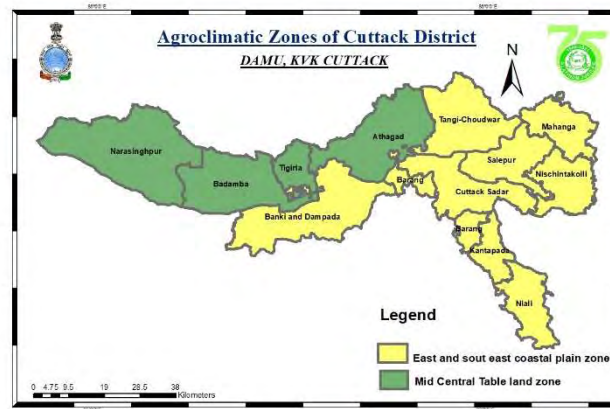
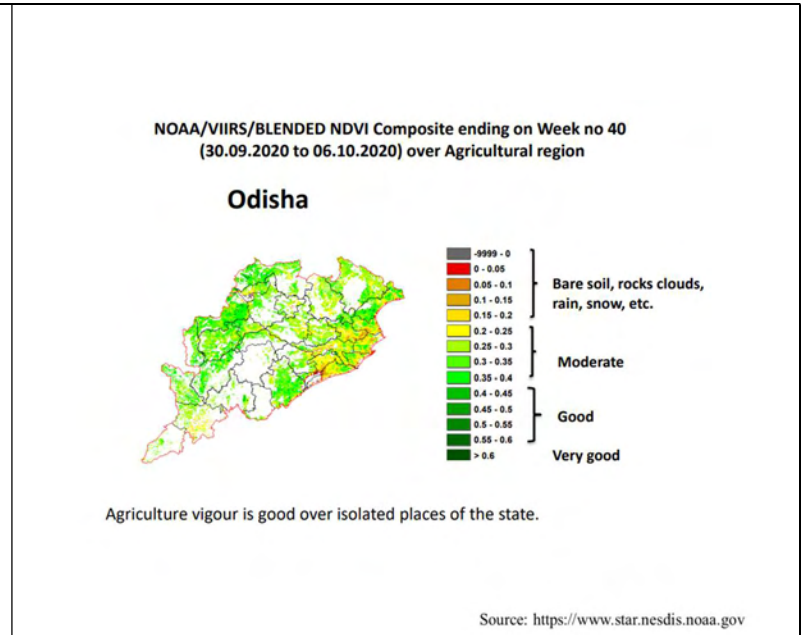
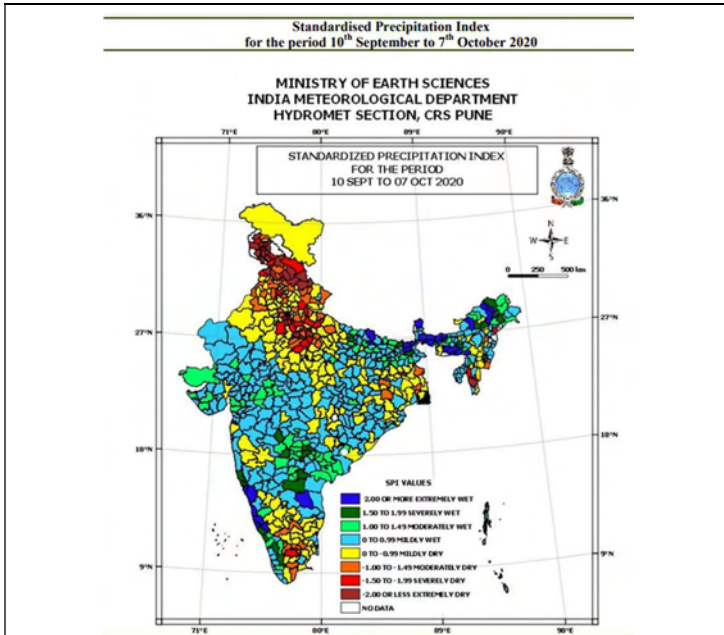


AGROCLIMATIC ZONES OF CUTTACK DISTRICT:



STANDARD PRECIPITATION INDEX AND NDVI MAP



As per SPI value (cumulative 4weeks - 10September 2020 to 07October 2020), Mildly dry condition was there in Cuttack district.

According to NDVI map (30.09.2020 to 06.10.2020) the agriculture vigor was less to moderate over few places of Cuttack district.

LEGEND(Medium range block level rainfall forecast)	
	Very light to light rainfall
	Light to moderate rainfall
	Moderate to heavy rainfall
	Heavy rainfall
	Very heavy rainfall
	Extremely heavy rainfall

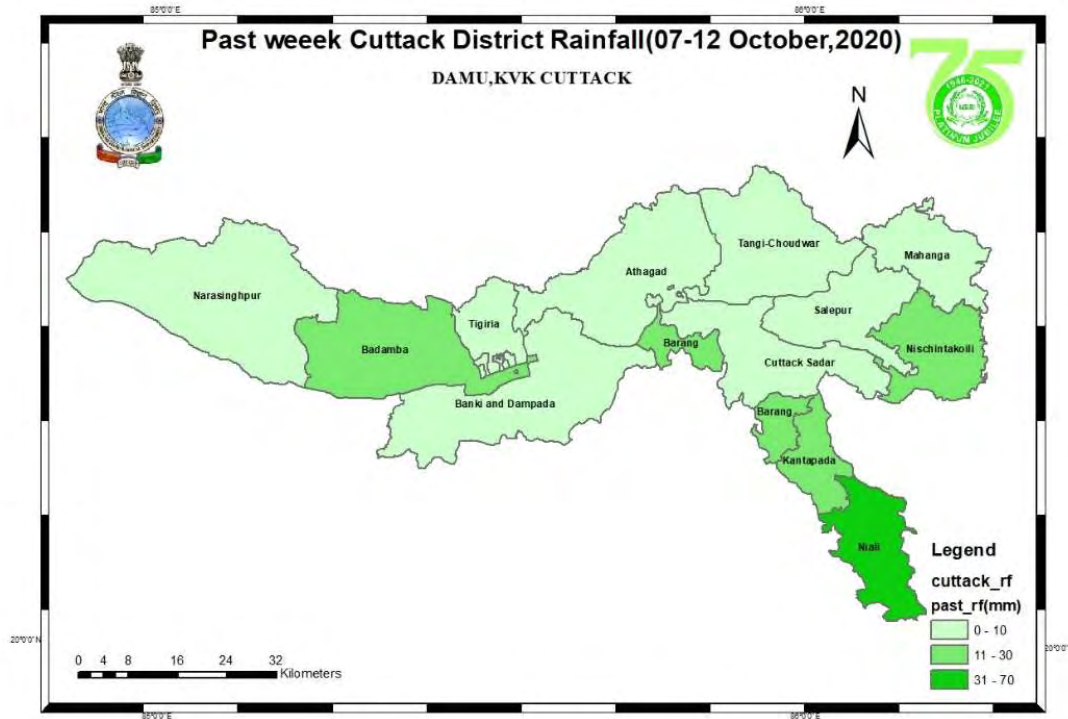




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Bulletin No.-132
Date- 13/10/2020



**Extended range outlook for subsequent 1 week (6th to 12th days)
 (18th to 24th October 2020)**

Met Sub division	Departure (%)	Category
Odisha	180.90	Above normal

Mrs. Sujata Sethy
 (Nodal officer)



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Bulletin No.-132
Date- 13/10/2020

AGROMET ADVISORY BULLETIN FOR ATHAGAD

District Past week weather condition and Block past Rainfall condition

The block received 0 mm and district received 14 mm rainfall during the last week. The mean daily maximum and minimum temperature was 34°C and 24°C, respectively. Mean relative humidity of the district was around 90-81%. **According to NDVI map (30.09.2020 to 10.06.2020) the agriculture vigor was less to moderate over few places of Cuttack district whereas according to SPI value (cumulative 4 weeks-10 September 2020 to 07 October 2020), mildly dry condition was there.**

Forecasted period: 14th October 2020 to 18th October 2020

Weather advisory: Light to moderate rainfall is forecasted for today and very light to light rainfall is forecasted for next 4 days in the block. The day temperature will be 30-32°C and night temperature will be 23°C for upcoming 5 days. Maximum and minimum relative humidity will be 95-97% and 70-78% respectively. There will be partly cloudy to overcast sky for next 5 days. **As per extended range outlook there will be above normal rainfall (+181%) in Odisha condition for subsequent week (18-24 October 2020).**

Block	Athagad (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	14/10/2020	15/10/2020	16/10/2020	17/10/2020	18/10/2020
Rainfall (mm)	12	7	4	3	2
T-Max (°C)	31	30	31	31	32
T-Min (°C)	23	23	23	23	23
Cloud Cover (octa)	8	8	8	7	4
RH Max (%)	96	97	95	95	96
RH Min (%)	75	78	70	71	72
Wind Speed (kmph)	16	10	7	7	8
Wind Direction (deg)	72	66	90	90	34

Agromet Advisory

General Advisory: Watch for rain before applying pesticides and fertilizers. If necessary apply only when sky becomes clear and use sticker to the spray solution for pesticides. In fallow uplands, utilizing recent rainfall farmers should take up short duration low water requiring crops like black gram, green gram, sesame, fodder etc and also go for raising of nursery for rabi vegetables should be started. Farmers may go for harvesting of 80-85% matured early duration rice varieties/direct sown rice in the upcoming sunny days.

Kharif Rice:

Maintain about 5-6cm standing water during tillering to panicle initiation stage. At PI stage apply 13kg urea with 10kg MOP in short duration varieties and 18kg urea with 15kg MOP in medium and long duration varieties per acre. If yellow stem borer found in field, spray the crop with Rynaxypyr 20% SC @ 0.3 ml/litre of water or Acephate 75% SP @ 1.5 g/litre of water. Present weather may cause blast in rice, if observe spray with Tebuconazole 50% + Trifloxystrobin 25% @ 0.4 g/litre of water or Carbendazim 50% WP @ 1.5 g/litre of water. Chances of gundhi bug incidence for crop at milking stage. If observe spray Ethofenprox 10% EC @ 1 ml/litre of water. Cloudy weather with drizzling may result occurrence of bacterial leaf blight in rice. It is advised to spray the crop immediately after rain with 1 g Plantomycin per litre of water in sunny days.

PULSES: This is the time for sowing of pre-rabi Black gram (Biri) and Green gram (Mung). Grow high yielding varieties like T 9, PU 11, PU 19 and PU 30 for black gram; and K 851, PDM 11, PDM 54, OUM 115 for green gram. Use 10 kg seeds/acre. Before sowing, seeds are to be treated with the Rhizobium culture. Apply 4 kg urea, 35 kg DAP and 13 kg MOP per acre during final land preparation. Sow the seeds in line of 30 cm apart with 10-15 cm plant to plant distance.

GROUNDNUT:

In groundnut complete hoeing and weeding followed by earthing up before flowering. Harvesting of Groundnut should be done if 75-80 % of pods are fully matured. The important indication of maturity is yellowing of foliage and necrotic spotting of leaves and dropping of older leaves.

