



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



Bulletin No-90
Date-19.05.2020

E-mail: kvkcuttack@gmail.com
AGROMET ADVISORY BULLETIN FOR ATHAGAD

District Past week weather condition

The district received 0 mm rainfall during the last week. The mean daily maximum and minimum temperature was 37°C and 25°C, respectively. Relative humidity of the district was around 73-53%. **According to NDVI map (06.05.2020 to 12.05.2020) the agriculture vigor was moderate over maximum blocks, whereas according to SPI value (cumulative 4weeks-16April 2020 to 13May 2020), moderately wet condition was there.**

Forecasted period: 20th May 2020 to 24th May 2020

Cyclone Advisory: The Super Cyclonic Storm 'AMPHAN' (pronounced as UM-PUN) over Westcentral Bay of Bengal moved north-northeastwards with a speed of 15 kmph during past 06 hours and lay centred at 0830 hrs IST of 19th May, 2020 near latitude 16.0°N and longitude 86.8°E over Westcentral Bay of Bengal about 480 km nearly south of Paradip (Odisha), 630 km south-southwest of Digha (West Bengal) and 750 km southsouthwest of Khepupara (Bangladesh). It is very likely to move north-northeastwards across northwest Bay of Bengal and cross West Bengal – Bangladesh coasts between Digha (West Bengal) and Hatiya Islands (Bangladesh) close to Sundarbans during the Afternoon / Evening of 20th May 2020 with maximum sustained wind speed of 155-165 kmph gusting to 185 kmph.

Weather advisory: Under the influence of upcoming system, **Light to moderate rainfall is forecasted for today and tomorrow in the block.** The day temperature will 27-34°C and night temperature will be 23-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 54-85% and 28-44% respectively. There will be partly cloudy to overcast sky for next 5 days. Squally wind speed reaching 35-45 kmph gusting to 55 kmph likely to prevail over the block during 20th May 2020.

Block	Athagad (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	Date	20/05/2020	21/05/2020	22/05/2020	23/05/2020
Rainfall (mm)	24	8	0	0	0
T-Max (°C)	28	27	34	33	33
T-Min (°C)	24	23	25	26	25
Cloud Cover (octa)	8	8	7	4	2
RH Max (%)	62	54	85	84	84
RH Min (%)	42	44	28	44	42
Wind Speed (kmph)	36	14	17	21	24
Wind Direction (deg)	19	288	158	162	167

Agromet Advisory

- As cloudy weather is forecasted with light rain from today, the harvested paddy should be shifted to safer places immediately.
- Use combine harvester and other farm machinery to complete the harvesting of matured paddy crop by today.
- Go for harvesting of medium duration rice at physiological maturity stage to avoid lodging and germination in the field itself.
- Drain out excess water in standing rice crop by making alleys (Pahi).
- Field drying of harvested paddy should be strictly avoided. Rather the harvested unthreshed crop should be stacked and covered till clear weather.
- Avoid intercultural operations, spraying and fertilization till tomorrow.
- Provide support to young fruit plants and vegetables. Cover the vegetable nursery with white polythene.
- Arrange adequate drainage channels in vegetables and other standing crop fields.
- Harvest matured vegetable crops and other crops immediately and shift to safer places.
- Arrange for staking in banana, papaya crops to prevent lodging due to high winds.
- Harvest the matured green gram and black gram crop immediately and shift to safer places
- Go for planting of vegetables immediately after rain for better utilization of rain water.
- Due to rain, **wilting** of plant may appear in early planted vegetable crops. To control it spray 1.5g Streptocycline with 25g Copper oxychloride per 10 litres of water.
- Seedling rot** is likely to appear in vegetable nursery. Spray Metalyxyl+Mancozeb/Carboxin+Thiram@2g/litre or Copper oxychloride@2.5g/litre of water to control it.
- Due to 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.
- 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.
- Keep the livestock indoors during rainfall if possible keep them loose inside the shed. keep feed for 3-5 days ,in case of any emergency.
- Repair the sheds for loose structure and rainfall.

Monsoon Forecast: This year, the onset of southwest monsoon over Kerala this year is likely to be slightly delayed as compared to normal date of onset. The monsoon onset over Kerala this year is likely to be on 5th June with a model error of ± 4 days.

Dr.Dilip Ranjan Sarangi
(Nodal officer)

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



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Bulletin No-90
Date-19.05.2020

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AGROMET ADVISORY BULLETIN FOR BADAMBA

District Past week weather condition

The district received 0 mm rainfall during the last week. The mean daily maximum and minimum temperature was 37°C and 25°C, respectively. Relative humidity of the district was around 73-53%. **According to NDVI map (06.05.2020 to 12.05.2020) the agriculture vigor was moderate over maximum blocks, whereas according to SPI value (cumulative 4weeks-16April 2020 to 13May 2020), moderately wet condition was there.**

Forecasted period: 20th May 2020 to 24th May 2020

Cyclone Advisory: The Super Cyclonic Storm 'AMPHAN' (pronounced as UM-PUN) over Westcentral Bay of Bengal moved north-northeastwards with a speed of 15 kmph during past 06 hours and lay centred at 0830 hrs IST of 19th May, 2020 near latitude 16.0°N and longitude 86.8°E over Westcentral Bay of Bengal about 480 km nearly south of Paradip (Odisha), 630 km south-southwest of Digha (West Bengal) and 750 km southsouthwest of Khepupara (Bangladesh). It is very likely to move north-northeastwards across northwest Bay of Bengal and cross West Bengal – Bangladesh coasts between Digha (West Bengal) and Hatiya Islands (Bangladesh) close to Sundarbans during the Afternoon / Evening of 20th May 2020 with maximum sustained wind speed of 155-165 kmph gusting to 185 kmph.

Weather advisory: Under the influence of upcoming system, **Light to moderate rainfall is forecasted for today and tomorrow in the block.** The day temperature will 28-37°C and night temperature will be 22-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 53-88% and 18-41% respectively. There will be partly cloudy to overcast sky for next 5 days. Squally wind speed reaching 35-45 kmph gusting to 55 kmph likely to prevail over the block during 20th May 2020.

Block	Badamba(VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	20/05/2020	21/05/2020	22/05/2020	23/05/2020	24/05/2020
Rainfall(mm)	10	5	0	0	0
T-Max(°C)	29	28	37	35	36
T-Min(°C)	26	22	24	24	24
Cloud Cover(octa)	8	8	7	5	1
RH Max (%)	53	53	88	85	84
RH Min (%)	36	41	18	38	34
Wind Speed (Kmph)	32	12	15	20	22
Wind Direction (deg)	19	285	158	162	159

Agromet Advisory

- As cloudy weather is forecasted with light rain from today, the harvested paddy should be shifted to safer places immediately.
- Use combine harvester and other farm machinery to complete the harvesting of matured paddy crop by today.
- Go for harvesting of medium duration rice at physiological maturity stage to avoid lodging and germination in the field itself.
- Drain out excess water in standing rice crop by making alleys (Pahi).
- Field drying of harvested paddy should be strictly avoided. Rather the harvested unthreshed crop should be stacked and covered till clear weather.
- Avoid intercultural operations, spraying and fertilization till tomorrow.
- Provide support to young fruit plants and vegetables. Cover the vegetable nursery with white polythene.
- Arrange adequate drainage channels in vegetables and other standing crop fields.
- Harvest matured vegetable crops and other crops immediately and shift to safer places.
- Arrange for staking in banana, papaya crops to prevent lodging due to high winds.
- Harvest the matured green gram and black gram crop immediately and shift to safer places
- Go for planting of vegetables immediately after rain for better utilization of rain water.
- Due to rain, **wilting** of plant may appear in early planted vegetable crops. To control it spray 1.5g Streptocycline with 25g Copper oxychloride per 10 litres of water.
- Seedling rot** is likely to appear in vegetable nursery. Spray Metalaxyl+Mancozeb/Carboxin+Thiram@2g/litre or Copper oxychloride@2.5g/litre of water to control it.
- Due to 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.
- 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.
- Keep the livestock indoors during rainfall if possible keep them loose inside the shed. keep feed for 3-5 days ,in case of any emergency.
- Repair the sheds for loose structure and rainfall.

