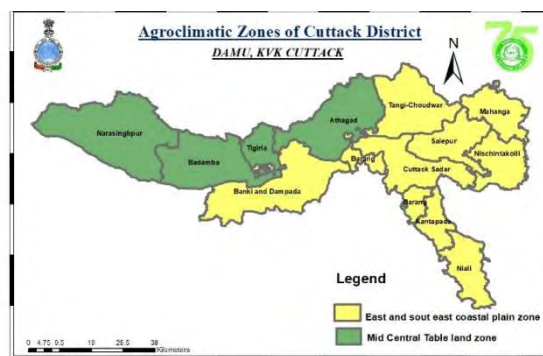
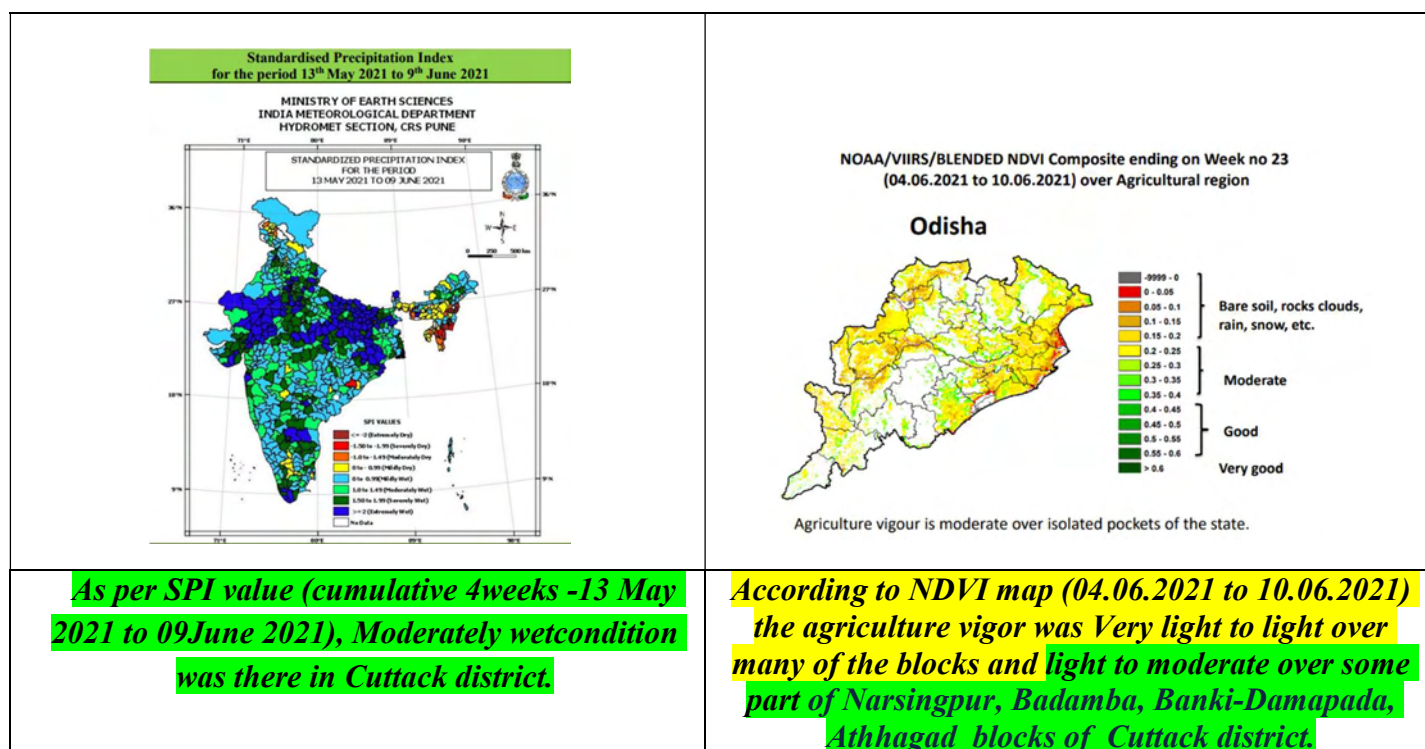


AGROCLIMATIC ZONES OF CUTTACK DISTRICT:

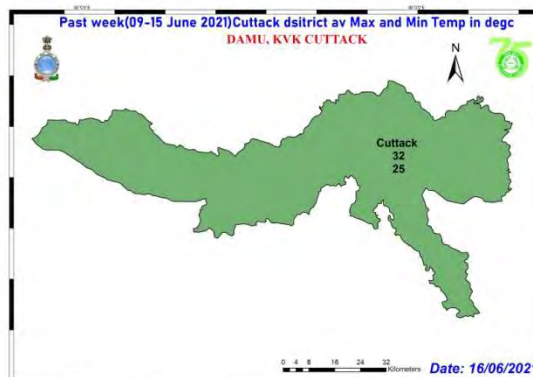
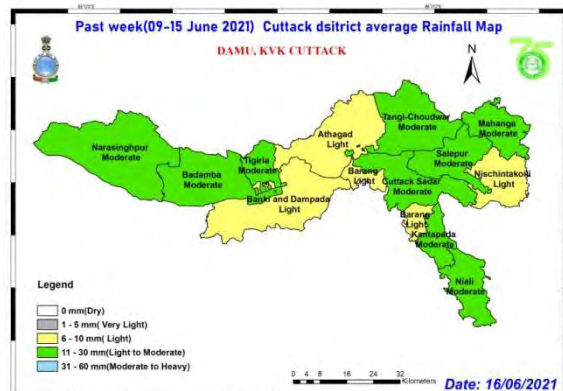


STANDARD PRECIPITATION INDEX AND NDVI MAP

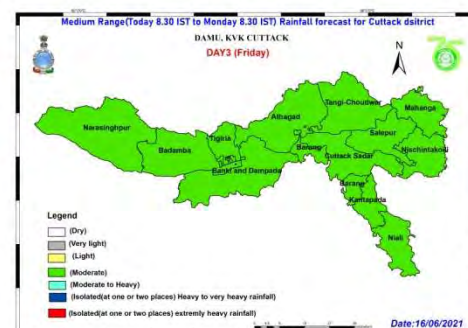
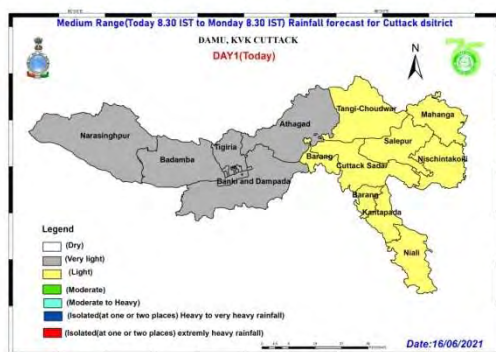


| LEGEND (Medium range block level rainfall forecast) | | |
|---|----------------------------|------------|
| | No Rainfall | 00 mm |
| | Very light rainfall | 01-05 mm |
| | Light rainfall | 06-10 mm |
| | Light to moderate rainfall | 11-30 mm |
| | Moderate to heavy rainfall | 31-65 mm |
| | Heavy rainfall | 66-115 mm |
| | Very heavy rainfall | 116-205 mm |
| | Extremely heavy rainfall | >206 mm |

Past week (09-15 June 2021) Cuttack district Rainfall and Temperature map



Medium range (Today (8.30IST) to Monday (8.30IST)) Rainfall (mm) forecast for Cuttack district



| Met Sub division | Extended range outlook for subsequent 1 week (6 th to 12 th days) (20 th June to 26 th June 2021) | | |
|------------------|--|----------------------|-----------------|
| Odisha | <i>Parameter</i> | <i>Departure (%)</i> | <i>Category</i> |
| | Rainfall | 21.88 | Above Normal |
| | <i>Parameter</i> | <i>Anomaly</i> | <i>Category</i> |
| | Maximum temperature | -2.29 | Below Normal |
| | Minimum temperature | -1.15 | Normal |

General Agromet Advisory:- There will be **above normal rainfall in subsequent week after 5 days (20-26 June 2021) in Odisha condition**, and also there was large excess rainfall in Cuttack district then normal in between 1st June to 15th June, so farmers are advised to drain out excess water from the field and should complete nursery sowing (dry nursery) of kharif rice in that period.

Updated Long range forecast for the 2021 South-west Monsoon seasonal rainfall

- **This year, Southwest Monsoon has set in over Kerala today, the 3rd June, 2021, against the normal date of 1st June.**
- Southwest monsoon seasonal (June to September) rainfall over the country as a whole is most likely to be **normal** (96 to 104 % of Long Period Average (LPA)). (**Fig.1.**)
- Quantitatively, the monsoon seasonal (June to September) rainfall over the country as a whole is likely to be **101% of the Long Period Average (LPA) with a model error of $\pm 4\%$** . The LPA of the season rainfall over the country as a whole for the period 1961-2010 is 88 cm.
- The southwest monsoon seasonal (June to September) rainfall over the monsoon core zone, which consists of most of the rainfed agriculture regions in the country is most likely to be **Above Normal (>106% of LPA)**.
- **The MME probability forecast suggest that the 2021 June rainfall averaged over the country as a whole is most likely to be normal (92 to 108 % of LPA). (Fig.2.)**
- **Hence Farmers should prepare the crop plan depending upon the land type, soil fertility and Variety availability, irrigation facility.**

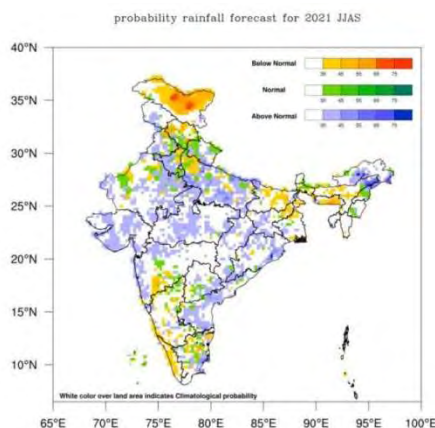


Fig.1. Updated Probability forecast of tercile categories* (below normal, normal and above normal) for the seasonal rainfall over India during the 2021 southwest monsoon season (June - September). The figure illustrates the most likely categories as well as their probabilities. The white shaded areas within the land area represent climatological probabilities. The probabilities were derived using the MME forecast prepared from a group of coupled climate models. (*Tercile categories have equal climatological probabilities, of 33.33% each).

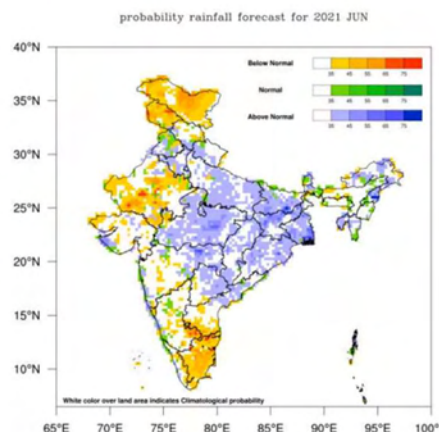


Fig.2. Probability forecast of tercile categories* (below normal, normal and above normal) for the 2021 June rainfall over India. The figure illustrates the most likely categories as well as their probabilities. The white shaded areas within the land area represent climatological probabilities. The probabilities were derived using the MME forecast prepared from a group of coupled climate models. (*Tercile categories have equal climatological probabilities, of 33.33% each).



