet Advisory

General: Farmers may go for transplanting of paddy with assured irrigation facility as very less rainfall is realized in the past week and also light to moderate rainfall is forecasted for the block in upcoming 5 days. Farmers are advised to do proper arrangement for storing rain water at one portion in the field as there will be below normal rainfall in the upcoming week (22-28 July) in Odisha condition. This water can be used for irrigation in the crops during dry spell. Go for sowing of non-paddy crops like Ragi, Maize, Arhar, Green gram, Black gram, Cowpea, Sesame etc. Go for sowing of fodder crops like maize, sorghum, cowpea etc. Use seed rate of 20, 14 and 14 kg/acre for maize, sorghum and cowpea, respectively. Before sowing of any crop, farmers are advised for application of well decomposed FYM or compost, it increases the water use efficiency as well as nutrient quantity in the soil. Farmers are also advised to increase the use of potash; it helps in minimizing the losses due to the moisture stress during dry spell. Keep the cattle shed clean in rainy season. Use lime and bleaching powder for cleaning.

Kharif Rice: Utilizing recent rain wet nursery sowing should be continued in the block. In rain deficient blocks, nursery should be grown with assured irrigation facility. 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. Granular insecticide like Cartap hydrochloride (4G) may be applied @ 1000 grams/10 decimal nursery area or Carbofuran 1200 gram or Fipronil@800gram, seven days before uprooting of seedlings. Otherwise seedling root dip with 10% Chloropyrifos solution is to be done before transplanting to check insect attack. 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.

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-duration Prabhat, Upas-120, ICPL-86012, Medium duration- Asha, Visakha, Use 8-10 kg/acre. Before sowing seeds are to be treated with 2 g Bavistin/kg seeds. Treat the seeds with the Rhizobium culture @ 200 g culture/8-10 kg. Apply 8:16 kg NP/acre during final land preparation under rainfed condition and apply 50% more to irrigated crop. Sow the seeds in line 45-60 cm apart depending upon the duration with 15 –20 cm plant to plant distance.

VEGETABLES:

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

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

Dr. Dilip Ranjan Sarangi
(Nodal officer)



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Bulletin No-107
Date-17.07.2020

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AGROMET ADVISORY BULLETIN FOR BADAMBA

District Past week weather condition

The district received 28 mm rainfall during the last week. The mean daily maximum and minimum temperature was 33°C and 25°C, respectively. Relative humidity of the district was around 87-80%. **According to NDVI map (08.07.2020 to 14.07.2020) the agriculture vigor was less to very less over maximum blocks whereas according to SPI value (cumulative - 1 July 2020 to 15 July 2020), severely dry condition was there.**

Forecasted period: 18th July 2020 to 22nd July 2020

General advisory: **Very light to light rainfall is forecasted for Today to Sunday after that moderate rainfall is forecasted for next 2 days for the block.** The day temperature will 32-34°C and night temperature will be 23-24°C for upcoming 5 days. Maximum and minimum relative humidity will be 82-85% and 49-57% respectively. There will be partly cloudy to overcast sky for next 5 days. **There will be below normal rainfall in the upcoming week (22-28 July) in Odisha condition.**

Block	Badamba(VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	18/07/2020	19/07/2020	20/07/2020	21/07/2020	22/07/2020
Rainfall(mm)	4	5	8	9	17
T-Max(°C)	34	34	32	33	32
T-Min(°C)	24	24	24	24	23
Cloud Cover(octa)	6	8	8	8	8
RH Max (%)	83	82	85	82	85
RH Min (%)	51	49	57	50	51
Wind Speed (Kmph)	10	13	14	14	10
Wind Direction (deg)	203	201	203	207	214

Agromet Advisory

General: Farmers may go for transplanting of paddy with assured irrigation facility as very less rainfall is realized in the past week and also light to moderate rainfall is forecasted for the block in upcoming 5 days. Farmers are advised to do proper arrangement for storing rain water at one portion in the field as there will be below normal rainfall in the upcoming week (22-28 July) in Odisha condition. This water can be used for irrigation in the crops during dry spell. Go for sowing of non-paddy crops like Ragi, Maize, Arhar, Green gram, Black gram, Cowpea, Sesame etc. Go for sowing of fodder crops like maize, sorghum, cowpea etc. Use seed rate of 20, 14 and 14 kg/acre for maize, sorghum and cowpea, respectively. Before sowing of any crop, farmers are advised for application of well decomposed FYM or compost, it increases the water use efficiency as well as nutrient quantity in the soil. Farmers are also advised to increase the use of potash; it helps in minimizing the losses due to the moisture stress during dry spell. Keep the cattle shed clean in rainy season. Use lime and bleaching powder for cleaning.

Kharif Rice: Utilizing recent rain wet nursery sowing should be continued in the block. In rain deficient blocks, nursery should be grown with assured irrigation facility. 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. Granular insecticide like Cartap hydrochloride (4G) may be applied @ 1000 grams/10 decimal nursery area or Carbofuran 1200 gram or Fipronil@800gram, seven days before uprooting of seedlings. Otherwise seedling root dip with 10% Chloropyrifos solution is to be done before transplanting to check insect attack. 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.

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-duration Prabhat, Upas-120, ICPL-86012, Medium duration- Asha, Visakha, Use 8-10 kg/acre. Before sowing seeds are to be treated with 2 g Bavistin/kg seeds. Treat the seeds with the Rhizobium culture @ 200 g culture/8-10 kg. Apply 8:16 kg NP/acre during final land preparation under rainfed condition and apply 50% more to irrigated crop. Sow the seeds in line 45-60 cm apart depending upon the duration with 15 –20 cm plant to plant distance.

VEGETABLES:

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

ANIMAL HUSBANDRY: Plant rooted slips of Hybrid Napier variety NB21, IGFR17, CO3 & CO4 for perennial fodder supplement. 2. In case of sudden change in weather condition poultry birds may be supplemented with multivitamin through drinking water for optimizing their production.

