



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



**Bulletin No-86**  
**Date-05.05.2020**

E-mail: kvkcuttack@gmail.com

**AGROMET ADVISORY BULLETIN FOR ATHAGAD**

District Past week weather condition

The district received 46 mm rainfall during the last week. The mean daily maximum and minimum temperature was 35°C and 23°C, respectively. Relative humidity of the district was around 84-72%. According to NDVI map (22.04.2020 to 28.04.2020) the agriculture vigor was moderate over maximum blocks, whereas according to SPI value (cumulative 4weeks-02 April 2020 to 29 April 2020), severely wet condition was there.

Forecasted period: 06<sup>th</sup> May 2020 to 10<sup>th</sup> May 2020

**General Advisory:** Light to moderate rain or thundershower is forecasted for today, tomorrow and upcoming Saturday. The day temperature will 34-36°C and night temperature will be 23-25°C for upcoming 5 days. Maximum and minimum relative humidity will be 80-88% and 23-33% respectively. There will be clear to partly cloudy sky for next 5 days. As 46mm rainfall is realized in the last week, farmers should utilise the rain water for summer ploughing and land preparation for sowing of green manuring crop like Dhancha or sunhemp and also for planting of vegetables immediately after rain.

Block	Athagad (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	06/05/2020	07/05/2020	08/05/2020	09/05/2020	10/05/2020
Rainfall (mm)	14	6	0	0	3
T-Max (°C)	35	34	34	34	36
T-Min (°C)	24	23	23	24	25
Cloud Cover (octa)	4	3	0	1	5
RH Max (%)	87	88	84	84	80
RH Min (%)	31	31	31	33	23
Wind Speed (kmph)	18	12	16	17	15
Wind Direction (deg)	201	200	198	198	191

Agromet Advisory

**SUMMER PLOUGHING:** Go for summer ploughing to utilize the summer rain occurred in the last week. Summer ploughing should be done in rainfed lowland areas where direct seeded rice is grown and first ploughing should be done with Mould Board plough so that at least 15 - 20 cm of soil gets ploughed and second ploughing may be done with cultivators. In light soil conditions, fine tilth should be done with rotavators for direct seeding.

**JUTE:** The weather is optimum for Jute sowing. Grow the recommended variety JRO-524 (Naveen) of 130 to 140 days duration and resistant to mite. Apply 5 cartload of FYM per acre during final land preparation and apply 12:12 kg PK/acre as basal. Use 2 kg seeds/acre for line sowing and 3 kg seeds for broadcasting. Before sowing seeds are to be treated with 2 g Carbendazim or 3 g Thiram/kg seeds to avoid root and stem rot. To maintain 2 lakh healthy plants/acre, sow the seeds in lines at 25 cm apart with 3 cm depth.

**SESAME:** The early sown crop at 2 to 3 week stage. Go for weeding and hoeing. Apply 13 kg. urea followed by earthing up. Irrigate the crop after fertilizer application. Intercultural operations should be completed within 25 days as the flowering starts after 25 days. To control leaf webber, spray 400 ml Endosulphan. per acre.

**CASHEW NUT:** Cashew root and shoot borer infestation has been found. Cashew farmers are suggested to inspect base of trees for exudation/ oozing of gum out of trunk and if found, adopt curative treatment by carefully removing the bark and tracking the grubs inside and destroy them.

**VEGETABLES AND FRUITS:**

- 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.
- 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.
- **Rust** disease is likely to appear in **Cowpea**. Spray Chlorothalonil@2g/litre of water.
- Incidence of **thrips** may observe in **chilli**, if observe spray Spinosad 45% SC @ 0.4 ml/litre of water or Imidacloprid 17.8% SL @ 0.3 ml/litre of water in clear and dry weather.
- **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.
- Present weather may aggravate **fruit and vine rot** (symptoms: leaf spot, leaf blight, stem rot, fruit rot) of **pointed gourd**. If 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 clear and dry weather.
- **Pumpkin beetle** is an important pest found in **pumpkin**. To control this apply Carbaryl (0.4kg/acre) or Malathion (2kg/acre). Destroy the old and infested plants.
- Current weather favours spread of **YMV** in **Ladies finger**. In case of appearance of diseases, rogue out affected plants and spray Thiomethoxam 25WG @ 60g/acre.
- **Animal Husbandry:** Provide sufficient clean drinking water to cattle and keep their sheds clean. Due to increase in temperature, don't allow the domestic animals to outside for grazing during 11 am to 3 pm. Provide vaccination at regular interval.
- **The south west monsoon (June-September) forecast in 2020 over the country, predicted by IMD is likely to be Normal (96-104%). Hence Farmers should prepare the crop plan depending upon the land type, soil fertility, Variety availability and irrigation facility.**