Monsoon Forecast: This year, the onset of southwest monsoon over Kerala this year is likely to be slightly delayed as compared to normal date of onset. The monsoon onset over Kerala this year is likely to be on 5th June with a model error of ± 4 days.

Dr.Dilip Ranjan Sarangi
(Nodal officer)

Debasish Jena
SMS (Agrometeorology)
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AGROMET ADVISORY BULLETIN FOR BANKI

District Past week weather condition

The district received 0 mm rainfall during the last week. The mean daily maximum and minimum temperature was 37°C and 25°C, respectively. Relative humidity of the district was around 73-53%. **According to NDVI map (06.05.2020 to 12.05.2020) the agriculture vigor was moderate over maximum blocks, whereas according to SPI value (cumulative 4weeks-16April 2020 to 13May 2020), moderately wet condition was there.**

Forecasted period: 20th May 2020 to 24th May 2020

Cyclone Advisory: The Super Cyclonic Storm 'AMPHAN' (pronounced as UM-PUN) over Westcentral Bay of Bengal moved north-northeastwards with a speed of 15 kmph during past 06 hours and lay centred at 0830 hrs IST of 19th May, 2020 near latitude 16.0°N and longitude 86.8°E over Westcentral Bay of Bengal about 480 km nearly south of Paradip (Odisha), 630 km south-southwest of Digha (West Bengal) and 750 km southsouthwest of Khepupara (Bangladesh). It is very likely to move north-northeastwards across northwest Bay of Bengal and cross West Bengal – Bangladesh coasts between Digha (West Bengal) and Hatiya Islands (Bangladesh) close to Sundarbans during the Afternoon / Evening of 20th May 2020 with maximum sustained wind speed of 155-165 kmph gusting to 185 kmph.

Weather advisory: Under the influence of upcoming system, **Light to moderate rainfall is forecasted for today and tomorrow in the block.** The day temperature will 28-35°C and night temperature will be 22-25°C for upcoming 5 days. Maximum and minimum relative humidity will be 57-88% and 29-44% respectively. There will be partly cloudy to overcast sky for next 5 days. Squally wind speed reaching 35-45 kmph gusting to 55 kmph likely to prevail over the block during 20th May 2020.

Block	Banki (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	20/05/2020	21/05/2020	22/05/2020	23/05/2020	24/05/2020
Rainfall(mm)	13	9	0	0	0
T-Max(°C)	29	28	35	34	34
T-Min(°C)	25	22	24	25	25
Cloud Cover(octa)	8	8	7	4	2
RH Max (%)	57	58	88	85	83
RH Min (%)	40	42	29	44	41
Wind Speed (Kmph)	35	13	18	21	25
Wind Direction (deg)	18	288	158	162	180

Agromet Advisory

- As cloudy weather is forecasted with light rain from today, the harvested paddy should be shifted to safer places immediately.
- Use combine harvester and other farm machinery to complete the harvesting of matured paddy crop by today.
- Go for harvesting of medium duration rice at physiological maturity stage to avoid lodging and germination in the field itself.
- Drain out excess water in standing rice crop by making alleys (Pahi).
- Field drying of harvested paddy should be strictly avoided. Rather the harvested unthreshed crop should be stacked and covered till clear weather.
- Avoid intercultural operations, spraying and fertilization till tomorrow.
- Provide support to young fruit plants and vegetables. Cover the vegetable nursery with white polythene.
- Arrange adequate drainage channels in vegetables and other standing crop fields.
- Harvest matured vegetable crops and other crops immediately and shift to safer places.
- Arrange for staking in banana, papaya crops to prevent lodging due to high winds.
- Harvest the matured green gram and black gram crop immediately and shift to safer places
- Go for planting of vegetables immediately after rain for better utilization of rain water.
- Due to rain, **wilting** of plant may appear in early planted vegetable crops. To control it spray 1.5g Streptocycline with 25g Copper oxychloride per 10 litres of water.
- Seedling rot** is likely to appear in vegetable nursery. Spray Metalxyyl+Mancozeb/Carboxin+Thiram@2g/litre or Copper oxychloride@2.5g/litre of water to control it.
- Due to 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.
- After cessation of rain, **downy mildew disease** will appear in **cucurbits**. To control it, go for alternate spray of Metalxyyl+Mancozeb@2g/litre and Azoxystrobin+Tebuconazole @0.6g/litre of water at 10 days interval.
- Keep the livestock indoors during rainfall if possible keep them loose inside the shed. keep feed for 3-5 days ,in case of any emergency.
- Repair the sheds for loose structure and rainfall.

Monsoon Forecast: This year, the onset of southwest monsoon over Kerala this year is likely to be slightly delayed as compared to normal date of onset. The monsoon onset over Kerala this year is likely to be on 5th June with a model error of ± 4 days.

Dr. Dilip Ranjan Sarangi
(Nodal officer)

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AGROMET ADVISORY BULLETIN FOR BANKI- DAMPARA

District Past week weather condition

The district received 0 mm rainfall during the last week. The mean daily maximum and minimum temperature was 37°C and 25°C, respectively. Relative humidity of the district was around 73-53%. **According to NDVI map (06.05.2020 to 12.05.2020) the agriculture vigor was moderate over maximum blocks, whereas according to SPI value (cumulative 4weeks-16April 2020 to 13May 2020), moderately wet condition was there.**

Forecasted period: 20th May 2020 to 24th May 2020

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Weather advisory: Under the influence of upcoming system, **Light to moderate rainfall is forecasted for today and tomorrow in the block.** The day temperature will 28-35°C and night temperature will be 22-25°C for upcoming 5 days. Maximum and minimum relative humidity will be 58-87% and 31-45% respectively. There will be partly cloudy to overcast sky for next 5 days. Squally wind speed reaching 35-45 kmph gusting to 55 kmph likely to prevail over the block during 20th May 2020.