Dr. Dilip Ranjan Sarangi
(Nodal officer)



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Date-17.07.2020

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AGROMET ADVISORY BULLETIN FOR BANKI

District Past week weather condition and Block past Rainfall condition

The block received 08 mm and district received 28 mm rainfall during the last week. The mean daily maximum and minimum temperature was 33°C and 25°C, respectively. Relative humidity of the district was around 87-80%. According to NDVI map (08.07.2020 to 14.07.2020) the agriculture vigor was less to very less over maximum blocks whereas according to SPI value (cumulative - 1 July 2020 to 15 July 2020), severely dry condition was there.

Forecasted period: 18th July 2020 to 22nd July 2020

General advisory: Very light to light rainfall is forecasted for Today to Sunday after that moderate rainfall is forecasted for next 2 days for the block. The day temperature will be 32-34°C and night temperature will be 23-24°C for upcoming 5 days. Maximum and minimum relative humidity will be 80-85% and 47-57% respectively. There will be partly cloudy to overcast sky for next 5 days. There will be below normal rainfall in the upcoming week (22-28 July) in Odisha condition.

Block	Banki (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	18/07/2020	19/07/2020	20/07/2020	21/07/2020	22/07/2020
Rainfall(mm)	3	6	8	12	15
T-Max(°C)	33	34	32	33	32
T-Min(°C)	24	24	24	24	23
Cloud Cover(octa)	6	8	8	8	8
RH Max (%)	82	80	83	84	85
RH Min (%)	50	47	57	53	51
Wind Speed (Kmph)	13	16	17	17	12
Wind Direction (deg)	201	201	203	204	212

Agromet Advisory

General: Farmers may go for transplanting of paddy with assured irrigation facility as very less rainfall is realized in the past week and also light to moderate rainfall is forecasted for the block in upcoming 5 days. Farmers are advised to do proper arrangement for storing rain water at one portion in the field as there will be below normal rainfall in the upcoming week (22-28 July) in Odisha condition. This water can be used for irrigation in the crops during dry spell. Go for sowing of non-paddy crops like Ragi, Maize, Arhar, Green gram, Black gram, Cowpea, Sesame etc. Go for sowing of fodder crops like maize, sorghum, cowpea etc. Use seed rate of 20, 14 and 14 kg/acre for maize, sorghum and cowpea, respectively. Before sowing of any crop, farmers are advised for application of well decomposed FYM or compost, it increases the water use efficiency as well as nutrient quantity in the soil. Farmers are also advised to increase the use of potash; it helps in minimizing the losses due to the moisture stress during dry spell. Keep the cattle shed clean in rainy season. Use lime and bleaching powder for cleaning.

Kharif Rice: Utilizing recent rain wet nursery sowing should be continued in the block. In rain deficient blocks, nursery should be grown with assured irrigation facility. 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. Granular insecticide like Cartap hydrochloride (4G) may be applied @ 1000 grams/10 decimal nursery area or Carbofuran 1200 gram or Fipronil@800gram, seven days before uprooting of seedlings. Otherwise seedling root dip with 10% Chloropyrifos solution is to be done before transplanting to check insect attack. 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.

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

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

VEGETABLES:

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

ANIMAL HUSBANDRY: Plant rooted slips of Hybrid Napier variety NB21, IGFRI7, CO3 & CO4 for perennial fodder supplement. 2. In case of sudden change in weather condition poultry birds may be supplemented with multivitamin through drinking water for optimizing their production.

Dr. Dilip Ranjan Sarangi
(Nodal officer)



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Date-17.07.2020

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AGROMET ADVISORY BULLETIN FOR BANKI- DAMPARA

District Past week weather condition

The district received 38 mm rainfall during the last week. The mean daily maximum and minimum temperature was 33°C and 25°C, respectively. Relative humidity of the district was around 87-80%. **According to NDVI map (08.07.2020 to 14.07.2020) the agriculture vigor was less to very less over maximum blocks whereas according to SPI value (cumulative - 1 July 2020 to 15 July 2020), severely dry condition was there.**

Forecasted period: 18th July 2020 to 22nd July 2020

General advisory; Very light to light rainfall is forecasted for Today to Sunday after that moderate rainfall is forecasted for next 2 days for the block. The day temperature will be 32-33°C and night temperature will be 23-24°C for upcoming 5 days. Maximum and minimum relative humidity will be 80-85% and 48-57% respectively. There will be partly cloudy to overcast sky for next 5 days. **There will be below normal rainfall in the upcoming week (22-28 July) in Odisha condition.**

Block	Banki-Dampara (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	18/07/2020	19/07/2020	20/07/2020	21/07/2020	22/07/2020
Rainfall(mm)	4	7	9	16	19
T-Max(°C)	33	33	32	33	32
T-Min(°C)	24	24	24	24	23
Cloud Cover(octa)	6	8	8	8	8
RH Max (%)	82	80	84	85	85
RH Min (%)	50	48	57	54	53
Wind Speed (Kmph)	13	16	17	17	12
Wind Direction (deg)	201	201	203	204	212

Agromet Advisory

General: Farmers may go for transplanting of paddy with assured irrigation facility as very less rainfall is realized in the past week and also light to moderate rainfall is forecasted for the block in upcoming 5 days. Farmers are advised to do proper arrangement for storing rain water at one portion in the field as there will be below normal rainfall in the upcoming week (22-28 July) in Odisha condition. This water can be used for irrigation in the crops during dry spell. Go for sowing of non-paddy crops like Ragi, Maize, Arhar, Green gram, Black gram, Cowpea, Sesame etc. Go for sowing of fodder crops like maize, sorghum, cowpea etc. Use seed rate of 20, 14 and 14 kg/acre for maize, sorghum and cowpea, respectively. Before sowing of any crop, farmers are advised for application of well decomposed FYM or compost, it increases the water use efficiency as well as nutrient quantity in the soil. Farmers are also advised to increase the use of potash; it helps in minimizing the losses due to the moisture stress during dry spell. Keep the cattle shed clean in rainy season. Use lime and bleaching powder for cleaning.

Kharif Rice: Utilizing recent rain wet nursery sowing should be continued in the block. In rain deficient blocks, nursery should be grown with assured irrigation facility. 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. Granular insecticide like Cartap hydrochloride (4G) may be applied @ 1000 grams/10 decimal nursery area or Carbofuran 1200 gram or Fipronil@800gram, seven days before uprooting of seedlings. Otherwise seedling root dip with 10% Chloropyrifos solution is to be done before transplanting to check insect attack. 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.