Dr.Dilip Ranjan Sarangi  
 (Nodal officer)

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



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**AGROMET ADVISORY BULLETIN FOR BADAMBA**

**District Past week weather condition**

The district received 46 mm rainfall during the last week. The mean daily maximum and minimum temperature was 35°C and 23°C, respectively. Relative humidity of the district was around 84-72%. According to NDVI map (22.04.2020 to 28.04.2020) the agriculture vigor was moderate over maximum blocks, whereas according to SPI value (cumulative 4weeks-02 April 2020 to 29 April 2020), severely wet condition was there.

**Forecasted period: 06<sup>th</sup> May 2020 to 10<sup>th</sup> May 2020**

**General Advisory:** Light to moderate rain or thundershower is forecasted for today, tomorrow and upcoming Saturday. The day temperature will 34-36°C and night temperature will be 23-24°C for upcoming 5 days. Maximum and minimum relative humidity will be 74-88% and 22-34% respectively. There will be clear to partly cloudy sky for next 5 days. As 46mm rainfall is realized in the last week, farmers should utilise the rain water for summer ploughing and land preparation for sowing of green manuring crop like Dhancha or sunhemp and also for planting of vegetables immediately after rain.

Block	Badamba (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	06/05/2020	07/05/2020	08/05/2020	09/05/2020	10/05/2020
Rainfall(mm)	13	5	0	0	4
T-Max(°C)	36	34	34	35	36
T-Min(°C)	23	23	23	24	24
Cloud Cover(octa)	4	3	0	2	5
RH Max (%)	88	87	81	80	74
RH Min (%)	31	34	30	30	22
Wind Speed (Kmph)	17	10	14	13	11
Wind Direction (deg)	193	203	167	167	169

**Agromet Advisory**

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**JUTE:** The weather is optimum for Jute sowing. Grow the recommended variety JRO-524 (Naveen) of 130 to 140 days duration and resistant to mite. Apply 5 cartload of FYM per acre during final land preparation and apply 12:12 kg PK/acre as basal. Use 2 kg seeds/acre for line sowing and 3 kg seeds for broadcasting. Before sowing seeds are to be treated with 2 g Carbenidazim or 3 g Thiram/kg seeds to avoid root and stem rot. To maintain 2 lakh healthy plants/acre, sow the seeds in lines at 25 cm apart with 3 cm depth.

**SESAME:** The early sown crop at 2 to 3 week stage. Go for weeding and hoeing. Apply 13 kg. urea followed by earthing up. Irrigate the crop after fertilizer application. Intercultural operations should be completed within 25 days as the flowering starts after 25 days. To control leaf webber, spray 400 ml Endosulphan. per acre.

**CASHEWNUT:** Cashew root and shoot borer infestation has been found. Cashew farmers are suggested to inspect base of trees for exudation/ oozing of gum out of trunk and if found, adopt curative treatment by carefully removing the bark and tracking the grubs inside and destroy them.