Block	Banki-Dampara (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	20/05/2020	21/05/2020	22/05/2020	23/05/2020	24/05/2020
Rainfall(mm)	17	8	0	0	0
T-Max(°C)	29	28	35	34	34
T-Min(°C)	25	22	25	25	25
Cloud Cover(octa)	8	8	7	4	2
RH Max (%)	58	59	87	85	83
RH Min (%)	41	42	31	45	42
Wind Speed (Kmph)	35	13	18	21	25
Wind Direction (deg)	18	288	159	162	180

Agromet Advisory

- As cloudy weather is forecasted with light rain from today, the harvested paddy should be shifted to safer places immediately.
- Use combine harvester and other farm machinery to complete the harvesting of matured paddy crop by today.
- Go for harvesting of medium duration rice at physiological maturity stage to avoid lodging and germination in the field itself.
- Drain out excess water in standing rice crop by making alleys (Pahi).
- Field drying of harvested paddy should be strictly avoided. Rather the harvested unthreshed crop should be stacked and covered till clear weather.
- Avoid intercultural operations, spraying and fertilization till tomorrow.
- Provide support to young fruit plants and vegetables. Cover the vegetable nursery with white polythene.
- Arrange adequate drainage channels in vegetables and other standing crop fields.
- Harvest matured vegetable crops and other crops immediately and shift to safer places.
- Arrange for staking in banana, papaya crops to prevent lodging due to high winds.
- Harvest the matured green gram and black gram crop immediately and shift to safer places
- Go for planting of vegetables immediately after rain for better utilization of rain water.
- Due to rain, **wilting** of plant may appear in early planted vegetable crops. To control it spray 1.5g Streptocycline with 25g Copper oxychloride per 10 litres of water.
- Seedling rot** is likely to appear in vegetable nursery. Spray Metalaxyl+Mancozeb/Carboxin+Thiram@2g/litre or Copper oxychloride@2.5g/litre of water to control it.
- Due to 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.
- 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.
- Keep the livestock indoors during rainfall if possible keep them loose inside the shed. keep feed for 3-5 days, in case of any emergency.
- Repair the sheds for loose structure and rainfall.

Monsoon Forecast: This year, the onset of southwest monsoon over Kerala this year is likely to be slightly delayed as compared to normal date of onset. The monsoon onset over Kerala this year is likely to be on 5th June with a model error of ± 4 days.

Dr. Dilip Ranjan Sarangi
 (Nodal officer)

Debasish Jena
SMS (Agrometeorology)
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AGROMET ADVISORY BULLETIN FOR BARANGA

District Past week weather condition

The district received 0 mm rainfall during the last week. The mean daily maximum and minimum temperature was 37°C and 25°C, respectively. Relative humidity of the district was around 73-53%. **According to NDVI map (06.05.2020 to 12.05.2020) the agriculture vigor was moderate over maximum blocks, whereas according to SPI value (cumulative 4weeks-16April 2020 to 13May 2020), moderately wet condition was there.**

Forecasted period: 20th May 2020 to 24th May 2020

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Weather advisory: Under the influence of upcoming system, Moderate to heavy rainfall is forecasted for today and tomorrow in the block. The day temperature will 27-32°C and night temperature will be 23-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 65-87% and 43-51% respectively. There will be partly cloudy to overcast sky for next 5 days. Squally wind speed reaching 45-55 kmph gusting to 65 kmph likely to prevail over the block during 20th May 2020.

Block	Baranga (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	20/05/2020	21/05/2020	22/05/2020	23/05/2020	24/05/2020
Rainfall(mm)	45	12	0	0	0
T-Max(°C)	27	27	32	32	32
T-Min(°C)	24	23	27	27	26
Cloud Cover	8	8	8	5	3
RH Max (%)	70	65	87	82	84
RH Min (%)	43	47	47	51	48
Wind Speed (Kmph)	44	15	19	20	23
Wind Direction (deg)	11	259	180	198	198

Agromet Advisory

- As cloudy weather is forecasted with light rain from today, the harvested paddy should be shifted to safer places immediately.
- Use combine harvester and other farm machinery to complete the harvesting of matured paddy crop by today.
- Go for harvesting of medium duration rice at physiological maturity stage to avoid lodging and germination in the field itself.
- Drain out excess water in standing rice crop by making alleys (Pahi).
- Field drying of harvested paddy should be strictly avoided. Rather the harvested unthreshed crop should be stacked and covered till clear weather.
- Avoid intercultural operations, spraying and fertilization till tomorrow.
- Provide support to young fruit plants and vegetables. Cover the vegetable nursery with white polythene.
- Arrange adequate drainage channels in vegetables and other standing crop fields.
- Harvest matured vegetable crops and other crops immediately and shift to safer places.
- Arrange for staking in banana, papaya crops to prevent lodging due to high winds.
- Harvest the matured green gram and black gram crop immediately and shift to safer places
- Go for planting of vegetables immediately after rain for better utilization of rain water.
- Due to rain, **wilting** of plant may appear in early planted vegetable crops. To control it spray 1.5g Streptocycline with 25g Copper oxychloride per 10 litres of water.
- **Seedling rot** is likely to appear in vegetable nursery. Spray Metalaxyl+Mancozeb/Carboxin+Thiram@2g/litre or Copper oxychloride@2.5g/litre of water to control it.
- Due to 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.
- 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.
- Keep the livestock indoors during rainfall if possible keep them loose inside the shed. keep feed for 3-5 days, in case of any emergency.
- Repair the sheds for loose structure and rainfall.

Monsoon Forecast: This year, the onset of southwest monsoon over Kerala this year is likely to be slightly delayed as compared to normal date of onset. The monsoon onset over Kerala this year is likely to be on 5th June with a model error of ± 4 days.

Dr. Dilip Ranjan Sarangi
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AGROMET ADVISORY BULLETIN FOR CUTTACK SADAR

District Past week weather condition

The district received 0 mm rainfall during the last week. The mean daily maximum and minimum temperature was 37°C and 25°C, respectively. Relative humidity of the district was around 73-53%. **According to NDVI map (06.05.2020 to 12.05.2020) the agriculture vigor was moderate over maximum blocks, whereas according to SPI value (cumulative 4weeks-16April 2020 to 13May 2020), moderately wet condition was there.**

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Weather advisory: Under the influence of upcoming system, **Moderate to heavy rainfall is forecasted for today and tomorrow in the block.** The day temperature will 26-32°C and night temperature will be 23-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 58-87% and 40-48% respectively. There will be partly cloudy to overcast sky for next 5 days. Squally wind speed reaching 55-65 kmph gusting to 75 kmph likely to prevail over the block during 20th May 2020.

Block	Cuttack sadar (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	20/05/2020	21/05/2020	22/05/2020	23/05/2020	24/05/2020
Rainfall(mm)	40	11	0	0	0
T-Max(°C)	27	26	32	32	32
T-Min(°C)	24	23	26	27	26
Cloud Cover(octa)	8	8	8	5	2
RH Max (%)	70	58	87	81	84
RH Min (%)	42	48	40	48	46
Wind Speed (Kmph)	43	15	17	20	23
Wind Direction (deg)	19	259	180	193	198

Agromet Advisory

- As cloudy weather is forecasted with light rain from today, the harvested paddy should be shifted to safer places immediately.
- Use combine harvester and other farm machinery to complete the harvesting of matured paddy crop by today.
- Go for harvesting of medium duration rice at physiological maturity stage to avoid lodging and germination in the field itself.
- Drain out excess water in standing rice crop by making alleys (Pahi).
- Field drying of harvested paddy should be strictly avoided. Rather the harvested unthreshed crop should be stacked and covered till clear weather.
- Avoid intercultural operations, spraying and fertilization till tomorrow.
- Provide support to young fruit plants and vegetables. Cover the vegetable nursery with white polythene.
- Arrange adequate drainage channels in vegetables and other standing crop fields.
- Harvest matured vegetable crops and other crops immediately and shift to safer places.
- Arrange for staking in banana, papaya crops to prevent lodging due to high winds.
- Harvest the matured green gram and black gram crop immediately and shift to safer places
- Go for planting of vegetables immediately after rain for better utilization of rain water.
- Due to rain, **wilting** of plant may appear in early planted vegetable crops. To control it spray 1.5g Streptocycline with 25g Copper oxychloride per 10 litres of water.
- Seedling rot** is likely to appear in vegetable nursery. Spray Metalaxyl+Mancozeb/Carboxin+Thiram@2g/litre or Copper oxychloride@2.5g/litre of water to control it.
- Due to 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.
- 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.
- Keep the livestock indoors during rainfall if possible keep them loose inside the shed. keep feed for 3-5 days, in case of any emergency.