VEGETABLES:

The vegetable nursery should be covered with white polythene to protect it. This is best time to raise nursery for cole crops like cabbage and cauliflower. There is a chance of occurrence of **damping off disease in vegetable nursery** due to rainfall in last week. To control immediately drain out excess water from the field and go for soil drenching with metalaxyl @ 2 ml/ l. Apply 1.5g Streptocycline + 25 g Copper Oxchloride in 10 litre water to prevent **wilting** in vegetables Spray 400gm (Metalaxyl + Mancozeb) or 300gm Chlorothalonil in 200 liter water to prevent **bitter gourd and pointed gourd from leaf spot, Stem rot & Downy mildew diseases.** To control **Fruit and shoot borer in Brinjal and Okra**, Spray Neem based pesticide 1500ppm @600ml/acre at initial stages. Later on go for alternate spray of Spinosad 45% SC @70ml/acre and Thiodicarb@300g/acre at 15 days interval. In Chilli, thrips may be seen. So, apply Ethion 50% EC @ 400ml/ acre or Imidacloprid 17.8% SL @ 60 ml/acre. Go for sowing of tomato using resistant varieties like BT-2, BT-10, BT-12, etc.

Fruits:

To prevent the spread of **viral diseases transmitted by aphids** spray dimethoate 2 ml of per lit of water. In light soils for the prevention of **neematodes** apply 25 g carbofuran granules for each plant at a distance of 10 cm away from the plant and cover with the soil. Present weather conditions are favourable for the incidence of **foot rot in Papaya**. To control go for soil drenching around the base of the stem with Metalaxyl @ 2g/L.

Animal husbandry: Keep animal shed and shelter house free from water logging by keeping it dry and free from weed. Fresh and immature leaves should not be fed more amount as they may cause diarrhea. If grasses were cut in morning or evening time, it can be sun dried for about 30 minute before feeding.

Mrs. Sujata Sethy
 (Nodal officer)



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Bulletin No.-132
Date- 13/10/2020

AGROMET ADVISORY BULLETIN FOR BADAMBA

District Past week weather condition and Block past Rainfall condition

The block received 27 mm and district received 14 mm rainfall during the last week. The mean daily maximum and minimum temperature was 34°C and 24°C, respectively. Mean relative humidity of the district was around 90-81%. According to NDVI map (30.09.2020 to 10.06.2020) the agriculture vigor was less to moderate over few places of Cuttack district whereas according to SPI value (cumulative 4 weeks-10 September 2020 to 07 October 2020), mildly dry condition was there.

Forecasted period: 14th October 2020 to 18th October 2020

Weather advisory: Light to moderate rainfall is forecasted for today and very light to light rainfall is forecasted for next 4 days in the block. The day temperature will be 29-31°C and night temperature will be 22-23°C for upcoming 5 days. Maximum and minimum relative humidity will be 95-97% and 71-81% respectively. There will be partly cloudy to overcast sky for next 5 days. As per extended range outlook there will be above normal rainfall (+181%) in Odisha condition for subsequent week (18-24 October 2020).

Block	Badamba (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	14/10/2020	15/10/2020	16/10/2020	17/10/2020	18/10/2020
Rainfall(mm)	16	8	5	4	3
T-Max(°C)	30	29	31	31	31
T-Min(°C)	23	22	22	22	22
Cloud Cover(octa)	8	8	8	7	4
RH Max (%)	97	97	95	96	96
RH Min (%)	81	78	71	71	72
Wind Speed (Kmph)	14	9	7	7	7
Wind Direction (deg)	68	63	108	90	113

Agromet Advisory

General Advisory: Watch for rain before applying pesticides and fertilizers. If necessary apply only when sky becomes clear and use sticker to the spray solution for pesticides. In fallow uplands, utilizing recent rainfall farmers should take up short duration low water requiring crops like black gram, green gram, sesame, fodder etc and also go for raising of nursery for rabi vegetables should be started. Farmers may go for harvesting of 80-85% matured early duration rice varieties/direct sown rice in the upcoming sunny days.

Kharif Rice:

Maintain about 5-6cm standing water during tillering to panicle initiation stage. At PI stage apply 13kg urea with 10kg MOP in short duration varieties and 18kg urea with 15kg MOP in medium and long duration varieties per acre. If yellow stem borer found in field, spray the crop with Rynaxypyr 20% SC @ 0.3 ml/litre of water or Acephate 75% SP @ 1.5 g/litre of water. Present weather may cause blast in rice, if observe spray with Tebuconazole 50% + Trifloxystrobin 25% @ 0.4 g/litre of water or Carbendazim 50% WP @ 1.5 g/litre of water. Chances of gundhi bug incidence for crop at milking stage. If observe spray Ethofenoprox 10% EC @ 1 ml/litre of water. Cloudy weather with drizzling may result occurrence of bacterial leaf blight in rice. It is advised to spray the crop immediately after rain with 1 g Plantomycin per litre of water in sunny days.

PULSES: This is the time for sowing of pre-rabi Black gram (Biri) and Green gram (Mung). Grow high yielding varieties like T 9, PU 11, PU 19 and PU 30 for black gram; and K 851, PDM 11, PDM 54, OUM 115 for green gram. Use 10 kg seeds/acre. Before sowing, seeds are to be treated with the Rhizobium culture. Apply 4 kg urea, 35 kg DAP and 13 kg MOP per acre during final land preparation. Sow the seeds in line of 30 cm apart with 10-15 cm plant to plant distance.

GROUNDNUT:

In groundnut complete hoeing and weeding followed by earthing up before flowering. Harvesting of Groundnut should be done if 75-80 % of pods are fully matured. The important indication of maturity is yellowing of foliage and necrotic spotting of leaves and dropping of older leaves.

VEGETABLES:

The vegetable nursery should be covered with white polythene to protect it. This is best time to raise nursery for cole crops like cabbage and cauliflower. There is a chance of occurrence of damping off disease in vegetable nursery due to rainfall in last week. To control immediately drain out excess water from the field and go for soil drenching with metalaxyl @ 2 ml/l. Apply 1.5g Streptocycline + 25 g Copper Oxchloride in 10 litre water to prevent wilting in vegetables. Spray 400gm (Metalaxyl + Mancozeb) or 300gm Chlorothalonil in 200 liter water to prevent bitter gourd and pointed gourd from leaf spot, Stem rot & Downy mildew diseases. To control Fruit and shoot borer in Brinjal and Okra, Spray Neem based pesticide 1500ppm @ 600ml/acre at initial stages. Later on go for alternate spray of Spinosad 45% SC @ 70ml/acre and Thiodicarb @ 300g/acre at 15 days interval. In Chilli, thrips may be seen. So, apply Ethion 50% EC @ 400ml/acre or Imidacloprid 17.8% SL @ 60 ml/acre. Go for sowing of tomato using resistant varieties like BT-2, BT-10, BT-12, etc.

Fruits:

To prevent the spread of viral diseases transmitted by aphids spray dimethoate 2 ml of per lit of water. In light soils for the prevention of nematodes apply 25 g carbofuran granules for each plant at a distance of 10 cm away from the plant and cover with the soil. Present weather conditions are favourable for the incidence of foot rot in Papaya. To control go for soil drenching around the base of the stem with Metalaxyl @ 2g/L.

Animal husbandry: Keep animal shed and shelter house free from water logging by keeping it dry and free from weed. Fresh and immature leaves should not be fed more amount as they may cause diarrhea. If grasses were cut in morning or evening time, it can be sun dried for about 30 minute before feeding.

Mrs. Sujata Sethy
(Nodal officer)



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Bulletin No.-132
Date- 13/10/2020

AGROMET ADVISORY BULLETIN FOR BANKI

District Past week weather condition and Block past Rainfall condition

The block received 06 mm and district received 14 mm rainfall during the last week. The mean daily maximum and minimum temperature was 34°C and 24°C, respectively. Mean relative humidity of the district was around 90-81%. **According to NDVI map (30.09.2020 to 10.06.2020) the agriculture vigor was less to moderate over few places of Cuttack district whereas according to SPI value (cumulative 4 weeks-10 September 2020 to 07 October 2020), mildly dry condition was there.**

Forecasted period: 14th October 2020 to 18th October 2020

Weather advisory: Light to moderate rainfall is forecasted for today and very light to light rainfall is forecasted for next 4 days in the block. The day temperature will be 30-32°C and night temperature will be 22-23°C for upcoming 5 days. Maximum and minimum relative humidity will be 94-97% and 68-78% respectively. There will be partly cloudy to overcast sky for next 5 days. **As per extended range outlook there will be above normal rainfall (+181%) in Odisha condition for subsequent week (18-24 October 2020).**

Block	Banki (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	14/10/2020	15/10/2020	16/10/2020	17/10/2020	18/10/2020
Rainfall(mm)	13	5	5	3	3
T-Max(°C)	30	30	31	31	32
T-Min(°C)	23	22	22	22	22
Cloud Cover(octa)	8	8	8	7	4
RH Max (%)	97	97	94	95	96
RH Min (%)	78	76	68	70	72
Wind Speed (Kmph)	15	10	7	7	7
Wind Direction (deg)	68	66	108	90	34

Agromet Advisory

General Advisory: Watch for rain before applying pesticides and fertilizers. If necessary apply only when sky becomes clear and use sticker to the spray solution for pesticides. In fallow uplands, utilizing recent rainfall farmers should take up short duration low water requiring crops like black gram, green gram, sesame, fodder etc and also go for raising of nursery for rabi vegetables should be started. Farmers may go for harvesting of 80-85% matured early duration rice varieties/direct sown rice in the upcoming sunny days.

Kharif Rice: Maintain about 5-6cm standing water during tillering to panicle initiation stage. At PI stage apply 13kg urea with 10kg MOP in short duration varieties and 18kg urea with 15kg MOP in medium and long duration varieties per acre. If yellow stem borer found in field, spray the crop with Rynaxypyr 20% SC @ 0.3 ml/litre of water or Acephate 75% SP @ 1.5 g/litre of water. Present weather may cause blast in rice, if observe spray with Tebuconazole 50% + Trifloxystrobin 25% @ 0.4 g/litre of water or Carbendazim 50% WP @ 1.5 g/litre of water. Chances of gundhi bug incidence for crop at milking stage. If observe spray Ethofenoprox 10% EC @ 1 ml/litre of water. Cloudy weather with drizzling may result occurrence of bacterial leaf blight in rice. It is advised to spray the crop immediately after rain with 1 g Plantomycin per litre of water in sunny days.

PULSES:

This is the time for sowing of pre-rabi Black gram (Biri) and Green gram (Mung). Grow high yielding varieties like T 9, PU 11, PU 19 and PU 30 for black gram; and K 851, PDM 11, PDM 54, OUM 115 for green gram. Use 10 kg seeds/acre. Before sowing, seeds are to be treated with the Rhizobium culture. Apply 4 kg urea, 35 kg DAP and 13 kg MOP per acre during final land preparation. Sow the seeds in line of 30 cm apart with 10-15 cm plant to plant distance.

Maize Stem borer may attack the crop at this stage. Spray 80ml chlorantraniliprole 18.5 SC or 60ml flubendiamide 39.35 SC per acre crop area mixing with 200lit of water. There may be **aphids** incidence in maize due to high humidity and cloudy condition, if observe spray Dimethoate 30% EC @ 2 ml/litre of water in sunny days. If **leaf Blight** disease found in maize crop, to manage this disease Spray Mancozeb 75 % WP @ 400-gram/200 litre or Carbendazim 12 % + Mancozeb 63 % WP @ 400-gram/200 litre of water. At 30 days age apply 40 kg urea / ac as second dose of nitrogen.