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Bulletin No.-202
Date- 16/06/2021

AGROMET ADVISORY BULLETIN FOR ATHAGAD

District Past week average weather condition and Block past week average Rainfall condition

The block received average 8mm and district received average 14mm rainfall during the last week. The mean daily maximum and minimum temperature was 32°C and 25°C, respectively. Mean relative humidity of the district was around 89-69%.

Forecasted period: Today(8.30IST) to 21st June (8.30IST)2021

Weather advisory: *Moderate rainfall is forecasted for tomorrow and Friday and Very light rainfall is forecasted for other 3 days in the block.* The day temperature will be 25-33°C and night temperature will be 22-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 69-91% and 36-60% respectively. There will be partly cloudy to overcast sky for next 5 days.

| Block | Athagad (VALID TILL 08:30 IST OF THE NEXT 5 DAYS) | | | | |
|----------------------|---|------------|------------|------------|------------|
| Date | 17/06/2021 | 18/06/2021 | 19/06/2021 | 20/06/2021 | 21/06/2021 |
| Rainfall (mm) | 3 | 11 | 18 | 1 | 5 |
| T-Max (°C) | 33 | 31 | 31 | 27 | 25 |
| T-Min (°C) | 26 | 26 | 24 | 23 | 22 |
| Cloud Cover (octa) | 8 | 8 | 8 | 8 | 3 |
| RH Max (%) | 69 | 69 | 91 | 72 | 76 |
| RH Min (%) | 36 | 41 | 40 | 51 | 60 |
| Wind Speed (kmph) | 16 | 11 | 12 | 12 | 10 |
| Wind Direction (deg) | 203 | 290 | 285 | 279 | 236 |

Agromet Advisory

General advisory: *In view of CRIS seasonal rainfall departure map Cuttack received 68% more (Larger excess) rainfall than normal in between 1st June to 15th June. So*

- *Complete sowing of paddy seeds in dry nursery in raised bed of 6 inch height and 3 ft wide with convenient length.*
- *Drain out excess water from the nursery during day time.*
- *Make drainage channels in medium and low land crop field.*
- *As monsoon is active go for dry bed nursery sowing.*

Kharif rice: Sowing should be started soon after received of good amount (weekly av 10mm) of early monsoon showers where direct seeding is practiced. Incorporate FYM or compost @ 2000 Kg/acre. Apply 26 kg DAP and 20 kg MoP per acre during last ploughing. Sow the short duration varieties @ 25-30 kg/acre behind the plough with maintaining 15-20 cm row to row distance. Before sowing seed should be treated with Trichoderma viride @ 10 g or Carbenidazim 50% WP @ 1.5 g/kg seed. After received of sufficient rainfall, farmers are advised for sowing of dhanicha seeds @ 12 kg/acre prior to the transplanting of paddy so that the dhanicha crop will be 3-4 weeks old before 10-15 days of transplanting of rice. Apply all phosphatic fertilizers of Kharif rice to this green manuring crop in advance. Raise the nursery for transplanted kharif rice. 400 m² area is required for one acre land. Prepare a 3 feet width and 6 inch raised bed with suitable length keeping 1 feet between two beds for irrigation and drainage. 40 baskets of FYM, 12 kg SSP and 2 kg MoP is required for 400 m² nursery area.

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

JUTE: Recent rain has aggravated **weed problem** in early sown crop. To control grass weeds, apply Quizalofop-pethyl @ 2ml/litre of water at 2-3 leaf stage of weeds. After rain in vegetative stage to control **stem rot of jute**, spray copper oxychloride @ 3-4 gram/litre of water. Farmers should be alert about the initial infestation of **hairy caterpillar, grey weevils and yellow mites** after rain when the temperature raises with high humidity. Control: i) Spray Lambda Cyhalothrin 5EC @ 1ml/lit or Indoxacarb 14.5 SC @ 1.0 ml/litre in extreme cases of hairy caterpillar. Spray combination of (Chlorpyrifos 50 EC + Cypermethrin 5 EC) @ 1-1.5 ml/l or Chlorpyrifos 20 EC @ 2ml/litre or Quinalphos 25 EC @ 1.25 ml/litre to control grey weevils. To control yellow mite spray Fenpyroximate @ 25ml/15lit water with sticker and repeat the same in consequent next 14 days.

VEGETABLES: *Chances of moderate rainfall during next five days. So, make arrangement for drain out excess water from vegetables field.*

- **Fruit and vine rot, leaf blight** of **pointed gourd** may observe. Remove damaged fruit and vines from the field and should not be kept in and around the field. Spray alternately Copper oxychloride 50% WP @ 3 g/litre of water and Metalaxyl 8% + Mancozeb 64% @ 2.5 g/litre of water in a sunny day
- Due to Past rain, Chances of **fruit rot** infestation in **chilli and brinjal**, if observe spray Carbenidazim 50% WP @ 2 g/litre of water or Copper oxychloride 50% WP @ 3 g/litre of water. If necessary spray second and third round at 15 days interval.
- **Seedling rot** is likely to appear in vegetable nursery after rain. Spray Metalaxyl + Mancozeb / Carboxin + Thiram @ 2g/litre or Copper oxychloride @ 2.5g/litre of water to control it.
- After cessation of rain, **downy mildew disease** will appear in **cucurbits**. To control it, go for alternate spray of Metalaxyl + Mancozeb @ 2g/litre and Azoxystrobin + Tebuconazole @ 0.6g/litre of water at 10 days interval.
- **Wilting** may observe in **tomato and brinjal** field, to control it drenching with Copper oxychloride 50% WP @ 3 g + Plantomycin @ 1 g/litre of water.
- Current weather favours spread of **YMV** in **Ladies finger**. In case of appearance of diseases, rogue out affected plants and spray Thiometoxam 25WG @ 60g/acre.

Animal Husbandry: Provide sufficient clean drinking water to animals. Contact departmental personnel for vaccination. Keep the animal shed clean and dry. Keep the livestock indoors during rainfall.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-202
Date- 16/06/2021

AGROMET ADVISORY BULLETIN FOR BADAMBA

District Past week average weather condition and Block past week average Rainfall condition

The block received average 11mm and district received average 14mm rainfall during the last week. The mean daily maximum and minimum temperature was 32°C and 25°C, respectively. Mean relative humidity of the district was around 89-69%.

Forecasted period: Today(8.30IST) to 21st June (8.30IST)2021

Weather advisory: *Moderate rainfall is forecasted for Friday and Very light to light rainfall is forecasted for other 4 days in the block.* The day temperature will be 25-32°C and night temperature will be 22-25°C for upcoming 5 days. Maximum and minimum relative humidity will be 67-87% and 36-61% respectively. There will be partly cloudy to overcast sky for next 5 days.

| Block | Badamba (VALID TILL 08:30 IST OF THE NEXT 5 DAYS) | | | | |
|----------------------|---|------------|------------|------------|------------|
| Date | 17/06/2021 | 18/06/2021 | 19/06/2021 | 20/06/2021 | 21/06/2021 |
| Rainfall(mm) | 4 | 10 | 15 | 1 | 6 |
| T-Max(°C) | 32 | 31 | 30 | 27 | 25 |
| T-Min(°C) | 25 | 24 | 23 | 22 | 22 |
| Cloud Cover(octa) | 8 | 8 | 8 | 8 | 3 |
| RH Max (%) | 67 | 70 | 87 | 70 | 76 |
| RH Min (%) | 36 | 40 | 40 | 51 | 61 |
| Wind Speed (Kmph) | 13 | 9 | 9 | 12 | 11 |
| Wind Direction (deg) | 205 | 287 | 285 | 259 | 238 |

Agromet Advisory

General advisory: *In view of CRIS rainfall map Cuttack received 68% more (Larger excess) rainfall than normal in between 1st June to 15th June. So*

- *Complete sowing of paddy seeds in dry nursery in raised bed of 6 inch height and 3 ft wide with convenient length.*
- *Drain out excess water from the nursery during day time.*
- *Make drainage channels in medium and low land crop field.*
- *As monsoon is active go for dry bed nursery sowing.*

Kharif rice: Sowing should be started soon after received of good amount (weekly av 10mm) of early monsoon showers where direct seeding is practiced. Incorporate FYM or compost @ 2000 Kg/acre. Apply 26 kg DAP and 20 kg MoP per acre during last ploughing. Sow the short duration varieties @ 25-30 kg/acre behind the plough with maintaining 15-20 cm row to row distance. Before sowing seed should be treated with Trichoderma viride @ 10 g or Carbendazim 50% WP @ 1.5 g/kg seed. After received of sufficient rainfall, farmers are advised for sowing of dhanicha seeds @ 12 kg/acre prior to the transplanting of paddy so that the dhanicha crop will be 3-4 weeks old before 10-15 days of transplanting of rice. Apply all phosphatic fertilizers of Kharif rice to this green manuring crop in advance. Raise the nursery for transplanted kharif rice. 400 m² area is required for one acre land. Prepare a 3 feet width and 6 inch raised bed with suitable length keeping 1 feet between two beds for irrigation and drainage. 40 baskets of FYM, 12 kg SSP and 2 kg MoP is required for 400 m² nursery area.

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

JUTE: Recent rain has aggravated **weed problem** in early sown crop. To control grass weeds, apply Quizalofop-pethyl @ 2ml/litre of water at 2-3 leaf stage of weeds. After rain in vegetative stage to control **stem rot of jute**, spray copper oxychloride @ 3-4 gram/litre of water. Farmers should be alert about the initial infestation of **hairy caterpillar, grey weevils and yellow mites** after rain when the temperature rises with high humidity. Control: i) Spray Lambda Cyhalothrin 5EC @ 1ml/lit or Indoxacarb 14.5 SC @ 1.0 ml/litre in extreme cases of hairy caterpillar. Spray combination of (Chlorpyrifos 50 EC + Cypermethrin 5 EC) @ 1-1.5 ml/l or Chlorpyrifos 20 EC @ 2ml/litre or Quinalphos 25 EC @ 1.25 ml/litre to control grey weevils. To control yellow mite spray Fenpyroximate @ 25ml/15lit water with sticker and repeat the same in consequent next 14 days.