Repair the sheds for loose structure and rainfall.

Monsoon Forecast: This year, the onset of southwest monsoon over Kerala this year is likely to be slightly delayed as compared to normal date of onset. The monsoon onset over Kerala this year is likely to be on 5th June with a model error of ± 4 days.

Dr. Dilip Ranjan Sarangi
 (Nodal officer)

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



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



Bulletin No-90
Date-19.05.2020

E-mail: kvkcuttack@gmail.com
AGROMET ADVISORY BULLETIN FOR KANTAPADA

District Past week weather condition

The district received 0 mm rainfall during the last week. The mean daily maximum and minimum temperature was 37°C and 25°C, respectively. Relative humidity of the district was around 73-53%. **According to NDVI map (06.05.2020 to 12.05.2020) the agriculture vigor was moderate over maximum blocks, whereas according to SPI value (cumulative 4weeks-16April 2020 to 13May 2020), moderately wet condition was there.**

Forecasted period: 20th May 2020 to 24th May 2020

Cyclone Advisory: The Super Cyclonic Storm 'AMPHAN' (pronounced as UM-PUN) over Westcentral Bay of Bengal moved north-northeastwards with a speed of 15 kmph during past 06 hours and lay centred at 0830 hrs IST of 19th May, 2020 near latitude 16.0°N and longitude 86.8°E over Westcentral Bay of Bengal about 480 km nearly south of Paradip (Odisha), 630 km south-southwest of Digha (West Bengal) and 750 km southsouthwest of Khepupara (Bangladesh). It is very likely to move north-northeastwards across northwest Bay of Bengal and cross West Bengal – Bangladesh coasts between Digha (West Bengal) and Hatiya Islands (Bangladesh) close to Sundarbans during the Afternoon / Evening of 20th May 2020 with maximum sustained wind speed of 155-165 kmph gusting to 185 kmph.

Weather advisory: Under the influence of upcoming system, **Moderate to heavy rainfall is forecasted for today and tomorrow in the block.** The day temperature will 27-32°C and night temperature will be 24-28°C for upcoming 5 days. Maximum and minimum relative humidity will be 72-87% and 45-55% respectively. There will be partly cloudy to overcast sky for next 5 days. Squally wind speed reaching 55-65 kmph gusting to 75 kmph likely to prevail over the block during 20th May 2020.

Block	Kantapada (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	20/05/2020	21/05/2020	22/05/2020	23/05/2020	24/05/2020
Rainfall(mm)	48	14	0	0	0
T-Max(°C)	27	28	32	32	32
T-Min(°C)	25	24	27	28	27
Cloud Cover(octa)	8	8	8	6	3
RH Max (%)	72	76	87	81	83
RH Min (%)	45	49	55	55	52
Wind Speed (Kmph)	47	15	19	20	23
Wind Direction (deg)	11	251	193	201	198

Agromet Advisory

- As cloudy weather is forecasted with light rain from today, the harvested paddy should be shifted to safer places immediately.
- Use combine harvester and other farm machinery to complete the harvesting of matured paddy crop by today.
- Go for harvesting of medium duration rice at physiological maturity stage to avoid lodging and germination in the field itself.
- Drain out excess water in standing rice crop by making alleys (Pahi).
- Field drying of harvested paddy should be strictly avoided. Rather the harvested unthreshed crop should be stacked and covered till clear weather.
- Avoid intercultural operations, spraying and fertilization till tomorrow.
- Provide support to young fruit plants and vegetables. Cover the vegetable nursery with white polythene.
- Arrange adequate drainage channels in vegetables and other standing crop fields.
- Harvest matured vegetable crops and other crops immediately and shift to safer places.
- Arrange for staking in banana, papaya crops to prevent lodging due to high winds.
- Harvest the matured green gram and black gram crop immediately and shift to safer places
- Go for planting of vegetables immediately after rain for better utilization of rain water.
- Due to rain, **wilting** of plant may appear in early planted vegetable crops. To control it spray 1.5g Streptocycline with 25g Copper oxychloride per 10 litres of water.
- **Seedling rot** is likely to appear in vegetable nursery. Spray Metalaxyl+Mancozeb/Carboxin+Thiram@2g/litre or Copper oxychloride@2.5g/litre of water to control it.
- Due to 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.
- 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.
- Keep the livestock indoors during rainfall if possible keep them loose inside the shed. keep feed for 3-5 days, in case of any emergency.
- Repair the sheds for loose structure and rainfall.

Monsoon Forecast: This year, the onset of southwest monsoon over Kerala this year is likely to be slightly delayed as compared to normal date of onset. The monsoon onset over Kerala this year is likely to be on 5th June with a model error of ± 4 days.

Dr. Dilip Ranjan Sarangi
(Nodal officer)

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



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



Bulletin No-90
Date-19.05.2020

E-mail: kvkcuttack@gmail.com

AGROMET ADVISORY BULLETIN FOR MAHANGA

District Past week weather condition

The district received 0 mm rainfall during the last week. The mean daily maximum and minimum temperature was 37°C and 25°C, respectively. Relative humidity of the district was around 73-53%. **According to NDVI map (06.05.2020 to 12.05.2020) the agriculture vigor was moderate over maximum blocks, whereas according to SPI value (cumulative 4weeks-16April 2020 to 13May 2020), moderately wet condition was there.**

Forecasted period: 20th May 2020 to 24th May 2020

Cyclone Advisory: The Super Cyclonic Storm 'AMPHAN' (pronounced as UM-PUN) over Westcentral Bay of Bengal moved north-northeastwards with a speed of 15 kmph during past 06 hours and lay centred at 0830 hrs IST of 19th May, 2020 near latitude 16.0°N and longitude 86.8°E over Westcentral Bay of Bengal about 480 km nearly south of Paradip (Odisha), 630 km south-southwest of Digha (West Bengal) and 750 km southsouthwest of Khepupara (Bangladesh). It is very likely to move north-northeastwards across northwest Bay of Bengal and cross West Bengal – Bangladesh coasts between Digha (West Bengal) and Hatiya Islands (Bangladesh) close to Sundarbans during the Afternoon / Evening of 20th May 2020 with maximum sustained wind speed of 155-165 kmph gusting to 185 kmph.

