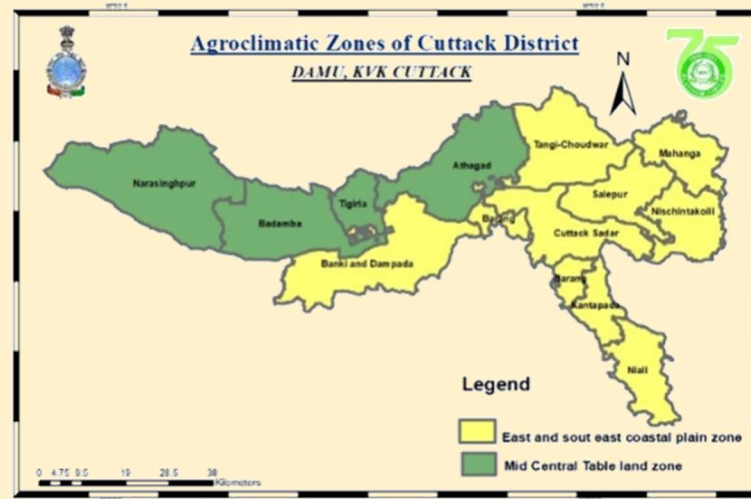




# *Cuttack District Block Wise Agro-met Advisory Service Bulletin*

*Friday, 19<sup>th</sup> July, 2024  
 (For the period 19<sup>th</sup> to 23<sup>th</sup> July, 2024)*



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





**STANDARD PRECIPITATION INDEX AND NDVI MAP**

Standard Precipitation Index (SPI)	Normalized difference vegetation Index (NDVI)
	<p>NOAA/VIIRS/BLENDED NDVI Composite ending on Week no 24 (10.06.2024 to 16.06.2024) over Agricultural region</p> <p align="center"><b>Odisha</b></p> <p align="center">Agriculture vigour is moderate at isolated places of the state.</p>
<p><b>As per SPI value (cumulative 4weeks -13 June to 10 July 2024), mildly dry condition was there in Cuttack district.</b></p>	<p><b>According to NDVI map (10.06.2024 to 16.06.2024) the agriculture vigor was Moderate over Narasinghpur, Badamba and Banki-Dampada blocks and light over maximum blocksof Cuttack district.</b></p>

<b>LEGEND (Medium range block level rainfall forecast)</b>		
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	

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





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Bulletin No.-513  
Date- 19/07/2024

Met Sub division	Extended range outlook for subsequent 1 week (6 <sup>th</sup> to 12 <sup>th</sup> days) (24-30 July 2024) after 5 days				
	Parameter	Actual	Normal	Departure (%)	Category
Odisha	Rainfall (mm)	14.4	11.5	24.68	Above Normal
	Parameter	Actual	Normal	Anomaly	Category
	Maximum temperature (°C)	30.5	31.2	-0.72	Normal
	Minimum temperature (°C)	24.7	24.3	0.43	Normal

**\*Agromet Advisory based upon subsequent week extended range forecast:- As there will be above normal rainfall in the subsequent week (24-30 July,2024) after 5 days in Odisha condition, so farmers are advised to go for transplanting and beushaning of early sown kharif paddy in the subsequent week and are advised to make proper drainage facilities in nursery area of paddy and vegetables to drainout excess water from the field.**



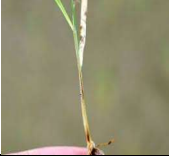











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**Bulletin No.-513**  
**Date- 19/07/2024**

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

Sl 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
				Wilt
3	Maize	Vegetative		Anthracnose
				Stalk rot
4	Jute	30-50days/Vegetative		Stem Rot
				Indigo caterpillar
5	Brinjal	Fruiting		Phomopsis Blight








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				<b>Fruit and shoot borer</b>
6	Tomato	Fruting		<b>Bacterial wilt</b>
				<b>Seedling rot</b>
7	Cowpea			<b>Rust</b>
8	Cucurbits	Flowering to Fruiting stage		<b>Downy mildew</b>
				<b>Leaf blight</b>
				<b>Leaf Spot</b>
9	Okra	Fruiting		<b>Fruit &amp; shoot borer</b>
10	Banana			<b>Sigatoka</b>
11	Papaya			<b>YMV</b>



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Bulletin No.-513  
Date- 19/07/2024

**AGROMET ADVISORY BULLETIN FOR ATHAGAD**

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

The block received average 09 mm and district received average 09 mm rainfall during the last week. The mean daily maximum and minimum temperature was 33.2°C (+0.92 from normal) and 25.5°C (+1.6 from normal), respectively. The mean relative humidity was 81-89%.

**Forecasted period: Today(8.30IST) to 24<sup>th</sup> July(8.30IST)2024**

**Weather advisory:** Moderate with isolated heavy rainfall is forecasted for today and Monday and moderate rainfall is forecasted for other 3 days in the block. The day temperature will be 31-33°C and night temperature will be 25-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 81-89% and 51-63% 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	19/07/2024	20/07/2024	21/07/2024	22/07/2024	23/07/2024
Rainfall (mm)	32	26	16	31	28
T-Max (°C)	32	33	33	31	31
T-Min (°C)	25	26	26	26	25
Cloud Cover (octa)	5	7	6	8	8
RH Max (%)	89	82	81	82	89
RH Min (%)	60	56	51	60	63
Wind Speed (kmph)	15	11	12	11	12
Wind Direction (deg)	69	165	225	249	248

**Agromet Advisory**

**General advisory:** Drain out excess water from rice nurseries, orchards, maize and jute fields. Postpone irrigation, intercultural operations, application of plant protection measures and fertilizers to the standing crops in upcoming 5 days. Keep the harvested produce at safer places. Cover the vegetable seedling with polythene to protect them from heavy shower.