VEGETABLES:

The vegetable nursery should be covered with white polythene to protect it. This is best time to raise nursery for cole crops like cabbage and cauliflower. There is a chance of occurrence of **damping off disease in vegetable nursery** due to rainfall in last week. To control immediately drain out excess water from the field and go for soil drenching with metalaxyl @ 2 ml/ l. Apply 1.5g Streptocycline + 25 g Copper Oxchloride in 10 litre water to prevent **wilting** in vegetables Spray 400gm (Metalaxyl + Mancozeb) or 300gm Chlorothalonil in 200 liter water to prevent **bitter gourd and pointed gourd from leaf spot, Stem rot & Downy mildew diseases**. To control **Fruit and shoot borer in Brinjal and Okra**, Spray Neem based pesticide 1500ppm @600ml/acre at initial stages. Later on go for alternate spray of Spinosad 45% SC @70ml/acre and Thiodicarb@300g/acre at 15 days interval. In Chili, thrips may be seen. So, apply Ethion 50% EC @ 400ml/ acre or Imidacloprid 17.8% SL @ 60 ml/acre. Go for sowing of tomato using resistant varieties like BT-2, BT-10, BT-12, etc.

Fruits:

To prevent the spread of **viral diseases transmitted by aphids** spray dimethoate 2 ml of per lit of water. In light soils for the prevention of **neematodes** apply 25 g carbofuran granules for each plant at a distance of 10 cm away from the plant and cover with the soil. Present weather conditions are favourable for the incidence of **foot rot in Papaya**. To control go for soil drenching around the base of the stem with Metalaxyl @ 2g/L.

Animal husbandry: Keep animal shed and shelter house free from water logging by keeping it dry and free from weed. Fresh and immature leaves should not to be fed more amount as they may cause diarrhea. If grasses were cut in morning or evening time, it can be sun dried for about 30 minute before feeding.

Mrs. Sujata Sethy
(Nodal officer)



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Bulletin No.-132
Date- 13/10/2020

AGROMET ADVISORY BULLETIN FOR BANKI-DAMPARA

District Past week weather condition

The district received 14 mm rainfall during the last week. The mean daily maximum and minimum temperature was 34°C and 24°C, respectively. Mean relative humidity of the district was around 90-81%. According to NDVI map (30.09.2020 to 10.06.2020) the agriculture vigor was less to moderate over few places of Cuttack district whereas according to SPI value (cumulative 4 weeks-10September 2020 to 07October 2020), mildly dry condition was there.

Forecasted period: 14th October 2020 to 18th October 2020

Weather Advisory: Light to moderate rainfall is forecasted for today and very light to light rainfall is forecasted for next 4 days in the block. The day temperature will be 30-32°C and night temperature will be 22-23°C for upcoming 5 days. Maximum and minimum relative humidity will be 94-97% and 68-78% respectively. There will be partly cloudy to overcast sky for next 5 days. As per extended range outlook there will be above normal rainfall (+181%) in Odisha condition for subsequent week (18-24 October 2020).

Block	Banki-Dampara (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	14/10/2020	15/10/2020	16/10/2020	17/10/2020	18/10/2020
Rainfall(mm)	18	4	6	3	2
T-Max(°C)	30	30	31	31	32
T-Min(°C)	23	23	22	23	22
Cloud Cover(octa)	8	8	8	7	4
RH Max (%)	97	97	94	95	96
RH Min (%)	78	76	68	70	72
Wind Speed (Kmph)	15	10	7	7	7
Wind Direction (deg)	68	66	108	90	34

Agromet Advisory

General Advisory: Watch for rain before applying pesticides and fertilizers. If necessary apply only when sky becomes clear and use sticker to the spray solution for pesticides. In fallow uplands, utilizing recent rainfall farmers should take up short duration low water requiring crops like black gram, green gram, sesame, fodder etc and also go for raising of nursery for rabi vegetables should be started. Farmers may go for harvesting of 80-85% matured early duration rice varieties/direct sown rice in the upcoming sunny days.

Kharif Rice: Maintain about 5-6cm standing water during tillering to panicle initiation stage. At PI stage apply 13kg urea with 10kg MOP in short duration varieties and 18kg urea with 15kg MOP in medium and long duration varieties per acre. If yellow stem borer found in field, spray the crop with Rynaxypyr 20% SC @ 0.3 ml/litre of water or Acephate 75% SP @ 1.5 g/litre of water. Present weather may cause blast in rice, if observe spray with Tebuconazole 50% + Trifloxystrobin 25% @ 0.4 g/litre of water or Carbendazim 50% WP @ 1.5 g/litre of water. Chances of gundhi bug incidence for crop at milking stage. If observe spray Ethofenoprox 10% EC @ 1 ml/litre of water. Cloudy weather with drizzling may result occurrence of bacterial leaf blight in rice. It is advised to spray the crop immediately after rain with 1 g Plantomycin per litre of water in sunny days.

PULSES: This is the time for sowing of pre-rabi Black gram (Biri) and Green gram (Mung). Grow high yielding varieties like T 9, PU 11, PU 19 and PU 30 for black gram; and K 851, PDM 11, PDM 54, OUM 115 for green gram. Use 10 kg seeds/acre. Before sowing, seeds are to be treated with the Rhizobium culture. Apply 4 kg urea, 35 kg DAP and 13 kg MOP per acre during final land preparation. Sow the seeds in line of 30 cm apart with 10-15 cm plant to plant distance.

Maize Stem borer may attack the crop at this stage. Spray 80ml chlorantraniliprole 18.5 SC or 60ml flubendiamide 39.35 SC per acre crop area mixing with 200lit of water. There may be aphids incidence in maize due to high humidity and cloudy condition, if observe spray Dimethoate 30% EC @ 2 ml/litre of water in sunny days. If leaf blight disease found in maize crop, to manage this disease Spray Mancozeb 75 % WP @ 400-gram/200 litre or Carbendazim 12 % + Mancozeb 63 % WP @ 400-gram/200 litre of water. At 30 days age apply 40 kg urea / ac as second dose of nitrogen.

VEGETABLES:

The vegetable nursery should be covered with white polythene to protect it. This is best time to raise nursery for cole crops like cabbage and cauliflower. There is a chance of occurrence of damping off disease in vegetable nursery due to rainfall in last week. To control immediately drain out excess water from the field and go for soil drenching with metalaxyl @ 2 ml/ l. Apply 1.5g Streptocycline + 25 g Copper Oxchloride in 10 litre water to prevent wilting in vegetables Spray 400gm (Metalaxyl + Mancozeb) or 300gm Chlorothalonil in 200 liter water to prevent bitter gourd and pointed gourd from leaf spot, Stem rot & Downy mildew diseases. To control Fruit and shoot borer in Brinjal and Okra, Spray Neem based pesticide 1500ppm @600ml/acre at initial stages. Later on go for alternate spray of Spinosad 45% SC @70ml/acre and Thiodicarb@300g/acre at 15 days interval. In Chilli, thrips may be seen. So, apply Ethion 50% EC @ 400ml/ acre or Imidacloprid 17.8% SL @ 60 ml/acre. Go for sowing of tomato using resistant varieties like BT-2, BT-10, BT-12, etc.

Fruits:

To prevent the spread of viral diseases transmitted by aphids spray dimethoate 2 ml of per lit of water. In light soils for the prevention of nematodes apply 25 g carbofuran granules for each plant at a distance of 10 cm away from the plant and cover with the soil. Present weather conditions are favourable for the incidence of foot rot in Papaya. To control go for soil drenching around the base of the stem with Metalaxyl @ 2g/L.

Animal husbandry: Keep animal shed and shelter house free from water logging by keeping it dry and free from weed. Fresh and immature leaves should not be fed more amount as they may cause diarrhea. If grasses were cut in morning or evening time, it can be sun dried for about 30 minute before feeding.

Mrs. Sujata Sethy
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Bulletin No.-132
Date- 13/10/2020

AGROMET ADVISORY BULLETIN FOR BARANGA

District Past week weather condition and Block past Rainfall condition

The block received 12 mm and district received 14 mm rainfall during the last week. The mean daily maximum and minimum temperature was 34°C and 24°C, respectively. Mean relative humidity of the district was around 90-81%. **According to NDVI map (30.09.2020 to 10.06.2020) the agriculture vigor was less to moderate over few places of Cuttack district whereas according to SPI value (cumulative 4 weeks-10 September 2020 to 07 October 2020), mildly dry condition was there.**

Forecasted period: 14th October 2020 to 18th October 2020

Weather advisory: Light to moderate rainfall is forecasted for today and very light to light rainfall is forecasted for next 4 days in the block. The day temperature will be 30-32°C and night temperature will be 23-24°C for upcoming 5 days. Maximum and minimum relative humidity will be 93-96% and 67-76% respectively. There will be partly cloudy to overcast sky for next 5 days. **As per extended range outlook there will be above normal rainfall (+181%) in Odisha condition for subsequent week (18-24 October 2020).**

Block	Baranga (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	14/10/2020	15/10/2020	16/10/2020	17/10/2020	18/10/2020
Rainfall(mm)	17	3	4	5	4
T-Max(°C)	31	30	31	32	32
T-Min(°C)	24	24	23	24	24
Cloud Cover	8	8	8	7	4
RH Max (%)	95	95	93	95	96
RH Min (%)	75	76	67	68	71
Wind Speed (Kmph)	17	9	7	8	9
Wind Direction (deg)	72	72	68	105	26

Agromet Advisory

General Advisory: Watch for rain before applying pesticides and fertilizers. If necessary apply only when sky becomes clear and use sticker to the spray solution for pesticides. In fallow uplands, utilizing recent rainfall farmers should take up short duration low water requiring crops like black gram, green gram, sesame, fodder etc and also go for raising of nursery for rabi vegetables should be started. Farmers may go for harvesting of 80-85% matured early duration rice varieties/direct sown rice in the upcoming sunny days.

Kharif Rice: Maintain about 5-6cm standing water during tillering to panicle initiation stage. At PI stage apply 13kg urea with 10kg MOP in short duration varieties and 18kg urea with 15kg MOP in medium and long duration varieties per acre. If yellow stem borer found in field, spray the crop with Rynaxypyr 20% SC @ 0.3 ml/litre of water or Acephate 75% SP @ 1.5 g/litre of water. Present weather may cause blast in rice, if observe spray with Tebuconazole 50% + Trifloxystrobin 25% @ 0.4 g/litre of water or Carbendazim 50% WP @ 1.5 g/litre of water. Chances of gundhi bug incidence for crop at milking stage. If observe spray Ethofenoprox 10% EC @ 1 ml/litre of water. Cloudy weather with drizzling may result occurrence of bacterial leaf blight in rice. It is advised to spray the crop immediately after rain with 1 g Plantomycin per litre of water in sunny days.

PULSESES: This is the time for sowing of pre-rabi Black gram (Biri) and Green gram (Mung). Grow high yielding varieties like T 9, PU 11, PU 19 and PU 30 for black gram; and K 851, PDM 11, PDM 54, OUM 115 for green gram. Use 10 kg seeds/acre. Before sowing, seeds are to be treated with the Rhizobium culture. Apply 4 kg urea, 35 kg DAP and 13 kg MOP per acre during final land preparation. Sow the seeds in line of 30 cm apart with 10-15 cm plant to plant distance.