Weather advisory: Under the influence of upcoming system, **Moderate to heavy rainfall is forecasted for today and tomorrow in the block.** The day temperature will 27-33°C and night temperature will be 23-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 61-85% and 44-49% respectively. There will be partly cloudy to overcast sky for next 5 days. Squally wind speed reaching 55-65 kmph gusting to 75 kmph likely to prevail over the block during 20th May 2020.

Block	Mahanga (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	20/05/2020	21/05/2020	22/05/2020	23/05/2020	24/05/2020
Rainfall(mm)	44	17	0	0	0
T-Max(°C)	28	27	33	33	33
T-Min(°C)	25	23	26	27	27
Cloud Cover(octal)	8	8	8	5	3
RH Max (%)	74	61	85	82	83
RH Min (%)	44	45	46	49	48
Wind Speed (Kmph)	50	19	17	19	22
Wind Direction (deg)	23	250	180	193	198

Agromet Advisory

- As cloudy weather is forecasted with light rain from today, the harvested paddy should be shifted to safer places immediately.
 - Use combine harvester and other farm machinery to complete the harvesting of matured paddy crop by today.
 - Go for harvesting of medium duration rice at physiological maturity stage to avoid lodging and germination in the field itself.
 - Drain out excess water in standing rice crop by making alleys (Pahi).
 - Field drying of harvested paddy should be strictly avoided. Rather the harvested unthreshed crop should be stacked and covered till clear weather.
 - Avoid intercultural operations, spraying and fertilization till tomorrow.
 - Provide support to young fruit plants and vegetables. Cover the vegetable nursery with white polythene.
 - Arrange adequate drainage channels in vegetables and other standing crop fields.
 - Harvest matured vegetable crops and other crops immediately and shift to safer places.
 - Arrange for staking in banana, papaya crops to prevent lodging due to high winds.
 - Harvest the matured green gram and black gram crop immediately and shift to safer places
 - Go for planting of vegetables immediately after rain for better utilization of rain water.
 - Due to rain, **wilting** of plant may appear in early planted vegetable crops. To control it spray 1.5g Streptocycline with 25g Copper oxychloride per 10 litres of water.
 - Seedling rot** is likely to appear in vegetable nursery. Spray Metalaxyl+Mancozeb/Carboxin+Thiram@2g/litre or Copper oxychloride@2.5g/litre of water to control it.
 - Due to 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.
 - 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.
 - Keep the livestock indoors during rainfall if possible keep them loose inside the shed. keep feed for 3-5 days, in case of any emergency.
- Repair the sheds for loose structure and rainfall. Monsoon Forecast: This year, the onset of southwest monsoon over Kerala this year is likely to be slightly delayed as compared to normal date of onset. The monsoon onset over Kerala this year is likely to be on 5th June with a model error of ± 4 days.**

Dr. Dilip Ranjan Sarangi
(Nodal officer)

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



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



Bulletin No-90
Date-19.05.2020

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AGROMET ADVISORY BULLETIN FOR NARASINGHPUR

District Past week weather condition

The district received 0 mm rainfall during the last week. The mean daily maximum and minimum temperature was 37°C and 25°C, respectively. Relative humidity of the district was around 73-53%. **According to NDVI map (06.05.2020 to 12.05.2020) the agriculture vigor was moderate over maximum blocks, whereas according to SPI value (cumulative 4weeks-16April 2020 to 13May 2020), moderately wet condition was there.**

Forecasted period: 20th May 2020 to 24th May 2020

Cyclone Advisory: The Super Cyclonic Storm 'AMPHAN' (pronounced as UM-PUN) over Westcentral Bay of Bengal moved north-northeastwards with a speed of 15 kmph during past 06 hours and lay centred at 0830 hrs IST of 19th May, 2020 near latitude 16.0°N and longitude 86.8°E over Westcentral Bay of Bengal about 480 km nearly south of Paradip (Odisha), 630 km south-southwest of Digha (West Bengal) and 750 km southsouthwest of Khepupara (Bangladesh). It is very likely to move north-northeastwards across northwest Bay of Bengal and cross West Bengal – Bangladesh coasts between Digha (West Bengal) and Hatiya Islands (Bangladesh) close to Sundarbans during the Afternoon / Evening of 20th May 2020 with maximum sustained wind speed of 155-165 kmph gusting to 185 kmph.

Weather advisory: Under the influence of upcoming system, **Light to moderate rainfall is forecasted for today and tomorrow in the block.** The day temperature will 28-40°C and night temperature will be 21-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 50-90% and 07-36% respectively. There will be partly cloudy to overcast sky for next 5 days. Squally wind speed reaching 25-35 kmph gusting to 45 kmph likely to prevail over the block during 20th May 2020.

Block	Narasinghpur (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	20/05/2020	21/05/2020	22/05/2020	23/05/2020	24/05/2020
Rainfall(mm)	9	5	0	0	0
T-Max(°C)	28	29	40	36	37
T-Min(°C)	26	21	24	23	22
Cloud Cover(/octa)	8	8	7	5	1
RH Max (%)	57	50	90	87	89
RH Min (%)	35	36	7	26	25
Wind Speed (Kmph)	25	9	10	14	16
Wind Direction (deg)	18	338	162	162	162

Agromet Advisory

- As cloudy weather is forecasted with light rain from today, the harvested paddy should be shifted to safer places immediately.
- Use combine harvester and other farm machinery to complete the harvesting of matured paddy crop by today.
- Go for harvesting of medium duration rice at physiological maturity stage to avoid lodging and germination in the field itself.
- Drain out excess water in standing rice crop by making alleys (Pahi).
- Field drying of harvested paddy should be strictly avoided. Rather the harvested unthreshed crop should be stacked and covered till clear weather.
- Avoid intercultural operations, spraying and fertilization till tomorrow.
- Provide support to young fruit plants and vegetables. Cover the vegetable nursery with white polythene.
- Arrange adequate drainage channels in vegetables and other standing crop fields.
- Harvest matured vegetable crops and other crops immediately and shift to safer places.
- Arrange for staking in banana, papaya crops to prevent lodging due to high winds.
- Harvest the matured green gram and black gram crop immediately and shift to safer places
- Go for planting of vegetables immediately after rain for better utilization of rain water.
- Due to rain, **wilting** of plant may appear in early planted vegetable crops. To control it spray 1.5g Streptocycline with 25g Copper oxychloride per 10 litres of water.
- **Seedling rot** is likely to appear in vegetable nursery. Spray Metalaxyl+Mancozeb/Carboxin+Thiram@2g/litre or Copper oxychloride@2.5g/litre of water to control it.
- Due to 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.
- 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.
- Keep the livestock indoors during rainfall if possible keep them loose inside the shed. keep feed for 3-5 days, in case of any emergency.

Repair the sheds for loose structure and rainfall. **Monsoon Forecast:** This year, the onset of southwest monsoon over Kerala this year is likely to be slightly delayed as compared to normal date of onset. The monsoon onset over Kerala this year is likely to be on 5th June with a model error of ± 4 days.