**Kharifrice:(DIRECT SEEDED RICE):** Direct seeded rice at three to four week stage. As light to moderate amount of rainfall is forecasted in the upcoming days, farmers should go for beushanning. Apply 35 kg urea/ac at beushanning followed by weeding and gap filling. Drain out the excess water at the time of fertilizer application and pond it after one day. If basal fertilizer not applied, apply 18 kg urea, 100kg ssp and 26 kg MOP while beushanning followed by top dressing of 35 kg urea after 7-10 days. To control weeds in direct sown rice field, spray Bispyribac sodium 10% SC @ 15ml/tanks of 16 litre capacities at 8- 10 DAS or when the weeds are at 2-3 leaf stage.

**TRANSPLANTED RICE:**

Considering the anticipated rainfall; paddy transplanting may be completed in this week. 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 Cupper oxychloride based chemicals in dry days.

**VEGETABLES AND FRUITS:** June-july is the best time for sowing of tomato in raised bed for nursery seedlings. Do seed treatment with Trichoderma viride @ 4g/kg seeds. The seed treatment must be done 24 hours before sowing of seeds.

- **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.
- To control **fruit and shoot borer in okra**, Spray Bacillus thuringiensis 5% W.P @ 1.5 gram/lit of water.

**Fruits:** Maintain proper drainage facility in banana field to prevent rhizome rot. 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.





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Bulletin No.-513  
Date- 19/07/2024

**AGROMET ADVISORY BULLETIN FOR BADAMBA**

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

The block received average 04 mm and district received average 09 mm rainfall during the last week. **The mean daily maximum and minimum temperature was 33.2°C (+0.92 from normal) and 25.5°C (+1.6 from normal), respectively.** The mean relative humidity was 81-89%.

**Forecasted period: Today(8.30IST) to 24<sup>th</sup> July(8.30IST)2024**

**Weather advisory: Moderate with isolated heavy rainfall is forecasted for today and Monday and moderate rainfall is forecasted for other 3 days in the block.** The day temperature will be 30-32°C and night temperature will be 24-25°C for upcoming 5 days. Maximum and minimum relative humidity will be 82-91% and 54-67% 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)				
	19/07/2024	20/07/2024	21/07/2024	22/07/2024	23/07/2024
Rainfall(mm)	32	26	16	31	28
T-Max(°C)	30	31	32	30	31
T-Min(°C)	24	25	25	25	24
Cloud Cover(octa)	6	7	5	8	8
RH Max (%)	91	84	82	83	89
RH Min (%)	67	60	54	63	62
Wind Speed (Kmph)	13	10	11	11	11
Wind Direction (deg)	63	198	225	249	248

**Agromet Advisory**

**General advisory: Drain out excess water from rice nurseries, orchards, maize and jute fields. Postpone irrigation, intercultural operations, application of plant protection measures and fertilizers to the standing crops in upcoming 5 days. Keep the harvested produce at safer places. Cover the vegetable seedling with polythene to protect them from heavy shower.**

**Kharifrice:(DIRECT SEEDED RICE):** Direct seeded rice are at three to four week stage. As light to moderate amount of rainfall is forecasted in the upcoming days, farmers should go for beushanning. Apply 35 kg urea/ac at beushanning followed by weeding and gap filling. Drain out the excess water at the time of fertilizer application and pond it after one day. If basal fertilizer not applied, apply 18 kg urea, 100kg ssp and 26 kg MOP while beushanning followed by top dressing of 35 kg urea after 7-10 days. **To control weeds in direct sown rice field, spray Bispyribac sodium 10% SC @ 15ml/tanks of 16 litre capacities at 8- 10 DAS or when the weeds are at 2-3 leaf stage.**

**TRANSPLANTED RICE:**

Considering the anticipated rainfall; paddy transplanting may be completed in this week. 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 **Anthraxnose 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:** June-july is the best time for sowing of tomato in raised bed for nursery seedlings. Do seed treatment with Trichoderma viride @ 4g/kg seeds. The seed treatment must be done 24 hours before sowing of seeds.

- **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.
- To control **fruit and shoot borer in okra**, Spray Bacillus thuringiensis 5% W.P @ 1.5 gram/lit of water.

**Fruits:** Maintain proper drainage facility in banana field to prevent rhizome rot. 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.

DrRanjan Kumar Mohanta  
(Nodal officer)



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Bulletin No.-513

Date- 19/07/2024

**AGROMET ADVISORY BULLETIN FOR BANKI**

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

The district received average 09 mm rainfall during the last week. The mean daily maximum and minimum temperature was 33.2°C (+0.92 from normal) and 25.5°C (+1.6 from normal), respectively. The mean relative humidity was 81-89%.

**Forecasted period: Today(8.30IST) to 24<sup>th</sup> July(8.30IST)2024**

**Weather advisory: Moderate with isolated heavy rainfall is forecasted for today and Monday and moderate rainfall is forecasted for other 3 days in the block.** The day temperature will be 31-33°C and night temperature will be 24-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 80-90% and 51-63% 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)				
	19/07/2024	20/07/2024	21/07/2024	22/07/2024	23/07/2024
Rainfall(mm)	32	26	16	31	22
T-Max(°C)	31	32	33	31	31
T-Min(°C)	25	26	26	25	24
Cloud Cover(octa)	6	7	5	8	8
RH Max (%)	90	81	80	80	88
RH Min (%)	63	55	51	60	63
Wind Speed (Kmph)	14	12	12	12	11
Wind Direction (deg)	66	198	203	249	248

**Agromet Advisory**

**General advisory: Drain out excess water from rice nurseries, orchards, maize and jute fields. Postpone irrigation, intercultural operations, application of plant protection measures and fertilizers to the standing crops in upcoming 5 days. Keep the harvested produce at safer places. Cover the vegetable seedling with polythene to protect them from heavy shower.**

**Kharifrice:(DIRECT SEEDED RICE):** Direct seeded rice are at three to four week stage. As light to moderate amount of rainfall is forecasted in the upcoming days, farmers should go for beushanning. Apply 35 kg urea/ac at beushanning followed by weeding and gap filling. Drain out the excess water at the time of fertilizer application and pond it after one day. If basal fertilizer not applied, apply 18 kg urea, 100kg ssp and 26 kg MOP while beushanning followed by top dressing of 35 kg urea after 7-10 days. **To control weeds in direct sown rice field, spray Bispyribac sodium 10% SC @ 15ml/tanks of 16 litre capacities at 8- 10 DAS or when the weeds are at 2-3 leaf stage.**

**TRANSPLANTED RICE:**

Considering the anticipated rainfall; paddy transplanting may be completed in this week. 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 alongwith 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 **Anthraxnose 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:** June-july is the best time for sowing of tomato in raised bed for nursery seedlings. Do seed treatment with Trichoderma viride @ 4g/kg seeds. The seed treatment must be done 24 hours before sowing of seeds.

