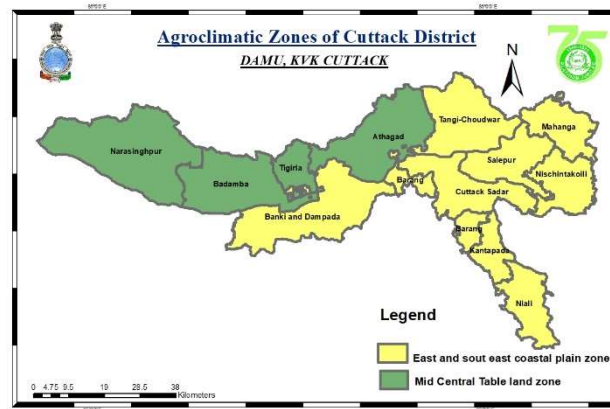


AGROCLIMATIC ZONES OF CUTTACK DISTRICT:



STANDARD PRECIPITATION INDEX AND NDVI MAP

<p align="center">Standardised Precipitation Index for the period 17th September to 14th October 2020</p> <p align="center">MINISTRY OF EARTH SCIENCES INDIA METEOROLOGICAL DEPARTMENT HYDROMET SECTION, CRS PUNE</p> <p align="center">STANDARDIZED PRECIPITATION INDEX FOR THE PERIOD 17 SEPT TO 14 OCT 2020</p> <p align="center">SPI VALUES</p> <ul style="list-style-type: none"> 2.00 OR MORE EXTREMELY WET 1.50 TO 1.99 SEVERELY WET 1.00 TO 1.49 MODERATELY WET 0 TO 0.99 MILDLY WET 0 TO -0.99 MILDLY DRY -1.00 TO -1.49 MODERATELY DRY -1.50 TO -1.99 SEVERELY DRY -2.00 OR LESS EXTREMELY DRY NO DATA 	<p align="center">NOAA/VIIRS/BLENDED NDVI Composite ending on Week no 41 (07.10.2020 to 13.10.2020) over Agricultural region</p> <p align="center">Odisha</p> <ul style="list-style-type: none"> -0.999 - 0 0 - 0.05 0.05 - 0.1 0.1 - 0.15 0.15 - 0.2 0.2 - 0.25 0.25 - 0.3 0.3 - 0.35 0.35 - 0.4 0.4 - 0.45 0.45 - 0.5 0.5 - 0.55 0.55 - 0.6 > 0.6 <p align="center">Agriculture vigor is good over few places of the state.</p> <p align="right">Source: https://www.star.nesdis.noaa.gov</p>
<p align="center">As per SPI value (cumulative 4 weeks - 17 September 2020 to 14 October 2020), Mildly wet condition was there in Cuttack district.</p>	<p align="center">According to NDVI map (07.10.2020 to 13.10.2020) the agriculture vigor was less to moderate over few places of Cuttack district.</p>