VEGETABLES: *Chances of moderate rainfall during next five days. So, make arrangement for drain out excess water from vegetables field.*

- **Fruit and vine rot, leaf blight** of **pointed gourd** may observe. Remove damaged fruit and vines from the field and should not be kept in and around the field. Spray alternately Copper oxychloride 50% WP @ 3 g/litre of water and Metalaxyl 8% + Mancozeb 64% @ 2.5 g/litre of water in a sunny day
- Due to Past rain, Chances of **fruit rot** infestation in **chilli and brinjal**, if observe spray Carbendazim 50% WP @ 2 g/litre of water or Copper oxychloride 50% WP @ 3 g/litre of water. If necessary spray second and third round at 15 days interval.
- **Seedling rot** is likely to appear in vegetable nursery after rain. Spray Metalaxyl + Mancozeb/Carboxin + Thiram @ 2g/litre or Copper oxychloride @ 2.5g/litre of water to control it.
- After cessation of rain, **downy mildew disease** will appear in **cucurbits**. To control it, go for alternate spray of Metalaxyl + Mancozeb @ 2g/litre and Azoxystrobin + Tebuconazole @ 0.6g/litre of water at 10 days interval.
- **Wilting** may observe in **tomato and brinjal** field, to control it drenching with Copper oxychloride 50% WP @ 3 g + Plantomycin @ 1 g/litre of water.
- Current weather favours spread of **YMV** in **Ladies finger**. In case of appearance of diseases, rogue out affected plants and spray Thiometoxam 25WG @ 60g/acre.

Animal Husbandry: Provide sufficient clean drinking water to animals. Contact departmental personnel for vaccination. Keep the animal shed clean and dry. Keep the livestock indoors during rainfall.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-202
Date- 16/06/2021

AGROMET ADVISORY BULLETIN FORBANKI

District Past week average weather condition and Block past week average Rainfall condition

The block received average 10mm and district received average 14mm rainfall during the last week. The mean daily maximum and minimum temperature was 32°C and 25°C, respectively. Mean relative humidity of the district was around 89-69%.

Forecasted period: Today(8.30IST) to 21st June (8.30IST)2021

Weather advisory: *Moderate rainfall is forecasted for Friday and Very light to light rainfall is forecasted for other 4 days in the block.* The day temperature will be 25-32°C and night temperature will be 22-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 68-86% and 35-58% respectively. There will be partly cloudy to overcast sky for next 5 days.

| Block | Banki (VALID TILL 08:30 IST OF THE NEXT 5 DAYS) | | | | |
|----------------------|---|------------|------------|------------|------------|
| Date | 17/06/2021 | 18/06/2021 | 19/06/2021 | 20/06/2021 | 21/06/2021 |
| Rainfall(mm) | 3 | 10 | 12 | 1 | 4 |
| T-Max(°C) | 32 | 31 | 31 | 27 | 25 |
| T-Min(°C) | 26 | 25 | 24 | 23 | 22 |
| Cloud Cover(octa) | 8 | 8 | 8 | 8 | 3 |
| RH Max (%) | 69 | 69 | 86 | 68 | 73 |
| RH Min (%) | 35 | 39 | 38 | 50 | 58 |
| Wind Speed (Kmph) | 16 | 10 | 11 | 12 | 12 |
| Wind Direction (deg) | 208 | 290 | 285 | 259 | 236 |

Agromet Advisory

General advisory: *In view of CRIS rainfall map Cuttack received 68% more (Larger excess) rainfall than normal in between 1st June to 15th June. So*

- *Complete sowing of paddy seeds in dry nursery in raised bed of 6 inch height and 3 ft wide with convenient length.*
- *Drain out excess water from the nursery during day time.*
- *Make drainage channels in medium and low land crop field.*
- *As monsoon is active go for dry bed nursery sowing.*

Kharif rice: Sowing should be started soon after received of good amount (weekly av 10mm) of early monsoon showers where direct seeding is practiced. Incorporate FYM or compost @ 2000 Kg/acre. Apply 26 kg DAP and 20 kg MoP per acre during last ploughing. Sow the short duration varieties @ 25-30 kg/acre behind the plough with maintaining 15-20 cm row to row distance. Before sowing seed should be treated with Trichoderma viride @ 10 g or Carbendazim 50% WP @ 1.5 g/kg seed. After received of sufficient rainfall, farmers are advised for sowing of dhanicha seeds @ 12 kg/acre prior to the transplanting of paddy so that the dhanicha crop will be 3-4 weeks old before 10-15 days of transplanting of rice. Apply all phosphatic fertilizers of Kharif rice to this green manuring crop in advance. Raise the nursery for transplanted kharif rice. 400 m² area is required for one acre land. Prepare a 3 feet width and 6 inch raised bed with suitable length keeping 1 feet between two beds for irrigation and drainage. 40 baskets of FYM, 12 kg SSP and 2 kg MoP is required for 400 m² nursery area.

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JUTE: Recent rain has aggravated weed problem in early sown crop. To control grass weeds, apply Quizalofop-pethyl @ 2ml/litre of water at 2-3 leaf stage of weeds. After rain in vegetative stage to control stem rot of jute, spray copper oxychloride @ 3-4 gram/litre of water. Farmers should be alert about the initial infestation of hairy caterpillar, grey weevils and yellow mites after rain when the temperature raises with high humidity. Control: i) Spray Lambda Cyhalothrin 5EC @ 1ml/lit or Indoxacarb 14.5 SC @ 1.0 ml/litre in extreme cases of hairy caterpillar. Spray combination of (Chlorpyrifos 50 EC + Cypermethrin 5 EC) @ 1-1.5 ml/l or Chlorpyrifos 20 EC @ 2ml/litre or Quinalphos 25 EC @ 1.25 ml/litre to control grey weevils. To control yellow mite spray Fenpyroximate @ 25ml/15lit water with sticker and repeat the same in consequent next 14 days.

VEGETABLES: *Chances of moderate rainfall during next five days. So, make arrangement for drain out excess water from vegetables field.*

- **Fruit and vine rot, leaf blight** of pointed gourd may observe. Remove damaged fruit and vines from the field and should not be kept in and around the field. Spray alternately Copper oxychloride 50% WP @ 3 g/litre of water and Metalaxyl 8% + Mancozeb 64% @ 2.5 g/litre of water in a sunny day
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Animal Husbandry: Provide sufficient clean drinking water to animals. Contact departmental personnel for vaccination. Keep the animal shed clean and dry. Keep the livestock indoors during rainfall.

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Bulletin No.-202
Date- 16/06/2021

AGROMET ADVISORY BULLETIN FOR BANKI-DAMPARA

District Past week average weather condition

The district received average 14mm rainfall during the last week. The mean daily maximum and minimum temperature was 32°C and 25°C, respectively. Mean relative humidity of the district was around 89-69%.

Forecasted period: Today(8.30IST) to 21st June (8.30IST)2021

Weather Advisory: *Moderate rainfall is forecasted for Friday and Very light to light rainfall is forecasted for other 4 days in the block.* The day temperature will be 25-32°C and night temperature will be 22-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 68-86% and 35-58% respectively. There will be partly cloudy to overcast sky for next 5 days.

| Block | Banki-Dampara (VALID TILL 08:30 IST OF THE NEXT 5 DAYS) | | | | |
|----------------------|--|------------|------------|------------|------------|
| Date | 17/06/2021 | 18/06/2021 | 19/06/2021 | 20/06/2021 | 21/06/2021 |
| Rainfall(mm) | 3 | 10 | 13 | 1 | 5 |
| T-Max(°C) | 32 | 31 | 31 | 27 | 25 |
| T-Min(°C) | 26 | 25 | 24 | 23 | 22 |
| Cloud Cover(octa) | 8 | 8 | 8 | 8 | 3 |
| RH Max (%) | 69 | 69 | 86 | 68 | 73 |
| RH Min (%) | 35 | 39 | 38 | 50 | 58 |
| Wind Speed (Kmph) | 16 | 10 | 11 | 12 | 12 |
| Wind Direction (deg) | 208 | 290 | 285 | 259 | 236 |

Agromet Advisory

General advisory: *In view of CRIS rainfall map Cuttack received 68% more (Larger excess) rainfall than normal in between 1st June to 15th June. So*

- *Complete sowing of paddy seeds in dry nursery in raised bed of 6 inch height and 3 ft wide with convenient length.*
- *Drain out excess water from the nursery during day time.*
- *Make drainage channels in medium and low land crop field.*
- *As monsoon is active go for dry bed nursery sowing.*

Kharif rice: Sowing should be started soon after received of good amount (weekly av 10mm) of early monsoon showers where direct seeding is practiced. Incorporate FYM or compost @ 2000 Kg/acre. Apply 26 kg DAP and 20 kg MoP per acre during last ploughing. Sow the short duration varieties @ 25-30 kg/acre behind the plough with maintaining 15-20 cm row to row distance. Before sowing seed should be treated with Trichoderma viride @ 10 g or Carbendazim 50% WP @ 1.5 g/kg seed. After received of sufficient rainfall, farmers are advised for sowing of dhanicha seeds @ 12 kg/acre prior to the transplanting of paddy so that the dhanicha crop will be 3-4 weeks old before 10-15 days of transplanting of rice. Apply all phosphatic fertilizers of Kharif rice to this green manuring crop in advance. Raise the nursery for transplanted kharif rice. 400 m² area is required for one acre land. Prepare a 3 feet width and 6 inch raised bed with suitable length keeping 1 feet between two beds for irrigation and drainage. 40 baskets of FYM, 12 kg SSP and 2 kg MoP is required for 400 m² nursery area.

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

JUTE: Recent rain has aggravated **weed problem** in early sown crop. To control grass weeds, apply Quizalofop-pethyl @ 2ml/litre of water at 2-3 leaf stage of weeds. After rain in vegetative stage to control **stem rot of jute**, spray copper oxychloride @ 3-4 gram/litre of water. Farmers should be alert about the initial infestation of **hairy caterpillar, grey weevils and yellow mites** after rain when the temperature raises with high humidity. Control: i) Spray Lambda Cyhalothrin 5EC @ 1ml/lit or Indoxacarb 14.5 SC @ 1.0 ml/litre in extreme cases of hairy caterpillar. Spray combination of (Chlorpyrifos 50 EC + Cypermethrin 5 EC) @ 1-1.5 ml/l or Chlorpyrifos 20 EC @ 2ml/litre or Quinalphos 25 EC @ 1.25 ml/litre to control grey weevils. To control yellow mite spray Fenpyroximate @ 25ml/15lit water with sticker and repeat the same in consequent next 14 days.

VEGETABLES: *Chances of moderate rainfall during next five days. So, make arrangement for drain out excess water from vegetables field.*

- **Fruit and vine rot, leaf blight** of **pointed gourd** may observe. Remove damaged fruit and vines from the field and should not be kept in and around the field. Spray alternately Copper oxychloride 50% WP @ 3 g/litre of water and Metalaxyl 8% + Mancozeb 64% @ 2.5 g/litre of water in a sunny day
- Due to Past rain, Chances of **fruit rot** infestation in **chilli and brinjal**, if observe spray Carbendazim 50% WP @ 2 g/litre of water or Copper oxychloride 50% WP @ 3 g/litre of water. If necessary spray second and third round at 15 days interval.
- **Seedling rot** is likely to appear in vegetable nursery after rain. Spray Metalaxyl+Mancozeb/Carboxin+Thiram @ 2g/litre or Copper oxychloride @ 2.5g/litre of water to control it.
- After cessation of rain, **downy mildew disease** will appear in **cucurbits**. To control it, go for alternate spray of Metalaxyl+Mancozeb @ 2g/litre and Azoxystrobin+Tebuconazole @ 0.6g/litre of water at 10 days interval.
- **Wilting** may observe in **tomato and brinjal** field, to control it drenching with Copper oxychloride 50% WP @ 3 g + Plantomycin @ 1 g/litre of water.
- Current weather favours spread of **YMV** in **Ladies finger**. In case of appearance of diseases, rogue out affected plants and spray Thiomethoxam 25WG @ 60g/acre.

