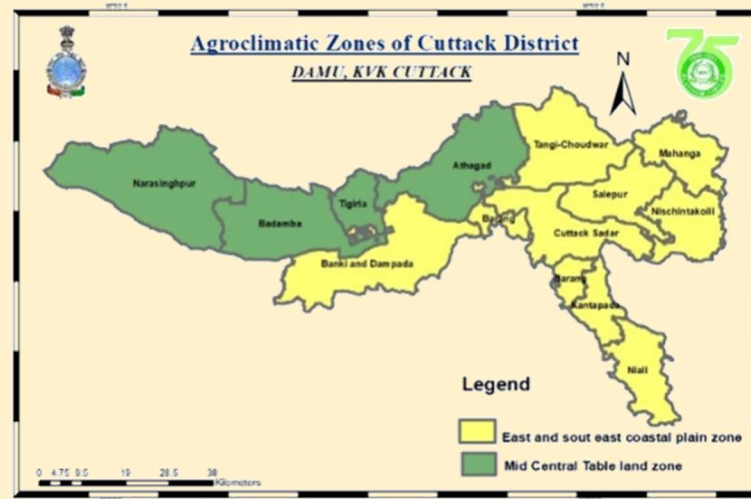




Cuttack District Block Wise Agro-met Advisory Service Bulletin

*Friday, 28th June, 2024
 (For the period 28th June to 02nd July,
 2024)*

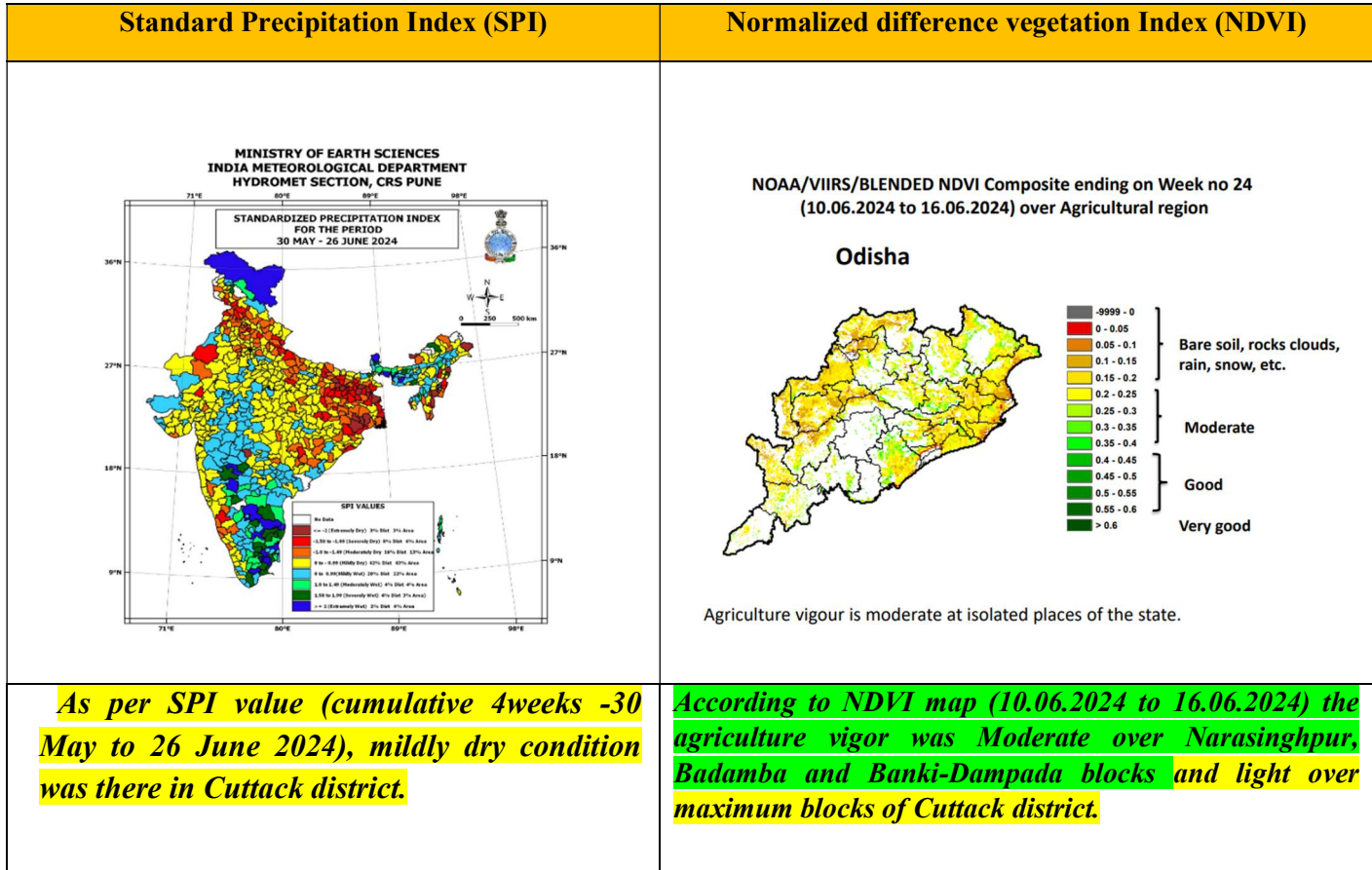


*Issued by
 District Agro-met Unit,
 KrishiVigyan Kendra Cuttack*





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 to very heavy rainfall	66-115 mm
	Extremely heavy rainfall	>116 mm

LEGEND (Past week temperature)		
Color code	Temperature	Departure
	Below Normal	< 2°C from normal
	Normal	-2°C to +2°C from normal
	Above Normal	>2°C from normal





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/damukvkcuttack@gmail.com

Bulletin No.-507
Date- 28/06/2024

Weather (Past and Forecasted) based Disease and pest in Major Crops and vegetables

SI No	Crop	Stage and condition of the crop	Anticipated Disease and pest	
1	Rice	Nursery stage		Seedling blight
				Blast
2	Sugarcane	Vegetative to tillering		Red rot
				White fly
3	Maize	Vegetative		Anthracnose
				Stalk rot
4	Jute	30-50days/Vegetative		Stem Rot
				Jute Hairy caterpillar
				Yellow mite
5	Brinjal	Fruiting		Phomopsis Blight
				Fruit and shoot borer

Dr Ranjan Kumar Mohanta
(Nodal officer)



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Bulletin No.-507
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6	Tomato	Fruting		Bacterial wilt
				Seedling rot
7	Cowpea			Rust
8	Cucurbits	Flowering to Fruiting stage		Downy mildew
				Leaf blight
				Leaf Spot
9	Okra	Fruiting		YMV
10	Banana			Sigatoka
11	Papaya			YMV





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Bulletin No.-507
Date- 28/06/2024

AGROMET ADVISORY BULLETIN FOR ATHAGAD

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

The block received average 05mm and district received average 10 mm rainfall during the last week. The mean daily maximum and minimum temperature was 34.88°C (+1.64 from normal) and 25.58°C (+1.34 from normal), respectively. The mean relative humidity was 77-84%.

Forecasted period: Today(8.30IST) to 03rd July (8.30IST)2024

Weather advisory: Moderate rainfall/thundershower is forecasted in between today to Sunday and very light to light rainfall/thundershower is forecasted in between Monday and Tuesday in the block. The day temperature will be 30-35°C and night temperature will be 25-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 65-75% and 40-49% respectively. There will be clear to partly cloudy sky for next 5 days.