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

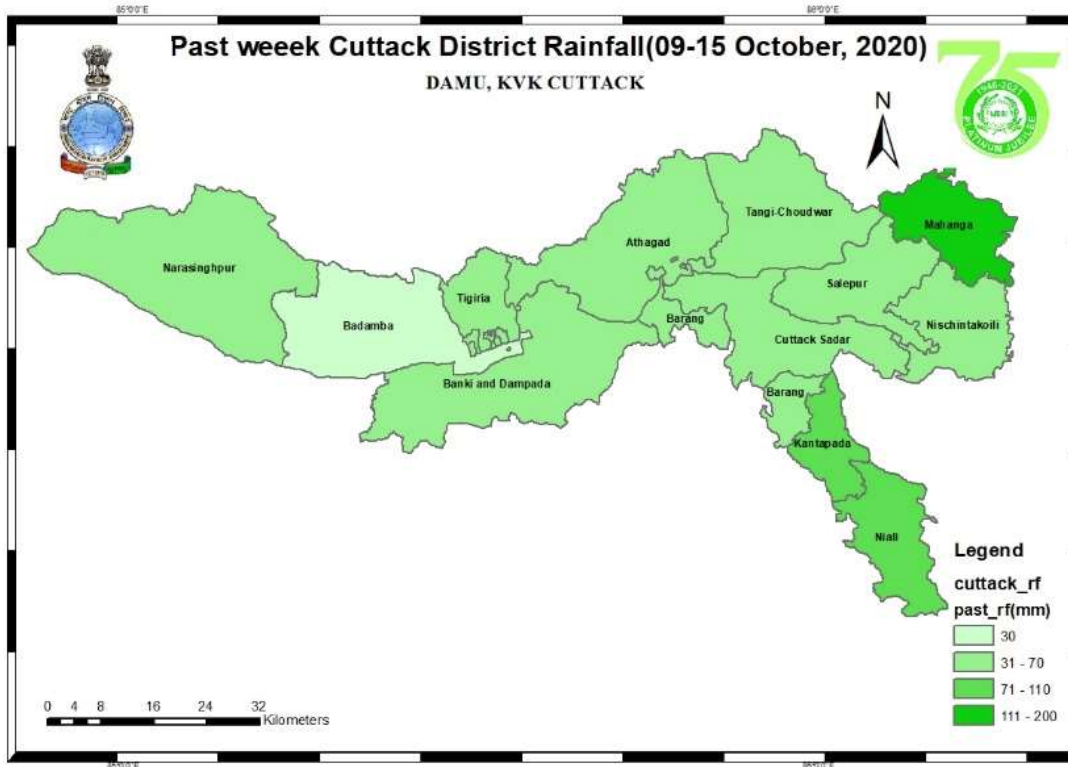




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Bulletin No.-133
Date- 16/10/2020



Extended range outlook for subsequent 1 week (6th to 12th days)
(21st to 27th October 2020)

Met Sub division	Departure (%)	Category
Odisha	246.8	Above normal

Mrs. Sujata Sethy
 (Nodal officer)



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Bulletin No.-133
Date- 16/10/2020

AGROMET ADVISORY BULLETIN FOR ATHAGAD

District Past week weather condition and Block past Rainfall condition

The block received 49 mm and district received 58 mm rainfall during the last week. The mean daily maximum and minimum temperature was 33°C and 24°C, respectively. Mean relative humidity of the district was around 89-83%. **According to NDVI map (07.10.2020 to 13.10.2020) the agriculture vigor was less to moderate over few places of Cuttack district whereas according to SPI value (cumulative 4 weeks-17September 2020 to 14October 2020), mildly wet condition was there.**

Forecasted period: 17thOctober 2020 to 21stOctober 2020

Weather advisory: Very light to light rainfall is forecasted for today to Monday and moderate rainfall is forecasted for Tuesday in the block. The day temperature will be 31-32°C and night temperature will be 22-23°C for upcoming 5 days. Maximum and minimum relative humidity will be 90-96% and 62-71% respectively. There will be partly cloudy to overcast sky for next 5 days. **As per extended range outlook there will be above normal rainfall (+247%) in Odisha condition for subsequent week (21-27 October 2020).**

Block	Athagad (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	17/10/2020	18/10/2020	19/10/2020	20/10/2020	21/10/2020
Rainfall (mm)	6	3	4	8	11
T-Max (°C)	32	32	32	31	32
T-Min (°C)	23	23	23	23	22
Cloud Cover (octa)	5	7	8	8	7
RH Max (%)	96	94	94	91	90
RH Min (%)	71	62	64	68	69
Wind Speed (kmph)	8	7	10	8	9
Wind Direction (deg)	68	68	30	45	109

Agromet Advisory

General Advisory: Collect water in farm ponds and water harvesting structures for future use. Start preparation of nursery beds and complete sowing tomato, cabbage, cauliflower and onion seeds. Spray insecticides or pesticides mixing with sticker only in sunny days. Plan to harvest the matured crops in between Monday.

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 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.-133
Date- 16/10/2020

AGROMET ADVISORY BULLETIN FOR BADAMBA

District Past week weather condition and Block past Rainfall condition

The block received 30 mm and district received 58 mm rainfall during the last week. The mean daily maximum and minimum temperature was 33°C and 24°C, respectively. Mean relative humidity of the district was around 89-83%. According to NDVI map (07.10.2020 to 13.10.2020) the agriculture vigor was less to moderate over few places of Cuttack district whereas according to SPI value (cumulative 4 weeks-17September 2020 to 14October 2020), mildly wet condition was there.