Animal Husbandry: Provide sufficient clean drinking water to animals. Contact departmental personnel for vaccination. Keep the animal shed clean and dry. Keep the livestock indoors during rainfall.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-202
Date- 16/06/2021

AGROMET ADVISORY BULLETIN FOR BARANGA

District Past week average weather condition and Block past week average Rainfall condition

The block received average 10mm and district received average 14mm rainfall during the last week. The mean daily maximum and minimum temperature was 32°C and 25°C, respectively. Mean relative humidity of the district was around 89-69%.

Forecasted period: Today(8.30IST) to 21st June (8.30IST)2021

Weather advisory: Moderate rainfall is forecasted for tomorrow and Friday and Very light to light rainfall is forecasted for other 3 days in the block. The day temperature will be 26-33°C and night temperature will be 23-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 68-83% and 35-56% respectively. There will be partly cloudy to overcast sky for next 5 days.

| Block | Baranga (VALID TILL 08:30 IST OF THE NEXT 5 DAYS) | | | | |
|----------------------|---|------------|------------|------------|------------|
| Date | 17/06/2021 | 18/06/2021 | 19/06/2021 | 20/06/2021 | 21/06/2021 |
| Rainfall(mm) | 6 | 11 | 12 | 1 | 5 |
| T-Max(°C) | 33 | 31 | 31 | 28 | 26 |
| T-Min(°C) | 26 | 26 | 24 | 23 | 23 |
| Cloud Cover | 8 | 8 | 8 | 8 | 3 |
| RH Max (%) | 69 | 68 | 83 | 70 | 73 |
| RH Min (%) | 35 | 37 | 40 | 50 | 56 |
| Wind Speed (Kmph) | 19 | 12 | 13 | 12 | 13 |
| Wind Direction (deg) | 208 | 285 | 259 | 270 | 248 |

Agromet Advisory

General advisory: In view of CRIS rainfall map Cuttack received 68% more (Larger excess) rainfall than normal in between 1st June to 15th June. So

- Complete sowing of paddy seeds in dry nursery in raised bed of 6 inch height and 3 ft wide with convenient length.
- Drain out excess water from the nursery during day time.
- Make drainage channels in medium and low land crop field.
- As monsoon is active go for dry bed nursery sowing.

Kharif rice: Sowing should be started soon after received of good amount (weekly av 10mm) of early monsoon showers where direct seeding is practiced. Incorporate FYM or compost @ 2000 Kg/acre. Apply 26 kg DAP and 20 kg MoP per acre during last ploughing. Sow the short duration varieties @ 25-30 kg/acre behind the plough with maintaining 15-20 cm row to row distance. Before sowing seed should be treated with Trichoderma viride @ 10 g or Carbendazim 50% WP @ 1.5 g/kg seed. After received of sufficient rainfall, farmers are advised for sowing of dhanicha seeds @ 12 kg/acre prior to the transplanting of paddy so that the dhanicha crop will be 3-4 weeks old before 10-15 days of transplanting of rice. Apply all phosphatic fertilizers of Kharif rice to this green manuring crop in advance. Raise the nursery for transplanted kharif rice. 400 m² area is required for one acre land. Prepare a 3 feet width and 6 inch raised bed with suitable length keeping 1 foot between two beds for irrigation and drainage. 40 baskets of FYM, 12 kg SSP and 2 kg MoP is required for 400 m² nursery area.

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

JUTE: Recent rain has aggravated weed problem in early sown crop. To control grass weeds, apply Quizalofop-pethyl @ 2ml/litre of water at 2-3 leaf stage of weeds. After rain in vegetative stage to control stem rot of jute, spray copper oxychloride @ 3-4 gram/litre of water. Farmers should be alert about the initial infestation of hairy caterpillar, grey weevils and yellow mites after rain when the temperature rises with high humidity. Control: i) Spray Lambda Cyhalothrin 5EC @ 1ml/lit or Indoxacarb 14.5 SC @ 1.0 ml/litre in extreme cases of hairy caterpillar. Spray combination of (Chlorpyrifos 50 EC + Cypermethrin 5 EC) @ 1-1.5 ml/l or Chlorpyrifos 20 EC @ 2ml/litre or Quinalphos 25 EC @ 1.25 ml/litre to control grey weevils. To control yellow mite spray Fenpyroximate @ 25ml/15lit water with sticker and repeat the same in consequent next 14 days.

VEGETABLES: Chances of moderate rainfall during next five days. So, make arrangement for drain out excess water from vegetables field.

- **Fruit and vine rot, leaf blight** of pointed gourd may observe. Remove damaged fruit and vines from the field and should not be kept in and around the field. Spray alternately Copper oxychloride 50% WP @ 3 g/litre of water and Metalaxyl 8% + Mancozeb 64% @ 2.5 g/litre of water in a sunny day
- Due to Past rain, Chances of **fruit rot** infestation in **chilli and brinjal**, if observe spray Carbendazim 50% WP @ 2 g/litre of water or Copper oxychloride 50% WP @ 3 g/litre of water. If necessary spray second and third round at 15 days interval.
- **Seedling rot** is likely to appear in vegetable nursery after rain. Spray Metalaxyl+Mancozeb/Carboxin+Thiram @ 2g/litre or Copper oxychloride @ 2.5g/litre of water to control it.
- After cessation of rain, **downy mildew disease** will appear in **cucurbits**. To control it, go for alternate spray of Metalaxyl+Mancozeb @ 2g/litre and Azoxystrobin+Tebuconazole @ 0.6g/litre of water at 10 days interval.
- **Wilting** may observe in **tomato and brinjal** field, to control it drenching with Copper oxychloride 50% WP @ 3 g + Plantomycin @ 1 g/litre of water.
- Current weather favours spread of **YMV** in **Ladies finger**. In case of appearance of diseases, rogue out affected plants and spray Thiomethoxam 25WG @ 60g/acre.

Animal Husbandry: Provide sufficient clean drinking water to animals. Contact departmental personnel for vaccination. Keep the animal shed clean and dry. Keep the livestock indoors during rainfall.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-202
Date- 16/06/2021

AGROMET ADVISORY BULLETIN FOR CUTTACK SADAR

District Past week average weather condition and Block past week average Rainfall condition

The block received average 16mm and district received average 14mm rainfall during the last week. The mean daily maximum and minimum temperature was 32°C and 25°C, respectively. Mean relative humidity of the district was around 89-69%.

Forecasted period: Today(8.30IST) to 21st June (8.30IST)2021

Weather advisory: *Moderate rainfall is forecasted for tomorrow and Friday and Very light to light rainfall is forecasted for other 3 days in the block.* The day temperature will be 26-33°C and night temperature will be 23-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 68-90% and 36-58% respectively. There will be partly cloudy to overcast sky for next 5 days.

| Block | Cuttack sadar (VALID TILL 08:30 IST OF THE NEXT 5 DAYS) | | | | |
|----------------------|---|------------|------------|------------|------------|
| Date | 17/06/2021 | 18/06/2021 | 19/06/2021 | 20/06/2021 | 21/06/2021 |
| Rainfall(mm) | 7 | 12 | 16 | 1 | 2 |
| T-Max(°C) | 33 | 31 | 31 | 27 | 26 |
| T-Min(°C) | 27 | 26 | 24 | 23 | 23 |
| Cloud Cover(octa) | 8 | 8 | 8 | 8 | 3 |
| RH Max (%) | 69 | 68 | 90 | 72 | 74 |
| RH Min (%) | 36 | 39 | 41 | 51 | 58 |
| Wind Speed (Kmph) | 19 | 12 | 13 | 13 | 12 |
| Wind Direction (deg) | 203 | 290 | 259 | 270 | 248 |

Agromet Advisory

General advisory: *In view of CRIS rainfall map Cuttack received 68% more (Larger excess) rainfall than normal in between 1st June to 15th June. So*

- *Complete sowing of paddy seeds in dry nursery in raised bed of 6 inch height and 3 ft wide with convenient length.*
- *Drain out excess water from the nursery during day time.*
- *Make drainage channels in medium and low land crop field.*
- *As monsoon is active go for dry bed nursery sowing.*

Kharif rice: Sowing should be started soon after received of good amount (weekly av 10mm) of early monsoon showers where direct seeding is practiced. Incorporate FYM or compost @ 2000 Kg/acre. Apply 26 kg DAP and 20 kg MoP per acre during last ploughing. Sow the short duration varieties @ 25-30 kg/acre behind the plough with maintaining 15-20 cm row to row distance. Before sowing seed should be treated with Trichoderma viride @ 10 g or Carbendazim 50% WP @ 1.5 g/kg seed. After received of sufficient rainfall, farmers are advised for sowing of dhanicha seeds @ 12 kg/acre prior to the transplanting of paddy so that the dhanicha crop will be 3-4 weeks old before 10-15 days of transplanting of rice. Apply all phosphatic fertilizers of Kharif rice to this green manuring crop in advance. Raise the nursery for transplanted kharif rice. 400 m² area is required for one acre land. Prepare a 3 feet width and 6 inch raised bed with suitable length keeping 1 feet between two beds for irrigation and drainage. 40 baskets of FYM, 12 kg SSP and 2 kg MoP is required for 400 m² nursery area.

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

JUTE: Recent rain has aggravated **weed problem** in early sown crop. To control grass weeds, apply Quizalofop-pethyl @ 2ml/litre of water at 2-3 leaf stage of weeds. After rain in vegetative stage to control **stem rot of jute**, spray copper oxychloride @ 3-4 gram/litre of water. Farmers should be alert about the initial infestation of **hairy caterpillar, grey weevils and yellow mites** after rain when the temperature raises with high humidity. Control: i) Spray Lambda Cyhalothrin 5EC @ 1ml/litre or Indoxacarb 14.5 SC @ 1.0 ml/litre in extreme cases of hairy caterpillar. Spray combination of (Chlorpyrifos 50 EC + Cypermethrin 5 EC) @ 1-1.5 ml/l or Chlorpyrifos 20 EC @ 2ml/litre or Quinalphos 25 EC @ 1.25 ml/litre to control grey weevils. To control yellow mite spray Fenpyroximate @ 25ml/15lit water with sticker and repeat the same in consequent next 14 days.