Maize Stem borer may attack the crop at this stage. Spray 80ml chlorantraniliprole 18.5 SC or 60ml flubendiamide 39.35 SC per acre crop area mixing with 200lit of water. There may be aphids incidence in maize due to high humidity and cloudy condition, if observe spray Dimethoate 30% EC @ 2 ml/litre of water in sunny days. If leaf Blight disease found in maize crop, to manage this disease Spray Mancozeb 75 % WP @ 400-gram/200 litre or Carbendazim 12 % + Mancozeb 63 % WP @ 400-gram/200 litre of water. At 30 days age apply 40 kg urea / ac as second dose of nitrogen.

VEGETABLES:

The vegetable nursery should be covered with white polythene to protect it. This is best time to raise nursery for cole crops like cabbage and cauliflower. There is a chance of occurrence of damping off disease in vegetable nursery due to rainfall in last week. To control immediately drain out excess water from the field and go for soil drenching with metalaxyl @ 2 ml/ l. Apply 1.5g Streptocycline + 25 g Copper Oxychloride in 10 litre water to prevent wilting in vegetables Spray 400gm (Metalaxyl + Mancozeb) or 300gm Chlorothalonil in 200 liter water to prevent bitter gourd and pointed gourd from leaf spot, Stem rot & Downy mildew diseases. To control Fruit and shoot borer in Brinjal and Okra, Spray Neem based pesticide 1500ppm @600ml/acre at initial stages. Later on go for alternate spray of Spinosad 45% SC @70ml/acre and Thiodicarb@300g/acre at 15 days interval. In Chili, thrips may be seen. So, apply Ethion 50% EC @ 400ml/ acre or Imidacloprid 17.8% SL @ 60 ml/acre. Go for sowing of tomato using resistant varieties like BT-2, BT-10, BT-12, etc.

Fruits:

To prevent the spread of viral diseases transmitted by aphids spray dimethoate 2 ml of per lit of water. In light soils for the prevention of nematodes apply 25 g carbofuran granules for each plant at a distance of 10 cm away from the plant and cover with the soil. Present weather conditions are favourable for the incidence of foot rot in Papaya. To control go for soil drenching around the base of the stem with Metalaxyl @ 2g/L.

Animal husbandry: Keep animal shed and shelter house free from water logging by keeping it dry and free from weed. Fresh and immature leaves should not to be fed more amount as they may cause diarrhea. If grasses were cut in morning or evening time, it can be sun dried for about 30 minute before feeding.

Mrs. Sujata Sethy
(Nodal officer)



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Bulletin No.-132
Date- 13/10/2020

AGROMET ADVISORY BULLETIN FOR CUTTACK SADAR
District Past week weather condition and Block past Rainfall condition

The block received 06 mm and district received 14 mm rainfall during the last week. The mean daily maximum and minimum temperature was 34°C and 24°C, respectively. Mean relative humidity of the district was around 90-81%. **According to NDVI map (30.09.2020 to 10.06.2020) the agriculture vigor was less to moderate over few places of Cuttack district whereas according to SPI value (cumulative 4 weeks-10 September 2020 to 07 October 2020), mildly dry condition was there.**

Forecasted period: 14th October 2020 to 18th October 2020

Weather advisory: **Light to moderate rainfall is forecasted for today and very light to light rainfall is forecasted for next 4 days in the block.** The day temperature will be 30-32°C and night temperature will be 23-24°C for upcoming 5 days. Maximum and minimum relative humidity will be 94-96% and 69-78% respectively. There will be partly cloudy to overcast sky for next 5 days. **As per extended range outlook there will be above normal rainfall (+181%) in Odisha condition for subsequent week (18-24 October 2020)**

Block	Cuttack sadar (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	14/10/2020	15/10/2020	16/10/2020	17/10/2020	18/10/2020
Rainfall(mm)	18	4	5	4	3
T-Max(°C)	31	30	31	31	32
T-Min(°C)	24	24	23	24	24
Cloud Cover(octa)	8	8	8	7	5
RH Max (%)	95	96	94	94	95
RH Min (%)	72	78	69	71	71
Wind Speed (Kmph)	17	10	7	8	8
Wind Direction (deg)	72	71	90	90	26

Agromet Advisory

General Advisory: Watch for rain before applying pesticides and fertilizers. If necessary apply only when sky becomes clear and use sticker to the spray solution for pesticides. In fallow uplands, utilizing recent rainfall farmers should take up short duration low water requiring crops like black gram, green gram, sesame, fodder etc and also go for raising of nursery for rabi vegetables should be started. Farmers may go for harvesting of 80-85% matured early duration rice varieties/direct sown rice in the upcoming sunny days.

Kharif Rice: Maintain about 5-6cm standing water during tillering to panicle initiation stage. At PI stage apply 13kg urea with 10kg MOP in short duration varieties and 18kg urea with 15kg MOP in medium and long duration varieties per acre. If yellow stem borer found in field, spray the crop with Rynaxypyr 20% SC @ 0.3 ml/litre of water or Acephate 75% SP @ 1.5 g/litre of water. Present weather may cause blast in rice, if observe spray with Tebuconazole 50% + Trifloxystrobin 25% @ 0.4 g/litre of water or Carbendazim 50% WP @ 1.5 g/litre of water. Chances of gundhi bug incidence for crop at milking stage. If observe spray Ethofenoprox 10% EC @ 1 ml/litre of water. Cloudy weather with drizzling may result occurrence of bacterial leaf blight in rice. It is advised to spray the crop immediately after rain with 1 g Plantomycin per litre of water in sunny days.

PULSES:

This is the time for sowing of pre-rabi Black gram (Biri) and Green gram (Mung). Grow high yielding varieties like T 9, PU 11, PU 19 and PU 30 for black gram; and K 851, PDM 11, PDM 54, OUM 115 for green gram. Use 10 kg seeds/acre. Before sowing, seeds are to be treated with the Rhizobium culture. Apply 4 kg urea, 35 kg DAP and 13 kg MOP per acre during final land preparation. Sow the seeds in line of 30 cm apart with 10-15 cm plant to plant distance.

Sugarcane: Remove the borer affected tillers and late formed tillers, tie the cane shoot with two or three together with partially dried lower leaves. Present weather conditions are favourable for the incidence of **ring spot disease** in Sugarcane. To control go for spraying of copperoxychloride @ 3g/l (or) Carbendazim @ 1g/l (or) Mancozeb @ 3g/l for three times once in three weeks. For **Wilt disease**, drain out excess water and go for spot drenching with Carbendazim @ 1 g/l. If the incidence of disease is severe don't go for rationing. **Red rot** disease may occur at this stage of crop. Uproot and destroy the infested plant. Spray 400g carbendazim @ 2g/lit water per acre crop area.

VEGETABLES:

The vegetable nursery should be covered with white polythene to protect it. This is best time to raise nursery for cole crops like cabbage and cauliflower. There is a chance of occurrence of **damping off disease in vegetable nursery** due to rainfall in last week. To control immediately drain out excess water from the field and go for soil drenching with metalaxyl @ 2 ml/ l. Apply 1.5g Streptocycline + 25 g Copper Oxychloride in 10 litre water to prevent **wilting** in vegetables Spray 400gm (Metalaxyl + Mancozeb) or 300gm Chlorothalonil in 200 liter water to prevent **bitter gourd and pointed gourd from leaf spot, Stem rot & Downy mildew diseases**. To control **Fruit and shoot borer in Brinjal and Okra**, Spray Neem based pesticide 1500ppm @ 600ml/acre at initial stages. Later on go for alternate spray of Spinosad 45% SC @ 70ml/acre and Thiodicarb @ 300g/acre at 15 days interval. In Chilli, thrips may be seen. So, apply Ethion 50% EC @ 400ml/ acre or Imidacloprid 17.8% SL @ 60 ml/acre. Go for sowing of tomato using resistant varieties like BT-2, BT-10, BT-12, etc.

Fruits: To prevent the spread of **viral diseases transmitted by aphids** spray dimethoate 2 ml of per lit of water. In light soils for the prevention of **neematodes** apply 25 g carbofuran granules for each plant at a distance of 10 cm away from the plant and cover with the soil. Present weather conditions are favourable for the incidence of **foot rot in Papaya**. To control go for soil drenching around the base of the stem with Metalaxyl @ 2g/L.

Animal husbandry: Keep animal shed and shelter house free from water logging by keeping it dry and free from weed. Fresh and immature leaves should not to be fed more amount as they may cause diarrhea. If grasses were cut in morning or evening time, it can be sun dried for about 30 minute before feeding.

Mrs. Sujata Sethy
(Nodal officer)



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Bulletin No.-132
Date- 13/10/2020

AGROMET ADVISORY BULLETIN FOR KANTAPADA

District Past week weather condition and Block past Rainfall condition

The block received 19 mm and district received 14 mm rainfall during the last week. The mean daily maximum and minimum temperature was 34°C and 24°C, respectively. Mean relative humidity of the district was around 90-81%. According to NDVI map (30.09.2020 to 10.06.2020) the agriculture vigor was less to moderate over few places of Cuttack district whereas according to SPI value (cumulative 4 weeks-10 September 2020 to 07 October 2020), mildly dry condition was there.

Forecasted period: 14th October 2020 to 18th October 2020

Weather advisory: Light to moderate rainfall is forecasted for today and very light to light rainfall is forecasted for next 4 days in the block. The day temperature will be 30-32°C and night temperature will be 24-25°C for upcoming 5 days. Maximum and minimum relative humidity will be 93-95% and 66-76% respectively. There will be partly cloudy to overcast sky for next 5 days. As per extended range outlook there will be above normal rainfall (+181%) in Odisha condition for subsequent week (18-24 October 2020).

Block	Kantapada (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	14/10/2020	15/10/2020	16/10/2020	17/10/2020	18/10/2020
Rainfall(mm)	20	8	6	4	3
T-Max(°C)	30	30	32	32	32
T-Min(°C)	25	24	24	24	24
Cloud Cover(octa)	8	8	8	7	5
RH Max (%)	94	93	93	94	95
RH Min (%)	76	75	66	66	68
Wind Speed (Kmph)	16	8	6	9	9
Wind Direction (deg)	72	77	18	109	23

Agromet Advisory

General Advisory: Watch for rain before applying pesticides and fertilizers. If necessary apply only when sky becomes clear and use sticker to the spray solution for pesticides. In fallow uplands, utilizing recent rainfall farmers should take up short duration low water requiring crops like black gram, green gram, sesame, fodder etc and also go for raising of nursery for rabi vegetables should be started. Farmers may go for harvesting of 80-85% matured early duration rice varieties/direct sown rice in the upcoming sunny days.

Kharif Rice: Maintain about 5-6cm standing water during tillering to panicle initiation stage. At PI stage apply 13kg urea with 10kg MOP in short duration varieties and 18kg urea with 15kg MOP in medium and long duration varieties per acre. If yellow stem borer found in field, spray the crop with Rynaxypyr 20% SC @ 0.3 ml/litre of water or Acephate 75% SP @ 1.5 g/litre of water. Present weather may cause blast in rice, if observe spray with Tebuconazole 50% + Trifloxystrobin 25% @ 0.4 g/litre of water or Carbendazim 50% WP @ 1.5 g/litre of water. Chances of gundhi bug incidence for crop at milking stage. If observe spray Ethofenoprox 10% EC @ 1 ml/litre of water. Cloudy weather with drizzling may result occurrence of bacterial leaf blight in rice. It is advised to spray the crop immediately after rain with 1 g Plantomycin per litre of water in sunny days.