Block	Athagad (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	28/06/2024	29/06/2024	30/06/2024	01/07/2024	02/07/2024
Rainfall (mm)	24	20	14	06	03
T-Max (°C)	35	32	32	32	30
T-Min (°C)	27	27	26	25	25
Cloud Cover (octa)	8	8	8	8	8
RH Max (%)	70	75	69	65	72
RH Min (%)	40	49	49	43	48
Wind Speed (kmph)	12	13	14	17	14
Wind Direction (deg)	195	248	246	249	257

Agromet Advisory

General advisory: Pause sowing of rice. Drain out excess water from the nursery during day time. Make drainage channels in medium and low land crop field. As monsoon will be active go for dry bed nursery sowing after rainfall activity. Postpone irrigation, inter-cultural operations, application of plant protection measures and fertilizers to the standing crops in upcoming 5 days.

Kharif rice:

DIRECT SEEDED RICE:

After recent rain, farmers those who have grown direct seeded paddy, spray Pyrazosulfuron ethyl @ 20g a.i. ha-1 in 750 litres after 7 days of germination of paddy. At latter stages, apply Bispyribac sodium @ 80ml/acre at 2 to 3 leaf stages of the weeds.

TRANSPLANTED RICE:

Apply 400-gram Chlorantraniliprole 0.4 % G or 800-gram Cartap Hydrochloride 4% GR in the 10 decimal nursery area 7 days before transplanting to manage gall midge, stem borer, caseworm, leaf folder and root knot nematode up to 3 weeks after transplanting

Prevailing weather condition may lead to infestation of rice blast and BLB in rice nursery. If leaf blast is observed in nursery, spray Tebuconazole 50% + Trifloxystrobin 25% WG @ 0.4 g or Isoprothiolane 40EC @ 1.5 ml per litre of water. Repeat the spray at 7-10 days interval. Intermittent dry and wet weather condition, is favourable for incidence of BLB in early sown nursery the seedlings. Go for foliar spray of Hexaconazole @ 1.5ml/l along with Plantomycin @ 1.0 g/l to prevent the spread of the disease.

Maize:

Early sown crop is at 3 week stage. Go for hoeing and wedding. Apply 16 kg Nitrogen /ac followed by earthing up. Due to extended period of cloudy and rainy weather there may be chances of infestation of Anthracnose and bacterial stalk rot disease in Maize, especially at seedling to vegetative stage. To control Anthracnose apply some suitable Fungicide and to control Stalk rot apply Cupper oxychloride based chemicals in dry days.

VEGETABLES AND FRUITS:

- **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.

Fruits:

Spray mancozeb 2g/litre, to control sigatoka leaf spot in **banana**. To control papaya yellow mosaic virus, spray Imidachloprid @ 0.5 ml / litre.

Animal Husbandry:

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

Dr Ranjan Kumar Mohanta
(Nodal officer)



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Bulletin No.-507

Date- 28/06/2024

AGROMET ADVISORY BULLETIN FOR BADAMBA

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

The block received average 01mm and district received average 10 mm rainfall during the last week. The mean daily maximum and minimum temperature was 34.88°C (+1.64 from normal) and 25.58°C (+1.34 from normal), respectively. The mean relative humidity was 77-84%.

Forecasted period: Today(8.30IST) to 03rd July (8.30IST)2024

Weather advisory: Moderate with isolated heavy rainfall/thundershower is forecasted in between today to Sunday and very light to light rainfall/thundershower is forecasted in between Monday and Tuesday in the block. The day temperature will be 30-34°C and night temperature will be 24-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 67-76% and 42-52% respectively. There will be clear to partly cloudy sky for next 5 days.

Block	Badamba (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	28/06/2024	29/06/2024	30/06/2024	01/07/2024	02/07/2024
Rainfall(mm)	32	22	14	07	04
T-Max(°C)	34	32	32	32	30
T-Min(°C)	26	26	25	25	24
Cloud Cover(octa)	8	8	8	8	8
RH Max (%)	74	76	70	67	74
RH Min (%)	42	52	48	45	49
Wind Speed (Kmph)	11	11	14	17	14
Wind Direction (deg)	203	244	246	249	257

Agromet Advisory

General advisory: Pause sowing of rice. Drain out excess water from the nursery during day time. Make drainage channels in medium and low land crop field. As monsoon will be active go for dry bed nursery sowing after rainfall activity. Postpone irrigation, intercultural operations, application of plant protection measures and fertilizers to the standing crops in upcoming 5 days.

Kharif rice:

DIRECT SEEDED RICE:

After recent rain, farmers those who have grown direct seeded paddy, spray Pyrazosulfuron ethyl@20g a.i. ha-1 in 750 litres after 7 days of germination of paddy. At latter stages, apply Bispyribac sodium@80ml/acre at 2 to 3 leaf stages of the weeds.

TRANSPLANTED RICE:

Apply 400-gram Chlorantraniliprole 0.4 % G or 800-gram Cartap Hydrochloride 4% GR in the 10 decimal nursery area 7 days before transplanting to manage gall midge, stem borer, caseworm, leaf folder and root knot nematode up to 3 weeks after transplanting

Prevailing weather condition may lead to infestation of rice blast and BLB in rice nursery. If leaf blast is observed in nursery, spray Tebuconazole 50% + Trifloxystrobin 25% WG@ 0.4 g or Isoprothiolane 40EC @ 1.5 ml per litre of water. Repeat the spray at 7-10 days interval. Intermittent dry and wet weather condition, is favourable for incidence of BLB in early sown nursery the seedlings. Go for foliar spray of Hexaconazole@1.5ml/l along with Plantomycin@1.0 g/l to prevent the spread of the disease.

Maize:

Early sown crop is at 3 week stage. Go for hoeing and wedding. Apply 16 kg Nitrogen /ac followed by earthing up. Due to extended period of cloudy and rainy weather there may be chances of infestation of Anthracnose and bacterial stalk rot disease in Maize, especially at seedling to vegetative stage. To control Anthracnose apply some suitable Fungicide and to control Stalk rot apply Cupper oxychloride based chemicals in dry days.

VEGETABLES AND FRUITS:

- **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.

Fruits:

Spray mancozeb 2g/litre, to control sigatoka leaf spot in **banana**. To control papaya yellow mosaic virus, spray Imidachloprid @ 0.5 ml / litre.

Animal Husbandry:

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

Dr Ranjan Kumar Mohanta
(Nodal officer)



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**Bulletin No.-507
Date- 28/06/2024**

AGROMET ADVISORY BULLETIN FOR BANKI

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

The district received average 10 mm rainfall during the last week. The mean daily maximum and minimum temperature was 34.88°C (+1.64 from normal) and 25.58°C (+1.34 from normal), respectively. The mean relative humidity was 77-84%.

Forecasted period: Today(8.30IST) to 03rd July (8.30IST)2024

Weather advisory:: Moderate with isolated heavy rainfall/thundershower is forecasted in between today to Sunday and very light to light rainfall/thundershower is forecasted in between Monday and Tuesday in the block. The day temperature will be 30-34°C and night temperature will be 24-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 65-75% and 43-48% respectively. There will be clear to partly cloudy sky for next 5 days.