**VEGETABLES AND FRUITS:**

- Due to Past rain, Chances of **fruit rot** infestation in **chilli and brinjal**, if observe spray Carbenidazim 50% WP @ 2 g/litre of water or Copper oxychloride 50% WP @ 3 g/litre of water. If necessary spray second and third round at 15 days interval.
- 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.
- **Rust** disease is likely to appear in **Cowpea**. Spray Chlorothalonil@2g/litre of water.
- Incidence of **thrips** may observe in **chilli**, if observe spray Spinosad 45% SC @ 0.4 ml/litre of water or Imidacloprid 17.8% SL @ 0.3 ml/litre of water in clean and dry weather.
- **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.
- Present weather may aggravate **fruit and vine rot** (symptoms: leaf spot, leaf blight, stem rot, fruit rot) of **pointed gourd**. If 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 clear and dry weather.
- **Pumpkin beetle** is an important pest found in **pumpkin**. To control this apply Carbaryl (0.4kg/acre) or Malathion (2kg/acre). Destroy the old and infested plants.
- Current weather favours spread of **YMV** in **Ladies finger**. In case of appearance of diseases, rogue out affected plants and spray Thiomethoxam 25WG @ 60g/acre.
- **Animal Husbandry:** Provide sufficient clean drinking water to cattle and keep their sheds clean. Due to increase in temperature, don't allow the domestic animals to outside for grazing during 11 am to 3 pm. Provide vaccination at regular interval.
- **The south west monsoon (June-September) forecast in 2020 over the country, predicted by IMD is likely to be Normal (96-104%). Hence Farmers should prepare the crop plan depending upon the land type, soil fertility, Variety availability and irrigation facility.**

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 (Nodal officer)

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**Bulletin No-86**  
**Date-05.05.2020**

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**AGROMET ADVISORY BULLETIN FOR BANKI**

**District Past week weather condition**

The district received 46 mm rainfall during the last week. The mean daily maximum and minimum temperature was 35°C and 23°C, respectively. Relative humidity of the district was around 84-72%. According to NDVI map (22.04.2020 to 28.04.2020) the agriculture vigor was moderate over maximum blocks, whereas according to SPI value (cumulative 4weeks-02 April 2020 to 29 April 2020), severely wet condition was there.

**Forecasted period: 06<sup>th</sup> May 2020 to 10<sup>th</sup> May 2020**

**General Advisory:** Light to moderate rain or thundershower is forecasted for today, tomorrow and upcoming Saturday. The day temperature will 34-36°C and night temperature will be 23-24°C for upcoming 5 days. Maximum and minimum relative humidity will be 79-87% and 26-35% respectively. There will be clear to partly cloudy sky for next 5 days. As 46mm rainfall is realized in the last week, farmers should utilise the rain water for summer ploughing and land preparation for sowing of green manuring crop like Dhancha or sunhemp and also for planting of vegetables immediately after rain.

Block	Banki (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	06/05/2020	07/05/2020	08/05/2020	09/05/2020	10/05/2020
Rainfall(mm)	15	6	0	0	5
T-Max(°C)	35	34	34	35	36
T-Min(°C)	24	23	23	24	24
Cloud Cover(octa)	4	3	0	1	6
RH Max (%)	87	87	83	83	79
RH Min (%)	34	35	34	34	26
Wind Speed (Kmph)	19	13	16	17	14
Wind Direction (deg)	193	198	193	198	191

**Agromet Advisory**

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**JUTE:** The weather is optimum for Jute sowing. Grow the recommended variety JRO-524 (Naveen) of 130 to 140 days duration and resistant to mite. Apply 5 cartload of FYM per acre during final land preparation and apply 12:12 kg PK/acre as basal. Use 2 kg seeds/acre for line sowing and 3 kg seeds for broadcasting. Before sowing seeds are to be treated with 2 g Carbenidazim or 3 g Thiram/kg seeds to avoid root and stem rot. To maintain 2 lakh healthy plants/acre, sow the seeds in lines at 25 cm apart with 3 cm depth.

**SESAME:** The early sown crop at 2 to 3 week stage. Go for weeding and hoeing. Apply 13 kg. urea followed by earthing up. Irrigate the crop after fertilizer application. Intercultural operations should be completed within 25 days as the flowering starts after 25 days. To control leaf webber, spray 400 ml Endosulphan. per acre.

**CASHEWNUT:** Cashew root and shoot borer infestation has been found. Cashew farmers are suggested to inspect base of trees for exudation/ oozing of gum out of trunk and if found, adopt curative treatment by carefully removing the bark and tracking the grubs inside and destroy them.