Dr. Dilip Ranjan Sarangi
(Nodal officer)

Debasish Jena
SMS (Agrometeorology)
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GRAMIN KRUSHI MAUSAM SEVA
INDIA METEOROLOGICAL DEPARTMENT
DISTRICT AGROMET UNIT
KRISHI VIGYAN KENDRA CUTTACK
(A Unit of ICAR-National Rice Research Institute)



Bulletin No-90
Date-19.05.2020

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AGROMET ADVISORY BULLETIN FOR NIALI

District Past week weather condition

The district received 0 mm rainfall during the last week. The mean daily maximum and minimum temperature was 37°C and 25°C, respectively. Relative humidity of the district was around 73-53%. *According to NDVI map (06.05.2020 to 12.05.2020) the agriculture vigor was moderate over maximum blocks, whereas according to SPI value (cumulative 4weeks-16April 2020 to 13May 2020), moderately wet condition was there.*

Forecasted period: 20th May 2020 to 24th May 2020

Cyclone Advisory: The Super Cyclonic Storm 'AMPHAN' (pronounced as UM-PUN) over Westcentral Bay of Bengal moved north-northeastwards with a speed of 15 kmph during past 06 hours and lay centred at 0830 hrs IST of 19th May, 2020 near latitude 16.0°N and longitude 86.8°E over Westcentral Bay of Bengal about 480 km nearly south of Paradip (Odisha), 630 km south-southwest of Digha (West Bengal) and 750 km southsouthwest of Khepupara (Bangladesh). It is very likely to move north-northeastwards across northwest Bay of Bengal and cross West Bengal – Bangladesh coasts between Digha (West Bengal) and Hatiya Islands (Bangladesh) close to Sundarbans during the Afternoon / Evening of 20th May 2020 with maximum sustained wind speed of 155-165 kmph gusting to 185 kmph.

Weather advisory: Under the influence of upcoming system, Moderate to heavy rainfall is forecasted for today and tomorrow in the block. The day temperature will 28-33°C and night temperature will be 24-28°C for upcoming 5 days. Maximum and minimum relative humidity will be 75-87% and 49-61% respectively. There will be partly cloudy to overcast sky for next 5 days. Squally wind speed reaching 55-65 kmph gusting to 75 kmph likely to prevail over the block during 20th May 2020.

Block	Niali (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	20/05/2020	21/05/2020	22/05/2020	23/05/2020	24/05/2020
Rainfall(mm)	55	14	0	0	0
T-Max(°C)	28	30	32	33	33
T-Min(°C)	24	24	27	28	27
Cloud Cover(octa)	8	8	8	6	3
RH Max (%)	75	84	87	82	84
RH Min (%)	49	49	61	59	56
Wind Speed(Kmph)	48	15	20	20	23
Wind Direction(deg)	11	251	198	201	198

Agromet Advisory

- As cloudy weather is forecasted with light rain from today, the harvested paddy should be shifted to safer places immediately.
- Use combine harvester and other farm machinery to complete the harvesting of matured paddy crop by today.
- Go for harvesting of medium duration rice at physiological maturity stage to avoid lodging and germination in the field itself.
- Drain out excess water in standing rice crop by making alleys (Pahi).
- Field drying of harvested paddy should be strictly avoided. Rather the harvested unthreshed crop should be stacked and covered till clear weather.
- Avoid intercultural operations, spraying and fertilization till tomorrow.
- Provide support to young fruit plants and vegetables. Cover the vegetable nursery with white polythene.
- Arrange adequate drainage channels in vegetables and other standing crop fields.
- Harvest matured vegetable crops and other crops immediately and shift to safer places.
- Arrange for staking in banana, papaya crops to prevent lodging due to high winds.
- Harvest the matured green gram and black gram crop immediately and shift to safer places
- Go for planting of vegetables immediately after rain for better utilization of rain water.
- Due to rain, **wilting** of plant may appear in early planted vegetable crops. To control it spray 1.5g Streptocycline with 25g Copper oxychloride per 10 litres of water.
- Seedling rot** is likely to appear in vegetable nursery. Spray Metalaxyl+Mancozeb/Carboxin+Thiram@2g/litre or Copper oxychloride@2.5g/litre of water to control it.
- Due to 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.
- 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.
- Keep the livestock indoors during rainfall if possible keep them loose inside the shed. keep feed for 3-5 days, in case of any emergency.
- Repair the sheds for loose structure and rainfall.

Monsoon Forecast: This year, the onset of southwest monsoon over Kerala this year is likely to be slightly delayed as compared to normal date of onset. The monsoon onset over Kerala this year is likely to be on 5th June with a model error of ± 4 days.

Dr. Dilip Ranjan Sarangi
(Nodal officer)

Debasish Jena
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Bulletin No-90
Date-19.05.2020

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AGROMET ADVISORY BULLETIN FOR NISCHINTAKOILI

District Past week weather condition

The district received 0 mm rainfall during the last week. The mean daily maximum and minimum temperature was 37°C and 25°C, respectively. Relative humidity of the district was around 73-53%. *According to NDVI map (06.05.2020 to 12.05.2020) the agriculture vigor was moderate over maximum blocks, whereas according to SPI value (cumulative 4weeks-16April 2020 to 13May 2020), moderately wet condition was there.*

Forecasted period: 20th May 2020 to 24th May 2020

Cyclone Advisory: The Super Cyclonic Storm 'AMPHAN' (pronounced as UM-PUN) over Westcentral Bay of Bengal moved north-northeastwards with a speed of 15 kmph during past 06 hours and lay centred at 0830 hrs IST of 19th May, 2020 near latitude 16.0°N and longitude 86.8°E over Westcentral Bay of Bengal about 480 km nearly south of Paradip (Odisha), 630 km south-southwest of Digha (West Bengal) and 750 km southsouthwest of Khepupara (Bangladesh). It is very likely to move north-northeastwards across northwest Bay of Bengal and cross West Bengal – Bangladesh coasts between Digha (West Bengal) and Hatiya Islands (Bangladesh) close to Sundarbans during the Afternoon / Evening of 20th May 2020 with maximum sustained wind speed of 155-165 kmph gusting to 185 kmph.

Weather advisory: Under the influence of upcoming system, Moderate to heavy rainfall is forecasted for today and tomorrow in the block. The day temperature will 27-33°C and night temperature will be 23-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 65-85 % and 44-50% respectively. There will be partly cloudy to overcast sky for next 5 days. Squally wind speed reaching 55-65 kmph gusting to 75 kmph likely to prevail over the block during 20th May 2020.