PULSES: This is the time for sowing of pre-rabi Black gram (Biri) and Green gram (Mung). Grow high yielding varieties like T 9, PU 11, PU 19 and PU 30 for black gram; and K 851, PDM 11, PDM 54, OUM 115 for green gram. Use 10 kg seeds/acre. Before sowing, seeds are to be treated with the Rhizobium culture. Apply 4 kg urea, 35 kg DAP and 13 kg MOP per acre during final land preparation. Sow the seeds in line of 30 cm apart with 10-15 cm plant to plant distance.

Sugarcane: Remove the borer affected tillers and late formed tillers, tie the cane shoot with two or three together with partially dried lower leaves. Present weather conditions are favourable for the incidence of ring spot disease in Sugarcane. To control go for spraying of copperoxychloride @ 3g/l (or) Carbendazim @ 1g/l (or) Mancozeb @3g/l for three times once in three weeks. For Wilt disease, drain out excess water and go for spot drenching with Carbendazim @ 1 g/l. If the incidence of disease is severe don't go for rationing. Red rot disease may occur at this stage of crop. Uproot and destroy the infested plant. Spray 400g carbendazim @2g/lit water per acre crop area.

VEGETABLES:

The vegetable nursery should be covered with white polythene to protect it. This is best time to raise nursery for cole crops like cabbage and cauliflower. There is a chance of occurrence of damping off disease in vegetable nursery due to rainfall in last week. To control immediately drain out excess water from the field and go for soil drenching with metalaxyl @ 2 ml/ l. Apply 1.5g Streptocycline + 25 g Copper Oxychloride in 10 litre water to prevent wilting in vegetables Spray 400gm (Metalaxyl + Mancozeb) or 300gm Chlorothalonil in 200 liter water to prevent bitter gourd and pointed gourd from leaf spot, Stem rot & Downy mildew diseases. To control Fruit and shoot borer in Brinjal and Okra, Spray Neem based pesticide 1500ppm @600ml/acre at initial stages. Later on go for alternate spray of Spinosad 45% SC @70ml/acre and Thiodicarb@300g/acre at 15 days interval. In Chili, thrips may be seen. So, apply Ethion 50% EC @ 400ml/ acre or Imidacloprid 17.8% SL @ 60 ml/acre. Go for sowing of tomato using resistant varieties like BT-2, BT-10, BT-12, etc.

Fruits: To prevent the spread of viral diseases transmitted by aphids spray dimethoate 2 ml of per lit of water. In light soils for the prevention of nematodes apply 25 g carbofuran granules for each plant at a distance of 10 cm away from the plant and cover with the soil. Present weather conditions are favourable for the incidence of foot rot in Papaya. To control go for soil drenching around the base of the stem with Metalaxyl @ 2g/L.

Animal husbandry: Keep animal shed and shelter house free from water logging by keeping it dry and free from weed. Fresh and immature leaves should not be fed more amount as they may cause diarrhea. If grasses were cut in morning or evening time, it can be sun dried for about 30 minute before feeding.

Mrs. Sujata Sethy
 (Nodal officer)



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Bulletin No.-132
Date- 13/10/2020

AGROMET ADVISORY BULLETIN FOR MAHANGA

District Past week weather condition and Block past Rainfall condition

The block received 05 mm and district received 14 mm rainfall during the last week. The mean daily maximum and minimum temperature was 34°C and 24°C, respectively. Mean relative humidity of the district was around 90-81%. **According to NDVI map (30.09.2020 to 10.06.2020) the agriculture vigor was less to moderate over few places of Cuttack district whereas according to SPI value (cumulative 4 weeks-10 September 2020 to 07 October 2020), mildly dry condition was there.**

Forecasted period: 14th October 2020 to 18th October 2020

Weather advisory: Light to moderate rainfall is forecasted for today and very light to light rainfall is forecasted for next 4 days in the block. The day temperature will be 29-32°C and night temperature will be 24-25°C for upcoming 5 days. Maximum and minimum relative humidity will be 94-96% and 68-79% respectively. There will be partly cloudy to overcast sky for next 5 days. **As per extended range outlook there will be above normal rainfall (+181%) in Odisha condition for subsequent week (18-24 October 2020).**

Block	Mahanga (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	14/10/2020	15/10/2020	16/10/2020	17/10/2020	18/10/2020
Rainfall(mm)	12	6	4	4	3
T-Max(°C)	32	29	31	31	32
T-Min(°C)	25	24	24	24	24
Cloud Cover(octal)	8	8	8	6	6
RH Max (%)	94	96	94	95	95
RH Min (%)	69	79	71	74	68
Wind Speed (Kmph)	17	9	7	9	9
Wind Direction (deg)	72	72	45	34	108

Agromet Advisory

General Advisory: Watch for rain before applying pesticides and fertilizers. If necessary apply only when sky becomes clear and use sticker to the spray solution for pesticides. In fallow uplands, utilizing recent rainfall farmers should take up short duration low water requiring crops like black gram, green gram, sesame, fodder etc and also go for raising of nursery for rabi vegetables should be started. Farmers may go for harvesting of 80-85% matured early duration rice varieties/direct sown rice in the upcoming sunny days.

Kharif Rice: Maintain about 5-6cm standing water during tillering to panicle initiation stage. At PI stage apply 13kg urea with 10kg MOP in short duration varieties and 18kg urea with 15kg MOP in medium and long duration varieties per acre. If yellow stem borer found in field, spray the crop with Rynaxypyr 20% SC @ 0.3 ml/litre of water or Acephate 75% SP @ 1.5 g/litre of water. Present weather may cause blast in rice, if observe spray with Tebuconazole 50% + Trifloxystrobin 25% @ 0.4 g/litre of water or Carbendazim 50% WP @ 1.5 g/litre of water. Chances of gundhi bug incidence for crop at milking stage. If observe spray Ethofenoprox 10% EC @ 1 ml/litre of water. Cloudy weather with drizzling may result occurrence of bacterial leaf blight in rice. It is advised to spray the crop immediately after rain with 1 g Plantomycin per litre of water in sunny days.

PULSES:

This is the time for sowing of pre-rabi Black gram (Biri) and Green gram (Mung). Grow high yielding varieties like T 9, PU 11, PU 19 and PU 30 for black gram; and K 851, PDM 11, PDM 54, OUM 115 for green gram. Use 10 kg seeds/acre. Before sowing, seeds are to be treated with the Rhizobium culture. Apply 4 kg urea, 35 kg DAP and 13 kg MOP per acre during final land preparation. Sow the seeds in line of 30 cm apart with 10-15 cm plant to plant distance.

Sugarcane: Remove the borer affected tillers and late formed tillers, tie the cane shoot with two or three together with partially dried lower leaves. Present weather conditions are favourable for the incidence of **ring spot disease** in Sugarcane. To control go for spraying of copperoxychloride @ 3g/l (or) Carbendazim @ 1g/l (or) Mancozeb @ 3g/l for three times once in three weeks. For **Wilt disease**, drain out excess water and go for spot drenching with Carbendazim @ 1 g/l. If the incidence of disease is severe don't go for rationing. **Red rot** disease may occur at this stage of crop. Uproot and destroy the infested plant. Spray 400g carbendazim @ 2g/lit water per acre crop area.

VEGETABLES:

The vegetable nursery should be covered with white polythene to protect it. This is best time to raise nursery for cole crops like cabbage and cauliflower. There is a chance of occurrence of **damping off disease in vegetable nursery** due to rainfall in last week. To control immediately drain out excess water from the field and go for soil drenching with metalaxyl @ 2 ml/ l. Apply 1.5g Streptocycline + 25 g Copper Oxychloride in 10 litre water to prevent **wilting** in vegetables Spray 400gm (Metalaxyl + Mancozeb) or 300gm Chlorothalonil in 200 liter water to prevent **bitter gourd and pointed gourd from leaf spot, Stem rot & Downy mildew diseases**. To control **Fruit and shoot borer in Brinjal and Okra**, Spray Neem based pesticide 1500ppm @ 600ml/acre at initial stages. Later on go for alternate spray of Spinosad 45% SC @ 70ml/acre and Thiodicarb @ 300g/acre at 15 days interval. In Chilli, thrips may be seen. So, apply Ethion 50% EC @ 400ml/ acre or Imidacloprid 17.8% SL @ 60 ml/acre. Go for sowing of tomato using resistant varieties like BT-2, BT-10, BT-12, etc.

Fruits: To prevent the spread of **viral diseases transmitted by aphids** spray dimethoate 2 ml of per lit of water. In light soils for the prevention of **neematodes** apply 25 g carbofuran granules for each plant at a distance of 10 cm away from the plant and cover with the soil. Present weather conditions are favourable for the incidence of **foot rot in Papaya**. To control go for soil drenching around the base of the stem with Metalaxyl @ 2g/L.

Animal husbandry: Keep animal shed and shelter house free from water logging by keeping it dry and free from weed. Fresh and immature leaves should not be fed more amount as they may cause diarrhea. If grasses were cut in morning or evening time, it can be sun dried for about 30 minute before feeding.

Mrs. Sujata Sethy
(Nodal officer)



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Bulletin No.-132
Date- 13/10/2020

AGROMET ADVISORY BULLETIN FOR NARASINGHPUR
District Past week weather condition and Block past Rainfall condition

The block received 02 mm and district received 14 mm rainfall during the last week. The mean daily maximum and minimum temperature was 34°C and 24°C, respectively. Mean relative humidity of the district was around 90-81%. **According to NDVI map (30.09.2020 to 10.06.2020) the agriculture vigor was less to moderate over few places of Cuttack district whereas according to SPI value (cumulative 4 weeks-10 September 2020 to 07 October 2020), mildly dry condition was there.**

Forecasted period: 14th October 2020 to 18th October 2020

Weather advisory: Light to moderate rainfall is forecasted for today and very light to light rainfall is forecasted for next 4 days in the block. The day temperature will be 28-31°C and night temperature will be 22-23°C for upcoming 5 days. Maximum and minimum relative humidity will be 96-98% and 72-84% respectively. There will be partly cloudy to overcast sky for next 5 days. **As per extended range outlook there will be above normal rainfall (+181%) in Odisha condition for subsequent week (18-24 October 2020).**

Block	Narasinghpur (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	14/10/2020	15/10/2020	16/10/2020	17/10/2020	18/10/2020
Rainfall(mm)	12	8	4	5	2
T-Max(°C)	29	28	30	30	31
T-Min(°C)	23	22	22	22	22
Cloud Cover(/octa)	8	8	8	7	4
RH Max (%)	98	98	96	97	97
RH Min (%)	84	83	75	72	75
Wind Speed (Kmph)	11	7	5	5	5
Wind Direction (deg)	68	63	108	105	27

Agromet Advisory

General Advisory: Watch for rain before applying pesticides and fertilizers. If necessary apply only when sky becomes clear and use sticker to the spray solution for pesticides. In fallow uplands, utilizing recent rainfall farmers should take up short duration low water requiring crops like black gram, green gram, sesame, fodder etc and also go for raising of nursery for rabi vegetables should be started. Farmers may go for harvesting of 80-85% matured early duration rice varieties/direct sown rice in the upcoming sunny days.