- **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.
- To control **fruit and shoot borer in okra**, Spray Bacillus thuringiensis 5% W.P @ 1.5 gram/lit of water.

**Fruits:** Maintain proper drainage facility in banana field to prevent rhizome rot. 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.

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Bulletin No.-513  
Date- 19/07/2024

**AGROMET ADVISORY BULLETIN FOR BANKI-DAMPARA**

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

The block received average 27 mm and district received average 09 mm rainfall during the last week. The mean daily maximum and minimum temperature was 33.2°C (+0.92 from normal) and 25.5°C (+1.6 from normal), respectively. The mean relative humidity was 81-89%.

**Forecasted period: Today(8.30IST) to 24<sup>th</sup> July(8.30IST)2024**

**Weather Advisory:** Moderate with isolated heavy rainfall is forecasted for today and Monday and moderate rainfall is forecasted for other 3 days in the block. The day temperature will be 31-33°C and night temperature will be 24-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 80-90% and 51-63% 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	16/07/2024	17/07/2024	18/07/2024	19/07/2024	20/07/2024
Rainfall(mm)	32	26	16	31	22
T-Max(°C)	31	32	33	31	31
T-Min(°C)	25	26	26	25	24
Cloud Cover(octa)	6	7	5	8	8
RH Max (%)	90	81	80	80	88
RH Min (%)	63	55	51	60	63
Wind Speed (Kmph)	14	12	12	12	11
Wind Direction (deg)	68	198	203	249	248

**Agromet Advisory**

**General advisory:** Drain out excess water from rice nurseries, orchards, maize and jute fields. Postpone irrigation, intercultural operations, application of plant protection measures and fertilizers to the standing crops in upcoming 5 days. Keep the harvested produce at safer places. Cover the vegetable seedling with polythene to protect them from heavy shower.

**Kharifrice:(DIRECT SEEDED RICE):** Direct seeded rice are at three to four week stage. As light to moderate amount of rainfall is forecasted in the upcoming days, farmers should go for beushanning. Apply 35 kg urea/ac at beushanning followed by weeding and gap filling. Drain out the excess water at the time of fertilizer application and pond it after one day. If basal fertilizer not applied, apply 18 kg urea, 100kg ssp and 26 kg MOP while beushanning followed by top dressing of 35 kg urea after 7-10 days. To control weeds in direct sown rice field, spray Bispyribac sodium 10% SC @ 15ml/tanks of 16 litre capacities at 8- 10 DAS or when the weeds are at 2-3 leaf stage.

**TRANSPLANTED RICE:**

Considering the anticipated rainfall; paddy transplanting may be completed in this week. 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.

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**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:** June-july is the best time for sowing of tomato in raised bed for nursery seedlings. Do seed treatment with Trichoderma viride @ 4g/kg seeds. The seed treatment must be done 24 hours before sowing of seeds.

- **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.
- To control **fruit and shoot borer** in **okra**, Spray Bacillus thuringiensis 5% W.P @ 1.5 gram/lit of water.

**Fruits:** Maintain proper drainage facility in banana field to prevent rhizome rot. 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.





**GRAMIN KRISHI MAUSAM SEWA**  
**INDIA METEOROLOGICAL DEPARTMENT**  
**DISTRICT AGROMET UNIT**  
**KRISHI VIGYAN KENDRA CUTTACK**



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Bulletin No.-513  
 Date- 19/07/2024

**AGROMET ADVISORY BULLETIN FOR BARANGA**

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

The block received average 14 mm and district received average 09 mm rainfall during the last week. The mean daily maximum and minimum temperature was 33.2°C (+0.92 from normal) and 25.5°C (+1.6 from normal), respectively. The mean relative humidity was 81-89%.

**Forecasted period: Today(8.30IST) to 24<sup>th</sup> July(8.30IST)2024**

**Weather advisory:** Moderate with isolated heavy rainfall is forecasted for today and Monday and moderate rainfall is forecasted for other 3 days in the block. The day temperature will be 31-33°C and night temperature will be 25-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 75-88% and 49-60% 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	19/07/2024	20/07/2024	21/07/2024	22/07/2024	23/07/2024
Rainfall(mm)	31	25	15	31	22
T-Max(°C)	32	33	33	32	31
T-Min(°C)	26	27	27	27	25
Cloud Cover	5	7	6	8	8
RH Max (%)	88	77	77	75	87
RH Min (%)	58	53	49	58	60
Wind Speed (Kmph)	16	14	16	14	14
Wind Direction (deg)	72	180	212	248	249

**Agromet Advisory**

**General advisory:** Drain out excess water from rice nurseries, orchards, maize and jute fields. Postpone irrigation, intercultural operations, application of plant protection measures and fertilizers to the standing crops in upcoming 5 days. Keep the harvested produce at safer places. Cover the vegetable seedling with polythene to protect them from heavy shower.

**Kharifrice:(DIRECT SEEDED RICE):** Direct seeded rice are at three to four week stage. As light to moderate amount of rainfall is forecasted in the upcoming days, farmers should go for beushanning. Apply 35 kg urea/ac at beushanning followed by weeding and gap filling. Drain out the excess water at the time of fertilizer application and pond it after one day. If basal fertilizer not applied, apply 18 kg urea, 100kg ssp and 26 kg MOP while beushanning followed by top dressing of 35 kg urea after 7-10 days. To control weeds in direct sown rice field, spray Bispyribac sodium 10% SC @ 15ml/tanks of 16 litre capacities at 8- 10 DAS or when the weeds are at 2-3 leaf stage.