VEGETABLES: *Chances of moderate rainfall during next five days. So, make arrangement for drain out excess water from vegetables field.*

- **Fruit and vine rot, leaf blight of pointed gourd** may observe. Remove damaged fruit and vines from the field and should not be kept in and around the field. Spray alternately Copper oxychloride 50% WP @ 3 g/litre of water and Metalaxyl 8% + Mancozeb 64% @ 2.5 g/litre of water in a sunny day
- Due to Past rain, Chances of **fruit rot** infestation in **chilli and brinjal**, if observe spray Carbendazim 50% WP @ 2 g/litre of water or Copper oxychloride 50% WP @ 3 g/litre of water. If necessary spray second and third round at 15 days interval.
- **Seedling rot** is likely to appear in vegetable nursery after rain. Spray Metalaxyl+Mancozeb/Carboxin+Thiram @ 2g/litre or Copper oxychloride @ 2.5g/litre of water to control it.
- After cessation of rain, **downy mildew disease** will appear in **cucurbits**. To control it, go for alternate spray of Metalaxyl+Mancozeb @ 2g/litre and Azoxystrobin+Tebuconazole @ 0.6g/litre of water at 10 days interval.
- **Wilting** may observe in **tomato and brinjal** field, to control it drenching with Copper oxychloride 50% WP @ 3 g + Plantomycin @ 1 g/litre of water.
- Current weather favours spread of **YMV** in **Ladies finger**. In case of appearance of diseases, rogue out affected plants and spray Thiomethoxam 25WG @ 60g/acre.

Animal Husbandry: Provide sufficient clean drinking water to animals. Contact departmental personnel for vaccination. Keep the animal shed clean and dry. Keep the livestock indoors during rainfall.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-202
Date- 16/06/2021

AGROMET ADVISORY BULLETIN FOR KANTAPADA

District Past week average weather condition and Block past week average Rainfall condition

The block received average 20mm and district received average 14mm rainfall during the last week. The mean daily maximum and minimum temperature was 32°C and 25°C, respectively. Mean relative humidity of the district was around 89-69%.

Forecasted period: Today(8.30IST) to 21st June (8.30IST)2021

Weather advisory: Moderate rainfall is forecasted for tomorrow and Friday and Very light to light rainfall is forecasted for other 3 days in the block. The day temperature will be 28-33°C and night temperature will be 24-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 67-79% and 36-50% respectively. There will be partly cloudy to overcast sky for next 5 days.

| Block | Kantapada (VALID TILL 08:30 IST OF THE NEXT 5 DAYS) | | | | |
|----------------------|---|------------|------------|------------|------------|
| Date | 17/06/2021 | 18/06/2021 | 19/06/2021 | 20/06/2021 | 21/06/2021 |
| Rainfall(mm) | 6 | 11 | 11 | 1 | 3 |
| T-Max(°C) | 33 | 31 | 31 | 28 | 28 |
| T-Min(°C) | 27 | 26 | 24 | 24 | 24 |
| Cloud Cover(octa) | 8 | 8 | 8 | 8 | 3 |
| RH Max (%) | 70 | 67 | 79 | 69 | 70 |
| RH Min (%) | 36 | 36 | 40 | 49 | 50 |
| Wind Speed (Kmph) | 21 | 13 | 13 | 11 | 14 |
| Wind Direction (deg) | 212 | 248 | 259 | 252 | 248 |

Agromet Advisory

General advisory: In view of CRIS rainfall map Cuttack received 68% more (Larger excess) rainfall than normal in between 1st June to 15th June. So

- Complete sowing of paddy seeds in dry nursery in raised bed of 6 inch height and 3 ft wide with convenient length.
- Drain out excess water from the nursery during day time.
- Make drainage channels in medium and low land crop field.
- As monsoon is active go for dry bed nursery sowing.

Kharif rice: Sowing should be started soon after received of good amount (weekly av 10mm) of early monsoon showers where direct seeding is practiced. Incorporate FYM or compost @ 2000 Kg/acre. Apply 26 kg DAP and 20 kg MoP per acre during last ploughing. Sow the short duration varieties @ 25-30 kg/acre behind the plough with maintaining 15-20 cm row to row distance. Before sowing seed should be treated with Trichoderma viride @ 10 g or Carbendazim 50% WP @ 1.5 g/kg seed. After received of sufficient rainfall, farmers are advised for sowing of dhanicha seeds @ 12 kg/acre prior to the transplanting of paddy so that the dhanicha crop will be 3-4 weeks old before 10-15 days of transplanting of rice. Apply all phosphatic fertilizers of Kharif rice to this green manuring crop in advance. Raise the nursery for transplanted kharif rice. 400 m² area is required for one acre land. Prepare a 3 feet width and 6 inch raised bed with suitable length keeping 1 feet between two beds for irrigation and drainage. 40 baskets of FYM, 12 kg SSP and 2 kg MoP is required for 400 m² nursery area.

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

VEGETABLES: Chances of moderate rainfall during next five days. So, make arrangement for drain out excess water from vegetables field.

- **Fruit and vine rot, leaf blight** of pointed gourd may observe. Remove damaged fruit and vines from the field and should not be kept in and around the field. Spray alternately Copper oxychloride 50% WP @ 3 g/litre of water and Metalaxyl 8% + Mancozeb 64% @ 2.5 g/litre of water in a sunny day
- Due to Past rain, Chances of **fruit rot** infestation in **chilli and brinjal**, if observe spray Carbendazim 50% WP @ 2 g/litre of water or Copper oxychloride 50% WP @ 3 g/litre of water. If necessary spray second and third round at 15 days interval.
- **Seedling rot** is likely to appear in vegetable nursery after rain. Spray Metalaxyl+Mancozeb/Carboxin+Thiram @ 2g/litre or Copper oxychloride @ 2.5g/litre of water to control it.
- After cessation of rain, **downy mildew disease** will appear in **cucurbits**. To control it, go for alternate spray of Metalaxyl+Mancozeb @ 2g/litre and Azoxystrobin+Tebuconazole @ 0.6g/litre of water at 10 days interval.
- **Wilting** may observe in **tomato and brinjal** field, to control it drenching with Copper oxychloride 50% WP @ 3 g + Plantomycin @ 1 g/litre of water.
- Current weather favours spread of **YMV** in **Ladies finger**. In case of appearance of diseases, rogue out affected plants and spray Thiomethoxam 25WG @ 60g/acre.

Animal Husbandry: Provide sufficient clean drinking water to animals. Contact departmental personnel for vaccination. Keep the animal shed clean and dry. Keep the livestock indoors during rainfall.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-202
Date- 16/06/2021

AGROMET ADVISORY BULLETIN FOR MAHANGA

District Past week average weather condition and Block past week average Rainfall condition

The block received average 13mm and district received average 14mm rainfall during the last week. The mean daily maximum and minimum temperature was 32°C and 25°C, respectively. Mean relative humidity of the district was around 89-69%.

Forecasted period: Today(8.30IST) to 21st June (8.30IST)2021

Weather advisory: *Moderate rainfall is forecasted for tomorrow and Friday and Very light to light rainfall is forecasted for other 3 days in the block.* The day temperature will be and it will be 27-34°C and night temperature will be 23-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 67-85% and 36-57% respectively. There will be partly cloudy to overcast sky for next 5 days.

| Block | Mahanga (VALID TILL 08:30 IST OF THE NEXT 5 DAYS) | | | | |
|----------------------|---|------------|------------|------------|------------|
| Date | 17/06/2021 | 18/06/2021 | 19/06/2021 | 20/06/2021 | 21/06/2021 |
| Rainfall(mm) | 6 | 13 | 18 | 1 | 2 |
| T-Max(°C) | 34 | 31 | 30 | 27 | 27 |
| T-Min(°C) | 26 | 26 | 24 | 23 | 23 |
| Cloud Cover(octal) | 8 | 8 | 8 | 8 | 3 |
| RH Max (%) | 69 | 67 | 85 | 74 | 75 |
| RH Min (%) | 36 | 41 | 43 | 52 | 57 |
| Wind Speed (Kmph) | 21 | 13 | 15 | 14 | 14 |
| Wind Direction (deg) | 225 | 214 | 253 | 270 | 249 |

Agromet Advisory

General advisory: *In view of CRIS rainfall map Cuttack received 68% more (Larger excess) rainfall than normal in between 1st June to 15th June. So*

- *Complete sowing of paddy seeds in dry nursery in raised bed of 6 inch height and 3 ft wide with convenient length.*
- *Drain out excess water from the nursery during day time.*
- *Make drainage channels in medium and low land crop field.*
- *As monsoon is active go for dry bed nursery sowing.*

Kharif rice: Sowing should be started soon after received of good amount (weekly av 10mm) of early monsoon showers where direct seeding is practiced. Incorporate FYM or compost @ 2000 Kg/acre. Apply 26 kg DAP and 20 kg MoP per acre during last ploughing. Sow the short duration varieties @ 25-30 kg/acre behind the plough with maintaining 15-20 cm row to row distance. Before sowing seed should be treated with Trichoderma viride @ 10 g or Carbendazim 50% WP @ 1.5 g/kg seed. After received of sufficient rainfall, farmers are advised for sowing of dhanicha seeds @ 12 kg/acre prior to the transplanting of paddy so that the dhanicha crop will be 3-4 weeks old before 10-15 days of transplanting of rice. Apply all phosphatic fertilizers of Kharif rice to this green manuring crop in advance. Raise the nursery for transplanted kharif rice. 400 m² area is required for one acre land. Prepare a 3 feet width and 6 inch raised bed with suitable length keeping 1 feet between two beds for irrigation and drainage. 40 baskets of FYM, 12 kg SSP and 2 kg MoP is required for 400 m² nursery area.

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

JUTE: Recent rain has aggravated **weed problem** in early sown crop. To control grass weeds, apply Quizalofop-pethyl @ 2ml/litre of water at 2-3 leaf stage of weeds. After rain in vegetative stage to control **stem rot of jute**, spray copper oxychloride @ 3-4 gram/litre of water. Farmers should be alert about the initial infestation of **hairy caterpillar, grey weevils and yellow mites** after rain when the temperature raises with high humidity. Control: i) Spray Lambda Cyhalothrin 5EC @ 1ml/lit or Indoxacarb 14.5 SC @ 1.0 ml/litre in extreme cases of hairy caterpillar. Spray combination of (Chlorpyrifos 50 EC + Cypermethrin 5 EC) @ 1-1.5 ml/l or Chlorpyrifos 20 EC @ 2ml/litre or Quinalphos 25 EC @ 1.25 ml/litre to control grey weevils. To control yellow mite spray Fenpyroximate @ 25ml/15lit water with sticker and repeat the same in consequent next 14 days.