Block	Nischintakoili (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	20/05/2020	21/05/2020	22/05/2020	23/05/2020	24/05/2020
Rainfall(mm)	46	18	0	0	0
T-Max(°C)	28	27	32	33	33
T-Min(°C)	25	23	27	27	27
Cloud Cover(octa)	8	8	8	5	3
RH Max (%)	75	65	85	82	83
RH Min (%)	44	50	49	50	49
Wind Speed (Kmph)	50	19	18	19	22
Wind Direction (deg)	360	251	193	193	198

Agromet Advisory

- As cloudy weather is forecasted with light rain from today, the harvested paddy should be shifted to safer places immediately.
- Use combine harvester and other farm machinery to complete the harvesting of matured paddy crop by today.
- Go for harvesting of medium duration rice at physiological maturity stage to avoid lodging and germination in the field itself.
- Drain out excess water in standing rice crop by making alleys (Pahi).
- Field drying of harvested paddy should be strictly avoided. Rather the harvested unthreshed crop should be stacked and covered till clear weather.
- Avoid intercultural operations, spraying and fertilization till tomorrow.
- Provide support to young fruit plants and vegetables. Cover the vegetable nursery with white polythene.
- Arrange adequate drainage channels in vegetables and other standing crop fields.
- Harvest matured vegetable crops and other crops immediately and shift to safer places.
- Arrange for staking in banana, papaya crops to prevent lodging due to high winds.
- Harvest the matured green gram and black gram crop immediately and shift to safer places
- Go for planting of vegetables immediately after rain for better utilization of rain water.
- Due to rain, **wilting** of plant may appear in early planted vegetable crops. To control it spray 1.5g Streptocycline with 25g Copper oxychloride per 10 litres of water.
- **Seedling rot** is likely to appear in vegetable nursery. Spray Metalaxyl+Mancozeb/Carboxin+Thiram@2g/litre or Copper oxychloride@2.5g/litre of water to control it.
- Due to 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.
- 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.
- Keep the livestock indoors during rainfall if possible keep them loose inside the shed. keep feed for 3-5 days, in case of any emergency.
- Repair the sheds for loose structure and rainfall.

Monsoon Forecast: This year, the onset of southwest monsoon over Kerala this year is likely to be slightly delayed as compared to normal date of onset. The monsoon onset over Kerala this year is likely to be on 5th June with a model error of ± 4 days.

Dr. Dilip Ranjan Sarangi
(Nodal officer)

Debasish Jena
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Bulletin No-90
Date-19.05.2020

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AGROMET ADVISORY BULLETIN FOR SALEPUR

District Past week weather condition

The district received 0 mm rainfall during the last week. The mean daily maximum and minimum temperature was 37°C and 25°C, respectively. Relative humidity of the district was around 73-53%. **According to NDVI map (06.05.2020 to 12.05.2020) the agriculture vigor was moderate over maximum blocks, whereas according to SPI value (cumulative 4weeks-16April 2020 to 13May 2020), moderately wet condition was there.**

Forecasted period: 20th May 2020 to 24th May 2020

Cyclone Advisory: The Super Cyclonic Storm 'AMPHAN' (pronounced as UM-PUN) over Westcentral Bay of Bengal moved north-northeastwards with a speed of 15 kmph during past 06 hours and lay centred at 0830 hrs IST of 19th May, 2020 near latitude 16.0°N and longitude 86.8°E over Westcentral Bay of Bengal about 480 km nearly south of Paradip (Odisha), 630 km south-southwest of Digha (West Bengal) and 750 km southsouthwest of Khepupara (Bangladesh). It is very likely to move north-northeastwards across northwest Bay of Bengal and cross West Bengal – Bangladesh coasts between Digha (West Bengal) and Hatiya Islands (Bangladesh) close to Sundarbans during the Afternoon / Evening of 20th May 2020 with maximum sustained wind speed of 155-165 kmph gusting to 185 kmph.

Weather advisory: Under the influence of upcoming system, Moderate to heavy rainfall is forecasted for today and tomorrow in the block. The day temperature will 27-33°C and night temperature will be 23-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 63-85% and 43-49% respectively. There will be partly cloudy to overcast sky for next 5 days. Squally wind speed reaching 55-65 kmph gusting to 75 kmph likely to prevail over the block during 20th May 2020.

Block	Salepur(VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	20/05/2020	21/05/2020	22/05/2020	23/05/2020	24/05/2020
Rainfall(mm)	43	15	0	0	0
T-Max(°C)	27	27	32	33	33
T-Min(°C)	25	23	27	27	27
Cloud Cover(octa)	8	8	8	5	3
RH Max (%)	74	63	85	82	83
RH Min (%)	43	49	48	49	48
Wind Speed (Kmph)	49	18	18	19	22
Wind Direction (deg)	360	248	193	193	198

Agromet Advisory

- As cloudy weather is forecasted with light rain from today, the harvested paddy should be shifted to safer places immediately.
- Use combine harvester and other farm machinery to complete the harvesting of matured paddy crop by today.
- Go for harvesting of medium duration rice at physiological maturity stage to avoid lodging and germination in the field itself.
- Drain out excess water in standing rice crop by making alleys (Pahi).
- Field drying of harvested paddy should be strictly avoided. Rather the harvested unthreshed crop should be stacked and covered till clear weather.
- Avoid intercultural operations, spraying and fertilization till tomorrow.
- Provide support to young fruit plants and vegetables. Cover the vegetable nursery with white polythene.
- Arrange adequate drainage channels in vegetables and other standing crop fields.
- Harvest matured vegetable crops and other crops immediately and shift to safer places.
- Arrange for staking in banana, papaya crops to prevent lodging due to high winds.
- Harvest the matured green gram and black gram crop immediately and shift to safer places
- Go for planting of vegetables immediately after rain for better utilization of rain water.
- Due to rain, **wilting** of plant may appear in early planted vegetable crops. To control it spray 1.5g Streptocycline with 25g Copper oxychloride per 10 litres of water.
- **Seedling rot** is likely to appear in vegetable nursery. Spray Metalaxyl+Mancozeb/Carboxin+Thiram@2g/litre or Copper oxychloride@2.5g/litre of water to control it.
- Due to 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.
- 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.
- Keep the livestock indoors during rainfall if possible keep them loose inside the shed. keep feed for 3-5 days, in case of any emergency.
- Repair the sheds for loose structure and rainfall.

Monsoon Forecast: This year, the onset of southwest monsoon over Kerala this year is likely to be slightly delayed as compared to normal date of onset. The monsoon onset over Kerala this year is likely to be on 5th June with a model error of ± 4 days.

Dr. Dilip Ranjan Sarangi
(Nodal officer)

Debasish Jena
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GRAMIN KRUSHI MAUSAM SEVA
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DISTRICT AGROMET UNIT
KRISHI VIGYAN KENDRA CUTTACK
(A Unit of ICAR-National Rice Research Institute)



Bulletin No-90
Date-19.05.2020

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AGROMET ADVISORY BULLETIN FOR TANGI-CHOUDWAR

District Past week weather condition

The district received 0 mm rainfall during the last week. The mean daily maximum and minimum temperature was 37°C and 25°C, respectively. Relative humidity of the district was around 73-53%. *According to NDVI map (06.05.2020 to 12.05.2020) the agriculture vigor was moderate over maximum blocks, whereas according to SPI value (cumulative 4weeks-16April 2020 to 13May 2020), moderately wet condition was there.*

Forecasted period: 20th May 2020 to 24th May 2020

Cyclone Advisory: The Super Cyclonic Storm 'AMPHAN' (pronounced as UM-PUN) over Westcentral Bay of Bengal moved north-northeastwards with a speed of 15 kmph during past 06 hours and lay centred at 0830 hrs IST of 19th May, 2020 near latitude 16.0°N and longitude 86.8°E over Westcentral Bay of Bengal about 480 km nearly south of Paradip (Odisha), 630 km south-southwest of Digha (West Bengal) and 750 km southsouthwest of Khepupara (Bangladesh). It is very likely to move north-northeastwards across northwest Bay of Bengal and cross West Bengal – Bangladesh coasts between Digha (West Bengal) and Hatiya Islands (Bangladesh) close to Sundarbans during the Afternoon / Evening of 20th May 2020 with maximum sustained wind speed of 155-165 kmph gusting to 185 kmph.