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

VEGETABLES:

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

ANIMAL HUSBANDRY: Plant rooted slips of Hybrid Napier variety NB21, IGFR17, CO3 & CO4 for perennial fodder supplement. 2. In case of sudden change in weather condition poultry birds may be supplemented with multivitamin through drinking water for optimizing their production.

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AGROMET ADVISORY BULLETIN FOR BARANGA

District Past week weather condition and Block past Rainfall condition

The block received 07 mm and district received 28 mm rainfall during the last week. The mean daily maximum and minimum temperature was 33°C and 25°C, respectively. Relative humidity of the district was around 87-80%. **According to NDVI map (08.07.2020 to 14.07.2020) the agriculture vigor was less to very less over maximum blocks whereas according to SPI value (cumulative - 1 July 2020 to 15 July 2020), severely dry condition was there.**

Forecasted period: 18th July 2020 to 22nd July 2020

General advisory: **Very light to light rainfall is forecasted for Today to Sunday after that moderate rainfall is forecasted for next 2 days for the block.** The day temperature will be 31-33°C and night temperature will be 24-25°C for upcoming 5 days. Maximum and minimum relative humidity will be 79-84% and 48-56% respectively. There will be partly cloudy to overcast sky for next 5 days. **There will be below normal rainfall in the upcoming week (22-28 July) in Odisha condition.**

Block	Baranga (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	18/07/2020	19/07/2020	20/07/2020	21/07/2020	22/07/2020
Rainfall(mm)	1	5	8	14	15
T-Max(°C)	33	32	31	32	31
T-Min(°C)	25	25	25	25	24
Cloud Cover	6	8	8	8	8
RH Max (%)	80	79	82	81	84
RH Min (%)	50	48	56	54	55
Wind Speed (Kmph)	17	19	22	22	17
Wind Direction (deg)	201	201	203	203	212

Agromet Advisory

General: Farmers may go for transplanting of paddy with assured irrigation facility as very less rainfall is realized in the past week and also light to moderate rainfall is forecasted for the block in upcoming 5 days. Farmers are advised to do proper arrangement for storing rain water at one portion in the field as there will be below normal rainfall in the upcoming week (22-28 July) in Odisha condition. This water can be used for irrigation in the crops during dry spell. Go for sowing of non-paddy crops like Ragi, Maize, Arhar, Green gram, Black gram, Cowpea, Sesame etc. Go for sowing of fodder crops like maize, sorghum, cowpea etc. Use seed rate of 20, 14 and 14 kg/acre for maize, sorghum and cowpea, respectively. Before sowing of any crop, farmers are advised for application of well decomposed FYM or compost, it increases the water use efficiency as well as nutrient quantity in the soil. Farmers are also advised to increase the use of potash; it helps in minimizing the losses due to the moisture stress during dry spell. Keep the cattle shed clean in rainy season. Use lime and bleaching powder for cleaning.

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

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

VEGETABLES:

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

ANIMAL HUSBANDRY: Plant rooted slips of Hybrid Napier variety NB21, IGFR17, CO3 & CO4 for perennial fodder supplement. 2. In case of sudden change in weather condition poultry birds may be supplemented with multivitamin through drinking water for optimizing their production.

Dr. Dilip Ranjan Sarangi
(Nodal officer)



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Bulletin No-107
Date-17.07.2020

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AGROMET ADVISORY BULLETIN FOR CUTTACK SADAR

District Past week weather condition and Block past Rainfall condition

The block received 30 mm and district received 28 mm rainfall during the last week. The mean daily maximum and minimum temperature was 33°C and 25°C, respectively. Relative humidity of the district was around 87-80%. **According to NDVI map (08.07.2020 to 14.07.2020) the agriculture vigor was less to very less over maximum blocks whereas according to SPI value (cumulative - 1 July 2020 to 15 July 2020), severely dry condition was there.**

Forecasted period: 18th July 2020 to 22nd July 2020

General advisory; Very light to light rainfall is forecasted for Today to Sunday after that moderate rainfall is forecasted for next 2 days for the block. The day temperature will be 31-33°C and night temperature will be 24-25°C for upcoming 5 days. Maximum and minimum relative humidity will be 80-85% and 49-55% respectively. There will be partly cloudy to overcast sky for next 5 days. **There will be below normal rainfall in the upcoming week (22-28 July) in Odisha condition.**

Block	Cuttack sadar(VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	18/07/2020	19/07/2020	20/07/2020	21/07/2020	22/07/2020
Rainfall(mm)	2	4	9	14	13
T-Max(°C)	33	32	31	33	31
T-Min(°C)	25	25	25	25	24
Cloud Cover(octa)	6	8	8	8	8
RH Max (%)	82	80	82	81	85
RH Min (%)	49	49	55	54	55
Wind Speed (Kmph)	16	18	21	21	14
Wind Direction (deg)	198	201	203	204	225

Agromet Advisory

General: Farmers may go for transplanting of paddy as moderate rainfall is realized in the past week and also light to moderate rainfall is forecasted for the block in upcoming 5 days. Farmers are advised to do proper arrangement for storing rain water at one portion in the field as there will be below normal rainfall in the upcoming week (22-28 July) in Odisha condition. This water can be used for irrigation in the crops during dry spell. Go for sowing of non-paddy crops like Ragi, Maize, Arhar, Green gram, Black gram, Cowpea, Sesame etc. Go for sowing of fodder crops like maize, sorghum, cowpea etc. Use seed rate of 20, 14 and 14 kg/acre for maize, sorghum and cowpea, respectively. Before sowing of any crop, farmers are advised for application of well decomposed FYM or compost, it increases the water use efficiency as well as nutrient quantity in the soil. Farmers are also advised to increase the use of potash; it helps in minimizing the losses due to the moisture stress during dry spell. Keep the cattle shed clean in rainy season. Use lime and bleaching powder for cleaning.

Kharif Rice: Utilizing recent rain wet nursery sowing should be continued in the block. In rain deficient blocks, nursery should be grown with assured irrigation facility. 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. Granular insecticide like Cartap hydrochloride (4G) may be applied @ 1000 grams/10 decimal nursery area or Carbofuran 1200 gram or Fipronil@800gram, seven days before uprooting of seedlings. Otherwise seedling root dip with 10% Chloropyrifos solution is to be done before transplanting to check insect attack. 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.