**TRANSPLANTED RICE:**

Considering the anticipated rainfall; paddy transplanting may be completed in this week. 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:** June-july is the best time for sowing of tomato in raised bed for nursery seedlings. Do seed treatment with Trichoderma viride @ 4g/kg seeds. The seed treatment must be done 24 hours before sowing of seeds.

- **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.
- To control **fruit and shoot borer in okra**, Spray Bacillus thuringiensis 5% W.P @ 1.5 gram/lit of water.

**Fruits:** Maintain proper drainage facility in banana field to prevent rhizome rot. 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.

DrRanjan Kumar Mohanta  
 (Nodal officer)



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Bulletin No.-513  
Date- 19/07/2024

**AGROMET ADVISORY BULLETIN FOR CUTTACK SADAR**

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

The block received average 06 mm and district received average 09 mm rainfall during the last week. **The mean daily maximum and minimum temperature was 33.2°C (+0.92 from normal) and 25.5°C (+1.6 from normal), respectively.** The mean relative humidity was 81-89%.

**Forecasted period: Today(8.30IST) to 24<sup>th</sup> July(8.30IST)2024**

**Weather advisory: Moderate with isolated heavy rainfall is forecasted for today and Monday and moderate rainfall is forecasted for other 3 days in the block.** The day temperature will be 31-34°C and night temperature will be 25-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 78-88% and 49-59% 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)				
	19/07/2024	20/07/2024	21/07/2024	22/07/2024	23/07/2024
Rainfall(mm)	31	25	15	31	22
T-Max(°C)	32	34	34	32	31
T-Min(°C)	26	27	27	27	25
Cloud Cover(octa)	5	7	6	8	8
RH Max (%)	88	79	78	78	87
RH Min (%)	58	53	49	57	59
Wind Speed (Kmph)	16	13	15	13	15
Wind Direction (deg)	72	154	212	248	249

**Agromet Advisory**

**General advisory: Drain out excess water from rice nurseries, orchards, maize and jute fields. Postpone irrigation, intercultural operations, application of plant protection measures and fertilizers to the standing crops in upcoming 5 days. Keep the harvested produce at safer places. Cover the vegetable seedling with polythene to protect them from heavy shower.**

**Kharifrice:(DIRECT SEEDED RICE):** Direct seeded rice are at three to four week stage. As light to moderate amount of rainfall is forecasted in the upcoming days, farmers should go for beushanning. Apply 35 kg urea/ac at beushanning followed by weeding and gap filling. Drain out the excess water at the time of fertilizer application and pond it after one day. If basal fertilizer not applied, apply 18 kg urea, 100kg ssp and 26 kg MOP while beushanning followed by top dressing of 35 kg urea after 7-10 days. **To control weeds in direct sown rice field, spray Bispyribac sodium 10% SC @ 15ml/tanks of 16 litre capacities at 8- 10 DAS or when the weeds are at 2-3 leaf stage.**

**TRANSPLANTED RICE:**

Considering the anticipated rainfall; paddy transplanting may be completed in this week. 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; spray Thiamethoxam 25 WG @ 125g/ha or apply Chloropyriphos @ 2.5ml/litre water. Present rainy weather favors infestation Wilt disease in Sugarcane, to control this drain out excess water and apply Cupper oxychloride 50.0% 3 gram per liter of water.

**VEGETABLES AND FRUITS:** June-july is the best time for sowing of tomato in raised bed for nursery seedlings. Do seed treatment with Trichoderma viride @ 4g/kg seeds. The seed treatment must be done 24 hours before sowing of seeds.

- **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.
- To control **fruit and shoot borer in okra**, Spray Bacillus thuringiensis 5% W.P @ 1.5 gram/lit of water.

**Fruits:** Maintain proper drainage facility in banana field to prevent rhizome rot. 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.

DrRanjan Kumar Mohanta  
(Nodal officer)



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**Bulletin No.-513  
Date- 19/07/2024**

**AGROMET ADVISORY BULLETIN FOR KANTAPADA**

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

**The block received average 11 mm and district received average 09 mm rainfall during the last week. The mean daily maximum and minimum temperature was 33.2°C (+0.92 from normal) and 25.5°C (+1.6 from normal), respectively. The mean relative humidity was 81-89%.**

**Forecasted period: Today(8.30IST) to 24<sup>th</sup> July(8.30IST)2024**

**Weather advisory: Moderate with isolated heavy rainfall is forecasted for today and Monday and moderate rainfall is forecasted for other 3 days in the block.** The day temperature will be 31-33°C and night temperature will be 25-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 70-86% and 48-60% 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)				
	19/07/2024	20/07/2024	21/07/2024	22/07/2024	23/07/2024
Rainfall(mm)	31	25	15	31	22
T-Max(°C)	32	33	33	33	31
T-Min(°C)	26	27	27	27	25
Cloud Cover(octa)	5	7	6	7	8
RH Max (%)	86	74	74	70	84
RH Min (%)	58	52	48	56	60
Wind Speed (Kmph)	16	16	18	16	15
Wind Direction (deg)	77	203	212	244	249

**Agromet Advisory**

**General advisory: Drain out excess water from rice nurseries, orchards, maize and jute fields. Postpone irrigation, intercultural operations, application of plant protection measures and fertilizers to the standing crops in upcoming 5 days. Keep the harvested produce at safer places. Cover the vegetable seedling with polythene to protect them from heavy shower.**

**Kharifrice:(DIRECT SEEDED RICE):** Direct seeded rice are at three to four week stage. As light to moderate amount of rainfall is forecasted in the upcoming days, farmers should go for beushanning. Apply 35 kg urea/ac at beushanning followed by weeding and gap filling. Drain out the excess water at the time of fertilizer application and pond it after one day. If basal fertilizer not applied, apply 18 kg urea, 100kg ssp and 26 kg MOP while beushanning followed by top dressing of 35 kg urea after 7-10 days. **To control weeds in direct sown rice field, spray Bispyribac sodium 10% SC @ 15ml/tanks of 16 litre capacities at 8- 10 DAS or when the weeds are at 2-3 leaf stage.**

**TRANSPLANTED RICE:**

Considering the anticipated rainfall; paddy transplanting may be completed in this week. Apply 400-gram Chlorantranilprole 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; spray Thiamethoxam 25 WG @ 125g/ha or apply Chloropyrifos @ 2.5ml/litre water. Present rainy weather favors infestation Wilt disease in Sugarcane, to control this drain out excess water and apply Copper oxychloride 50.0% 3 gram per liter of water.