Weather advisory: Under the influence of upcoming system, Moderate to heavy rainfall is forecasted for today and tomorrow in the block. The day temperature will 32-34°C and night temperature will be 27-30°C for upcoming 5 days. Maximum and minimum relative humidity will be 83-89% and 54-67% respectively. There will be partly cloudy to overcast sky for next 5 days. Squally wind speed reaching 55-65 kmph gusting to 75 kmph likely to prevail over the block during 20th May 2020.

Block	Tangi-Choudwar(VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	20/05/2020	21/05/2020	22/05/2020	23/05/2020	24/05/2020
Date	20/05/2020	21/05/2020	22/05/2020	23/05/2020	24/05/2020
Rainfall(mm)	42	12	0	0	0
T-Max(°C)	32	32	34	34	34
T-Min(°C)	27	27	30	29	29
Cloud Cover(octa)	8	8	8	5	3
RH Max (%)	83	83	89	87	86
RH Min (%)	59	54	67	67	64
Wind Speed (Kmph)	60	23	21	20	23
Wind Direction (deg)	23	251	201	201	198

Agromet Advisory

- As cloudy weather is forecasted with light rain from today, the harvested paddy should be shifted to safer places immediately.
- Use combine harvester and other farm machinery to complete the harvesting of matured paddy crop by today.
- Go for harvesting of medium duration rice at physiological maturity stage to avoid lodging and germination in the field itself.
- Drain out excess water in standing rice crop by making alleys (Pahi).
- Field drying of harvested paddy should be strictly avoided. Rather the harvested unthreshed crop should be stacked and covered till clear weather.
- Avoid intercultural operations, spraying and fertilization till tomorrow.
- Provide support to young fruit plants and vegetables. Cover the vegetable nursery with white polythene.
- Arrange adequate drainage channels in vegetables and other standing crop fields.
- Harvest matured vegetable crops and other crops immediately and shift to safer places.
- Arrange for staking in banana, papaya crops to prevent lodging due to high winds.
- Harvest the matured green gram and black gram crop immediately and shift to safer places
- Go for planting of vegetables immediately after rain for better utilization of rain water.
- Due to rain, **wilting** of plant may appear in early planted vegetable crops. To control it spray 1.5g Streptocycline with 25g Copper oxychloride per 10 litres of water.
- **Seedling rot** is likely to appear in vegetable nursery. Spray Metalaxyl+Mancozeb/Carboxin+Thiram@2g/litre or Copper oxychloride@2.5g/litre of water to control it.
- Due to 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.
- 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.
- Keep the livestock indoors during rainfall if possible keep them loose inside the shed. keep feed for 3-5 days, in case of any emergency.
- Repair the sheds for loose structure and rainfall.

Monsoon Forecast: This year, the onset of southwest monsoon over Kerala this year is likely to be slightly delayed as compared to normal date of onset. The monsoon onset over Kerala this year is likely to be on 5th June with a model error of ± 4 days.

Dr. Dilip Ranjan Sarangi
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Bulletin No-90
Date-19.05.2020

E-mail: kvkcuttack@gmail.com

AGROMET ADVISORY BULLETIN FOR TIGIRIA

District Past week weather condition

The district received 0 mm rainfall during the last week. The mean daily maximum and minimum temperature was 37°C and 25°C, respectively. Relative humidity of the district was around 73-53%. **According to NDVI map (06.05.2020 to 12.05.2020) the agriculture vigor was moderate over maximum blocks, whereas according to SPI value (cumulative 4weeks-16April 2020 to 13May 2020), moderately wet condition was there.**

Forecasted period: 20th May 2020 to 24th May 2020

Cyclone Advisory: The Super Cyclonic Storm 'AMPHAN' (pronounced as UM-PUN) over Westcentral Bay of Bengal moved north-northeastwards with a speed of 15 kmph during past 06 hours and lay centred at 0830 hrs IST of 19th May, 2020 near latitude 16.0°N and longitude 86.8°E over Westcentral Bay of Bengal about 480 km nearly south of Paradip (Odisha), 630 km south-southwest of Digha (West Bengal) and 750 km southsouthwest of Khepupara (Bangladesh). It is very likely to move north-northeastwards across northwest Bay of Bengal and cross West Bengal – Bangladesh coasts between Digha (West Bengal) and Hatiya Islands (Bangladesh) close to Sundarbans during the Afternoon / Evening of 20th May 2020 with maximum sustained wind speed of 155-165 kmph gusting to 185 kmph.

Weather advisory: Under the influence of upcoming system, **Light to moderate rainfall is forecasted for today and tomorrow in the block.** The day temperature will 28-35°C and night temperature will be 22-25°C for upcoming 5 days. Maximum and minimum relative humidity will be 52-85% and 21-42% respectively. There will be partly cloudy to overcast sky for next 5 days. Squally wind speed reaching 35-45 kmph gusting to 55 kmph likely to prevail over the block during 20th May 2020.

Block	Tigiria (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	20/05/2020	21/05/2020	22/05/2020	23/05/2020	24/05/2020
Rainfall(mm)	18	6	0	0	0
T-Max(°C)	29	28	35	34	34
T-Min(°C)	25	22	25	25	25
Cloud Cover(octa)	8	8	7	5	1
RH Max (%)	57	52	85	84	84
RH Min (%)	39	42	21	41	38
Wind Speed (Kmph)	34	13	16	21	24
Wind Direction (deg)	19	293	156	159	159

Agromet Advisory

- As cloudy weather is forecasted with light rain from today, the harvested paddy should be shifted to safer places immediately.
- Use combine harvester and other farm machinery to complete the harvesting of matured paddy crop by today.
- Go for harvesting of medium duration rice at physiological maturity stage to avoid lodging and germination in the field itself.
- Drain out excess water in standing rice crop by making alleys (Pahi).
- Field drying of harvested paddy should be strictly avoided. Rather the harvested unthreshed crop should be stacked and covered till clear weather.
- Avoid intercultural operations, spraying and fertilization till tomorrow.
- Provide support to young fruit plants and vegetables. Cover the vegetable nursery with white polythene.
- Arrange adequate drainage channels in vegetables and other standing crop fields.
- Harvest matured vegetable crops and other crops immediately and shift to safer places.
- Arrange for staking in banana, papaya crops to prevent lodging due to high winds.
- Harvest the matured green gram and black gram crop immediately and shift to safer places
- Go for planting of vegetables immediately after rain for better utilization of rain water.
- Due to rain, **wilting** of plant may appear in early planted vegetable crops. To control it spray 1.5g Streptocycline with 25g Copper oxychloride per 10 litres of water.
- Seedling rot** is likely to appear in vegetable nursery. Spray Metalaxyl+Mancozeb/Carboxin+Thiram@2g/litre or Copper oxychloride@2.5g/litre of water to control it.
- Due to 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.
- 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.
- Keep the livestock indoors during rainfall if possible keep them loose inside the shed. keep feed for 3-5 days, in case of any emergency.
- Repair the sheds for loose structure and rainfall.

Monsoon Forecast: This year, the onset of southwest monsoon over Kerala this year is likely to be slightly delayed as compared to normal date of onset. The monsoon onset over Kerala this year is likely to be on 5th June with a model error of ± 4 days.

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