Forecasted period: 17th October 2020 to 21st October 2020

Weather advisory: Very light to light rainfall is forecasted for today to Tuesday in the block. The day temperature will be 30-32°C and night temperature will be 22°C for upcoming 5 days. Maximum and minimum relative humidity will be 91-97% and 65-74% respectively. There will be partly cloudy to overcast sky for next 5 days. As per extended range outlook there will be above normal rainfall (+247%) in Odisha condition for subsequent week (21-27 October 2020).

Block	Badamba (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	17/10/2020	18/10/2020	19/10/2020	20/10/2020	21/10/2020
Rainfall(mm)	5	2	4	7	9
T-Max(°C)	31	32	32	30	32
T-Min(°C)	22	22	22	22	22
Cloud Cover(octa)	6	7	8	8	7
RH Max (%)	97	95	95	93	91
RH Min (%)	74	65	65	72	70
Wind Speed (Kmph)	8	6	8	7	8
Wind Direction (deg)	90	68	30	45	109

Agromet Advisory

General Advisory: Collect water in farm ponds and water harvesting structures for future use. Start preparation of nursery beds and complete sowing tomato, cabbage, cauliflower and onion seeds. Spray insecticides or pesticides mixing with sticker only in sunny days. Plan to harvest the matured crops in between Monday.

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 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.-133
Date- 16/10/2020

AGROMET ADVISORY BULLETIN FOR BANKI

District Past week weather condition and Block past Rainfall condition

The block received 52 mm and district received 58 mm rainfall during the last week. The mean daily maximum and minimum temperature was 33°C and 24°C, respectively. Mean relative humidity of the district was around 89-83%. **According to NDVI map (07.10.2020 to 13.10.2020) the agriculture vigor was less to moderate over few places of Cuttack district whereas according to SPI value (cumulative 4 weeks-17September 2020 to 14October 2020), mildly wet condition was there.**

Forecasted period: 17th October 2020 to 21st October 2020

Weather advisory: Very light to light rainfall is forecasted for today to Tuesday in the block. The day temperature will be 31-32°C and night temperature will be 22°C for upcoming 5 days. Maximum and minimum relative humidity will be 90-96% and 63-72% respectively. There will be partly cloudy to overcast sky for next 5 days. **As per extended range outlook there will be above normal rainfall (+247%) in Odisha condition for subsequent week (21-27 October 2020).**

Block	Banki (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	17/10/2020	18/10/2020	19/10/2020	20/10/2020	21/10/2020
Rainfall(mm)	8	4	3	7	10
T-Max(°C)	31	32	32	31	32
T-Min(°C)	22	22	22	22	22
Cloud Cover(octa)	5	7	8	8	7
RH Max (%)	96	94	95	92	90
RH Min (%)	72	63	64	69	68
Wind Speed (Kmph)	8	7	10	9	9
Wind Direction (deg)	90	68	30	45	34

Agromet Advisory

General Advisory: Collect water in farm ponds and water harvesting structures for future use. Start preparation of nursery beds and complete sowing tomato, cabbage, cauliflower and onion seeds. Spray insecticides or pesticides mixing with sticker only in sunny days. Plan to harvest the matured crops in between Monday.

Khari 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 **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.-133
Date- 16/10/2020

AGROMET ADVISORY BULLETIN FOR BANKI-DAMPARA

District Past week weather condition

The district received 58 mm rainfall during the last week. The mean daily maximum and minimum temperature was 33°C and 24°C, respectively. Mean relative humidity of the district was around 89-83%. **According to NDVI map (07.10.2020 to 13.10.2020) the agriculture vigor was less to moderate over few places of Cuttack district whereas according to SPI value (cumulative 4 weeks-17September 2020 to 14October 2020), mildly wet condition was there.**