Block	Banki(VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	28/06/2024	29/06/2024	30/06/2024	01/07/2024	02/07/2024
Rainfall(mm)	31	21	13	07	04
T-Max(°C)	34	32	32	33	30
T-Min(°C)	27	26	26	25	24
Cloud Cover(octa)	8	8	8	8	8
RH Max (%)	70	75	69	65	72
RH Min (%)	43	47	48	43	45
Wind Speed (Kmph)	13	13	14	18	15
Wind Direction (deg)	205	244	246	249	252

Agromet Advisory

General advisory: Pause sowing of rice. Drain out excess water from the nursery during day time. Make drainage channels in medium and low land crop field. As monsoon will be active go for dry bed nursery sowing after rainfall activity. Postpone irrigation, intercultural operations, application of plant protection measures and fertilizers to the standing crops in upcoming 5 days.

Kharif rice:

DIRECT SEEDED RICE:

After recent rain, farmers those who have grown direct seeded paddy, spray Pyrazosulfuron ethyl@20g a.i. ha-1 in 750 litres after 7 days of germination of paddy. At latter stages, apply Bispyribac sodium@80ml/acre at 2 to 3 leaf stages of the weeds.

TRANSPLANTED RICE:

Apply 400-gram Chlorantraniliprole 0.4 % G or 800-gram Cartap Hydrochloride 4% GR in the 10 decimal nursery area 7 days before transplanting to manage gall midge, stem borer, caseworm, leaf folder and root knot nematode up to 3 weeks after transplanting

Prevailing weather condition may lead to infestation of rice blast and BLB in rice nursery. If leaf blast is observed in nursery, spray Tebuconazole 50% + Trifloxystrobin 25% WG@ 0.4 g or Isoprothiolane 40EC @ 1.5 ml per litre of water. Repeat the spray at 7-10 days interval. Intermittent dry and wet weather condition, is favourable for incidence of BLB in early sown nursery the seedlings. Go for foliar spray of Hexaconazole@1.5ml/l along with Plantomycin@1.0 g/l to prevent the spread of the disease.

Maize:

Early sown crop is at 3 week stage. Go for hoeing and wedding. Apply 16 kg Nitrogen /ac followed by earthing up. Due to **extended period of cloudy and rainy weather** there may be chances of infestation of Anthracnose and bacterial stalk rot disease in Maize, especially at seedling to vegetative stage. To control Anthracnose apply some suitable Fungicide and to control Stalk rot apply Copper oxychloride based chemicals in dry days.

VEGETABLES AND FRUITS:

- **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.

Fruits:

Spray mancozeb 2g/litre, to control sigatoka leaf spot in **banana**. To control papaya yellow mosaic virus, spray Imidachloprid @ 0.5 ml / litre.

Animal Husbandry:

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

**Dr Ranjan Kumar Mohanta
(Nodal officer)**



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Bulletin No.-507
Date- 28/06/2024

AGROMET ADVISORY BULLETIN FOR BANKI-DAMPARA

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

The block received average 14mm and district received average 10 mm rainfall during the last week. The mean daily maximum and minimum temperature was 34.88°C (+1.64 from normal) and 25.58°C (+1.34 from normal), respectively. The mean relative humidity was 77-84%.

Forecasted period: Today(8.30IST) to 03rd July (8.30IST)2024

Weather Advisory: Moderate with isolated heavy rainfall/thundershower is forecasted in between today to Sunday and very light to light rainfall/thundershower is forecasted in between Monday and Tuesday in the block. The day temperature will be 30-34°C and night temperature will be 25-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 65-75% and 43-49% respectively. There will be clear to partly cloudy sky for next 5 days.

Block	Banki-Dampara (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	28/06/2024	29/06/2024	30/06/2024	01/07/2024	02/07/2024
Rainfall(mm)	31	21	13	07	04
T-Max(°C)	34	32	32	33	30
T-Min(°C)	27	26	26	25	25
Cloud Cover(octa)	8	8	8	8	8
RH Max (%)	69	75	69	65	72
RH Min (%)	43	47	49	43	45
Wind Speed (Kmph)	13	13	14	18	15
Wind Direction (deg)	205	244	246	249	252

Agromet Advisory

General advisory: Pause sowing of rice. Drain out excess water from the nursery during day time. Make drainage channels in medium and low land crop field. As monsoon will be active go for dry bed nursery sowing after rainfall activity. Postpone irrigation, inter-cultural operations, application of plant protection measures and fertilizers to the standing crops in upcoming 5 days.

Kharif rice:

DIRECT SEEDED RICE:

After recent rain, farmers those who have grown direct seeded paddy, spray Pyrazosulfuron ethyl@20g a.i. ha⁻¹ in 750 litres after 7 days of germination of paddy. At latter stages, apply Bispyribac sodium@80ml/acre at 2 to 3 leaf stages of the weeds.

TRANSPLANTED RICE:

Apply 400-gram Chlorantraniliprole 0.4 % G or 800-gram Cartap Hydrochloride 4% GR in the 10 decimal nursery area 7 days before transplanting to manage gall midge, stem borer, caseworm, leaf folder and root knot nematode up to 3 weeks after transplanting

Prevailing weather condition may lead to infestation of rice blast and BLB in rice nursery. If leaf blast is observed in nursery, spray Tebuconazole 50% + Trifloxystrobin 25% WG@ 0.4 g or Isoprothiolane 40EC @ 1.5 ml per litre of water. Repeat the spray at 7-10 days interval. Intermittent dry and wet weather condition, is favourable for incidence of BLB in early sown nursery the seedlings. Go for foliar spray of Hexaconazole@1.5ml/l along with Plantomycin@1.0 g/l to prevent the spread of the disease.

Maize:

Early sown crop is at 3 week stage. Go for hoeing and wedding. Apply 16 kg Nitrogen /ac followed by earthing up. Due to extended period of cloudy and rainy weather there may be chances of infestation of Anthracnose and bacterial stalk rot disease in Maize, especially at seedling to vegetative stage. To control Anthracnose apply some suitable Fungicide and to control Stalk rot apply Cupper oxychloride based chemicals in dry days.

VEGETABLES AND FRUITS:

- 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.

Fruits:

Spray mancozeb 2g/litre, to control sigatoka leaf spot in **banana**. To control papaya yellow mosaic virus, spray Imidachloprid @ 0.5 ml / litre.

Animal Husbandry:

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

Dr Ranjan Kumar Mohanta
(Nodal officer)



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Bulletin No.-507
 Date- 28/06/2024

AGROMET ADVISORY BULLETIN FOR BARANGA

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

The block received average 08mm and district received average 10 mm rainfall during the last week. **The mean daily maximum and minimum temperature was 34.88°C (+1.64 from normal) and 25.58°C (+1.34 from normal), respectively.** The mean relative humidity was 77-84%.

Forecasted period: Today(8.30IST) to 03rd July (8.30IST)2024

Weather advisory: *Moderate rainfall/thundershower is forecasted in between today and tomorrow and very light to light rainfall/thundershower is forecasted in between Sunday to Tuesday in the block.* The day temperature will be 30-34°C and night temperature will be 26-28°C for upcoming 5 days. Maximum and minimum relative humidity will be 63-73% and 41-53% respectively. There will be clear to partly cloudy sky for next 5 days.