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

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

VEGETABLES:

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

ANIMAL HUSBANDRY: Plant rooted slips of Hybrid Napier variety NB21, IGFR17, CO3& CO4 for perennial fodder supplement.2. In case of sudden change in weather condition poultry birds may be supplemented with multivitamin through drinking water for optimizing their production.

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Date-17.07.2020

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AGROMET ADVISORY BULLETIN FOR KANTAPADA

District Past week weather condition and Block past Rainfall condition

The block received 85 mm and district received 28 mm rainfall during the last week. The mean daily maximum and minimum temperature was 33°C and 25°C, respectively. Relative humidity of the district was around 87-80%. **According to NDVI map (08.07.2020 to 14.07.2020) the agriculture vigor was less to very less over maximum blocks whereas according to SPI value (cumulative - 1 July 2020 to 15 July 2020), severely dry condition was there.**

Forecasted period: 18th July 2020 to 22nd July 2020

General advisory: **Very light to light rainfall is forecasted for Today and tomorrow after that moderate rainfall is forecasted for next 3 days for the block.** The day temperature will be 30-32°C and night temperature will be 24-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 79-82% and 50-58% respectively. There will be partly cloudy to overcast sky for next 5 days. **There will be below normal rainfall in the upcoming week (22-28 July) in Odisha condition.**

Block	Kantapada (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	18/07/2020	19/07/2020	20/07/2020	21/07/2020	22/07/2020
Rainfall(mm)	3	7	10	18	16
T-Max(°C)	32	32	30	32	31
T-Min(°C)	26	26	26	25	24
Cloud Cover(octa)	6	8	8	8	8
RH Max (%)	79	79	79	79	82
RH Min (%)	51	50	58	54	55
Wind Speed (Kmph)	18	20	23	25	20
Wind Direction (deg)	201	203	203	203	225

Agromet Advisory

General: Farmers may go for transplanting of paddy as good rainfall is realized in the past week and also light to moderate rainfall is forecasted for the block in upcoming 5 days. Farmers are advised to do proper arrangement for storing rain water at one portion in the field as there will be below normal rainfall in the upcoming week (22-28 July) in Odisha condition. This water can be used for irrigation in the crops during dry spell. Go for sowing of non-paddy crops like Ragi, Maize, Arhar, Green gram, Black gram, Cowpea, Sesame etc. Go for sowing of fodder crops like maize, sorghum, cowpea etc. Use seed rate of 20, 14 and 14 kg/acre for maize, sorghum and cowpea, respectively. Before sowing of any crop, farmers are advised for application of well decomposed FYM or compost, it increases the water use efficiency as well as nutrient quantity in the soil. Farmers are also advised to increase the use of potash; it helps in minimizing the losses due to the moisture stress during dry spell. Keep the cattle shed clean in rainy season. Use lime and bleaching powder for cleaning.

Kharif Rice: Utilizing recent rain wet nursery sowing should be continued in the block. In rain deficient blocks, nursery should be grown with assured irrigation facility. 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. Granular insecticide like Cartap hydrochloride (4G) may be applied @ 1000 grams/10 decimal nursery area or Carbofuran 1200 gram or Fipronil@800gram, seven days before uprooting of seedlings. Otherwise seedling root dip with 10% Chloropyrifos solution is to be done before transplanting to check insect attack. 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.

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

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

VEGETABLES:

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

ANIMAL HUSBANDRY: Plant rooted slips of Hybrid Napier variety NB21, IGFR17, CO3 & CO4 for perennial fodder supplement. 2. In case of sudden change in weather condition poultry birds may be supplemented with multivitamin through drinking water for optimizing their production.

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Date-17.07.2020

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AGROMET ADVISORY BULLETIN FOR MAHANGA

District Past week weather condition and Block past Rainfall condition

The block received 21 mm and district received 28 mm rainfall during the last week. The mean daily maximum and minimum temperature was 33°C and 25°C, respectively. Relative humidity of the district was around 87-80%. **According to NDVI map (08.07.2020 to 14.07.2020) the agriculture vigor was less to very less over maximum blocks whereas according to SPI value (cumulative - 1 July 2020 to 15 July 2020), severely dry condition was there.**

Forecasted period: 18th July 2020 to 22nd July 2020

General advisory; Very light to light rainfall is forecasted for Today to Sunday after that moderate rainfall is forecasted for next 2 days for the block. The day temperature will be 31-33°C and night temperature will be 24-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 77-84% and 50-56% respectively. There will be partly cloudy to overcast sky for next 5 days. **There will be below normal rainfall in the upcoming week (22-28 July) in Odisha condition.**

Block	Mahanga (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	18/07/2020	19/07/2020	20/07/2020	21/07/2020	22/07/2020
Rainfall(mm)	4	5	8	10	17
T-Max(°C)	33	32	31	33	32
T-Min(°C)	26	26	26	26	24
Cloud Cover(octal)	6	8	8	8	8
RH Max (%)	82	81	81	77	84
RH Min (%)	52	50	56	52	55
Wind Speed (Kmph)	18	19	23	24	17
Wind Direction (deg)	198	203	203	204	238

Agromet Advisory

General: Farmers may go for transplanting of paddy with assured irrigation facility as light rainfall is realized in the past week and also light to moderate rainfall is forecasted for the block in upcoming 5 days. Farmers are advised to do proper arrangement for storing rain water at one portion in the field as there will be below normal rainfall in the upcoming week (22-28 July) in Odisha condition. This water can be used for irrigation in the crops during dry spell. Go for sowing of non-paddy crops like Ragi, Maize, Arhar, Green gram, Black gram, Cowpea, Sesame etc. Go for sowing of fodder crops like maize, sorghum, cowpea etc. Use seed rate of 20, 14 and 14 kg/acre for maize, sorghum and cowpea, respectively. Before sowing of any crop, farmers are advised for application of well decomposed FYM or compost, it increases the water use efficiency as well as nutrient quantity in the soil. Farmers are also advised to increase the use of potash; it helps in minimizing the losses due to the moisture stress during dry spell. Keep the cattle shed clean in rainy season. Use lime and bleaching powder for cleaning.