Forecasted period: 17th October 2020 to 21st October 2020

Weather Advisory: Very light to light rainfall is forecasted for today to Monday and moderate rainfall is forecasted for Tuesday in the block. The day temperature will be 31-32°C and night temperature will be 22°C for upcoming 5 days. Maximum and minimum relative humidity will be 91-96% and 63-72% respectively. There will be partly cloudy to overcast sky for next 5 days. **As per extended range outlook there will be above normal rainfall (+247%) in Odisha condition for subsequent week (21-27 October 2020).**

Block	Banki-Dampara (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	17/10/2020	18/10/2020	19/10/2020	20/10/2020	21/10/2020
Rainfall(mm)	7	2	5	8	11
T-Max(°C)	31	32	32	31	32
T-Min(°C)	22	22	22	22	22
Cloud Cover(octa)	5	7	8	8	7
RH Max (%)	96	94	95	92	91
RH Min (%)	72	63	64	69	69
Wind Speed (Kmph)	8	7	10	9	9
Wind Direction (deg)	90	68	30	45	34

Agromet Advisory

General Advisory: Collect water in farm ponds and water harvesting structures for future use. Start preparation of nursery beds and complete sowing tomato, cabbage, cauliflower and onion seeds. Spray insecticides or pesticides mixing with sticker only in sunny days. Plan to harvest the matured crops in between Monday.

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 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.-133
Date- 16/10/2020

AGROMET ADVISORY BULLETIN FOR BARANGA

District Past week weather condition and Block past Rainfall condition

The block received 45 mm and district received 58 mm rainfall during the last week. The mean daily maximum and minimum temperature was 33°C and 24°C, respectively. Mean relative humidity of the district was around 89-83%. **According to NDVI map (07.10.2020 to 13.10.2020) the agriculture vigor was less to moderate over few places of Cuttack district whereas according to SPI value (cumulative 4 weeks-17September 2020 to 14October 2020), mildly wet condition was there.**

Forecasted period: 17th October 2020 to 21st October 2020

Weather advisory: Very light to light rainfall is forecasted for today to Monday and moderate rainfall is forecasted for Tuesday in the block. The day temperature will be 31-32°C and night temperature will be 23-24°C for upcoming 5 days. Maximum and minimum relative humidity will be 90-96% and 63-72% respectively. There will be partly cloudy to overcast sky for next 5 days. **As per extended range outlook there will be above normal rainfall (+247%) in Odisha condition for subsequent week (21-27 October 2020).**

Block	Baranga (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	17/10/2020	18/10/2020	19/10/2020	20/10/2020	21/10/2020
Rainfall(mm)	6	2	5	9	12
T-Max(°C)	31	32	32	31	32
T-Min(°C)	23	24	23	23	23
Cloud Cover	5	7	8	8	7
RH Max (%)	96	93	94	92	90
RH Min (%)	72	63	64	69	66
Wind Speed (Kmph)	8	8	12	10	10
Wind Direction (deg)	26	68	36	45	34

Agromet Advisory

General Advisory: Collect water in farm ponds and water harvesting structures for future use. Start preparation of nursery beds and complete sowing tomato, cabbage, cauliflower and onion seeds. Spray insecticides or pesticides mixing with sticker only in sunny days. Plan to harvest the matured crops in between Monday.

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 Oxychloride in 10 litre water to prevent **wilting** in vegetables Spray 400gm (Metalaxyl + Mancozeb) or 300gm Chlorothalonil in 200 litre 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.-133
Date- 16/10/2020

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

The block received 45 mm and district received 58 mm rainfall during the last week. The mean daily maximum and minimum temperature was 33°C and 24°C, respectively. Mean relative humidity of the district was around 89-83%. **According to NDVI map (07.10.2020 to 13.10.2020) the agriculture vigor was less to moderate over few places of Cuttack district whereas according to SPI value (cumulative 4 weeks- 17September 2020 to 14October 2020), mildly wet condition was there.**

Forecasted period: 17th October 2020 to 21st October 2020

Weather advisory: Very light to light rainfall is forecasted for today to Monday and moderate rainfall is forecasted for Tuesday in 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 90-96% and 64-71% respectively. There will be partly cloudy to overcast sky for next 5 days. **As per extended range outlook there will be above normal rainfall (+247%) in Odisha condition for subsequent week (21-27 October 2020).**