Block	Baranga (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	28/06/2024	29/06/2024	30/06/2024	01/07/2024	02/07/2024
Rainfall(mm)	24	20	09	06	03
T-Max(°C)	34	33	32	32	30
T-Min(°C)	28	27	27	26	26
Cloud Cover	8	8	8	8	8
RH Max (%)	65	73	69	63	68
RH Min (%)	41	43	53	43	45
Wind Speed (Kmph)	14	16	16	18	16
Wind Direction (deg)	203	238	248	248	252

Agromet Advisory

General advisory: *Pause sowing of rice. Drain out excess water from the nursery during day time. Make drainage channels in medium and low land crop field. As monsoon will be active go for dry bed nursery sowing after rainfall activity. Postpone irrigation, intercultural operations, application of plant protection measures and fertilizers to the standing crops in upcoming 5 days.*

Kharif rice:

DIRECT SEEDED RICE:

After recent rain, farmers those who have grown direct seeded paddy, spray Pyrazosulfuron ethyl@20g a.i. ha-1 in 750 litres after 7 days of germination of paddy. At latter stages, apply Bispyribac sodium@80ml/acre at 2 to 3 leaf stages of the weeds.

TRANSPLANTED RICE:

Apply 400-gram Chlorantraniliprole 0.4 % G or 800-gram Cartap Hydrochloride 4% GR in the 10 decimal nursery area 7 days before transplanting to manage gall midge, stem borer, caseworm, leaf folder and root knot nematode up to 3 weeks after transplanting

Prevailing weather condition may lead to infestation of rice blast and BLB in rice nursery. If leaf blast is observed in nursery, spray Tebuconazole 50% + Trifloxystrobin 25% WG@ 0.4 g or Isoprothiolane 40EC @ 1.5 ml per litre of water. Repeat the spray at 7-10 days interval. Intermittent dry and wet weather condition, is favourable for incidence of BLB in early sown nursery the seedlings. Go for foliar spray of Hexaconazole@1.5ml/l along with Plantomycin@1.0 g/l to prevent the spread of the disease.

Maize:

Early sown crop is at 3 week stage. Go for hoeing and weeding. Apply 16 kg Nitrogen /ac followed by earthing up. Due to **extended period of cloudy and rainy weather** there may be chances of infestation of Anthracnose and bacterial stalk rot disease in Maize, especially at seedling to vegetative stage. To control Anthracnose apply some suitable Fungicide and to control Stalk rot apply Copper oxychloride based chemicals in dry days.

VEGETABLES AND FRUITS:

- **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.

Fruits:

Spray mancozeb 2g/litre, to control sigatoka leaf spot in **banana**. To control papaya yellow mosaic virus, spray Imidachloprid @ 0.5 ml / litre.

Animal Husbandry:

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

Dr Ranjan Kumar Mohanta
 (Nodal officer)



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**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/damukvkcuttack@gmail.com

Bulletin No.-507
Date- 28/06/2024

AGROMET ADVISORY BULLETIN FOR CUTTACK SADAR

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

The block received average 14mm and district received average 10 mm rainfall during the last week. The mean daily maximum and minimum temperature was 34.88°C (+1.64 from normal) and 25.58°C (+1.34 from normal), respectively. The mean relative humidity was 77-84%.

Forecasted period: Today(8.30IST) to 03rd July (8.30IST)2024

Weather advisory: Moderate rainfall/thundershower is forecasted in between today and tomorrow and very light to light rainfall/thundershower is forecasted in between Sunday to Tuesday in the block. The day temperature will be 30-34°C and night temperature will be 26-28°C for upcoming 5 days. Maximum and minimum relative humidity will be 63-73% and 40-49% respectively. There will be clear to partly cloudy sky for next 5 days.

Block	Cuttack sadar (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	28/06/2024	29/06/2024	30/06/2024	01/07/2024	02/07/2024
Rainfall(mm)	25	21	09	06	03
T-Max(°C)	34	33	32	32	30
T-Min(°C)	28	27	27	26	26
Cloud Cover(octa)	8	8	8	8	8
RH Max (%)	67	73	68	63	70
RH Min (%)	40	45	49	42	47
Wind Speed (Kmph)	14	15	16	18	16
Wind Direction (deg)	203	236	248	248	257

Agromet Advisory

General advisory: Pause sowing of rice. Drain out excess water from the nursery during day time. Make drainage channels in medium and low land crop field. As monsoon will be active go for dry bed nursery sowing after rainfall activity. Postpone irrigation, intercultural operations, application of plant protection measures and fertilizers to the standing crops in upcoming 5 days.

Kharif rice:

DIRECT SEEDED RICE:

After recent rain, farmers those who have grown direct seeded paddy, spray Pyrazosulfuron ethyl@20g a.i. ha-1 in 750 litres after 7 days of germination of paddy. At latter stages, apply Bispyribac sodium@80ml/acre at 2 to 3 leaf stages of the weeds.

TRANSPLANTED RICE:

Apply 400-gram Chlorantraniliprole 0.4 % G or 800-gram Cartap Hydrochloride 4% GR in the 10 decimal nursery area 7 days before transplanting to manage gall midge, stem borer, caseworm, leaf folder and root knot nematode up to 3 weeks after transplanting

Prevailing weather condition may lead to infestation of rice blast and BLB in rice nursery. If leaf blast is observed in nursery, spray Tebuconazole 50% + Trifloxystrobin 25% WG@ 0.4 g or Isoprothiolane 40EC @ 1.5 ml per litre of water. Repeat the spray at 7-10 days interval. Intermittent dry and wet weather condition, is favourable for incidence of BLB in early sown nursery the seedlings. Go for foliar spray of Hexaconazole@1.5ml/l along with Plantomycin@1.0 g/l to prevent the spread of the disease.

Suagrcane:

For Red rot and wilt disease, spray the crop with Mancozeb 0.3% or carbendazim 0.1% or Azoxystrobin 18.2%SC/ Difenconazole 11.45SC @ 1ml per liter water in dry days. weather is conducive for temperatures between 29-35 degree Celsius, humidity 60-70 %; this may favour the growth of Whiteflies in sugarcane; provide irrigation which facilitates the 12 soil moisture and reduces the multiplication; spray Thiamethoxam 25 WG @ 125g/ha or apply Chloropyrifos @ 2.5ml/litre water.

VEGETABLES AND FRUITS:

- **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.

Fruits: Spray mancozeb 2g/litre, to control sigatoka leaf spot in **banana**. To control papaya yellow mosaic virus, spray Imidachloprid @ 0.5 ml / litre.

Animal Husbandry:

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

Dr Ranjan Kumar Mohanta
(Nodal officer)



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Bulletin No.-507
Date- 28/06/2024

AGROMET ADVISORY BULLETIN FOR KANTAPADA

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

The block received average 23mm and district received average 10 mm rainfall during the last week. The mean daily maximum and minimum temperature was 34.88°C (+1.64 from normal) and 25.58°C (+1.34 from normal), respectively. The mean relative humidity was 77-84%.

Forecasted period: Today(8.30IST) to 03rd July (8.30IST)2024

Weather advisory: Moderate rainfall/thundershower is forecasted in between today and tomorrow and very light to light rainfall/thundershower is forecasted in between Sunday to Tuesday in the block. The day temperature will be 31-33°C and night temperature will be 26-29°C for upcoming 5 days. Maximum and minimum relative humidity will be 64-72% and 43-54% respectively. There will be clear to partly cloudy sky for next 5 days.