Kharif Rice: Utilizing recent rain wet nursery sowing should be continued in the block. In rain deficient blocks, nursery should be grown with assured irrigation facility. 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. Granular insecticide like Cartap hydrochloride (4G) may be applied @ 1000 grams/10 decimal nursery area or Carbofuran 1200 gram or Fipronil@800gram, seven days before uprooting of seedlings. Otherwise seedling root dip with 10% Chloropyrifos solution is to be done before transplanting to check insect attack. 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.

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

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

VEGETABLES:

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

ANIMAL HUSBANDRY: Plant rooted slips of Hybrid Napier variety NB21, IGFR17, CO3 & CO4 for perennial fodder supplement. 2. In case of sudden change in weather condition poultry birds may be supplemented with multivitamin through drinking water for optimizing their production.

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Bulletin No-107

Date-17.07.2020

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AGROMET ADVISORY BULLETIN FOR NARASINGHPUR

District Past week weather condition and Block past Rainfall condition

The block received 66 mm and district received 28 mm rainfall during the last week. The mean daily maximum and minimum temperature was 33°C and 25°C, respectively. Relative humidity of the district was around 87-80%. According to NDVI map (08.07.2020 to 14.07.2020) the agriculture vigor was less to very less over maximum blocks whereas according to SPI value (cumulative - 1 July 2020 to 15 July 2020), severely dry condition was there.

Forecasted period: 18th July 2020 to 22nd July 2020

General advisory: Very light to light rainfall is forecasted for Today to Sunday after that moderate rainfall is forecasted for next 2 days for the block. The day temperature will be 31-35°C and night temperature will be 23-25°C for upcoming 5 days. Maximum and minimum relative humidity will be 80-87% and 47-57% respectively. There will be partly cloudy to overcast sky for next 5 days. There will be below normal rainfall in the upcoming week (22-28 July) in Odisha condition.

Block	Narasinghpur (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	18/07/2020	19/07/2020	20/07/2020	21/07/2020	22/07/2020
Rainfall(mm)	3	7	9	8	18
T-Max(°C)	35	33	31	33	32
T-Min(°C)	24	24	24	25	23
Cloud Cover(/octa)	6	8	8	8	8
RH Max (%)	85	85	86	80	87
RH Min (%)	50	47	57	49	52
Wind Speed (Kmph)	7	9	9	10	8
Wind Direction (deg)	203	171	198	212	242

Agromet Advisory

General: Farmers may go for transplanting of paddy as good rainfall is realized in the past week and also light to moderate rainfall is forecasted for the block in upcoming 5 days. Farmers are advised to do proper arrangement for storing rain water at one portion in the field as there will be below normal rainfall in the upcoming week (22-28 July) in Odisha condition. This water can be used for irrigation in the crops during dry spell. Go for sowing of non-paddy crops like Ragi, Maize, Arhar, Green gram, Black gram, Cowpea, Sesame etc. Go for sowing of fodder crops like maize, sorghum, cowpea etc. Use seed rate of 20, 14 and 14 kg/acre for maize, sorghum and cowpea, respectively. Before sowing of any crop, farmers are advised for application of well decomposed FYM or compost, it increases the water use efficiency as well as nutrient quantity in the soil. Farmers are also advised to increase the use of potash; it helps in minimizing the losses due to the moisture stress during dry spell. Keep the cattle shed clean in rainy season. Use lime and bleaching powder for cleaning.

Kharif Rice: Utilizing recent rain wet nursery sowing should be continued in the block. In rain deficient blocks, nursery should be grown with assured irrigation facility. 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. Granular insecticide like Cartap hydrochloride (4G) may be applied @ 1000 grams/10 decimal nursery area or Carbofuran 1200 gram or Fipronil@800gram, seven days before uprooting of seedlings. Otherwise seedling root dip with 10% Chloropyrifos solution is to be done before transplanting to check insect attack. 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.

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

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

VEGETABLES:

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

ANIMAL HUSBANDRY: Plant rooted slips of Hybrid Napier variety NB21, IGFR17, CO3 & CO4 for perennial fodder supplement. 2. In case of sudden change in weather condition poultry birds may be supplemented with multivitamin through drinking water for optimizing their production.

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AGROMET ADVISORY BULLETIN FOR NIALI

District Past week weather condition and Block past Rainfall condition

The block received 37 mm and district received 28 mm rainfall during the last week. The mean daily maximum and minimum temperature was 33°C and 25°C, respectively. Relative humidity of the district was around 87-80%. According to NDVI map (08.07.2020 to 14.07.2020) the agriculture vigor was less to very less over maximum blocks whereas according to SPI value (cumulative - 1 July 2020 to 15 July 2020), severely dry condition was there.

Forecasted period: 18th July 2020 to 22nd July 2020

General advisory: Very light to light rainfall is forecasted for Today and tomorrow after that moderate rainfall is forecasted for next 3 days for the block. The day temperature will be 30-32°C and night temperature will be 24-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 78-81% and 54-60% respectively. There will be partly cloudy to overcast sky for next 5 days. There will be below normal rainfall in the upcoming week (22-28 July) in Odisha condition.

Block	Niali (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	18/07/2020	19/07/2020	20/07/2020	21/07/2020	22/07/2020
Rainfall(mm)	5	6	10	17	15
T-Max(°C)	32	32	30	32	31
T-Min(°C)	26	26	26	25	24
Cloud Cover(octa)	6	8	8	8	8
RH Max (%)	79	79	79	78	81
RH Min (%)	54	53	60	55	56
Wind Speed(Kmph)	19	21	24	27	23
Wind Direction(deg)	203	203	203	203	225

Agromet Advisory

General: Farmers may go for transplanting of paddy as moderate rainfall is realized in the past week and also light to moderate rainfall is forecasted for the block in upcoming 5 days. Farmers are advised to do proper arrangement for storing rain water at one portion in the field as there will be below normal rainfall in the upcoming week (22-28 July) in Odisha condition. This water can be used for irrigation in the crops during dry spell. Go for sowing of non-paddy crops like Ragi, Maize, Arhar, Green gram, Black gram, Cowpea, Sesame etc. Go for sowing of fodder crops like maize, sorghum, cowpea etc. Use seed rate of 20, 14 and 14 kg/acre for maize, sorghum and cowpea, respectively. Before sowing of any crop, farmers are advised for application of well decomposed FYM or compost, it increases the water use efficiency as well as nutrient quantity in the soil. Farmers are also advised to increase the use of potash; it helps in minimizing the losses due to the moisture stress during dry spell. Keep the cattle shed clean in rainy season. Use lime and bleaching powder for cleaning.