Block	Cuttack sadar (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	17/10/2020	18/10/2020	19/10/2020	20/10/2020	21/10/2020
Rainfall(mm)	7	3	4	10	14
T-Max(°C)	32	33	33	32	33
T-Min(°C)	24	24	23	24	23
Cloud Cover(octa)	5	7	8	8	7
RH Max (%)	96	93	93	91	90
RH Min (%)	71	64	64	67	67
Wind Speed (Kmph)	8	7	11	9	9
Wind Direction (deg)	34	68	56	45	34

Agromet Advisory

General Advisory: Collect water in farm ponds and water harvesting structures for future use. Start preparation of nursery beds and complete sowing tomato, cabbage, cauliflower and onion seeds. Spray insecticides or pesticides mixing with sticker only in sunny days. Plan to harvest the matured crops in between Monday.

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.-133
Date- 16/10/2020

AGROMET ADVISORY BULLETIN FOR KANTAPADA

District Past week weather condition and Block past Rainfall condition

The block received 94 mm and district received 58 mm rainfall during the last week. The mean daily maximum and minimum temperature was 33°C and 24°C, respectively. Mean relative humidity of the district was around 89-83%. According to NDVI map (07.10.2020 to 13.10.2020) the agriculture vigor was less to moderate over few places of Cuttack district whereas according to SPI value (cumulative 4 weeks-17September 2020 to 14October 2020), mildly wet condition was there.

Forecasted period: 17th October 2020 to 21st October 2020

Weather advisory: Very light to light rainfall is forecasted for today to Monday and moderate rainfall is forecasted for Tuesday in the block. The day temperature will be 30-33°C and night temperature will be 24°C for upcoming 5 days. Maximum and minimum relative humidity will be 92-96% and 62-73% respectively. There will be partly cloudy to overcast sky for next 5 days. As per extended range outlook there will be above normal rainfall (+247%) in Odisha condition for subsequent week (21-27 October 2020).

Block	Kantapada (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	17/10/2020	18/10/2020	19/10/2020	20/10/2020	21/10/2020
Rainfall(mm)	8	4	6	10	15
T-Max(°C)	31	33	32	30	33
T-Min(°C)	24	24	24	24	24
Cloud Cover(octa)	4	7	7	8	7
RH Max (%)	96	92	95	93	92
RH Min (%)	73	62	65	72	63
Wind Speed (Kmph)	9	8	12	10	10
Wind Direction (deg)	109	342	36	45	34

Agromet Advisory

General Advisory: Collect water in farm ponds and water harvesting structures for future use. Start preparation of nursery beds and complete sowing tomato, cabbage, cauliflower and onion seeds. Spray insecticides or pesticides mixing with sticker only in sunny days. Plan to harvest the matured crops in between Monday.

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.-133
Date- 16/10/2020

AGROMET ADVISORY BULLETIN FOR MAHANGA

District Past week weather condition and Block past Rainfall condition

The block received 117 mm and district received 58 mm rainfall during the last week. The mean daily maximum and minimum temperature was 33°C and 24°C, respectively. Mean relative humidity of the district was around 89-83%. According to NDVI map (07.10.2020 to 13.10.2020) the agriculture vigor was less to moderate over few places of Cuttack district whereas according to SPI value (cumulative 4 weeks-17September 2020 to 14October 2020), mildly wet condition was there.

Forecasted period: 17th October 2020 to 21st October 2020

Weather advisory: Very light to light rainfall is forecasted for today to Monday and moderate rainfall is forecasted for Tuesday in the block. The day temperature will be 31-33°C and night temperature will be 24°C for upcoming 5 days. Maximum and minimum relative humidity will be 89-96% and 61-71% respectively. There will be partly cloudy to overcast sky for next 5 days. As per extended range outlook there will be above normal rainfall (+247%) in Odisha condition for subsequent week (21-27 October 2020).