**VEGETABLES AND FRUITS:** June-july is the best time for sowing of tomato in raised bed for nursery seedlings. Do seed treatment with Trichoderma viride @ 4g/kg seeds. The seed treatment must be done 24 hours before sowing of seeds.

- **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.
- To control **fruit and shoot borer in okra**, Spray Bacillus thuringiensis 5% W.P @ 1.5 gram/lit of water.

**Fruits:** Maintain proper drainage facility in banana field to prevent rhizome rot. 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.

**DrRanjan Kumar Mohanta**  
(Nodal officer)



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Bulletin No.-513  
Date- 19/07/2024

**AGROMET ADVISORY BULLETIN FOR MAHANGA**

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

The block received average 09 mm and district received average 09 mm rainfall during the last week. The mean daily maximum and minimum temperature was 33.2°C (+0.92 from normal) and 25.5°C (+1.6 from normal), respectively. The mean relative humidity was 81-89%.

**Forecasted period: Today(8.30IST) to 24<sup>th</sup> July(8.30IST)2024**

**Weather advisory: Moderate with isolated heavy rainfall is forecasted for today and Monday and moderate rainfall is forecasted for other 3 days in the block.** The day temperature will be and it will be 32-34°C and night temperature will be 25-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 75-86% and 49-59% 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)				
	19/07/2024	20/07/2024	21/07/2024	22/07/2024	23/07/2024
Rainfall(mm)	31	25	15	31	28
T-Max(°C)	32	34	34	32	32
T-Min(°C)	26	27	27	27	25
Cloud Cover(octal)	5	7	6	7	8
RH Max (%)	86	77	75	76	85
RH Min (%)	59	52	49	56	57
Wind Speed (Kmph)	16	15	17	15	19
Wind Direction (deg)	90	165	212	248	249

**Agromet Advisory**

**General advisory: Drain out excess water from rice nurseries, orchards, maize and jute fields. Postpone irrigation, intercultural operations, application of plant protection measures and fertilizers to the standing crops in upcoming 5 days. Keep the harvested produce at safer places. Cover the vegetable seedling with polythene to protect them from heavy shower.**

**Kharifrice:(DIRECT SEEDED RICE):** Direct seeded rice are at three to four week stage. As light to moderate amount of rainfall is forecasted in the upcoming days, farmers should go for beushanning. Apply 35 kg urea/ac at beushanning followed by weeding and gap filling. Drain out the excess water at the time of fertilizer application and pond it after one day. If basal fertilizer not applied, apply 18 kg urea, 100kg ssp and 26 kg MOP while beushanning followed by top dressing of 35 kg urea after 7-10 days. **To control weeds in direct sown rice field, spray Bispyribac sodium 10% SC @ 15ml/tanks of 16 litre capacities at 8- 10 DAS or when the weeds are at 2-3 leaf stage.**

**TRANSPLANTED RICE:**

Considering the anticipated rainfall; paddy transplanting may be completed in this week. Apply 400-gram Chlorantranilprole 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 alongwith 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; spray Thiamethoxam 25 WG @ 125g/ha or apply Chloropyrifos @ 2.5ml/litre water. Present rainy weather favors infestation Wilt disease in Sugarcane, to control this drain out excess water and apply Copper oxychloride 50.0% 3 gram per liter of water.

**VEGETABLES AND FRUITS:** June-july is the best time for sowing of tomato in raised bed for nursery seedlings. Do seed treatment with Trichoderma viride @ 4g/kg seeds. The seed treatment must be done 24 hours before sowing of seeds.

- **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.
- To control **fruit and shoot borer in okra**, Spray Bacillus thuringiensis 5% W.P @ 1.5 gram/lit of water.

**Fruits:** Maintain proper drainage facility in banana field to prevent rhizome rot. 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.

DrRanjan Kumar Mohanta  
(Nodal officer)



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Bulletin No.-513  
Date- 19/07/2024

**AGROMET ADVISORY BULLETIN FOR NARASINGHPUR**

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

The block received average 10 mm and district received average 09 mm rainfall during the last week. **The mean daily maximum and minimum temperature was 33.2°C (+0.92 from normal) and 25.5°C (+1.6 from normal), respectively.** The mean relative humidity was 81-89%.

**Forecasted period: Today(8.30IST) to 24<sup>th</sup> July(8.30IST)2024**

**Weather advisory: Moderate with isolated heavy rainfall is forecasted for today and Monday and moderate rainfall is forecasted for other 3 days in the block.** The day temperature will be 29-31°C and night temperature will be 23-24°C for upcoming 5 days. Maximum and minimum relative humidity will be 86-93% and 57-70% 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)				
	19/07/2024	20/07/2024	21/07/2024	22/07/2024	23/07/2024
Rainfall(mm)	32	26	16	31	28
T-Max(°C)	29	30	31	29	31
T-Min(°C)	24	24	24	24	23
Cloud Cover(/octa)	6	7	5	8	8
RH Max (%)	93	87	86	87	90
RH Min (%)	70	66	57	67	59
Wind Speed (Kmph)	10	7	8	9	11
Wind Direction (deg)	63	198	234	244	252