Kharif Rice: Utilizing recent rain wet nursery sowing should be continued in the block. In rain deficient blocks, nursery should be grown with assured irrigation facility. 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. Granular insecticide like Cartap hydrochloride (4G) may be applied @ 1000 grams/10 decimal nursery area or Carbofuran 1200 gram or Fipronil@800gram, seven days before uprooting of seedlings. Otherwise seedling root dip with 10% Chloropyrifos solution is to be done before transplanting to check insect attack. 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.

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

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

VEGETABLES:

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

ANIMAL HUSBANDRY: Plant rooted slips of Hybrid Napier variety NB21, IGFR17, CO3 & CO4 for perennial fodder supplement. 2. In case of sudden change in weather condition poultry birds may be supplemented with multivitamin through drinking water for optimizing their production.

Dr. Dilip Ranjan Sarangi
(Nodal officer)



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Bulletin No-107
Date-17.07.2020

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AGROMET ADVISORY BULLETIN FOR NISCHINTAKOILI

District Past week weather condition and Block past Rainfall condition

The block received 45 mm and district received 28 mm rainfall during the last week. The mean daily maximum and minimum temperature was 33°C and 25°C, respectively. Relative humidity of the district was around 87-80%. According to NDVI map (08.07.2020 to 14.07.2020) the agriculture vigor was less to very less over maximum blocks whereas according to SPI value (cumulative - 1 July 2020 to 15 July 2020), severely dry condition was there.

Forecasted period: 18th July 2020 to 22nd July 2020

General advisory: Very light to light rainfall is forecasted for Today and tomorrow after that moderate rainfall is forecasted for next 3 days for the block. The day temperature will 31-33°C and night temperature will be 24-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 77-83% and 50-57% respectively. There will be partly cloudy to overcast sky for next 5 days. There will be below normal rainfall in the upcoming week (22-28 July) in Odisha condition.

Block	Nischintakoili (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	18/07/2020	19/07/2020	20/07/2020	21/07/2020	22/07/2020
Rainfall(mm)	4	5	10	14	15
T-Max(°C)	33	32	31	33	31
T-Min(°C)	26	26	26	26	24
Cloud Cover(octa)	6	8	8	8	8
RH Max (%)	81	81	81	77	83
RH Min (%)	53	50	57	52	55
Wind Speed (Kmph)	18	19	23	24	18
Wind Direction (deg)	198	203	203	204	238

Agromet Advisory

General: Farmers may go for transplanting of paddy as good rainfall is realized in the past week and also light to moderate rainfall is forecasted for the block in upcoming 5 days. Farmers are advised to do proper arrangement for storing rain water at one portion in the field as there will be below normal rainfall in the upcoming week (22-28 July) in Odisha condition. This water can be used for irrigation in the crops during dry spell. Go for sowing of non-paddy crops like Ragi, Maize, Arhar, Green gram, Black gram, Cowpea, Sesame etc. Go for sowing of fodder crops like maize, sorghum, cowpea etc. Use seed rate of 20, 14 and 14 kg/acre for maize, sorghum and cowpea, respectively. Before sowing of any crop, farmers are advised for application of well decomposed FYM or compost, it increases the water use efficiency as well as nutrient quantity in the soil. Farmers are also advised to increase the use of potash; it helps in minimizing the losses due to the moisture stress during dry spell. Keep the cattle shed clean in rainy season. Use lime and bleaching powder for cleaning.

Kharif Rice: Utilizing recent rain wet nursery sowing should be continued in the block. In rain deficient blocks, nursery should be grown with assured irrigation facility. 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. Granular insecticide like Cartap hydrochloride (4G) may be applied @ 1000 grams/10 decimal nursery area or Carbofuran 1200 gram or Fipronil@800gram, seven days before uprooting of seedlings. Otherwise seedling root dip with 10% Chloropyrifos solution is to be done before transplanting to check insect attack. 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.

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

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

VEGETABLES:

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

ANIMAL HUSBANDRY: Plant rooted slips of Hybrid Napier variety NB21, IGFR17, CO3 & CO4 for perennial fodder supplement. 2. In case of sudden change in weather condition poultry birds may be supplemented with multivitamin through drinking water for optimizing their production.

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Bulletin No-107

Date-17.07.2020

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AGROMET ADVISORY BULLETIN FOR SALEPUR

District Past week weather condition and Block past Rainfall condition

The block received 15 mm and district received 28 mm rainfall during the last week. The mean daily maximum and minimum temperature was 33°C and 25°C, respectively. Relative humidity of the district was around 87-80%. According to NDVI map (08.07.2020 to 14.07.2020) the agriculture vigor was less to very less over maximum blocks whereas according to SPI value (cumulative - 1 July 2020 to 15 July 2020), severely dry condition was there.

Forecasted period: 18th July 2020 to 22nd July 2020

General advisory: Very light to light rainfall is forecasted for Today to Sunday after that moderate rainfall is forecasted for next 2 days for the block. The day temperature will be 31-33°C and night temperature will be 24-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 78-84% and 50-57% respectively. There will be partly cloudy to overcast sky for next 5 days. There will be below normal rainfall in the upcoming week (22-28 July) in Odisha condition.