Kharif Rice: Maintain about 5-6cm standing water during tillering to panicle initiation stage. At PI stage apply 13kg urea with 10kg MOP in short duration varieties and 18kg urea with 15kg MOP in medium and long duration varieties per acre. If yellow stem borer found in field, spray the crop with Rynaxypyr 20% SC @ 0.3 ml/litre of water or Acephate 75% SP @ 1.5 g/litre of water. Present weather may cause blast in rice, if observe spray with Tebuconazole 50% + Trifloxystrobin 25% @ 0.4 g/litre of water or Carbendazim 50% WP @ 1.5 g/litre of water. Chances of gundhi bug incidence for crop at milking stage. If observe spray Ethofenoprox 10% EC @ 1 ml/litre of water. Cloudy weather with drizzling may result occurrence of bacterial leaf blight in rice. It is advised to spray the crop immediately after rain with 1 g Plantomycin per litre of water in sunny days.

PULSES:

This is the time for sowing of pre-rabi Black gram (Biri) and Green gram (Mung). Grow high yielding varieties like T 9, PU 11, PU 19 and PU 30 for black gram; and K 851, PDM 11, PDM 54, OUM 115 for green gram. Use 10 kg seeds/acre. Before sowing, seeds are to be treated with the Rhizobium culture. Apply 4 kg urea, 35 kg DAP and 13 kg MOP per acre during final land preparation. Sow the seeds in line of 30 cm apart with 10-15 cm plant to plant distance.

Maize Stem borer may attack the crop at this stage. Spray 80ml chlorantraniliprole 18.5 SC or 60ml flubendiamide 39.35 SC per acre crop area mixing with 200lit of water. There may be **aphids** incidence in maize due to high humidity and cloudy condition, if observe spray Dimethoate 30% EC @ 2 ml/litre of water in sunny days. If **leaf Blight** disease found in maize crop, to manage this disease Spray Mancozeb 75 % WP @ 400-gram/200 litre or Carbendazim 12 % + Mancozeb 63 % WP @ 400-gram/200 litre of water. At 30 days age apply 40 kg urea / ac as second dose of nitrogen.

VEGETABLES:

The vegetable nursery should be covered with white polythene to protect it. This is best time to raise nursery for cole crops like cabbage and cauliflower. There is a chance of occurrence of **damping off disease in vegetable nursery** due to rainfall in last week. To control immediately drain out excess water from the field and go for soil drenching with metalaxyl @ 2 ml/ l. Apply 1.5g Streptocycline + 25 g Copper Oxchloride in 10 litre water to prevent **wilting** in vegetables Spray 400gm (Metalaxyl + Mancozeb) or 300gm Chlorothalonil in 200 liter water to prevent **bitter gourd and pointed gourd from leaf spot, Stem rot & Downy mildew diseases**. To control **Fruit and shoot borer in Brinjal and Okra**, Spray Neem based pesticide 1500ppm @600ml/acre at initial stages. Later on go for alternate spray of Spinosad 45% SC @70ml/acre and Thiodicarb@300g/acre at 15 days interval. In Chili, thrips may be seen. So, apply Ethion 50% EC @ 400ml/ acre or Imidacloprid 17.8% SL @ 60 ml/acre. Go for sowing of tomato using resistant varieties like BT-2, BT-10, BT-12, etc.

Fruits:

To prevent the spread of **viral diseases transmitted by aphids** spray dimethoate 2 ml of per lit of water. In light soils for the prevention of **neematodes** apply 25 g carbofuran granules for each plant at a distance of 10 cm away from the plant and cover with the soil. Present weather conditions are favourable for the incidence of **foot rot in Papaya**. To control go for soil drenching around the base of the stem with Metalaxyl @ 2g/L.

Animal husbandry: Keep animal shed and shelter house free from water logging by keeping it dry and free from weed. Fresh and immature leaves should not to be fed more amount as they may cause diarrhea. If grasses were cut in morning or evening time, it can be sun dried for about 30 minute before feeding.

Mrs. Sujata Sethy
 (Nodal officer)



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Bulletin No.-132
Date- 13/10/2020

AGROMET ADVISORY BULLETIN FOR NIALI

District Past week weather condition and Block past Rainfall condition

The block received 70 mm and district received 14 mm rainfall during the last week. The mean daily maximum and minimum temperature was 34°C and 24°C, respectively. Mean relative humidity of the district was around 90-81%. According to NDVI map (30.09.2020 to 10.06.2020) the agriculture vigor was less to moderate over few places of Cuttack district whereas according to SPI value (cumulative 4 weeks-10 September 2020 to 07 October 2020), mildly dry condition was there.

Forecasted period: 14th October 2020 to 18th October 2020

Weather advisory: Light to moderate rainfall is forecasted for today and very light to light rainfall is forecasted for next 4 days in the block. The day temperature will be 30-32°C and night temperature will be 24-25°C for upcoming 5 days. Maximum and minimum relative humidity will be 92-95% and 66-76% respectively. There will be partly cloudy to overcast sky for next 5 days. As per extended range outlook there will be above normal rainfall (+181%) in Odisha condition for subsequent week (18-24 October 2020).

Block	Niali (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	14/10/2020	15/10/2020	16/10/2020	17/10/2020	18/10/2020
Rainfall(mm)	21	8	5	4	3
T-Max(°C)	30	30	32	32	32
T-Min(°C)	25	24	24	24	24
Cloud Cover(octa)	8	8	8	7	5
RH Max (%)	92	92	92	93	95
RH Min (%)	76	76	67	66	68
Wind Speed(Kmph)	17	8	6	9	9
Wind Direction(deg)	108	108	23	109	109

Agromet Advisory

General Advisory: Drain out excess water from vegetable nursery and main field. Watch for rain before applying pesticides and fertilizers. If necessary apply only when sky becomes clear and use sticker to the spray solution for pesticides. In fallow uplands, utilizing recent rainfall farmers should take up short duration low water requiring crops like black gram, green gram, sesame, fodder etc and also go for raising of nursery for rabi vegetables should be started. Farmers may go for harvesting of 80-85% matured early duration rice varieties/direct sown rice in the upcoming sunny days.

Kharif Rice: Maintain about 5-6cm standing water during tillering to panicle initiation stage. At PI stage apply 13kg urea with 10kg MOP in short duration varieties and 18kg urea with 15kg MOP in medium and long duration varieties per acre. If yellow stem borer found in field, spray the crop with Rynaxypyr 20% SC @ 0.3 ml/litre of water or Acephate 75% SP @ 1.5 g/litre of water. Present weather may cause blast in rice, if observe spray with Tebuconazole 50% + Trifloxystrobin 25% @ 0.4 g/litre of water or Carbendazim 50% WP @ 1.5 g/litre of water. Chances of gundhi bug incidence for crop at milking stage. If observe spray Ethofenoprox 10% EC @ 1 ml/litre of water. Cloudy weather with drizzling may result occurrence of bacterial leaf blight in rice. It is advised to spray the crop immediately after rain with 1 g Plantomycin per litre of water in sunny days.

PULSES:

This is the time for sowing of pre-rabi Black gram (Biri) and Green gram (Mung). Grow high yielding varieties like T 9, PU 11, PU 19 and PU 30 for black gram; and K 851, PDM 11, PDM 54, OUM 115 for green gram. Use 10 kg seeds/acre. Before sowing, seeds are to be treated with the Rhizobium culture. Apply 4 kg urea, 35 kg DAP and 13 kg MOP per acre during final land preparation. Sow the seeds in line of 30 cm apart with 10-15 cm plant to plant distance.

Sugarcane: Remove the borer affected tillers and late formed tillers, tie the cane shoot with two or three together with partially dried lower leaves. Present weather conditions are favourable for the incidence of ring spot disease in Sugarcane. To control go for spraying of copperoxychloride @ 3g/l (or) Carbendazim @ 1g/l (or) Mancozeb @ 3g/l for three times once in three weeks. For Wilt disease, drain out excess water and go for spot drenching with Carbendazim @ 1 g/l. If the incidence of disease is severe don't go for rationing. Red rot disease may occur at this stage of crop. Uproot and destroy the infested plant. Spray 400g carbendazim @ 2g/lit water per acre crop area.

VEGETABLES:

The vegetable nursery should be covered with white polythene to protect it. This is best time to raise nursery for cole crops like cabbage and cauliflower. There is a chance of occurrence of damping off disease in vegetable nursery due to rainfall in last week. To control immediately drain out excess water from the field and go for soil drenching with metalaxyl @ 2 ml/ l. Apply 1.5g Streptocycline + 25 g Copper Oxychloride in 10 litre water to prevent wilting in vegetables Spray 400gm (Metalaxyl + Mancozeb) or 300gm Chlorothalonil in 200 liter water to prevent bitter gourd and pointed gourd from leaf spot, Stem rot & Downy mildew diseases. To control Fruit and shoot borer in Brinjal and Okra, Spray Neem based pesticide 1500ppm @ 600ml/acre at initial stages. Later on go for alternate spray of Spinosad 45% SC @ 70ml/acre and Thiodicarb @ 300g/acre at 15 days interval. In Chilli, thrips may be seen. So, apply Ethion 50% EC @ 400ml/ acre or Imidacloprid 17.8% SL @ 60 ml/acre. Go for sowing of tomato using resistant varieties like BT-2, BT-10, BT-12, etc.

Fruits: To prevent the spread of viral diseases transmitted by aphids spray dimethoate 2 ml of per lit of water. In light soils for the prevention of nematodes apply 25 g carbofuran granules for each plant at a distance of 10 cm away from the plant and cover with the soil. Present weather conditions are favourable for the incidence of foot rot in Papaya. To control go for soil drenching around the base of the stem with Metalaxyl @ 2g/L.

Animal husbandry: Keep animal shed and shelter house free from water logging by keeping it dry and free from weed. Fresh and immature leaves should not to be fed more amount as they may cause diarrhea. If grasses were cut in morning or evening time, it can be sun dried for about 30 minute before feeding.

Mrs. Sujata Sethy
(Nodal officer)



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Bulletin No.-132
Date- 13/10/2020

AGROMET ADVISORY BULLETIN FOR NISCHINTAKOILI

District Past week weather condition and Block past Rainfall condition

The block received 14 mm and district received 14 mm rainfall during the last week. The mean daily maximum and minimum temperature was 34°C and 24°C, respectively. Mean relative humidity of the district was around 90-81%. According to NDVI map (30.09.2020 to 10.06.2020) the agriculture vigor was less to moderate over few places of Cuttack district whereas according to SPI value (cumulative 4 weeks-10 September 2020 to 07 October 2020), mildly dry condition was there.

Forecasted period: 14th October 2020 to 18th October 2020

Weather advisory: Light to moderate rainfall is forecasted for today and very light to light rainfall is forecasted for next 4 days in the block. The day temperature will be 30-32°C and night temperature will be 24-25°C for upcoming 5 days. Maximum and minimum relative humidity will be 94-95% and 68-78% respectively. There will be partly cloudy to overcast sky for next 5 days. As per extended range outlook there will be above normal rainfall (+181%) in Odisha condition for subsequent week (18-24 October 2020).