Block	Kantapada (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	28/06/2024	29/06/2024	30/06/2024	01/07/2024	02/07/2024
Rainfall(mm)	25	20	10	07	03
T-Max(°C)	33	33	31	31	31
T-Min(°C)	29	27	27	27	26
Cloud Cover(octa)	8	8	8	8	8
RH Max (%)	65	72	70	64	69
RH Min (%)	45	43	54	46	44
Wind Speed (Kmph)	15	17	17	19	17
Wind Direction (deg)	207	225	243	248	249

Agromet Advisory

General advisory: Pause sowing of rice. Drain out excess water from the nursery during day time. Make drainage channels in medium and low land crop field. As monsoon will be active go for dry bed nursery sowing after rainfall activity. Postpone irrigation, inter-cultural operations, application of plant protection measures and fertilizers to the standing crops in upcoming 5 days.

Kharif rice:

DIRECT SEEDED RICE:

After recent rain, farmers those who have grown direct seeded paddy, spray Pyrazosulfuron ethyl@20g a.i. ha-1 in 750 litres after 7 days of germination of paddy. At latter stages, apply Bispyribac sodium@80ml/acre at 2 to 3 leaf stages of the weeds.

TRANSPLANTED RICE:

Apply 400-gram Chlorantraniliprole 0.4 % G or 800-gram Cartap Hydrochloride 4% GR in the 10 decimal nursery area 7 days before transplanting to manage gall midge, stem borer, caseworm, leaf folder and root knot nematode up to 3 weeks after transplanting

Prevailing weather condition may lead to infestation of rice blast and BLB in rice nursery. If leaf blast is observed in nursery, spray Tebuconazole 50% + Trifloxystrobin 25% WG@ 0.4 g or Isoprothiolane 40EC @ 1.5 ml per litre of water. Repeat the spray at 7-10 days interval. Intermittent dry and wet weather condition, is favourable for incidence of BLB in early sown nursery the seedlings. Go for foliar spray of Hexaconazole@1.5ml/l along with Plantomycin@1.0 g/l to prevent the spread of the disease.

Suagrcane:

For Red rot and wilt disease, spray the crop with Mancozeb 0.3% or carbendazim 0.1% or Azoxystrobin 18.2%SC/ Difenconazole 11.45SC @ 1ml per liter water in dry days. weather is conducive for temperatures between 29-35 degree Celsius, humidity 60-70 %; this may favour the growth of Whiteflies in sugarcane; provide irrigation which facilitates the 12 soil moisture and reduces the multiplication; spray Thiamethoxam 25 WG @ 125g/ha or apply Chloropyrifos @ 2.5ml/litre water.

VEGETABLES AND FRUITS:

- **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.

Fruits: Spray mancozeb 2g/litre, to control sigatoka leaf spot in **banana**. To control papaya yellow mosaic virus, spray Imidachloprid @ 0.5 ml / litre.

Animal Husbandry:

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

Dr Ranjan Kumar Mohanta
(Nodal officer)



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Bulletin No.-507
Date- 28/06/2024

AGROMET ADVISORY BULLETIN FOR MAHANGA

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

The block received average 17mm and district received average 10 mm rainfall during the last week. The mean daily maximum and minimum temperature was 34.88°C (+1.64 from normal) and 25.58°C (+1.34 from normal), respectively. The mean relative humidity was 77-84%.

Forecasted period: Today(8.30IST) to 03rd July (8.30IST)2024

Weather advisory: Moderate rainfall/thundershower is forecasted in between today to Sunday and very light to light rainfall/thundershower is forecasted in between Monday and Tuesday in the block. The day temperature will be and it will be 31-34°C and night temperature will be 26-28°C for upcoming 5 days. Maximum and minimum relative humidity will be 62-71% and 43-48% respectively. There will be clear to partly cloudy sky for next 5 days.

Block	Mahanga (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	28/06/2024	29/06/2024	30/06/2024	01/07/2024	02/07/2024
Rainfall(mm)	25	22	14	06	04
T-Max(°C)	33	34	33	32	31
T-Min(°C)	28	27	27	26	26
Cloud Cover(octal)	8	8	8	8	8
RH Max (%)	67	71	67	62	68
RH Min (%)	46	43	48	43	46
Wind Speed (Kmph)	15	18	19	20	19
Wind Direction (deg)	200	225	248	248	252

Agromet Advisory

General advisory: Pause sowing of rice. Drain out excess water from the nursery during day time. Make drainage channels in medium and low land crop field. As monsoon will be active go for dry bed nursery sowing after rainfall activity. Postpone irrigation, intercultural operations, application of plant protection measures and fertilizers to the standing crops in upcoming 5 days.

Kharif rice:

DIRECT SEEDED RICE:

After recent rain, farmers those who have grown direct seeded paddy, spray Pyrazosulfuron ethyl@20g a.i. ha-1 in 750 litres after 7 days of germination of paddy. At latter stages, apply Bispyribac sodium@80ml/acre at 2 to 3 leaf stages of the weeds.

TRANSPLANTED RICE:

Apply 400-gram Chlorantraniliprole 0.4 % G or 800-gram Cartap Hydrochloride 4% GR in the 10 decimal nursery area 7 days before transplanting to manage gall midge, stem borer, caseworm, leaf folder and root knot nematode up to 3 weeks after transplanting

Prevailing weather condition may lead to infestation of rice blast and BLB in rice nursery. If leaf blast is observed in nursery, spray Tebuconazole 50% + Trifloxystrobin 25% WG@ 0.4 g or Isoprothiolane 40EC @ 1.5 ml per litre of water. Repeat the spray at 7-10 days interval. Intermittent dry and wet weather condition, is favourable for incidence of BLB in early sown nursery the seedlings. Go for foliar spray of Hexaconazole@1.5ml/l along with Plantomycin@1.0 g/l to prevent the spread of the disease.

Suagrcane:

For Red rot and wilt disease, spray the crop with Mancozeb 0.3% or carbendazim 0.1% or Azoxystrobin 18.2%SC/ Difenconazole 11.45SC @ 1ml per liter water in dry days. weather is conducive for temperatures between 29-35 degree Celsius, humidity 60-70 %; this may favour the growth of Whiteflies in sugarcane; provide irrigation which facilitates the 12 soil moisture and reduces the multiplication; spray Thiamethoxam 25 WG @ 125g/ha or apply Chloropyrifos @ 2.5ml/litre water.

VEGETABLES AND FRUITS:

- **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.

Fruits: Spray mancozeb 2g/litre, to control sigatoka leaf spot in **banana**. To control papaya yellow mosaic virus, spray Imidachloprid @ 0.5 ml / litre.

Animal Husbandry:

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

Dr Ranjan Kumar Mohanta
(Nodal officer)



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Bulletin No.-507
Date- 28/06/2024

AGROMET ADVISORY BULLETIN FOR NARASINGHPUR

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

The block received average 03mm and district received average 10 mm rainfall during the last week. **The mean daily maximum and minimum temperature was 34.88°C (+1.64 from normal) and 25.58°C (+1.34 from normal), respectively.** The mean relative humidity was 77-84%.

Forecasted period: Today(8.30IST) to 03rd July (8.30IST)2024

Weather advisory: Moderate with isolated heavy rainfall/thundershower is forecasted in between today to Sunday and very light to light rainfall/thundershower is forecasted in between Monday and Tuesday in the block. The day temperature will be 29-34°C and night temperature will be 23-24°C for upcoming 5 days. Maximum and minimum relative humidity will be 72-82% and 43-57% respectively. There will be clear to partly cloudy sky for next 5 days.