**Agromet Advisory**

**General advisory: Drain out excess water from rice nurseries, orchards, maize and jute fields. Postpone irrigation, intercultural operations, application of plant protection measures and fertilizers to the standing crops in upcoming 5 days. Keep the harvested produce at safer places. Cover the vegetable seedling with polythene to protect them from heavy shower.**

**Kharifrice:(DIRECT SEEDED RICE):** Direct seeded rice care at three to four week stage. As light to moderate amount of rainfall is forecasted in the upcoming days, farmers should go for beushanning. Apply 35 kg urea/ac at beushanning followed by weeding and gap filling. Drain out the excess water at the time of fertilizer application and pond it after one day. If basal fertilizer not applied, apply 18 kg urea, 100kg ssp and 26 kg MOP while beushanning followed by top dressing of 35 kg urea after 7-10 days. **To control weeds in direct sown rice field, spray Bispyribac sodium 10% SC @ 15ml/tanks of 16 litre capacities at 8- 10 DAS or when the weeds are at 2-3 leaf stage.**

**TRANSPLANTED RICE:**

Considering the anticipated rainfall; paddy transplanting may be completed in this week. 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 **Anthraxnose 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:** June-july is the best time for sowing of tomato in raised bed for nursery seedlings. Do seed treatment with Trichoderma viride @ 4g/kg seeds. The seed treatment must be done 24 hours before sowing of seeds.

- **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.
- To control **fruit and shoot borer in okra**, Spray Bacillus thuringiensis 5% W.P @ 1.5 gram/lit of water.

**Fruits:** Maintain proper drainage facility in banana field to prevent rhizome rot. 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.





**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.-513  
Date- 19/07/2024

**AGROMET ADVISORY BULLETIN FOR NIALI**

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

The block received average 06 mm and district received average 09 mm rainfall during the last week. **The mean daily maximum and minimum temperature was 33.2°C (+0.92 from normal) and 25.5°C (+1.6 from normal), respectively.** The mean relative humidity was 81-89%.

**Forecasted period: Today(8.30IST) to 24<sup>th</sup> July(8.30IST)2024**

**Weather advisory: Moderate with isolated heavy rainfall is forecasted for today and Monday and moderate rainfall is forecasted for other 3 days in the block.** The day temperature will be 31-33°C and night temperature will be 25-28°C for upcoming 5 days. Maximum and minimum relative humidity will be 69-85% and 50-61% respectively. **There will be partly cloudy to overcast sky for next 5 days.**

Block	Niali (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	19/07/2024	20/07/2024	21/07/2024	22/07/2024	23/07/2024
Rainfall(mm)	31	25	15	31	22
T-Max(°C)	32	33	33	33	31
T-Min(°C)	26	27	27	28	25
Cloud Cover(octa)	4	7	6	7	8
RH Max (%)	85	74	73	69	82
RH Min (%)	59	53	50	55	61
Wind Speed(Kmph)	16	17	21	18	17
Wind Direction(deg)	103	199	212	244	248

**Agromet Advisory**

**General advisory: Drain out excess water from rice nurseries, orchards, maize and jute fields. Postpone irrigation, intercultural operations, application of plant protection measures and fertilizers to the standing crops in upcoming 5 days. Keep the harvested produce at safer places. Cover the vegetable seedling with polythene to protect them from heavy shower.**

**Kharifrice:(DIRECT SEEDED RICE):** Direct seeded rice are at three to four week stage. As light to moderate amount of rainfall is forecasted in the upcoming days, farmers should go for beushanning. Apply 35 kg urea/ac at beushanning followed by weeding and gap filling. Drain out the excess water at the time of fertilizer application and pond it after one day. If basal fertilizer not applied, apply 18 kg urea, 100kg ssp and 26 kg MOP while beushanning followed by top dressing of 35 kg urea after 7-10 days. **To control weeds in direct sown rice field, spray Bispyribac sodium 10% SC @ 15ml/tanks of 16 litre capacities at 8- 10 DAS or when the weeds are at 2-3 leaf stage.**

**TRANSPLANTED RICE:**

Considering the anticipated rainfall; paddy transplanting may be completed in this week. 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.**

**Sugarcane:** 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;; spray Thiamethoxam 25 WG @ 125g/ha or apply Chloropyriphos @ 2.5ml/litre water. Present rainy weather favors infestation Wilt disease in Sugarcane, to control this drain out excess water and apply Cupper oxychloride 50.0% 3 gram per liter of water.

**VEGETABLES AND FRUITS:** June-july is the best time for sowing of tomato in raised bed for nursery seedlings. Do seed treatment with Trichoderma viride @ 4g/kg seeds. The seed treatment must be done 24 hours before sowing of seeds.

- **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.
- To control **fruit and shoot borer in okra**, Spray Bacillus thuringiensis 5% W.P @ 1.5 gram/lit of water.

**Fruits:** Maintain proper drainage facility in banana field to prevent rhizome rot. 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.

DrRanjan Kumar Mohanta  
(Nodal officer)



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



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Bulletin No.-513  
Date- 19/07/2024

**AGROMET ADVISORY BULLETIN FOR NISCHINTAKOILI**

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

The block received average 04 mm and district received average 09 mm rainfall during the last week. **The mean daily maximum and minimum temperature was 33.2°C (+0.92 from normal) and 25.5°C (+1.6 from normal), respectively.** The mean relative humidity was 81-89%.