Block	Nischintakoili (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	14/10/2020	15/10/2020	16/10/2020	17/10/2020	18/10/2020
Rainfall(mm)	14	6	5	3	2
T-Max(°C)	31	30	31	31	32
T-Min(°C)	25	24	24	24	24
Cloud Cover(octa)	8	8	8	6	6
RH Max (%)	94	95	94	95	95
RH Min (%)	70	78	70	72	68
Wind Speed (Kmph)	17	8	7	9	9
Wind Direction (deg)	72	77	27	109	108

Agromet Advisory

General Advisory: Watch for rain before applying pesticides and fertilizers. If necessary apply only when sky becomes clear and use sticker to the spray solution for pesticides. In fallow uplands, utilizing recent rainfall farmers should take up short duration low water requiring crops like black gram, green gram, sesame, fodder etc and also go for raising of nursery for rabi vegetables should be started. Farmers may go for harvesting of 80-85% matured early duration rice varieties/direct sown rice in the upcoming sunny days.

Kharif Rice: Maintain about 5-6cm standing water during tillering to panicle initiation stage. At PI stage apply 13kg urea with 10kg MOP in short duration varieties and 18kg urea with 15kg MOP in medium and long duration varieties per acre. If yellow stem borer found in field, spray the crop with Rynaxypyr 20% SC @ 0.3 ml/litre of water or Acephate 75% SP @ 1.5 g/litre of water. Present weather may cause blast in rice, if observe spray with Tebuconazole 50% + Trifloxystrobin 25% @ 0.4 g/litre of water or Carbendazim 50% WP @ 1.5 g/litre of water. Chances of gundhi bug incidence for crop at milking stage. If observe spray Ethofenoprox 10% EC @ 1 ml/litre of water. Cloudy weather with drizzling may result occurrence of bacterial leaf blight in rice. It is advised to spray the crop immediately after rain with 1 g Plantomycin per litre of water in sunny days.

PULSES:

This is the time for sowing of pre-rabi Black gram (Biri) and Green gram (Mung). Grow high yielding varieties like T 9, PU 11, PU 19 and PU 30 for black gram; and K 851, PDM 11, PDM 54, OUM 115 for green gram. Use 10 kg seeds/acre. Before sowing, seeds are to be treated with the Rhizobium culture. Apply 4 kg urea, 35 kg DAP and 13 kg MOP per acre during final land preparation. Sow the seeds in line of 30 cm apart with 10-15 cm plant to plant distance.

Sugarcane: Remove the borer affected tillers and late formed tillers, tie the cane shoot with two or three together with partially dried lower leaves. Present weather conditions are favourable for the incidence of ring spot disease in Sugarcane. To control go for spraying of copperoxychloride @ 3g/l (or) Carbendazim @ 1g/l (or) Mancozeb @ 3g/l for three times once in three weeks. For Wilt disease, drain out excess water and go for spot drenching with Carbendazim @ 1 g/l. If the incidence of disease is severe don't go for rationing. Red rot disease may occur at this stage of crop. Uproot and destroy the infested plant. Spray 400g carbendazim @ 2g/lit water per acre crop area.

VEGETABLES:

The vegetable nursery should be covered with white polythene to protect it. This is best time to raise nursery for cole crops like cabbage and cauliflower. There is a chance of occurrence of damping off disease in vegetable nursery due to rainfall in last week. To control immediately drain out excess water from the field and go for soil drenching with metalaxyl @ 2 ml/ l. Apply 1.5g Streptocycline + 25 g Copper Oxychloride in 10 litre water to prevent wilting in vegetables. Spray 400gm (Metalaxyl + Mancozeb) or 300gm Chlorothalonil in 200 liter water to prevent bitter gourd and pointed gourd from leaf spot, Stem rot & Downy mildew diseases. To control Fruit and shoot borer in Brinjal and Okra, Spray Neem based pesticide 1500ppm @ 600ml/acre at initial stages. Later on go for alternate spray of Spinosad 45% SC @ 70ml/acre and Thiodicarb @ 300g/acre at 15 days interval. In Chilli, thrips may be seen. So, apply Ethion 50% EC @ 400ml/ acre or Imidacloprid 17.8% SL @ 60 ml/acre. Go for sowing of tomato using resistant varieties like BT-2, BT-10, BT-12, etc.

Fruits: To prevent the spread of viral diseases transmitted by aphids spray dimethoate 2 ml of per lit of water. In light soils for the prevention of nematodes apply 25 g carbofuran granules for each plant at a distance of 10 cm away from the plant and cover with the soil. Present weather conditions are favourable for the incidence of foot rot in Papaya. To control go for soil drenching around the base of the stem with Metalaxyl @ 2g/L.

Animal husbandry: Keep animal shed and shelter house free from water logging by keeping it dry and free from weed. Fresh and immature leaves should not to be fed more amount as they may cause diarrhea. If grasses were cut in morning or evening time, it can be sun dried for about 30 minute before feeding.

Mrs. Sujata Sethy
(Nodal officer)



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Bulletin No.-132
Date- 13/10/2020

AGROMET ADVISORY BULLETIN FOR SALEPUR

District Past week weather condition and Block past Rainfall condition

The block received 07 mm and district received 14 mm rainfall during the last week. The mean daily maximum and minimum temperature was 34°C and 24°C, respectively. Mean relative humidity of the district was around 90-81%. **According to NDVI map (30.09.2020 to 10.06.2020) the agriculture vigor was less to moderate over few places of Cuttack district whereas according to SPI value (cumulative 4 weeks-10 September 2020 to 07 October 2020), mildly dry condition was there.**

Forecasted period: 14th October 2020 to 18th October 2020

Weather advisory: Light to moderate rainfall is forecasted for today and very light to light rainfall is forecasted for next 4 days in the block. The day temperature will be 30-32°C and night temperature will be 24-25°C for upcoming 5 days. Maximum and minimum relative humidity will be 94-95% and 68-78% respectively. There will be partly cloudy to overcast sky for next 5 days. **As per extended range outlook there will be above normal rainfall (+181%) in Odisha condition for subsequent week (18-24 October 2020).**

Block	Salepur (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	14/10/2020	15/10/2020	16/10/2020	17/10/2020	18/10/2020
Rainfall(mm)	16	7	5	3	4
T-Max(°C)	32	30	31	31	32
T-Min(°C)	25	24	24	24	24
Cloud Cover(octa)	8	8	8	6	6
RH Max (%)	94	95	94	95	95
RH Min (%)	71	78	70	73	68
Wind Speed (Kmph)	17	9	7	9	9
Wind Direction (deg)	72	72	27	109	108

Agromet Advisory

General Advisory: Watch for rain before applying pesticides and fertilizers. If necessary apply only when sky becomes clear and use sticker to the spray solution for pesticides. In fallow uplands, utilizing recent rainfall farmers should take up short duration low water requiring crops like black gram, green gram, sesame, fodder etc and also go for raising of nursery for rabi vegetables should be started. Farmers may go for harvesting of 80-85% matured early duration rice varieties/direct sown rice in the upcoming sunny days.

Kharif Rice: Maintain about 5-6cm standing water during tillering to panicle initiation stage. At PI stage apply 13kg urea with 10kg MOP in short duration varieties and 18kg urea with 15kg MOP in medium and long duration varieties per acre. If yellow stem borer found in field, spray the crop with Rynaxypyr 20% SC @ 0.3 ml/litre of water or Acephate 75% SP @ 1.5 g/litre of water. Present weather may cause blast in rice, if observe spray with Tebuconazole 50% + Trifloxystrobin 25% @ 0.4 g/litre of water or Carbendazim 50% WP @ 1.5 g/litre of water. Chances of gundhi bug incidence for crop at milking stage. If observe spray Ethofenoprox 10% EC @ 1 ml/litre of water. Cloudy weather with drizzling may result occurrence of bacterial leaf blight in rice. It is advised to spray the crop immediately after rain with 1 g Plantomycin per litre of water in sunny days.

PULSES:

This is the time for sowing of pre-rabi Black gram (Biri) and Green gram (Mung). Grow high yielding varieties like T 9, PU 11, PU 19 and PU 30 for black gram; and K 851, PDM 11, PDM 54, OUM 115 for green gram. Use 10 kg seeds/acre. Before sowing, seeds are to be treated with the Rhizobium culture. Apply 4 kg urea, 35 kg DAP and 13 kg MOP per acre during final land preparation. Sow the seeds in line of 30 cm apart with 10-15 cm plant to plant distance.

Maize Stem borer may attack the crop at this stage. Spray 80ml chlorantraniliprole 18.5 SC or 60ml flubendiamide 39.35 SC per acre crop area mixing with 200lit of water. There may be **aphids** incidence in maize due to high humidity and cloudy condition, if observe spray Dimethoate 30% EC @ 2 ml/ litre of water in sunny days. If **leaf Blight** disease found in maize crop, to manage this disease Spray Mancozeb 75 % WP @ 400-gram/200 litre or Carbendazim 12 % + Mancozeb 63 % WP @ 400-gram/200 litre of water. At 30 days age apply 40 kg urea / ac as second dose of nitrogen.

VEGETABLES:

The vegetable nursery should be covered with white polythene to protect it. This is best time to raise nursery for cole crops like cabbage and cauliflower. There is a chance of occurrence of **damping off disease in vegetable nursery** due to rainfall in last week. To control immediately drain out excess water from the field and go for soil drenching with metalaxyl @ 2 ml/ l. Apply 1.5g Streptocycline + 25 g Copper Oxochloride in 10 litre water to prevent **wilting** in vegetables Spray 400gm (Metalaxyl + Mancozeb) or 300gm Chlorothalonil in 200 liter water to prevent **bitter gourd and pointed gourd from leaf spot, Stem rot & Downy mildew diseases**. To control **Fruit and shoot borer in Brinjal and Okra**, Spray Neem based pesticide 1500ppm @600ml/acre at initial stages. Later on go for alternate spray of Spinosad 45% SC @70ml/acre and Thiodicarb@300g/acre at 15 days interval. In Chilli, thrips may be seen. So, apply Ethion 50% EC @ 400ml/ acre or Imidacloprid 17.8% SL @ 60 ml/acre. Go for sowing of tomato using resistant varieties like BT-2, BT-10, BT-12, etc.

Fruits:

To prevent the spread of **viral diseases transmitted by aphids** spray dimethoate 2 ml of per lit of water. In light soils for the prevention of **neematodes** apply 25 g carbofuran granules for each plant at a distance of 10 cm away from the plant and cover with the soil. Present weather conditions are favourable for the incidence of **foot rot in Papaya**. To control go for soil drenching around the base of the stem with Metalaxyl @ 2g/L.

Animal husbandry: Keep animal shed and shelter house free from water logging by keeping it dry and free from weed. Fresh and immature leaves should not be fed more amount as they may cause diarrhea. If grasses were cut in morning or evening time, it can be sun dried for about 30 minute before feeding.