Block	Narasinghpur (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	28/06/2024	29/06/2024	30/06/2024	01/07/2024	02/07/2024
Rainfall(mm)	32	23	13	07	04
T-Max(°C)	34	30	31	31	29
T-Min(°C)	24	24	24	24	23
Cloud Cover(octa)	8	8	8	8	8
RH Max (%)	80	82	73	72	78
RH Min (%)	43	57	49	50	54
Wind Speed (Kmph)	9	8	11	13	11
Wind Direction (deg)	203	225	248	244	257

Agromet Advisory

General advisory: Pause sowing of rice. Drain out excess water from the nursery during day time. Make drainage channels in medium and low land crop field. As monsoon will be active go for dry bed nursery sowing after rainfall activity. Postpone irrigation, intercultural operations, application of plant protection measures and fertilizers to the standing crops in upcoming 5 days.

Kharif rice:

DIRECT SEEDED RICE:

After recent rain, farmers those who have grown direct seeded paddy, spray Pyrazosulfuron ethyl@20g a.i. ha-1 in 750 litres after 7 days of germination of paddy. At latter stages, apply Bispyribac sodium@80ml/acre at 2 to 3 leaf stages of the weeds.

TRANSPLANTED RICE:

Apply 400-gram Chlorantraniliprole 0.4 % G or 800-gram Cartap Hydrochloride 4% GR in the 10 decimal nursery area 7 days before transplanting to manage gall midge, stem borer, caseworm, leaf folder and root knot nematode up to 3 weeks after transplanting

Prevailing weather condition may lead to infestation of rice blast and BLB in rice nursery. If leaf blast is observed in nursery, spray Tebuconazole 50% + Trifloxystrobin 25% WG@ 0.4 g or Isoprothiolane 40EC @ 1.5 ml per litre of water. Repeat the spray at 7-10 days interval. Intermittent dry and wet weather condition, is favourable for incidence of BLB in early sown nursery the seedlings. Go for foliar spray of Hexaconazole@1.5ml/l along with Plantomycin@1.0 g/l to prevent the spread of the disease.

Maize:

Early sown crop is at 3 week stage. Go for hoeing and wedding. Apply 16 kg Nitrogen /ac followed by earthing up. Due to **extended period of cloudy and rainy weather** there may be chances of infestation of Anthracnose and bacterial stalk rot disease in Maize, especially at seedling to vegetative stage. To control Anthracnose apply some suitable Fungicide and to control Stalk rot apply Cupper oxychloride based chemicals in dry days.

VEGETABLES AND FRUITS:

- **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.

Fruits:

Spray mancozeb 2g/litre, to control sigatoka leaf spot in **banana**. To control papaya yellow mosaic virus, spray Imidachloprid @ 0.5 ml / litre.

Animal Husbandry:

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

Dr Ranjan Kumar Mohanta
(Nodal officer)



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Bulletin No.-507
Date- 28/06/2024

AGROMET ADVISORY BULLETIN FOR NIALI

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

The block received average 09mm and district received average 10 mm rainfall during the last week. **The mean daily maximum and minimum temperature was 34.88°C (+1.64 from normal) and 25.58°C (+1.34 from normal), respectively.** The mean relative humidity was 77-84%.

Forecasted period: Today(8.30IST) to 03rd July (8.30IST)2024

Weather advisory: Moderate rainfall/thundershower is forecasted in the block today and tomorrow and very light to light rainfall/thundershower is forecasted in between Sunday to Tuesday in the block. The day temperature will be 31-34°C and night temperature will be 26-29°C for upcoming 5 days. Maximum and minimum relative humidity will be 65-70% and 44-55% respectively. **There will be clear to partly cloudy sky for next 5days.**

Block	Niali (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	28/06/2024	29/06/2024	30/06/2024	01/07/2024	02/07/2024
Rainfall(mm)	25	21	09	06	04
T-Max(°C)	33	34	31	32	32
T-Min(°C)	29	28	27	27	26
Cloud Cover(octa)	8	8	8	8	8
RH Max (%)	65	70	69	67	70
RH Min (%)	47	45	55	50	44
Wind Speed(Kmph)	17	20	18	20	20
Wind Direction(deg)	207	212	248	246	248

Agromet Advisory

General advisory: Pause sowing of rice. Drain out excess water from the nursery during day time. Make drainage channels in medium and low land crop field. As monsoon will be active go for dry bed nursery sowing after rainfall activity. Postpone irrigation, intercultural operations, application of plant protection measures and fertilizers to the standing crops in upcoming 5 days.

Kharif rice:

DIRECT SEEDED RICE:

After recent rain, farmers those who have grown direct seeded paddy, spray Pyrazosulfuron ethyl@20g a.i. ha-1 in 750 litres after 7 days of germination of paddy. At latter stages, apply Bispyribac sodium@80ml/acre at 2 to 3 leaf stages of the weeds.

TRANSPLANTED RICE:

Apply 400-gram Chlorantraniliprole 0.4 % G or 800-gram Cartap Hydrochloride 4% GR in the 10 decimal nursery area 7 days before transplanting to manage gall midge, stem borer, caseworm, leaf folder and root knot nematode up to 3 weeks after transplanting

Prevailing weather condition may lead to infestation of rice blast and BLB in rice nursery. If leaf blast is observed in nursery, spray Tebuconazole 50% + Trifloxystrobin 25% WG@ 0.4 g or Isoprothiolane 40EC @ 1.5 ml per litre of water. Repeat the spray at 7-10 days interval. Intermittent dry and wet weather condition, is favourable for incidence of BLB in early sown nursery the seedlings. Go for foliar spray of Hexaconazole@1.5ml/l along with Plantomycin@1.0 g/l to prevent the spread of the disease.

Suagrcane:

For **Red rot and wilt disease**, spray the crop with Mancozeb 0.3% or carbendazim 0.1% or Azoxystrobin 18.2%SC/ Difenconazole 11.45SC @ 1ml per liter water in dry days. weather is conducive for temperatures between 29-35 degree Celsius, humidity 60-70 %; this may favour the growth of Whiteflies in sugarcane; provide irrigation which facilitates the 12 soil moisture and reduces the multiplication; spray Thiamethoxam 25 WG @ 125g/ha or apply Chloropyrifos @ 2.5ml/litre water.

VEGETABLES AND FRUITS:

- **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 Thiamethoxam 25WG @ 60g/acre.

Fruits: Spray mancozeb 2g/litre, to control sigatoka leaf spot in **banana**. To control papaya yellow mosaic virus, spray Imidachloprid @ 0.5 ml / litre.

Animal Husbandry:

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

Dr Ranjan Kumar Mohanta
(Nodal officer)



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KRISHI VIGYAN KENDRA CUTTACK



(A Unit of ICAR-National Rice Research Institute)

Email: kvkcuttack@gmail.com/damukvkcuttack@gmail.com

Bulletin No.-507
Date- 28/06/2024

AGROMET ADVISORY BULLETIN FOR NISCHINTAKOILI

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

The block received average 05mm and district received average 10 mm rainfall during the last week. **The mean daily maximum and minimum temperature was 34.88°C (+1.64 from normal) and 25.58°C (+1.34 from normal), respectively.** The mean relative humidity was 77-84%.