Block	Salepur (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	18/07/2020	19/07/2020	20/07/2020	21/07/2020	22/07/2020
Rainfall(mm)	3	5	9	12	17
T-Max(°C)	33	32	31	33	31
T-Min(°C)	26	26	26	26	24
Cloud Cover(octa)	6	8	8	8	8
RH Max (%)	81	81	81	78	84
RH Min (%)	52	50	57	52	55
Wind Speed (Kmph)	18	19	22	24	17
Wind Direction (deg)	198	203	203	204	225

Agromet Advisory

General: Farmers may go for transplanting of paddy with assured irrigation facility as light rainfall is realized in the past week and also light to moderate rainfall is forecasted for the block in upcoming 5 days. Farmers are advised to do proper arrangement for storing rain water at one portion in the field as there will be below normal rainfall in the upcoming week (22-28 July) in Odisha condition. This water can be used for irrigation in the crops during dry spell. Go for sowing of non-paddy crops like Ragi, Maize, Arhar, Green gram, Black gram, Cowpea, Sesame etc. Go for sowing of fodder crops like maize, sorghum, cowpea etc. Use seed rate of 20, 14 and 14 kg/acre for maize, sorghum and cowpea, respectively. Before sowing of any crop, farmers are advised for application of well decomposed FYM or compost, it increases the water use efficiency as well as nutrient quantity in the soil. Farmers are also advised to increase the use of potash; it helps in minimizing the losses due to the moisture stress during dry spell. Keep the cattle shed clean in rainy season. Use lime and bleaching powder for cleaning.

Kharif Rice: Utilizing recent rain wet nursery sowing should be continued in the block. In rain deficient blocks, nursery should be grown with assured irrigation facility. 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. Granular insecticide like Cartap hydrochloride (4G) may be applied @ 1000 grams/10 decimal nursery area or Carbofuran 1200 gram or Fipronil@800gram, seven days before uprooting of seedlings. Otherwise seedling root dip with 10% Chloropyrifos solution is to be done before transplanting to check insect attack. 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.

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

VEGETABLES:

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

ANIMAL HUSBANDRY: Plant rooted slips of Hybrid Napier variety NB21, IGFR17, CO3 & CO4 for perennial fodder supplement. 2. In case of sudden change in weather condition poultry birds may be supplemented with multivitamin through drinking water for optimizing their production.

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Bulletin No-107

Date-17.07.2020

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AGROMET ADVISORY BULLETIN FOR TANGI-CHOUDWAR

District Past week weather condition

The district received 28 mm rainfall during the last week. The mean daily maximum and minimum temperature was 33°C and 25°C, respectively. Relative humidity of the district was around 87-80%. According to NDVI map (08.07.2020 to 14.07.2020) the agriculture vigor was less to very less over maximum blocks whereas according to SPI value (cumulative - 1 July 2020 to 15 July 2020), severely dry condition was there.

Forecasted period: 18th July 2020 to 22nd July 2020

General advisory: Very light to light rainfall is forecasted for Today and tomorrow after that moderate rainfall is forecasted for next 3 days for the block. The day temperature will 33-34°C and night temperature will be 28-29°C for upcoming 5 days. Maximum and minimum relative humidity will be 80-82% and 60-65% respectively. There will be partly cloudy to overcast sky for next 5 days. There will be below normal rainfall in the upcoming week (22-28 July) in Odisha condition.

Block	Tangi-Choudwar (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	18/07/2020	19/07/2020	20/07/2020	21/07/2020	22/07/2020
Rainfall(mm)	3	5	11	15	14
T-Max(°C)	34	34	33	34	34
T-Min(°C)	29	29	29	29	28
Cloud Cover(octa)	6	8	8	8	8
RH Max (%)	81	80	82	80	80
RH Min (%)	63	62	65	61	60
Wind Speed (Kmph)	22	23	27	30	26
Wind Direction (deg)	203	203	203	204	243

Agromet Advisory

General: Farmers may go for transplanting of paddy with assured irrigation facility as light to moderate rainfall is realized in the past week and also light to moderate rainfall is forecasted for the block in upcoming 5 days. Farmers are advised to do proper arrangement for storing rain water at one portion in the field as there will be below normal rainfall in the upcoming week (22-28 July) in Odisha condition. This water can be used for irrigation in the crops during dry spell. Go for sowing of non-paddy crops like Ragi, Maize, Arhar, Green gram, Black gram, Cowpea, Sesame etc. Go for sowing of fodder crops like maize, sorghum, cowpea etc. Use seed rate of 20, 14 and 14 kg/acre for maize, sorghum and cowpea, respectively. Before sowing of any crop, farmers are advised for application of well decomposed FYM or compost, it increases the water use efficiency as well as nutrient quantity in the soil. Farmers are also advised to increase the use of potash; it helps in minimizing the losses due to the moisture stress during dry spell. Keep the cattle shed clean in rainy season. Use lime and bleaching powder for cleaning.

Kharif Rice: Utilizing recent rain wet nursery sowing should be continued in the block. In rain deficient blocks, nursery should be grown with assured irrigation facility. 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. Granular insecticide like Cartap hydrochloride (4G) may be applied @ 1000 grams/10 decimal nursery area or Carbofuran 1200 gram or Fipronil@800gram, seven days before uprooting of seedlings. Otherwise seedling root dip with 10% Chloropyrifos solution is to be done before transplanting to check insect attack. 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.

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

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

VEGETABLES:

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

ANIMAL HUSBANDRY: Plant rooted slips of Hybrid Napier variety NB21, IGFR17, CO3 & CO4 for perennial fodder supplement. 2. In case of sudden change in weather condition poultry birds may be supplemented with multivitamin through drinking water for optimizing their production.

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Bulletin No-107

Date-17.07.2020

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AGROMET ADVISORY BULLETIN FOR TIGIRIA

District Past week weather condition and Block past Rainfall condition

The block received 03 mm and district received 28 mm rainfall during the last week. The mean daily maximum and minimum temperature was 33°C and 25°C, respectively. Relative humidity of the district was around 87-80%. According to NDVI map (08.07.2020 to 14.07.2020) the agriculture vigor was less to very less over maximum blocks whereas according to SPI value (cumulative - 1 July 2020 to 15 July 2020), severely dry condition was there.

Forecasted period: 18th July 2020 to 22nd July 2020

General advisory: Very light to light rainfall is forecasted for Today and tomorrow after that moderate rainfall is forecasted for next 3 days for the block. The day temperature will be 32-33°C and night temperature will be 23-24°C for upcoming 5 days. Maximum and minimum relative humidity will be 82-86% and 49-57% respectively. There will be partly cloudy to overcast sky for next 5 days. There will be below normal rainfall in the upcoming week (22-28 July) in Odisha condition.