Mrs. Sujata Sethy
(Nodal officer)



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Bulletin No.-132
Date- 13/10/2020

AGROMET ADVISORY BULLETIN FOR TANGI-CHOUDWAR
District Past week weather condition and Block past Rainfall condition

The block received 03 mm and district received 14 mm rainfall during the last week. The mean daily maximum and minimum temperature was 34°C and 24°C, respectively. Mean relative humidity of the district was around 90-81%. **According to NDVI map (30.09.2020 to 10.06.2020) the agriculture vigor was less to moderate over few places of Cuttack district whereas according to SPI value (cumulative 4 weeks-10September 2020 to 07October 2020), mildly dry condition was there.**

Forecasted period: 14th October 2020 to 18th October 2020

Weather advisory: **Light to moderate rainfall is forecasted for today and very light to light rainfall is forecasted for next 4 days in the block.** The day temperature will be 31-32°C and night temperature will be 26-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 88-90% and 67-76% respectively. There will be partly cloudy to overcast sky for next 5 days. **As per extended range outlook there will be above normal rainfall (+181%) in Odisha condition for subsequent week (18-24 October 2020).**

Block	Tangi-Choudwar (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	14/10/2020	15/10/2020	16/10/2020	17/10/2020	18/10/2020
Rainfall(mm)	13	5	4	2	1
T-Max(°C)	31	31	32	31	32
T-Min(°C)	27	27	26	27	27
Cloud Cover(octa)	8	8	8	6	7
RH Max (%)	89	89	90	88	89
RH Min (%)	75	76	73	74	67
Wind Speed (Kmph)	22	9	8	10	11
Wind Direction (deg)	113	117	117	105	116

Agromet Advisory

General Advisory: Watch for rain before applying pesticides and fertilizers. If necessary apply only when sky becomes clear and use sticker to the spray solution for pesticides. In fallow uplands, utilizing recent rainfall farmers should take up short duration low water requiring crops like black gram, green gram, sesame, fodder etc and also go for raising of nursery for rabi vegetables should be started. Farmers may go for harvesting of 80-85% matured early duration rice varieties/direct sown rice in the upcoming sunny days.

Kharif Rice: Maintain about 5-6cm standing water during tillering to panicle initiation stage. At PI stage apply 13kg urea with 10kg MOP in short duration varieties and 18kg urea with 15kg MOP in medium and long duration varieties per acre. If yellow stem borer found in field, spray the crop with Rynaxypyr 20% SC @ 0.3 ml/litre of water or Acephate 75% SP @ 1.5 g/litre of water. Present weather may cause blast in rice, if observe spray with Tebuconazole 50% + Trifloxystrobin 25% @ 0.4 g/litre of water or Carbendazim 50% WP @ 1.5 g/litre of water. Chances of gundhi bug incidence for crop at milking stage. If observe spray Ethofenprox 10% EC @ 1 ml/litre of water. Cloudy weather with drizzling may result occurrence of bacterial leaf blight in rice. It is advised to spray the crop immediately after rain with 1 g Plantomycin per litre of water in sunny days.

PULSES:

This is the time for sowing of pre-rabi Black gram (Biri) and Green gram (Mung). Grow high yielding varieties like T 9, PU 11, PU 19 and PU 30 for black gram; and K 851, PDM 11, PDM 54, OUM 115 for green gram. Use 10 kg seeds/acre. Before sowing, seeds are to be treated with the Rhizobium culture. Apply 4 kg urea, 35 kg DAP and 13 kg MOP per acre during final land preparation. Sow the seeds in line of 30 cm apart with 10-15 cm plant to plant distance.

Maize Stem borer may attack the crop at this stage. Spray 80ml chlorantraniliprole 18.5 SC or 60ml flubendiamide 39.35 SC per acre crop area mixing with 200lit of water. There may be **aphids** incidence in maize due to high humidity and cloudy condition, if observe spray Dimethoate 30% EC @ 2 ml/ litre of water in sunny days. If **leaf Blight** disease found in maize crop, to manage this disease Spray Mancozeb 75 % WP @ 400-gram/200 litre or Carbendazim 12 % + Mancozeb 63 % WP @ 400-gram/200 litre of water. At 30 days age apply 40 kg urea / ac as second dose of nitrogen.

VEGETABLES:

The vegetable nursery should be covered with white polythene to protect it. This is best time to raise nursery for cole crops like cabbage and cauliflower. There is a chance of occurrence of **damping off disease in vegetable nursery** due to rainfall in last week. To control immediately drain out excess water from the field and go for soil drenching with metalaxyl @ 2 ml/ l. Apply 1.5g Streptocycline + 25 g Copper Oxychloride in 10 litre water to prevent **wilting** in vegetables Spray 400gm (Metalaxyl + Mancozeb) or 300gm Chlorothalonil in 200 liter water to prevent **bitter gourd and pointed gourd from leaf spot, Stem rot & Downy mildew diseases.** To control **Fruit and shoot borer in Brinjal and Okra**, Spray Neem based pesticide 1500ppm @600ml/acre at initial stages. Later on go for alternate spray of Spinosad 45% SC @70ml/acre and Thiodicarb@300g/acre at 15 days interval. In Chilli, thrips may be seen. So, apply Ethion 50% EC @ 400ml/ acre or Imidacloprid 17.8% SL @ 60 ml/acre. Go for sowing of tomato using resistant varieties like BT-2, BT-10, BT-12, etc.

Fruits:

To prevent the spread of **viral diseases transmitted by aphids** spray dimethoate 2 ml of per lit of water. In light soils for the prevention of **neematodes** apply 25 g carbofuran granules for each plant at a distance of 10 cm away from the plant and cover with the soil. Present weather conditions are favourable for the incidence of **foot rot in Papaya**. To control go for soil drenching around the base of the stem with Metalaxyl @ 2g/L.

Animal husbandry: Keep animal shed and shelter house free from water logging by keeping it dry and free from weed. Fresh and immature leaves should not be fed more amount as they may cause diarrhea. If grasses were cut in morning or evening time, it can be sun dried for about 30 minute before feeding.

Mrs. Sujata Sethy
(Nodal officer)



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Bulletin No.-132
Date- 13/10/2020

AGROMET ADVISORY BULLETIN FOR TIGIRIA

District Past week weather condition and Block past Rainfall condition

The block received 03 mm and district received 14 mm rainfall during the last week. The mean daily maximum and minimum temperature was 34°C and 24°C, respectively. Mean relative humidity of the district was around 90-81%. **According to NDVI map (30.09.2020 to 10.06.2020) the agriculture vigor was less to moderate over few places of Cuttack district whereas according to SPI value (cumulative 4 weeks-10September 2020 to 07October 2020), mildly dry condition was there.**

Forecasted period: 14th October 2020 to 18th October 2020

Weather advisory: Light to moderate rainfall is forecasted for today and very light to light rainfall is forecasted for next 4 days in the block. The day temperature will be 29-32°C and night temperature will be 22-23°C for upcoming 5 days. Maximum and minimum relative humidity will be 95-97% and 71-79% respectively. There will be partly cloudy to overcast sky for next 5 days. **As per extended range outlook there will be above normal rainfall (+181%) in Odisha condition for subsequent week (18-24 October 2020).**

Block	Tigiria (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	14/10/2020	15/10/2020	16/10/2020	17/10/2020	18/10/2020
Rainfall(mm)	14	5	4	3	3
00T-Max(°C)	31	29	31	31	32
T-Min(°C)	23	22	22	23	22
Cloud Cover(octa)	8	8	8	7	4
RH Max (%)	97	97	95	96	96
RH Min (%)	78	79	71	72	72
Wind Speed (Kmph)	15	10	7	7	7
Wind Direction (deg)	68	63	90	90	27

Agromet Advisory

General Advisory: Watch for rain before applying pesticides and fertilizers. If necessary apply only when sky becomes clear and use sticker to the spray solution for pesticides. In fallow uplands, utilizing recent rainfall farmers should take up short duration low water requiring crops like black gram, green gram, sesame, fodder etc and also go for raising of nursery for rabi vegetables should be started. Farmers may go for harvesting of 80-85% matured early duration rice varieties/direct sown rice in the upcoming sunny days.

Kharif Rice: Maintain about 5-6cm standing water during tillering to panicle initiation stage. At PI stage apply 13kg urea with 10kg MOP in short duration varieties and 18kg urea with 15kg MOP in medium and long duration varieties per acre. If yellow stem borer found in field, spray the crop with Rynaxypyr 20% SC @ 0.3 ml/litre of water or Acephate 75% SP @ 1.5 g/litre of water. Present weather may cause blast in rice, if observe spray with Tebuconazole 50% + Trifloxystrobin 25% @ 0.4 g/litre of water or Carbendazim 50% WP @ 1.5 g/litre of water. Chances of gundhi bug incidence for crop at milking stage. If observe spray Ethofenoprox 10% EC @ 1 ml/litre of water. Cloudy weather with drizzling may result occurrence of bacterial leaf blight in rice. It is advised to spray the crop immediately after rain with 1 g Plantomycin per litre of water in sunny days.

PULSES:

This is the time for sowing of pre-rabi Black gram (Biri) and Green gram (Mung). Grow high yielding varieties like T 9, PU 11, PU 19 and PU 30 for black gram; and K 851, PDM 11, PDM 54, OUM 115 for green gram. Use 10 kg seeds/acre. Before sowing, seeds are to be treated with the Rhizobium culture. Apply 4 kg urea, 35 kg DAP and 13 kg MOP per acre during final land preparation. Sow the seeds in line of 30 cm apart with 10-15 cm plant to plant distance.

Maize Stem borer may attack the crop at this stage. Spray 80ml chlorantraniliprole 18.5 SC or 60ml flubendiamide 39.35 SC per acre crop area mixing with 200lit of water. There may be **aphids** incidence in maize due to high humidity and cloudy condition, if observe spray Dimethoate 30% EC @ 2 ml/ litre of water in sunny days. If **leaf Blight** disease found in maize crop, to manage this disease Spray Mancozeb 75 % WP @ 400-gram/200 litre or Carbendazim 12 % + Mancozeb 63 % WP @ 400-gram/200 litre of water. At 30 days age apply 40 kg urea / ac as second dose of nitrogen.

VEGETABLES:

The vegetable nursery should be covered with white polythene to protect it. This is best time to raise nursery for cole crops like cabbage and cauliflower. There is a chance of occurrence of **damping off disease in vegetable nursery** due to rainfall in last week. To control immediately drain out excess water from the field and go for soil drenching with metalaxyl @ 2 ml/ l. Apply 1.5g Streptocycline + 25 g Copper Oxochloride in 10 litre water to prevent **wilting** in vegetables Spray 400gm (Metalaxyl + Mancozeb) or 300gm Chlorothalonil in 200 liter water to prevent **bitter gourd and pointed gourd from leaf spot, Stem rot & Downy mildew diseases**. To control **Fruit and shoot borer in Brinjal and Okra**, Spray Neem based pesticide 1500ppm @600ml/acre at initial stages. Later on go for alternate spray of Spinosad 45% SC @70ml/acre and Thiodicarb@300g/acre at 15 days interval. In Chilli, thrips may be seen. So, apply Ethion 50% EC @ 400ml/ acre or Imidacloprid 17.8% SL @ 60 ml/acre. Go for sowing of tomato using resistant varieties like BT-2, BT-10, BT-12, etc.

Fruits:

To prevent the spread of **viral diseases transmitted by aphids** spray dimethoate 2 ml of per lit of water. In light soils for the prevention of **neematodes** apply 25 g carbofuran granules for each plant at a distance of 10 cm away from the plant and cover with the soil. Present weather conditions are favourable for the incidence of **foot rot in Papaya**. To control go for soil drenching around the base of the stem with Metalaxyl @ 2g/L.

Animal husbandry: Keep animal shed and shelter house free from water logging by keeping it dry and free from weed. Fresh and immature leaves should not be fed more amount as they may cause diarrhea. If grasses were cut in morning or evening time, it can be sun dried for about 30 minute before feeding.

Mrs. Sujata Sethy
(Nodal officer)



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