**Forecasted period: Today(8.30IST) to 24<sup>th</sup> July(8.30IST)2024**

**Weather advisory: Moderate with isolated heavy rainfall is forecasted for today and Monday and moderate rainfall is forecasted for other 3 days in the block.** The day temperature will be 32-34°C and night temperature will be 25-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 74-86% and 48-58% 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)				
	19/07/2024	20/07/2024	21/07/2024	22/07/2024	23/07/2024
Rainfall(mm)	31	25	15	31	22
T-Max(°C)	32	34	34	32	32
T-Min(°C)	26	27	27	27	25
Cloud Cover(octa)	5	7	5	7	8
RH Max (%)	86	76	74	74	85
RH Min (%)	58	52	48	56	57
Wind Speed (Kmph)	16	15	18	15	18
Wind Direction (deg)	90	158	212	248	249

**Agromet Advisory**

**General advisory: Drain out excess water from rice nurseries, orchards, maize and jute fields. Postpone irrigation, intercultural operations, application of plant protection measures and fertilizers to the standing crops in upcoming 5 days. Keep the harvested produce at safer places. Cover the vegetable seedling with polythene to protect them from heavy shower.**

**Kharifrice:(DIRECT SEEDED RICE):** Direct seeded rice are at three to four week stage. As light to moderate amount of rainfall is forecasted in the upcoming days, farmers should go for beushanning. Apply 35 kg urea/ac at beushanning followed by weeding and gap filling. Drain out the excess water at the time of fertilizer application and pond it after one day. If basal fertilizer not applied, apply 18 kg urea, 100kg ssp and 26 kg MOP while beushanning followed by top dressing of 35 kg urea after 7-10 days. **To control weeds in direct sown rice field, spray Bispyribac sodium 10% SC @ 15ml/tanks of 16 litre capacities at 8- 10 DAS or when the weeds are at 2-3 leaf stage.**

**TRANSPLANTED RICE:**

Considering the anticipated rainfall; paddy transplanting may be completed in this week. 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;; spray Thiamethoxam 25 WG @ 125g/ha or apply Chloropyrifos @ 2.5ml/litre water. Present rainy weather favors infestation Wilt disease in Sugarcane, to control this drain out excess water and apply Copper oxychloride 50.0% 3 gram per liter of water.

**VEGETABLES AND FRUITS:** June-july is the best time for sowing of tomato in raised bed for nursery seedlings. Do seed treatment with Trichoderma viride @ 4g/kg seeds. The seed treatment must be done 24 hours before sowing of seeds.

- **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.
- To control **fruit and shoot borer in okra**, Spray Bacillus thuringiensis 5% W.P @ 1.5 gram/lit of water.

**Fruits:** Maintain proper drainage facility in banana field to prevent rhizome rot. 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.







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Bulletin No.-513  
Date- 19/07/2024

**AGROMET ADVISORY BULLETIN FOR SALEPUR**

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

The block received average 12 mm and district received average 09 mm rainfall during the last week. The mean daily maximum and minimum temperature was 33.2°C (+0.92 from normal) and 25.5°C (+1.6 from normal), respectively. The mean relative humidity was 81-89%.

**Forecasted period: Today(8.30IST) to 24<sup>th</sup> July(8.30IST)2024**

**Weather advisory: Moderate with isolated heavy rainfall is forecasted for today and Monday and moderate rainfall is forecasted for other 3 days in the block.** The day temperature will be 32-34°C and night temperature will be 25-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 75-86% and 48-58% 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	19/07/2024	20/07/2024	21/07/2024	22/07/2024	23/07/2024
Rainfall(mm)	31	25	15	31	22
T-Max(°C)	32	34	34	32	32
T-Min(°C)	26	27	27	27	25
Cloud Cover(octa)	5	7	5	7	8
RH Max (%)	86	76	75	75	85
RH Min (%)	58	52	48	56	57
Wind Speed (Kmph)	16	15	17	15	18
Wind Direction (deg)	90	158	212	248	249

**Agromet Advisory**

**General advisory: Drain out excess water from rice nurseries, orchards, maize and jute fields. Postpone irrigation, intercultural operations, application of plant protection measures and fertilizers to the standing crops in upcoming 5 days. Keep the harvested produce at safer places. Cover the vegetable seedling with polythene to protect them from heavy shower.**

**Kharifrice:(DIRECT SEEDED RICE):**

Direct seeded rice are at three to four week stage. As light to moderate amount of rainfall is forecasted in the upcoming days, farmers should go for beushanning. Apply 35 kg urea/ac at beushanning followed by weeding and gap filling. Drain out the excess water at the time of fertilizer application and pond it after one day. If basal fertilizer not applied, apply 18 kg urea, 100kg ssp and 26 kg MOP while beushanning followed by top dressing of 35 kg urea after 7-10 days. **To control weeds in direct sown rice field, spray Bispyribac sodium 10% SC @ 15ml/tanks of 16 litre capacities at 8- 10 DAS or when the weeds are at 2-3 leaf stage.**

**TRANSPLANTED RICE:**

Considering the anticipated rainfall; paddy transplanting may be completed in this week. 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 alongwith 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. To control **indigo caterpillar** apply Spinosad (45% S.C) 0.3 ml/liter of water or Emamectin benzoate (5% SC) 0.5 gram per liter of water.

**VEGETABLES AND FRUITS:** June-july is the best time for sowing of tomato in raised bed for nursery seedlings. Do seed treatment with Trichoderma viride @ 4g/kg seeds. The seed treatment must be done 24 hours before sowing of seeds.

- **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.
- To control **fruit and shoot borer in okra**, Spray Bacillus thuringiensis 5% W.P @ 1.5 gram/lit of water.

**Fruits:** Maintain proper drainage facility in banana field to prevent rhizome rot. Spray mancozeb 2g/litre, to control sigatoka leaf spot in **banana**. To control **papaya** yellow mosaic virus, spray Imidachloprid @ 0.5 ml / litre.

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(Nodal officer)



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Bulletin No.-513  
Date- 19/07/2024

**AGROMET ADVISORY BULLETIN FOR TANGI-CHOUDWAR**

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

The block received average 08 mm and district received average 09 mm rainfall during the last week. The mean daily maximum and minimum temperature was 33.2°C (+0.92 from normal) and 25.5°C (+1.6 from normal), respectively. The mean relative humidity was 81-89%.