VEGETABLES: *Chances of moderate rainfall during next five days. So, make arrangement for drain out excess water from vegetables field.*

- **Fruit and vine rot, leaf blight of pointed gourd** may observe. Remove damaged fruit and vines from the field and should not be kept in and around the field. Spray alternately Copper oxychloride 50% WP @ 3 g/litre of water and Metalaxyl 8% + Mancozeb 64% @ 2.5 g/litre of water in a sunny day
- Due to Past rain, Chances of **fruit rot** infestation in **chilli and brinjal**, if observe spray Carbendazim 50% WP @ 2 g/litre of water or Copper oxychloride 50% WP @ 3 g/litre of water. If necessary spray second and third round at 15 days interval.
- **Seedling rot** is likely to appear in vegetable nursery after rain. Spray Metalaxyl + Mancozeb / Carboxin + Thiram @ 2g/litre or Copper oxychloride @ 2.5g/litre of water to control it.
- After cessation of rain, **downy mildew disease** will appear in **cucurbits**. To control it, go for alternate spray of Metalaxyl + Mancozeb @ 2g/litre and Azoxytrobin + Tebuconazole @ 0.6g/litre of water at 10 days interval.
- **Wilting** may observe in **tomato and brinjal** field, to control it drenching with Copper oxychloride 50% WP @ 3 g + Plantomycin @ 1 g/litre of water.
- Current weather favours spread of **YMV** in **Ladies finger**. In case of appearance of diseases, rogue out affected plants and spray Thiometoxam 25WG @ 60g/acre.

Animal Husbandry: Provide sufficient clean drinking water to animals. Contact departmental personnel for vaccination. Keep the animal shed clean and dry. Keep the livestock indoors during rainfall.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-202
Date- 16/06/2021

AGROMET ADVISORY BULLETIN FOR NARASINGHPUR

District Past week average weather condition and Block past week average Rainfall condition

The block received average 17mm and district received average 14mm rainfall during the last week. The mean daily maximum and minimum temperature was 32°C and 25°C, respectively. Mean relative humidity of the district was around 89-69%.

Forecasted period: Today(8.30IST) to 21st June (8.30IST)2021

Weather advisory: *Moderate rainfall is forecasted for Friday and Very light to light rainfall is forecasted for other 4 days in the block.* The day temperature will be 24-32°C and night temperature will be 20-24°C for upcoming 5 days. Maximum and minimum relative humidity will be 67-86% and 37-64% respectively. There will be partly cloudy to overcast sky for next 5 days.

| Block | Narasinghpur (VALID TILL 08:30 IST OF THE NEXT 5 DAYS) | | | | |
|----------------------|--|------------|------------|------------|------------|
| Date | 17/06/2021 | 18/06/2021 | 19/06/2021 | 20/06/2021 | 21/06/2021 |
| Rainfall(mm) | 3 | 9 | 11 | 2 | 6 |
| T-Max(°C) | 32 | 31 | 29 | 26 | 24 |
| T-Min(°C) | 24 | 23 | 22 | 21 | 20 |
| Cloud Cover(/octa) | 8 | 8 | 8 | 8 | 4 |
| RH Max (%) | 67 | 71 | 86 | 76 | 79 |
| RH Min (%) | 37 | 40 | 42 | 56 | 64 |
| Wind Speed (Kmph) | 9 | 9 | 7 | 11 | 8 |
| Wind Direction (deg) | 180 | 270 | 285 | 259 | 225 |

Agromet Advisory

General advisory: *In view of CRIS rainfall map Cuttack received 68% more (Larger excess) rainfall than normal in between 1st June to 15th June. So*

- *Complete sowing of paddy seeds in dry nursery in raised bed of 6 inch height and 3 ft wide with convenient length.*
- *Drain out excess water from the nursery during day time.*
- *Make drainage channels in medium and low land crop field.*
- *As monsoon is active go for dry bed nursery sowing.*

Kharif rice: Sowing should be started soon after received of good amount (weekly av 10mm) of early monsoon showers where direct seeding is practiced. Incorporate FYM or compost @ 2000 Kg/acre. Apply 26 kg DAP and 20 kg MoP per acre during last ploughing. Sow the short duration varieties @ 25-30 kg/acre behind the plough with maintaining 15-20 cm row to row distance. Before sowing seed should be treated with Trichoderma viride @ 10 g or Carbendazim 50% WP @ 1.5 g/kg seed. After received of sufficient rainfall, farmers are advised for sowing of dhanicha seeds @ 12 kg/acre prior to the transplanting of paddy so that the dhanicha crop will be 3-4 weeks old before 10-15 days of transplanting of rice. Apply all phosphatic fertilizers of Kharif rice to this green manuring crop in advance. Raise the nursery for transplanted kharif rice. 400 m² area is required for one acre land. Prepare a 3 feet width and 6 inch raised bed with suitable length keeping 1 feet between two beds for irrigation and drainage. 40 baskets of FYM, 12 kg SSP and 2 kg MoP is required for 400 m² nursery area.

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

JUTE: Recent rain has aggravated **weed problem** in early sown crop. To control grass weeds, apply Quizalofop-pethyl @ 2ml/litre of water at 2-3 leaf stage of weeds. After rain in vegetative stage to control **stem rot of jute**, spray copper oxychloride @ 3-4 gram/litre of water. Farmers should be alert about the initial infestation of **hairy caterpillar, grey weevils and yellow mites** after rain when the temperature raises with high humidity. Control: i) Spray Lambda Cyhalothrin 5EC @ 1ml/lit or Indoxacarb 14.5 SC @ 1.0 ml/litre in extreme cases of hairy caterpillar. Spray combination of (Chlorpyrifos 50 EC + Cypermethrin 5 EC) @ 1-1.5 ml/l or Chlorpyrifos 20 EC @ 2ml/litre or Quinalphos 25 EC @ 1.25 ml/litre to control grey weevils. To control yellow mite spray Fenpyroximate @ 25ml/15lit water with sticker and repeat the same in consequent next 14 days.

VEGETABLES: *Chances of moderate rainfall during next five days. So, make arrangement for drain out excess water from vegetables field.*

- **Fruit and vine rot, leaf blight** of **pointed gourd** may observe. Remove damaged fruit and vines from the field and should not be kept in and around the field. Spray alternately Copper oxychloride 50% WP @ 3 g/litre of water and Metalaxyl 8% + Mancozeb 64% @ 2.5 g/litre of water in a sunny day
- Due to Past rain, Chances of **fruit rot** infestation in **chilli and brinjal**, if observe spray Carbendazim 50% WP @ 2 g/litre of water or Copper oxychloride 50% WP @ 3 g/litre of water. If necessary spray second and third round at 15 days interval.
- **Seedling rot** is likely to appear in vegetable nursery after rain. Spray Metalaxyl + Mancozeb/Carboxin + Thiram @ 2g/litre or Copper oxychloride @ 2.5g/litre of water to control it.
- After cessation of rain, **downy mildew disease** will appear in **cucurbits**. To control it, go for alternate spray of Metalaxyl + Mancozeb @ 2g/litre and Azoxystrobin + Tebuconazole @ 0.6g/litre of water at 10 days interval.
- **Wilting** may observe in **tomato and brinjal** field, to control it drenching with Copper oxychloride 50% WP @ 3 g + Plantomycin @ 1 g/litre of water.
- Current weather favours spread of **YMV** in **Ladies finger**. In case of appearance of diseases, rogue out affected plants and spray Thiometoxam 25WG @ 60g/acre.

Animal Husbandry: Provide sufficient clean drinking water to animals. Contact departmental personnel for vaccination. Keep the animal shed clean and dry. Keep the livestock indoors during rainfall.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-202
Date- 16/06/2021

AGROMET ADVISORY BULLETIN FOR NIALI

District Past week average weather condition and Block past week average Rainfall condition

The block received average 23mm and district received average 14mm rainfall during the last week. The mean daily maximum and minimum temperature was 32°C and 25°C, respectively. Mean relative humidity of the district was around 89-69%.

Forecasted period: Today(8.30IST) to 21st June (8.30IST)2021

Weatheradvisory: *Moderate rainfall is forecasted for tomorrow and Friday and Very light to light rainfall is forecasted for other 3 days in the block.* The day temperature will be 29-33°C and night temperature will be 24-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 66-77% and 37-49% respectively. There will be partly cloudy to overcast sky for next 5days.

| Block | Niali (VALID TILL 08:30 IST OF THE NEXT 5 DAYS) | | | | |
|---------------------|---|------------|------------|------------|------------|
| Date | 17/06/2021 | 18/06/2021 | 19/06/2021 | 20/06/2021 | 21/06/2021 |
| Rainfall(mm) | 6 | 11 | 11 | 2 | 5 |
| T-Max(°C) | 33 | 32 | 31 | 29 | 29 |
| T-Min(°C) | 26 | 26 | 24 | 24 | 24 |
| Cloud Cover(octa) | 8 | 8 | 8 | 8 | 3 |
| RH Max (%) | 70 | 66 | 77 | 69 | 68 |
| RH Min (%) | 38 | 37 | 40 | 49 | 48 |
| Wind Speed(Kmph) | 23 | 15 | 14 | 12 | 15 |
| Wind Direction(deg) | 212 | 244 | 248 | 248 | 249 |

Agromet Advisory

General advisory: *In view of CRIS rainfall map Cuttack received 68% more (Larger excess) rainfall than normal in between 1st June to 15th June. So*

- *Complete sowing of paddy seeds in dry nursery in raised bed of 6 inch height and 3 ft wide with convenient length.*
- *Drain out excess water from the nursery during day time.*
- *Make drainage channels in medium and low land crop field.*
- *As monsoon is active go for dry bed nursery sowing.*

Kharif rice: Sowing should be started soon after received of good amount (weekly av 10mm) of early monsoon showers where direct seeding is practiced. Incorporate FYM or compost @ 2000 Kg/acre. Apply 26 kg DAP and 20 kg MoP per acre during last ploughing. Sow the short duration varieties @ 25-30 kg/acre behind the plough with maintaining 15-20 cm row to row distance. Before sowing seed should be treated with Trichoderma viride @ 10 g or Carbendazim 50% WP @ 1.5 g/kg seed. After received of sufficient rainfall, farmers are advised for sowing of dhanicha seeds @ 12 kg/acre prior to the transplanting of paddy so that the dhanicha crop will be 3-4 weeks old before 10-15 days of transplanting of rice. Apply all phosphatic fertilizers of Kharif rice to this green manuring crop in advance. Raise the nursery for transplanted kharif rice. 400 m² area is required for one acre land. Prepare a 3 feet width and 6 inch raised bed with suitable length keeping 1 feet between two beds for irrigation and drainage. 40 baskets of FYM, 12 kg SSP and 2 kg MoP is required for 400 m² nursery area.

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

VEGETABLES: *Chances of moderate rainfall during next five days. So, make arrangement for drain out excess water from vegetables field.*

- **Fruit and vine rot, leaf blight** of **pointed gourd** may observe. Remove damaged fruit and vines from the field and should not be kept in and around the field. Spray alternately Copper oxychloride 50% WP @ 3 g/litre of water and Metalaxyl 8% + Mancozeb 64% @ 2.5 g/litre of water in a sunny day
- Due to Past rain, Chances of **fruit rot** infestation in **chilli and brinjal**, if observe spray Carbendazim 50% WP @ 2 g/litre of water or Copper oxychloride 50% WP @ 3 g/litre of water. If necessary spray second and third round at 15 days interval.
- **Seedling rot** is likely to appear in vegetable nursery after rain. Spray Metalaxyl+Mancozeb/Carboxin+Thiram@2g/litre or Copper oxychloride@2.5g/litre of water to control it.
- After cessation of rain, **downy mildew disease** will appear in **cucurbits**. To control it, go for alternate spray of Metalaxyl+Mancozeb@2g/litre and Azoxystrobin+Tebuconazole @0.6g/litre of water at 10 days interval.
- **Wilting** may observe in **tomato and brinjal** field, to control it drenching with Copper oxychloride 50% WP @ 3 g + Plantomycin @ 1 g/litre of water.
- Current weather favours spread of **YMV** in **Ladies finger**. In case of appearance of diseases, rogue out affected plants and spray Thiometoxam 25WG @ 60g/acre.