Forecasted period: Today(8.30IST) to 03rd July (8.30IST)2024

Weather advisory: *Moderate rainfall/thundershower is forecasted in between today and tomorrow and very light to light rainfall/thundershower is forecasted in between Sunday to Tuesday in the block.* The day temperature will be 31-34°C and night temperature will be 26-29°C for upcoming 5 days. Maximum and minimum relative humidity will be 62-71% and 43-52% respectively. There will be clear to partly cloudy sky for next 5 days.

Block	Nischintakoili (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	28/06/2024	29/06/2024	30/06/2024	01/07/2024	02/07/2024
Rainfall(mm)	24	20	10	07	03
T-Max(°C)	33	34	32	32	31
T-Min(°C)	29	27	27	27	26
Cloud Cover(octa)	8	8	8	8	8
RH Max (%)	65	71	68	62	67
RH Min (%)	46	43	52	43	46
Wind Speed (Kmph)	15	18	19	19	18
Wind Direction (deg)	200	212	248	248	252

Agromet Advisory

General advisory: *Pause sowing of rice. Drain out excess water from the nursery during day time. Make drainage channels in medium and low land crop field. As monsoon will be active go for dry bed nursery sowing after rainfall activity. Postpone irrigation, intercultural operations, application of plant protection measures and fertilizers to the standing crops in upcoming 5 days.*

Kharif rice:

DIRECT SEEDED RICE:

After recent rain, farmers those who have grown direct seeded paddy, spray Pyrazosulfuron ethyl@20g a.i. ha-1 in 750 litres after 7 days of germination of paddy. At latter stages, apply Bispyribac sodium@80ml/acre at 2 to 3 leaf stages of the weeds.

TRANSPLANTED RICE:

Apply 400-gram Chlorantraniliprole 0.4 % G or 800-gram Cartap Hydrochloride 4% GR in the 10 decimal nursery area 7 days before transplanting to manage gall midge, stem borer, caseworm, leaf folder and root knot nematode up to 3 weeks after transplanting

Prevailing weather condition may lead to infestation of rice blast and BLB in rice nursery. If leaf blast is observed in nursery, spray Tebuconazole 50% + Trifloxystrobin 25% WG@ 0.4 g or Isoprothiolane 40EC @ 1.5 ml per litre of water. Repeat the spray at 7-10 days interval. Intermittent dry and wet weather condition, is favourable for incidence of BLB in early sown nursery the seedlings. Go for foliar spray of Hexaconazole@1.5ml/l along with Plantomycin@1.0 g/l to prevent the spread of the disease.

Suagrcane:

For **Red rot and wilt disease**, spray the crop with Mancozeb 0.3% or carbendazim 0.1% or Azoxystrobin 18.2%SC/ Difenconazole 11.45SC @ 1ml per liter water in dry days. weather is conducive for temperatures between 29-35 degree Celsius, humidity 60-70 %; this may favour the growth of Whiteflies in sugarcane; provide irrigation which facilitates the 12 soil moisture and reduces the multiplication; spray Thiamethoxam 25 WG @ 125g/ha or apply Chloropyrifos @ 2.5ml/litre water.

VEGETABLES AND FRUITS:

- **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.

Fruits: Spray mancozeb 2g/litre, to control sigatoka leaf spot in **banana**. To control papaya yellow mosaic virus, spray Imidachloprid @ 0.5 ml / litre.

Animal Husbandry:

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

Dr Ranjan Kumar Mohanta
(Nodal officer)



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Bulletin No.-507
Date- 28/06/2024

AGROMET ADVISORY BULLETIN FOR SALEPUR

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

The block received average 08mm and district received average 10 mm rainfall during the last week. **The mean daily maximum and minimum temperature was 34.88°C (+1.64 from normal) and 25.58°C (+1.34 from normal), respectively.** The mean relative humidity was 77-84%.

Forecasted period: Today(8.30IST) to 03rd July (8.30IST)2024

Weather advisory: *Moderate rainfall/thundershower is forecasted in between today to Sunday and very light to light rainfall/thundershower is forecasted in between Monday and Tuesday in the block.* The day temperature will be 31-33°C and night temperature will be 26-29°C for upcoming 5 days. Maximum and minimum relative humidity will be 62-72% and 43-51% respectively. There will be clear to partly cloudy sky for next 5 days.

Block	Salepur (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	28/06/2024	29/06/2024	30/06/2024	01/07/2024	02/07/2024
Rainfall(mm)	24	21	13	06	03
T-Max(°C)	33	33	32	32	31
T-Min(°C)	29	27	27	27	26
Cloud Cover(octa)	8	8	8	8	8
RH Max (%)	66	72	68	62	67
RH Min (%)	45	43	51	43	46
Wind Speed (Kmph)	15	18	19	19	18
Wind Direction (deg)	203	225	248	248	252

Agromet Advisory

General advisory: *Pause sowing of rice. Drain out excess water from the nursery during day time. Make drainage channels in medium and low land crop field. As monsoon will be active go for dry bed nursery sowing after rainfall activity. Postpone irrigation, intercultural operations, application of plant protection measures and fertilizers to the standing crops in upcoming 5 days.*

Kharif rice:

DIRECT SEEDED RICE: After recent rain, farmers those who have grown direct seeded paddy, spray Pyrazosulfuron ethyl@20g a.i. ha-1 in 750 litres after 7 days of germination of paddy. At latter stages, apply Bispyribac sodium@80ml/acre at 2 to 3 leaf stages of the weeds.

TRANSPLANTED RICE:

Apply 400-gram Chlorantraniliprole 0.4 % G or 800-gram Cartap Hydrochloride 4% GR in the 10 decimal nursery area 7 days before transplanting to manage gall midge, stem borer, caseworm, leaf folder and root knot nematode up to 3 weeks after transplanting

Prevailing weather condition may lead to infestation of rice blast and BLB in rice nursery. If leaf blast is observed in nursery, spray Tebuconazole 50% + Trifloxystrobin 25% WG@ 0.4 g or Isoprothiolane 40EC @ 1.5 ml per litre of water. Repeat the spray at 7-10 days interval. Intermittent dry and wet weather condition, is favourable for incidence of BLB in early sown nursery the seedlings. Go for foliar spray of Hexaconazole@1.5ml/l along with Plantomycin@1.0 g/l to prevent the spread of the disease.

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/liter 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.

Maize:

Due to extended period of cloudy and rainy weather there may be chances of infestation of Anthracnose and bacterial stalk rot disease in Maize, especially at seedling to vegetative stage. To control Anthracnose apply some suitable Fungicide and to control Stalk rot apply Copper oxychloride based chemicals in dry days.

VEGETABLES AND FRUITS: **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.

Dr Ranjan Kumar Mohanta
(Nodal officer)



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Bulletin No.-507
 Date- 28/06/2024

AGROMET ADVISORY BULLETIN FOR TANGI-CHOUDWAR

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

The block received average 11mm and district received average 10 mm rainfall during the last week. The mean daily maximum and minimum temperature was 34.88°C (+1.64 from normal) and 25.58°C (+1.34 from normal), respectively. The mean relative humidity was 77-84%.

Forecasted period: Today(8.30IST) to 03rd July (8.30IST)2024

Weather advisory: *Moderate rainfall/thundershower is forecasted in between today to Sunday and very light to light rainfall/thundershower is forecasted in between Monday and Tuesday in the block.* The day temperature will be 35-37°C and night temperature will be 30-32°C for upcoming 5 days. Maximum and minimum relative humidity will be 68-72% and 47-58% respectively. There will be clear to partly cloudy sky for next 5 days.