Block	Mahanga (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	17/10/2020	18/10/2020	19/10/2020	20/10/2020	21/10/2020
Rainfall(mm)	5	3	7	10	14
T-Max(°C)	31	33	32	31	32
T-Min(°C)	24	24	24	24	24
Cloud Cover(octal)	4	7	8	8	7
RH Max (%)	96	90	93	90	89
RH Min (%)	71	61	66	65	62
Wind Speed (Kmph)	8	8	12	10	9
Wind Direction (deg)	26	90	36	30	45

Agromet Advisory

General Advisory: Drain out excess water from vegetable nursery and main field. Collect water in farm ponds and water harvesting structures for future use. Start preparation of nursery beds and complete sowing tomato, cabbage, cauliflower and onion seeds. Spray insecticides or pesticides mixing with sticker only in sunny days. Plan to harvest the matured crops in between Monday.

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.-133
Date- 16/10/2020

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

The block received 40 mm and district received 58 mm rainfall during the last week. The mean daily maximum and minimum temperature was 33°C and 24°C, respectively. Mean relative humidity of the district was around 89-83%. **According to NDVI map (07.10.2020 to 13.10.2020) the agriculture vigor was less to moderate over few places of Cuttack district whereas according to SPI value (cumulative 4 weeks- 17 September 2020 to 14 October 2020), mildly wet condition was there.**

Forecasted period: 17th October 2020 to 21st October 2020

Weather advisory: Very light to light rainfall is forecasted for today to Tuesday in the block. The day temperature will be 29-31°C and night temperature will be 22°C for upcoming 5 days. Maximum and minimum relative humidity will be 93-98% and 64-78% respectively. There will be partly cloudy to overcast sky for next 5 days. **As per extended range outlook there will be above normal rainfall (+247%) in Odisha condition for subsequent week (21-27 October 2020).**

Block	Narasinghpur (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	17/10/2020	18/10/2020	19/10/2020	20/10/2020	21/10/2020
Rainfall(mm)	6	2	3	6	9
T-Max(°C)	31	31	31	29	31
T-Min(°C)	22	22	22	22	22
Cloud Cover(/octa)	6	7	8	8	7
RH Max (%)	98	96	97	95	93
RH Min (%)	73	69	64	78	69
Wind Speed (Kmph)	6	5	6	5	6
Wind Direction (deg)	90	60	30	26	105

Agromet Advisory

General Advisory: Collect water in farm ponds and water harvesting structures for future use. Start preparation of nursery beds and complete sowing tomato, cabbage, cauliflower and onion seeds. Spray insecticides or pesticides mixing with sticker only in sunny days. Plan to harvest the matured crops in between Monday.

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 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 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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INDIA METEOROLOGICAL DEPARTMENT
DISTRICT AGROMET UNIT
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Bulletin No.-133
Date- 16/10/2020

AGROMET ADVISORY BULLETIN FOR NIALI

District Past week weather condition and Block past Rainfall condition

The block received 98 mm and district received 58 mm rainfall during the last week. The mean daily maximum and minimum temperature was 33°C and 24°C, respectively. Mean relative humidity of the district was around 89-83%. **According to NDVI map (07.10.2020 to 13.10.2020) the agriculture vigor was less to moderate over few places of Cuttack district whereas according to SPI value (cumulative 4 weeks-17September 2020 to 14October 2020), mildly wet condition was there.**

Forecasted period: 17th October 2020 to 21st October 2020

Weather advisory: Very light to light rainfall is forecasted for today to Monday and moderate rainfall is forecasted for Tuesday in the block. The day temperature will be 30-33°C and night temperature will be 23-24°C for upcoming 5 days. Maximum and minimum relative humidity will be 92-96% and 63-75% respectively. There will be partly cloudy to overcast sky for next 5 days. **As per extended range outlook there will be above normal rainfall (+247%) in Odisha condition for subsequent week (21-27 October 2020).**

Block	Niali (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	17/10/2020	18/10/2020	19/10/2020	20/10/2020	21/10/2020
Rainfall(mm)	8	4	6	10	18
T-Max(°C)	31	33	32	30	32
T-Min(°C)	24	24	23	24	24
Cloud Cover(octa)	3	7	7	8	7
RH Max (%)	96	92	94	92	92
RH Min (%)	74	63	65	75	63
Wind Speed(Kmph)	9	9	12	11	11
Wind Direction(deg)	109	108	63	58	45

Agromet Advisory

General Advisory: Drain out excess water from vegetable nursery and main field. Collect water in farm ponds and water harvesting structures for future use. Start preparation of nursery beds and complete sowing tomato, cabbage, cauliflower and onion seeds. Spray insecticides or pesticides mixing with sticker only in sunny days. Plan to harvest the matured crops in between Monday.