Animal Husbandry: Provide sufficient clean drinking water to animals. Contact departmental personnel for vaccination. Keep the animal shed clean and dry. Keep the livestock indoors during rainfall.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-202
Date- 16/06/2021

AGROMET ADVISORY BULLETIN FOR NISCHINTAKOILI

District Past week average weather condition and Block past week average Rainfall condition

The block received average 06mm and district received average 14mm rainfall during the last week. The mean daily maximum and minimum temperature was 32°C and 25°C, respectively. Mean relative humidity of the district was around 89-69%.

Forecasted period: Today(8.30IST) to 21st June (8.30IST)2021

Weather advisory: Moderate rainfall is forecasted for tomorrow and Friday and Very light to light rainfall is forecasted for other 3 days in the block. The day temperature will be 27-34°C and night temperature will be 23-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 68-84% and 36-54% respectively. There will be partly cloudy to overcast sky for next 5 days.

| Block | Nischintakoili (VALID TILL 08:30 IST OF THE NEXT 5 DAYS) | | | | |
|----------------------|--|------------|------------|------------|------------|
| Date | 17/06/2021 | 18/06/2021 | 19/06/2021 | 20/06/2021 | 21/06/2021 |
| Rainfall(mm) | 7 | 13 | 15 | 1 | 3 |
| T-Max(°C) | 34 | 31 | 30 | 28 | 27 |
| T-Min(°C) | 26 | 26 | 24 | 23 | 23 |
| Cloud Cover(octa) | 8 | 8 | 8 | 8 | 3 |
| RH Max (%) | 70 | 68 | 84 | 73 | 75 |
| RH Min (%) | 36 | 39 | 43 | 51 | 54 |
| Wind Speed (Kmph) | 20 | 13 | 14 | 13 | 14 |
| Wind Direction (deg) | 212 | 225 | 250 | 270 | 252 |

Agromet Advisory

General advisory: In view of CRIS rainfall map Cuttack received 68% more (Larger excess) rainfall than normal in between 1st June to 15th June. So

- Complete sowing of paddy seeds in dry nursery in raised bed of 6 inch height and 3 ft wide with convenient length.
- Drain out excess water from the nursery during day time.
- Make drainage channels in medium and low land crop field.
- As monsoon is active go for dry bed nursery sowing.

Kharif rice: Sowing should be started soon after received of good amount (weekly av 10mm) of early monsoon showers where direct seeding is practiced. Incorporate FYM or compost @ 2000 Kg/acre. Apply 26 kg DAP and 20 kg MoP per acre during last ploughing. Sow the short duration varieties @ 25-30 kg/acre behind the plough with maintaining 15-20 cm row to row distance. Before sowing seed should be treated with Trichoderma viride @ 10 g or Carbendazim 50% WP @ 1.5 g/kg seed. After received of sufficient rainfall, farmers are advised for sowing of dhanicha seeds @ 12 kg/acre prior to the transplanting of paddy so that the dhanicha crop will be 3-4 weeks old before 10-15 days of transplanting of rice. Apply all phosphatic fertilizers of Kharif rice to this green manuring crop in advance. Raise the nursery for transplanted kharif rice. 400 m² area is required for one acre land. Prepare a 3 feet width and 6 inch raised bed with suitable length keeping 1 feet between two beds for irrigation and drainage. 40 baskets of FYM, 12 kg SSP and 2 kg MoP is required for 400 m² nursery area.

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

VEGETABLES: Chances of moderate rainfall during next five days. So, make arrangement for drain out excess water from vegetables field.

- **Fruit and vine rot, leaf blight** of pointed gourd may observe. Remove damaged fruit and vines from the field and should not be kept in and around the field. Spray alternately Copper oxychloride 50% WP @ 3 g/litre of water and Metalaxyl 8% + Mancozeb 64% @ 2.5 g/litre of water in a sunny day
- Due to Past rain, Chances of **fruit rot** infestation in **chilli and brinjal**, if observe spray Carbendazim 50% WP @ 2 g/litre of water or Copper oxychloride 50% WP @ 3 g/litre of water. If necessary spray second and third round at 15 days interval.
- **Seedling rot** is likely to appear in vegetable nursery after rain. Spray Metalaxyl+Mancozeb/Carboxin+Thiram @ 2g/litre or Copper oxychloride @ 2.5g/litre of water to control it.
- After cessation of rain, **downy mildew disease** will appear in **cucurbits**. To control it, go for alternate spray of Metalaxyl+Mancozeb @ 2g/litre and Azoxystrobin+Tebuconazole @ 0.6g/litre of water at 10 days interval.
- **Wilting** may observe in **tomato and brinjal** field, to control it drenching with Copper oxychloride 50% WP @ 3 g + Plantomycin @ 1 g/litre of water.
- Current weather favours spread of **YMV** in **Ladies finger**. In case of appearance of diseases, rogue out affected plants and spray Thiomethoxam 25WG @ 60g/acre.

Animal Husbandry: Provide sufficient clean drinking water to animals. Contact departmental personnel for vaccination. Keep the animal shed clean and dry. Keep the livestock indoors during rainfall.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-202
Date- 16/06/2021

AGROMET ADVISORY BULLETIN FOR SALEPUR

District Past week average weather condition and Block past week average Rainfall condition

The block received average 13mm and district received average 14mm rainfall during the last week. The mean daily maximum and minimum temperature was 32°C and 25°C, respectively. Mean relative humidity of the district was around 89-69%.

Forecasted period: Today(8.30IST) to 21st June (8.30IST)2021

Weather advisory: Moderate rainfall is forecasted for tomorrow and Friday and Very light to light rainfall is forecasted for other 3 days in the block. The day temperature will be 27-34°C and night temperature will be 23-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 67-85% and 36-55% respectively. There will be partly cloudy to overcast sky for next 5 days.

| Block | Salepur (VALID TILL 08:30 IST OF THE NEXT 5 DAYS) | | | | |
|----------------------|---|------------|------------|------------|------------|
| Date | 17/06/2021 | 18/06/2021 | 19/06/2021 | 20/06/2021 | 21/06/2021 |
| Rainfall(mm) | 6 | 12 | 17 | 1 | 3 |
| T-Max(°C) | 34 | 31 | 30 | 27 | 27 |
| T-Min(°C) | 26 | 26 | 24 | 23 | 23 |
| Cloud Cover(octa) | 8 | 8 | 8 | 8 | 3 |
| RH Max (%) | 69 | 67 | 85 | 73 | 75 |
| RH Min (%) | 36 | 39 | 43 | 51 | 55 |
| Wind Speed (Kmph) | 20 | 13 | 14 | 13 | 14 |
| Wind Direction (deg) | 212 | 289 | 261 | 270 | 252 |

Agromet Advisory

General General advisory: In view of CRIS rainfall map Cuttack received 68% more (Larger excess) rainfall than normal in between 1st June to 15th June. So

- Complete sowing of paddy seeds in dry nursery in raised bed of 6 inch height and 3 ft wide with convenient length.
- Drain out excess water from the nursery during day time.
- Make drainage channels in medium and low land crop field.
- As monsoon is active go for dry bed nursery sowing.

Kharif rice: Sowing should be started soon after received of good amount (weekly av 10mm) of early monsoon showers where direct seeding is practiced. Incorporate FYM or compost @ 2000 Kg/acre. Apply 26 kg DAP and 20 kg MoP per acre during last ploughing. Sow the short duration varieties @ 25-30 kg/acre behind the plough with maintaining 15-20 cm row to row distance. Before sowing seed should be treated with Trichoderma viride @ 10 g or Carbendazim 50% WP @ 1.5 g/kg seed. After received of sufficient rainfall, farmers are advised for sowing of dhanicha seeds @ 12 kg/acre prior to the transplanting of paddy so that the dhanicha crop will be 3-4 weeks old before 10-15 days of transplanting of rice. Apply all phosphatic fertilizers of Kharif rice to this green manuring crop in advance. Raise the nursery for transplanted kharif rice. 400 m² area is required for one acre land. Prepare a 3 feet width and 6 inch raised bed with suitable length keeping 1 feet between two beds for irrigation and drainage. 40 baskets of FYM, 12 kg SSP and 2 kg MoP is required for 400 m² nursery area.

Maize: It is time for sowing of maize for green cob purpose under irrigated condition. Grow high yielding varieties like Navjot, Shakti, Decan-107, Decan-109. Use 6 kg seeds/acre. Apply one third of N and all P & K of the recommended dose of 50:24:24 kg. NPK/acre. Sow the seeds in lines with spacing of 45-60x20 cm at 5 cm soil depth.

JUTE: Recent rain has aggravated weed problem in early sown crop. To control grass weeds, apply Quizalofop-pethyl @ 2ml/litre of water at 2-3 leaf stage of weeds. After rain in vegetative stage to control stem rot of jute, spray copper oxychloride @ 3-4 gram/litre of water. Farmers should be alert about the initial infestation of hairy caterpillar, grey weevils and yellow mites after rain when the temperature raises with high humidity. Control: i) Spray Lambda Cyhalothrin 5EC @ 1ml/lit or Indoxacarb 14.5 SC @ 1.0 ml/litre in extreme cases of hairy caterpillar. Spray combination of (Chlorpyrifos 50 EC + Cypermethrin 5 EC) @ 1-1.5 ml/l or Chlorpyrifos 20 EC @ 2ml/litre or Quinalphos 25 EC @ 1.25 ml/litre to control grey weevils. To control yellow mite spray Fenpyroximate @ 25ml/15lit water with sticker and repeat the same in consequent next 14 days.

VEGETABLES: Chances of moderate rainfall during next five days. So, make arrangement for drain out excess water from vegetables field.

- **Fruit and vine rot, leaf blight** of pointed gourd may observe. Remove damaged fruit and vines from the field and should not be kept in and around the field. Spray alternately Copper oxychloride 50% WP @ 3 g/litre of water and Metalaxyl 8% + Mancozeb 64% @ 2.5 g/litre of water in a sunny day
- Due to Past rain, Chances of **fruit rot** infestation in **chilli and brinjal**, if observe spray Carbendazim 50% WP @ 2 g/litre of water or Copper oxychloride 50% WP @ 3 g/litre of water. If necessary spray second and third round at 15 days interval.
- **Seedling rot** is likely to appear in vegetable nursery after rain. Spray Metalaxyl + Mancozeb/Carboxin + Thiram @ 2g/litre or Copper oxychloride @ 2.5g/litre of water to control it.
- After cessation of rain, **downy mildew disease** will appear in **cucurbits**. To control it, go for alternate spray of Metalaxyl + Mancozeb @ 2g/litre and Azoxystrobin + Tebuconazole @ 0.6g/litre of water at 10 days interval.
- **Wilting** may observe in **tomato and brinjal** field, to control it drenching with Copper oxychloride 50% WP @ 3 g + Plantomycin @ 1 g/litre of water.
- Current weather favours spread of **YMV** in **Ladies finger**. In case of appearance of diseases, rogue out affected plants and spray Thiomethoxam 25WG @ 60g/acre.