**Forecasted period: Today(8.30IST) to 24<sup>th</sup> July(8.30IST)2024**

**Weather advisory: Moderate with isolated heavy rainfall is forecasted for today and Monday and moderate rainfall is forecasted for other 3 days in the block.** The day temperature will be 33-36°C and night temperature will be 29-31°C for upcoming 5 days. Maximum and minimum relative humidity will be 71-83% and 56-67% 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	19/07/2024	20/07/2024	21/07/2024	22/07/2024	23/07/2024
Rainfall(mm)	32	26	16	31	28
T-Max(°C)	33	35	35	36	35
T-Min(°C)	30	30	30	31	29
Cloud Cover(octa)	4	7	6	7	8
RH Max (%)	83	78	75	71	80
RH Min (%)	67	61	56	57	60
Wind Speed (Kmph)	19	20	24	22	22
Wind Direction (deg)	117	203	212	236	248

**Agromet Advisory**

**General advisory: Drain out excess water from rice nurseries, orchards, maize and jute fields. Postpone irrigation, intercultural operations, application of plant protection measures and fertilizers to the standing crops in upcoming 5 days. Keep the harvested produce at safer places. Cover the vegetable seedling with polythene to protect them from heavy shower.**

**Kharifrice:(DIRECT SEEDED RICE):** Direct seeded rice are at three to four week stage. As light to moderate amount of rainfall is forecasted in the upcoming days, farmers should go for beushanning. Apply 35 kg urea/ac at beushanning followed by weeding and gap filling. Drain out the excess water at the time of fertilizer application and pond it after one day. If basal fertilizer not applied, apply 18 kg urea, 100kg ssp and 26 kg MOP while beushanning followed by top dressing of 35 kg urea after 7-10 days. **To control weeds in direct sown rice field, spray Bispyribac sodium 10% SC @ 15ml/tanks of 16 litre capacities at 8- 10 DAS or when the weeds are at 2-3 leaf stage.**

**TRANSPLANTED RICE:**

Considering the anticipated rainfall; paddy transplanting may be completed in this week. 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 **Anthraxnose and bacterial stalk rot** disease in Maize, especially at seedling to vegetative stage. To control Anthraxnose apply some suitable Fungicide and to control Stalk rot apply Copper oxychloride based chemicals in dry days.

**VEGETABLES AND FRUITS:** June-july is the best time for sowing of tomato in raised bed for nursery seedlings. Do seed treatment with Trichoderma viride @ 4g/kg seeds. The seed treatment must be done 24 hours before sowing of seeds.

- **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.
- To control **fruit and shoot borer in okra**, Spray Bacillus thuringiensis 5% W.P @ 1.5 gram/lit of water.

**Fruits:** Maintain proper drainage facility in banana field to prevent rhizome rot. 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.

DrRanjan Kumar Mohanta  
(Nodal officer)



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



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SMS (Agrometeorology)  
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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)

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Bulletin No.-513  
Date- 19/07/2024

**AGROMET ADVISORY BULLETIN FOR TIGIRIA**

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

The block received average 08 mm and district received average 09 mm rainfall during the last week. The mean daily maximum and minimum temperature was 33.2°C (+0.92 from normal) and 25.5°C (+1.6 from normal), respectively. The mean relative humidity was 81-89%.

**Forecasted period: Today(8.30IST) to 24<sup>th</sup> July(8.30IST)2024**

**Weather advisory:** Moderate with isolated heavy rainfall is forecasted for today and Monday and moderate rainfall is forecasted for other 3 days in the block. The day temperature will be 31-33°C and night temperature will be 24-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 82-90% and 53-64% 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)				
	19/07/2024	20/07/2024	21/07/2024	22/07/2024	23/07/2024
Rainfall(mm)	32	26	16	31	28
T-Max(°C)	31	32	33	31	31
T-Min(°C)	25	26	26	25	24
Cloud Cover(octa)	6	7	6	8	8
RH Max (%)	90	84	82	83	89
RH Min (%)	63	58	53	62	64
Wind Speed (Kmph)	15	11	11	11	11
Wind Direction (deg)	68	165	225	248	248

**Agro met Advisory**

**General advisory:** Drain out excess water from rice nurseries, orchards, maize and jute fields. Postpone irrigation, intercultural operations, application of plant protection measures and fertilizers to the standing crops in upcoming 5 days. Keep the harvested produce at safer places. Cover the vegetable seedling with polythene to protect them from heavy shower.

**Kharifrice:(DIRECT SEEDED RICE):** Direct seeded ricere at three to four week stage. As light to moderate amount of rainfall is forecasted in the upcoming days, farmers should go for beushanning. Apply 35 kg urea/ac at beushanning followed by weeding and gap filling. Drain out the excess water at the time of fertilizer application and pond it after one day. If basal fertilizer not applied, apply 18 kg urea, 100kg ssp and 26 kg MOP while beushanning followed by top dressing of 35 kg urea after 7-10 days. To control weeds in direct sown rice field, spray Bispyribac sodium 10% SC @ 15ml/tanks of 16 litre capacities at 8- 10 DAS or when the weeds are at 2-3 leaf stage.

**TRANSPLANTED RICE:**

Considering the anticipated rainfall; paddy transplanting may be completed in this week. 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.

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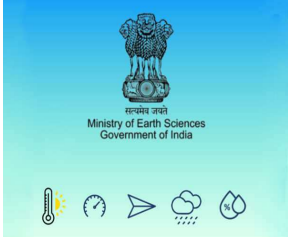
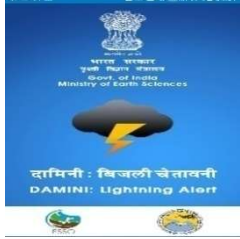


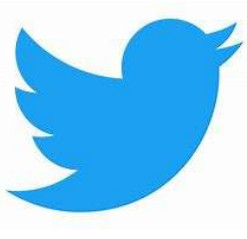
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Bulletin No.-513  
Date- 19/07/2024

				
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	<a href="https://icar-nrri.in/agromate/">https://icar-nrri.in/agromate/</a>	
2	Agrimet division, IMD, Pune	<a href="https://imdagrmet.gov.in/imdproject/AGIndex.php">https://imdagrmet.gov.in/imdproject/AGIndex.php</a>	