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.-133
Date- 16/10/2020

AGROMET ADVISORY BULLETIN FOR NISCHINTAKOILI

District Past week weather condition and Block past Rainfall condition

The block received 50 mm and district received 58 mm rainfall during the last week. The mean daily maximum and minimum temperature was 33°C and 24°C, respectively. Mean relative humidity of the district was around 89-83%. According to NDVI map (07.10.2020 to 13.10.2020) the agriculture vigor was less to moderate over few places of Cuttack district whereas according to SPI value (cumulative 4 weeks-17September 2020 to 14October 2020), mildly wet condition was there.

Forecasted period: 17th October 2020 to 21st October 2020

Weather advisory: Very light to light rainfall is forecasted for today to Monday and moderate rainfall is forecasted for Tuesday in the block. The day temperature will be 31-33°C and night temperature will be 24°C for upcoming 5 days. Maximum and minimum relative humidity will be 90-96% and 61-71% respectively. There will be partly cloudy to overcast sky for next 5 days. As per extended range outlook there will be above normal rainfall (+247%) in Odisha condition for subsequent week (21-27 October 2020).

Block	Nischintakoili (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	17/10/2020	18/10/2020	19/10/2020	20/10/2020	21/10/2020
Rainfall(mm)	8	3	6	9	15
T-Max(°C)	31	33	32	31	32
T-Min(°C)	24	24	24	24	24
Cloud Cover(octa)	4	7	8	8	7
RH Max (%)	96	90	94	90	90
RH Min (%)	71	61	67	67	62
Wind Speed (Kmph)	8	8	12	10	10
Wind Direction (deg)	109	108	36	30	34

Agromet Advisory

General Advisory: Collect water in farm ponds and water harvesting structures for future use. Start preparation of nursery beds and complete sowing tomato, cabbage, cauliflower and onion seeds. Spray insecticides or pesticides mixing with sticker only in sunny days. Plan to harvest the matured crops in between Monday.

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.-133
Date- 16/10/2020

AGROMET ADVISORY BULLETIN FOR SALEPUR

District Past week weather condition and Block past Rainfall condition

The block received 46 mm and district received 58 mm rainfall during the last week. The mean daily maximum and minimum temperature was 33°C and 24°C, respectively. Mean relative humidity of the district was around 89-83%. **According to NDVI map (07.10.2020 to 13.10.2020) the agriculture vigor was less to moderate over few places of Cuttack district whereas according to SPI value (cumulative 4 weeks-17 September 2020 to 14 October 2020), mildly wet condition was there.**

Forecasted period: 17th October 2020 to 21st October 2020

Weather advisory: Very light to light rainfall is forecasted for today to Monday and moderate rainfall is forecasted for Tuesday in the block. The day temperature will be 31-33°C and night temperature will be 24°C for upcoming 5 days. Maximum and minimum relative humidity will be 90-96% and 61-71% respectively. There will be partly cloudy to overcast sky for next 5 days. **As per extended range outlook there will be above normal rainfall (+247%) in Odisha condition for subsequent week (21-27 October 2020).**

Block	Salepur (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	17/10/2020	18/10/2020	19/10/2020	20/10/2020	21/10/2020
Rainfall(mm)	8	4	6	8	13
T-Max(°C)	31	33	32	31	33
T-Min(°C)	24	24	24	24	24
Cloud Cover(octa)	4	7	8	8	7
RH Max (%)	96	91	94	90	90
RH Min (%)	71	61	66	67	63
Wind Speed (Kmph)	8	8	12	10	10
Wind Direction (deg)	26	90	36	30	34

Agromet Advisory

General Advisory: Collect water in farm ponds and water harvesting structures for future use. Start preparation of nursery beds and complete sowing tomato, cabbage, cauliflower and onion seeds. Spray insecticides or pesticides mixing with sticker only in sunny days. Plan to harvest the matured crops in between Monday.