Block	Tangi-Choudwar (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	28/06/2024	29/06/2024	30/06/2024	01/07/2024	02/07/2024
Rainfall(mm)	25	22	13	07	03
T-Max(°C)	36	37	35	35	36
T-Min(°C)	32	31	30	30	30
Cloud Cover(octa)	7	8	8	8	8
RH Max (%)	69	70	72	71	68
RH Min (%)	53	48	58	54	47
Wind Speed (Kmph)	20	24	24	23	22
Wind Direction (deg)	203	207	248	246	248

Agromet Advisory

General advisory: *Pause sowing of rice. Drain out excess water from the nursery during day time. Make drainage channels in medium and low land crop field. As monsoon will be active go for dry bed nursery sowing after rainfall activity. Postpone irrigation, intercultural operations, application of plant protection measures and fertilizers to the standing crops in upcoming 5 days.*

Kharif rice:

DIRECT SEEDED RICE:

After recent rain, farmers those who have grown direct seeded paddy, spray Pyrazosulfuron ethyl@20g a.i. ha-1 in 750 litres after 7 days of germination of paddy. At latter stages, apply Bispyribac sodium@80ml/acre at 2 to 3 leaf stages of the weeds.

TRANSPLANTED RICE:

Apply 400-gram Chlorantraniliprole 0.4 % G or 800-gram Cartap Hydrochloride 4% GR in the 10 decimal nursery area 7 days before transplanting to manage gall midge, stem borer, caseworm, leaf folder and root knot nematode up to 3 weeks after transplanting

Prevailing weather condition may lead to infestation of rice blast and BLB in rice nursery. If leaf blast is observed in nursery, spray Tebuconazole 50% + Trifloxystrobin 25% WG@ 0.4 g or Isoprothiolane 40EC @ 1.5 ml per litre of water. Repeat the spray at 7-10 days interval. Intermittent dry and wet weather condition, is favourable for incidence of BLB in early sown nursery the seedlings. Go for foliar spray of Hexaconazole@1.5ml/l along with Plantomycin@1.0 g/l to prevent the spread of the disease.

Maize:

Early sown crop is at 3 week stage. Go for hoeing and weeding. Apply 16 kg Nitrogen /ac followed by earthing up. Due to **extended period of cloudy and rainy weather** there may be chances of infestation of Anthracnose and bacterial stalk rot disease in Maize, especially at seedling to vegetative stage. To control Anthracnose apply some suitable Fungicide and to control Stalk rot apply Copper oxychloride based chemicals in dry days.

VEGETABLES AND FRUITS:

- **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.

Fruits:

Spray mancozeb 2g/litre, to control sigatoka leaf spot in **banana**. To control papaya yellow mosaic virus, spray Imidachloprid @ 0.5 ml / litre.

Animal Husbandry:

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

Dr Ranjan Kumar Mohanta
 (Nodal officer)



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Bulletin No.-507
Date- 28/06/2024

AGROMET ADVISORY BULLETIN FOR TIGIRIA

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

The block received average 06mm and district received average 10 mm rainfall during the last week. The mean daily maximum and minimum temperature was 34.88°C (+1.64 from normal) and 25.58°C (+1.34 from normal), respectively. The mean relative humidity was 77-84%.

Forecasted period: Today(8.30IST) to 03rd July (8.30IST)2024

Weather advisory: Moderate with isolated heavy rainfall/thundershower is forecasted in between today to Sunday and very light to light rainfall/thundershower is forecasted in between Monday and Tuesday in the block. The day temperature will be 30-35°C and night temperature will be 24-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 66-77% and 41-51% respectively. There will be clear to partly cloudy sky for next 5 days.

Block	Tigiria (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	28/06/2024	29/06/2024	30/06/2024	01/07/2024	02/07/2024
Rainfall(mm)	32	23	14	06	03
T-Max(°C)	35	32	33	33	30
T-Min(°C)	26	26	26	25	24
Cloud Cover(octa)	8	8	8	8	8
RH Max (%)	73	77	69	66	73
RH Min (%)	41	51	48	44	49
Wind Speed (Kmph)	11	12	14	17	14
Wind Direction (deg)	195	248	246	249	257

Agro met Advisory

General advisory: Pause sowing of rice. Drain out excess water from the nursery during day time. Make drainage channels in medium and low land crop field. As monsoon will be active go for dry bed nursery sowing after rainfall activity. Postpone irrigation, intercultural operations, application of plant protection measures and fertilizers to the standing crops in upcoming 5 days.

Kharif rice:

DIRECT SEEDED RICE:

After recent rain, farmers those who have grown direct seeded paddy, spray Pyrazosulfuron ethyl@20g a.i. ha-1 in 750 litres after 7 days of germination of paddy. At latter stages, apply Bispyribac sodium@80ml/acre at 2 to 3 leaf stages of the weeds.

TRANSPLANTED RICE:

Apply 400-gram Chlorantraniliprole 0.4 % G or 800-gram Cartap Hydrochloride 4% GR in the 10 decimal nursery area 7 days before transplanting to manage gall midge, stem borer, caseworm, leaf folder and root knot nematode up to 3 weeks after transplanting

Prevailing weather condition may lead to infestation of rice blast and BLB in rice nursery. If leaf blast is observed in nursery, spray Tebuconazole 50% + Trifloxystrobin 25% WG@ 0.4 g or Isoprothiolane 40EC @ 1.5 ml per litre of water. Repeat the spray at 7-10 days interval. Intermittent dry and wet weather condition, is favourable for incidence of BLB in early sown nursery the seedlings. Go for foliar spray of Hexaconazole@1.5ml/l along with Plantomycin@1.0 g/l to prevent the spread of the disease.

Maize:

Early sown crop is at 3 week stage. Go for hoeing and wedding. Apply 16 kg Nitrogen /ac followed by earthing up. Due to extended period of cloudy and rainy weather there may be chances of infestation of Anthracnose and bacterial stalk rot disease in Maize, especially at seedling to vegetative stage. To control Anthracnose apply some suitable Fungicide and to control Stalk rot apply Cupper oxychloride based chemicals in dry days.

VEGETABLES AND FRUITS:

- **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.

Fruits:

Spray mancozeb 2g/litre, to control sigatoka leaf spot in **banana**. To control papaya yellow mosaic virus, spray Imidachloprid @ 0.5 ml / litre.

Animal Husbandry:

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

Dr Ranjan Kumar Mohanta
(Nodal officer)



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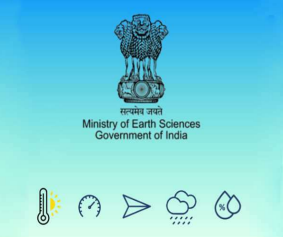
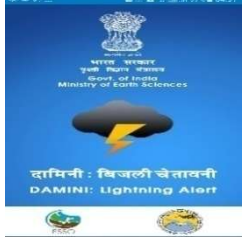


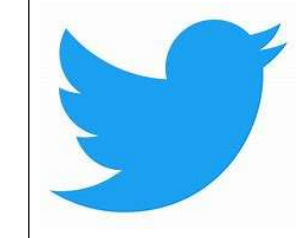
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Bulletin No.-507
Date- 28/06/2024

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

- 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).

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