Animal Husbandry: Provide sufficient clean drinking water to animals. Contact departmental personnel for vaccination. Keep the animal shed clean and dry. Keep the livestock indoors during rainfall.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-202
Date- 16/06/2021

AGROMET ADVISORY BULLETIN FOR TANGI-CHOUDWAR

District Past week average weather condition and Block past week average Rainfall condition

The block received average 25mm and district received average 14mm rainfall during the last week. The mean daily maximum and minimum temperature was 32°C and 25°C, respectively. Mean relative humidity of the district was around 89-69%.

Forecasted period: Today(8.30IST) to 21st June (8.30IST)2021

Weather advisory: Moderate rainfall is forecasted for tomorrow and Friday and Very light to light rainfall is forecasted for other 3 days in the block. The day temperature will be 34-37°C and night temperature will be 28-30°C for upcoming 5 days. Maximum and minimum relative humidity will be 71-81% and 43-53% respectively. There will be partly cloudy to overcast sky for next 5 days.

| Block | Tangi-Choudwar (VALID TILL 08:30 IST OF THE NEXT 5 DAYS) | | | | |
|----------------------|--|------------|------------|------------|------------|
| Date | 17/06/2021 | 18/06/2021 | 19/06/2021 | 20/06/2021 | 21/06/2021 |
| Rainfall(mm) | 6 | 12 | 18 | 2 | 5 |
| T-Max(°C) | 37 | 37 | 36 | 35 | 34 |
| T-Min(°C) | 30 | 30 | 28 | 28 | 28 |
| Cloud Cover(octa) | 8 | 8 | 8 | 8 | 2 |
| RH Max (%) | 74 | 71 | 81 | 74 | 73 |
| RH Min (%) | 43 | 46 | 48 | 53 | 51 |
| Wind Speed (Kmph) | 25 | 17 | 18 | 15 | 17 |
| Wind Direction (deg) | 225 | 216 | 243 | 246 | 249 |

Agromet Advisory

General advisory: In view of CRIS rainfall map Cuttack received 68% more (Larger excess) rainfall than normal in between 1st June to 15th June. So

- **Complete sowing of paddy seeds in dry nursery in raised bed of 6 inch height and 3 ft wide with convenient length.**
- **Drain out excess water from the nursery during day time.**
- **Make drainage channels in medium and low land crop field.**
- **As monsoon is active go for dry bed nursery sowing.**

Kharif rice: Sowing should be started soon after received of good amount (weekly av 10mm) of early monsoon showers where direct seeding is practiced. Incorporate FYM or compost @ 2000 Kg/acre. Apply 26 kg DAP and 20 kg MoP per acre during last ploughing. Sow the short duration varieties @ 25-30 kg/acre behind the plough with maintaining 15-20 cm row to row distance. Before sowing seed should be treated with Trichoderma viride @ 10 g or Carbendazim 50% WP @ 1.5 g/kg seed. After received of sufficient rainfall, farmers are advised for sowing of dhanicha seeds @ 12 kg/acre prior to the transplanting of paddy so that the dhanicha crop will be 3-4 weeks old before 10-15 days of transplanting of rice. Apply all phosphatic fertilizers of Kharif rice to this green manuring crop in advance. Raise the nursery for transplanted kharif rice. 400 m² area is required for one acre land. Prepare a 3 feet width and 6 inch raised bed with suitable length keeping 1 feet between two beds for irrigation and drainage. 40 baskets of FYM, 12 kg SSP and 2 kg MoP is required for 400 m² nursery area.

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

JUTE: Recent rain has aggravated **weed problem** in early sown crop. To control grass weeds, apply Quizalofop-pethyl @ 2ml/litre of water at 2-3 leaf stage of weeds. After rain in vegetative stage to control **stem rot of jute**, spray copper oxychloride @ 3-4 gram/litre of water. Farmers should be alert about the initial infestation of **hairy caterpillar, grey weevils and yellow mites** after rain when the temperature rises with high humidity. Control: i) Spray Lambda Cyhalothrin 5EC @ 1ml/lit or Indoxacarb 14.5 SC @ 1.0 ml/litre in extreme cases of hairy caterpillar. Spray combination of (Chlorpyrifos 50 EC + Cypermethrin 5 EC) @ 1-1.5 ml/l or Chlorpyrifos 20 EC @ 2ml/litre or Quinalphos 25 EC @ 1.25 ml/litre to control grey weevils. To control yellow mite spray Fenpyroximate @ 25ml/15lit water with sticker and repeat the same in consequent next 14 days.

VEGETABLES: Chances of moderate rainfall during next five days. So, make arrangement for drain out excess water from vegetables field.

- **Fruit and vine rot, leaf blight of pointed gourd** may observe. Remove damaged fruit and vines from the field and should not be kept in and around the field. Spray alternately Copper oxychloride 50% WP @ 3 g/litre of water and Metalaxyl 8% + Mancozeb 64% @ 2.5 g/litre of water in a sunny day
- Due to Past rain, Chances of **fruit rot** infestation in **chilli and brinjal**, if observe spray Carbendazim 50% WP @ 2 g/litre of water or Copper oxychloride 50% WP @ 3 g/litre of water. If necessary spray second and third round at 15 days interval.
- **Seedling rot** is likely to appear in vegetable nursery after rain. Spray Metalaxyl + Mancozeb/Carboxin + Thiram @ 2g/litre or Copper oxychloride @ 2.5g/litre of water to control it.
- After cessation of rain, **downy mildew disease** will appear in **cucurbits**. To control it, go for alternate spray of Metalaxyl + Mancozeb @ 2g/litre and Azoxystrobin + Tebuconazole @ 0.6g/litre of water at 10 days interval.
- **Wilting** may observe in **tomato and brinjal** field, to control it drenching with Copper oxychloride 50% WP @ 3 g + Plantomycin @ 1 g/litre of water.
- Current weather favours spread of **YMV** in **Ladies finger**. In case of appearance of diseases, rogue out affected plants and spray Thiomethoxam 25WG @ 60g/acre.

Animal Husbandry: Provide sufficient clean drinking water to animals. Contact departmental personnel for vaccination. Keep the animal shed clean and dry. Keep the livestock indoors during rainfall.

Dr Sujata Sethy
(Nodal officer)



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



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



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

Email: kvkcuttack@gmail.com



Bulletin No.-202
Date- 16/06/2021

AGROMET ADVISORY BULLETIN FOR TIGIRIA

District Past week average weather condition and Block past week average Rainfall condition

The block received average 13mm and district received average 14mm rainfall during the last week. The mean daily maximum and minimum temperature was 32°C and 25°C, respectively. Mean relative humidity of the district was around 89-69%.

Forecasted period: Today(8.30IST) to 21st June (8.30IST)2021

Weather advisory: Moderate rainfall is forecasted for Friday and Very light to light rainfall is forecasted for other 4 days in the block. The day temperature will be 24-33°C and night temperature will be 22-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 69-91% and 36-61% respectively. There will be partly cloudy to overcast sky for next 5 days.

| Block | Tigiria (VALID TILL 08:30 IST OF THE NEXT 5 DAYS) | | | | |
|----------------------|---|------------|------------|------------|------------|
| Date | 17/06/2021 | 18/06/2021 | 19/06/2021 | 20/06/2021 | 21/06/2021 |
| Rainfall(mm) | 4 | 9 | 18 | 1 | 4 |
| T-Max(°C) | 33 | 31 | 30 | 27 | 24 |
| T-Min(°C) | 26 | 25 | 23 | 22 | 22 |
| Cloud Cover(octa) | 8 | 8 | 8 | 8 | 3 |
| RH Max (%) | 69 | 69 | 91 | 72 | 77 |
| RH Min (%) | 36 | 41 | 41 | 52 | 61 |
| Wind Speed (Kmph) | 15 | 10 | 11 | 12 | 10 |
| Wind Direction (deg) | 203 | 290 | 285 | 259 | 238 |

Agromet Advisory

General General advisory: In view of CRIS rainfall map Cuttack received 68% more (Larger excess) rainfall than normal in between 1st June to 15th June. So

- Complete sowing of paddy seeds in dry nursery in raised bed of 6 inch height and 3 ft wide with convenient length.
- Drain out excess water from the nursery during day time.
- Make drainage channels in medium and low land crop field.
- As monsoon is active go for dry bed nursery sowing.

Kharif rice: Sowing should be started soon after received of good amount (weekly av 10mm) of early monsoon showers where direct seeding is practiced. Incorporate FYM or compost @ 2000 Kg/acre. Apply 26 kg DAP and 20 kg MoP per acre during last ploughing. Sow the short duration varieties @ 25-30 kg/acre behind the plough with maintaining 15-20 cm row to row distance. Before sowing seed should be treated with Trichoderma viride @ 10 g or Carbendazim 50% WP @ 1.5 g/kg seed. After received of sufficient rainfall, farmers are advised for sowing of dhanicha seeds @ 12 kg/acre prior to the transplanting of paddy so that the dhanicha crop will be 3-4 weeks old before 10-15 days of transplanting of rice. Apply all phosphatic fertilizers of Kharif rice to this green manuring crop in advance. Raise the nursery for transplanted kharif rice. 400 m² area is required for one acre land. Prepare a 3 feet width and 6 inch raised bed with suitable length keeping 1 feet between two beds for irrigation and drainage. 40 baskets of FYM, 12 kg SSP and 2 kg MoP is required for 400 m² nursery area.

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| MEGHDOOT APP | DAMINI APP | FACEBOOK (Damu Cuttack) | BLOCK SPECIFIC WHAT'S APP GROUPS |

- Kindly install and use **“Meghdoot mobile App”** for Cuttack district weather forecast, warnings and weather based agromet advisory services.
<https://play.google.com/store/apps/details?id=com.aas.meghdoot>
- Kindly install and use **“Damini mobile App”** for location specific for lightening forecast and warnings.
<https://play.google.com/store/apps/details?id=com.lightening.live.damini>
- Follow the **block specific whats app groups** and join in your block wise groups for getting weather based agromet advisory services twice in a week (Tuesday and Friday) and other weather warning based farm management advisories.
- Follow the **Official Website links** to get the weather based agromet advisory service bulletins **(English & Odia)** twice in a week (Tuesday and Friday).

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|---|-----------------------------|---|---|
| 1 | ICAR-NRRI, Cuttack, Odisha | https://icar-nrri.in/agromate/ |  |
| 2 | Agrimet division, IMD, Pune | https://imdagrmet.gov.in/imdproject/AGIndex.php |  |