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 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 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.-133
Date- 16/10/2020

AGROMET ADVISORY BULLETIN FOR TANGI-CHOUDWAR

District Past week weather condition and Block past Rainfall condition

The block received 54 mm and district received 58 mm rainfall during the last week. The mean daily maximum and minimum temperature was 33°C and 24°C, respectively. Mean relative humidity of the district was around 89-83%. According to NDVI map (07.10.2020 to 13.10.2020) the agriculture vigor was less to moderate over few places of Cuttack district whereas according to SPI value (cumulative 4 weeks-17September 2020 to 14October 2020), mildly wet condition was there.

Forecasted period: 17th October 2020 to 21st October 2020

Weather advisory: Very light to light rainfall is forecasted for today to Monday and moderate rainfall is forecasted for Tuesday in the block. The day temperature will be 30-33°C and night temperature will be 26°C for upcoming 5 days. Maximum and minimum relative humidity will be 87-92% and 65-76% respectively. There will be partly cloudy to overcast sky for next 5 days. As per extended range outlook there will be above normal rainfall (+247%) in Odisha condition for subsequent week (21-27 October 2020).

Block	Tangi-Choudwar (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	17/10/2020	18/10/2020	19/10/2020	20/10/2020	21/10/2020
Rainfall(mm)	5	3	5	9	11
T-Max(°C)	32	33	32	30	32
T-Min(°C)	26	26	26	26	26
Cloud Cover(octa)	3	7	8	8	7
RH Max (%)	92	87	90	88	90
RH Min (%)	71	65	72	76	66
Wind Speed (Kmph)	11	10	15	14	11
Wind Direction (deg)	116	75	71	68	34

Agromet Advisory

General Advisory: Collect water in farm ponds and water harvesting structures for future use. Start preparation of nursery beds and complete sowing tomato, cabbage, cauliflower and onion seeds. Spray insecticides or pesticides mixing with sticker only in sunny days. Plan to harvest the matured crops in between Monday.

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 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 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
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Bulletin No.-133
Date- 16/10/2020

AGROMET ADVISORY BULLETIN FOR TIGIRIA

District Past week weather condition and Block past Rainfall condition

The block received 44 mm and district received 58 mm rainfall during the last week. The mean daily maximum and minimum temperature was 33°C and 24°C, respectively. Mean relative humidity of the district was around 89-83%. **According to NDVI map (07.10.2020 to 13.10.2020) the agriculture vigor was less to moderate over few places of Cuttack district whereas according to SPI value (cumulative 4 weeks-17September 2020 to 14October 2020), mildly wet condition was there.**

Forecasted period: 17th October 2020 to 21st October 2020

Weather advisory: Very light to light rainfall is forecasted for today to Tuesday in the block. The day temperature will be 31-32°C and night temperature will be 22°C for upcoming 5 days. Maximum and minimum relative humidity will be 90-96% and 63-73% respectively. There will be partly cloudy to overcast sky for next 5 days. **As per extended range outlook there will be above normal rainfall (+247%) in Odisha condition for subsequent week (21-27 October 2020).**

Block	Tigiria (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	17/10/2020	18/10/2020	19/10/2020	20/10/2020	21/10/2020
Rainfall(mm)	5	4	3	7	10
00T-Max(°C)	32	32	32	31	32
T-Min(°C)	22	22	22	22	22
Cloud Cover(octa)	6	7	8	7	7
RH Max (%)	96	95	94	92	90
RH Min (%)	73	63	65	69	71
Wind Speed (Kmph)	8	7	9	8	8
Wind Direction (deg)	90	68	30	45	109

Agromet Advisory

General Advisory: Collect water in farm ponds and water harvesting structures for future use. Start preparation of nursery beds and complete sowing tomato, cabbage, cauliflower and onion seeds. Spray insecticides or pesticides mixing with sticker only in sunny days. Plan to harvest the matured crops in between Monday.

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 byaphids** 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.

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