Block	Tigiria (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	18/07/2020	19/07/2020	20/07/2020	21/07/2020	22/07/2020
Rainfall(mm)	3	7	10	14	18
T-Max(°C)	33	33	32	33	32
T-Min(°C)	24	24	24	24	23
Cloud Cover(octa)	7	8	8	8	8
RH Max (%)	84	82	85	84	86
RH Min (%)	51	49	57	53	55
Wind Speed (Kmph)	11	15	16	16	10
Wind Direction (deg)	198	201	203	204	214

Agromet Advisory

General: Farmers may go for transplanting of paddy with assured irrigation facility as very less rainfall is realized in the past week and also light to moderate rainfall is forecasted for the block in upcoming 5 days. Farmers are advised to do proper arrangement for storing rain water at one portion in the field as there will be below normal rainfall in the upcoming week (22-28 July) in Odisha condition. This water can be used for irrigation in the crops during dry spell. Go for sowing of non-paddy crops like Ragi, Maize, Arhar, Green gram, Black gram, Cowpea, Sesame etc. Go for sowing of fodder crops like maize, sorghum, cowpea etc. Use seed rate of 20, 14 and 14 kg/acre for maize, sorghum and cowpea, respectively. Before sowing of any crop, farmers are advised for application of well decomposed FYM or compost, it increases the water use efficiency as well as nutrient quantity in the soil. Farmers are also advised to increase the use of potash; it helps in minimizing the losses due to the moisture stress during dry spell. Keep the cattle shed clean in rainy season. Use lime and bleaching powder for cleaning.

Kharif Rice: Utilizing recent rain wet nursery sowing should be continued in the block. In rain deficient blocks, nursery should be grown with assured irrigation facility. 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. Granular insecticide like Cartap hydrochloride (4G) may be applied @ 1000 grams/10 decimal nursery area or Carbofuran 1200 gram or Fipronil@800gram, seven days before uprooting of seedlings. Otherwise seedling root dip with 10% Chloropyrifos solution is to be done before transplanting to check insect attack. 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.

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

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

VEGETABLES:

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

ANIMAL HUSBANDRY: Plant rooted slips of Hybrid Napier variety NB21, IGFR17, CO3 & CO4 for perennial fodder supplement. 2. In case of sudden change in weather condition poultry birds may be supplemented with multivitamin through drinking water for optimizing their production.

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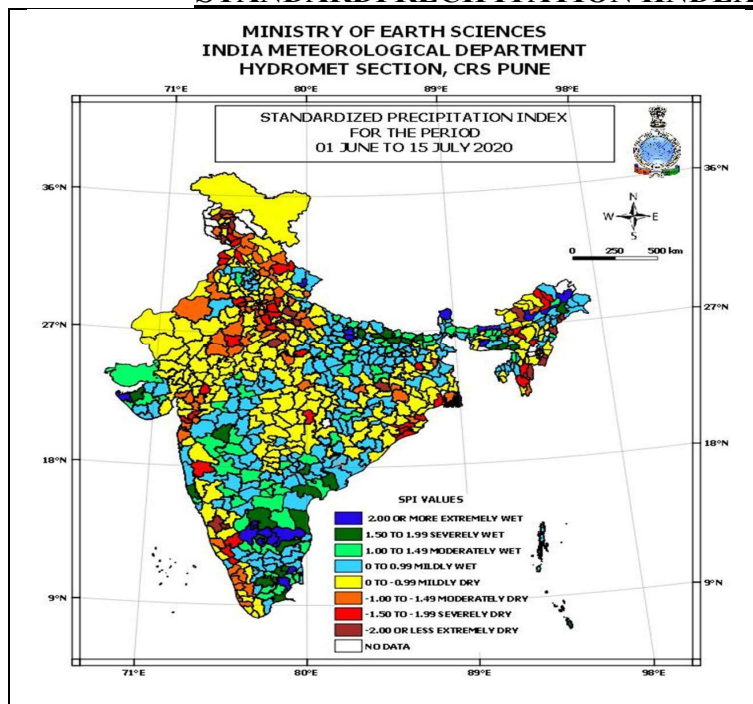
E-mail: kvkcuttack@gmail.com



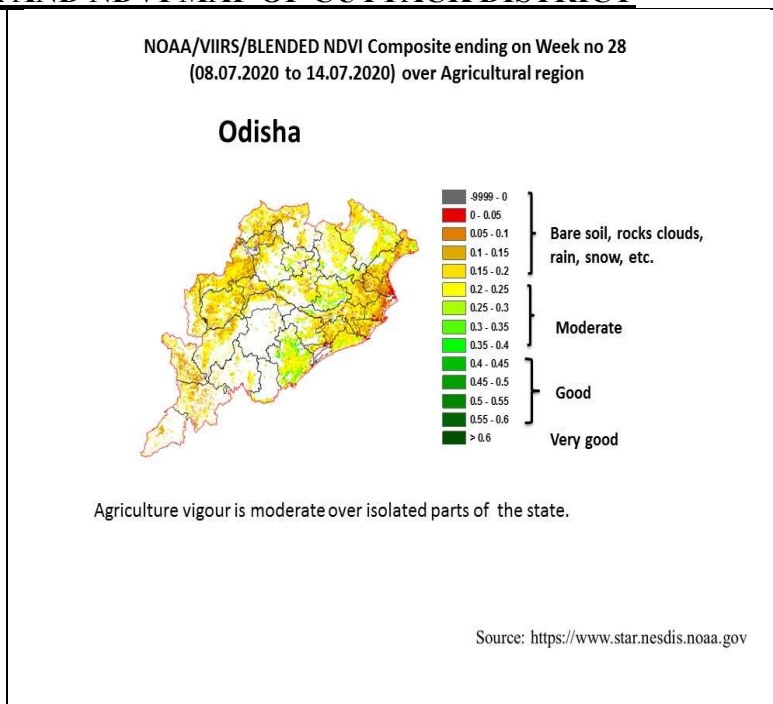
Bulletin No-107

Date-17.07.2020

STANDARD PRECIPITATION INDEX AND NDVI MAP OF CUTTACK DISTRICT



As per SPI value (cumulative - 1 July 2020 to 15 July 2020), severely dry condition was there in Cuttack district.



According to NDVI map (08.07.2020 to 14.07.2020) the agriculture vigor was less to very less over maximum blocks