**VEGETABLES AND FRUITS:**

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- 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.
- **Rust** disease is likely to appear in **Cowpea**. Spray Chlorothalonil@2g/litre of water.
- Incidence of **thrips** may observe in **chilli**, if observe spray Spinosad 45% SC @ 0.4 ml/litre of water or Imidacloprid 17.8% SL @ 0.3 ml/litre of water in clean and dry weather.
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- Present weather may aggravate **fruit and vine rot** (symptoms: leaf spot, leaf blight, stem rot, fruit rot) of **pointed gourd**. If 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 clear and dry weather.
- **Pumpkin beetle** is an important pest found in **pumpkin**. To control this apply Carbaryl (0.4kg/acre) or Malathion (2kg/acre). Destroy the old and infested plants.
- Current weather favours spread of **YMV** in **Ladies finger**. In case of appearance of diseases, rogue out affected plants and spray Thiomethoxam 25WG @ 60g/acre.

• **Animal Husbandry:** Provide sufficient clean drinking water to cattle and keep their sheds clean. Due to increase in temperature, don't allow the domestic animals to outside for grazing during 11 am to 3 pm. Provide vaccination at regular interval.

• **The south west monsoon (June-September) forecast in 2020 over the country, predicted by IMD is likely to be Normal (96-104%). Hence Farmers should prepare the crop plan depending upon the land type, soil fertility, Variety availability and irrigation facility.**

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**Bulletin No-86**  
**Date-05.05.2020**

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**AGROMET ADVISORY BULLETIN FOR BANKI- DAMPARA**  
**District Past week weather condition**

The district received 46 mm rainfall during the last week. The mean daily maximum and minimum temperature was 35°C and 23°C, respectively. Relative humidity of the district was around 84-72%. According to NDVI map (22.04.2020 to 28.04.2020) the agriculture vigor was moderate over maximum blocks, whereas according to SPI value (cumulative 4weeks-02 April 2020 to 29 April 2020), severely wet condition was there.

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Block	Banki-Dampara (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	06/05/2020	07/05/2020	08/05/2020	09/05/2020	10/05/2020
Rainfall(mm)	16	7	0	0	5
T-Max(°C)	35	34	34	34	37
T-Min(°C)	24	24	23	24	24
Cloud Cover(octa)	4	3	0	1	6
RH Max (%)	87	87	83	83	79
RH Min (%)	35	35	35	35	27
Wind Speed (Kmph)	20	13	16	17	14
Wind Direction (deg)	201	198	201	198	191

**Agromet Advisory**

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**JUTE:** The weather is optimum for Jute sowing. Grow the recommended variety JRO-524 (Naveen) of 130 to 140 days duration and resistant to mite. Apply 5 cartload of FYM per acre during final land preparation and apply 12:12 kg PK/acre as basal. Use 2 kg seeds/acre for line sowing and 3 kg seeds for broadcasting. Before sowing seeds are to be treated with 2 g Carbenidazim or 3 g Thiram/kg seeds to avoid root and stem rot. To maintain 2 lakh healthy plants/acre, sow the seeds in lines at 25 cm apart with 3 cm depth.

**SESAME:** The early sown crop at 2 to 3 week stage. Go for weeding and hoeing. Apply 13 kg. urea followed by earthing up. Irrigate the crop after fertilizer application. Intercultural operations should be completed within 25 days as the flowering starts after 25 days. To control leaf webber, spray 400 ml Endosulphan. per acre.

**CASHEWNUT:** Cashew root and shoot borer infestation has been found. Cashew farmers are suggested to inspect base of trees for exudation/ oozing of gum out of trunk and if found, adopt curative treatment by carefully removing the bark and tracking the grubs inside and destroy them.

**VEGETABLES AND FRUITS:**

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- 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.
- **Rust** disease is likely to appear in **Cowpea**. Spray Chlorothalonil @2g/litre of water.
- Incidence of **thrips** may observe in **chilli**, if observe spray Spinosad 45% SC @ 0.4 ml/litre of water or Imidacloprid 17.8% SL @ 0.3 ml/litre of water in clean and dry weather.
- **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.
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**AGROMET ADVISORY BULLETIN FOR BARANGA**  
**District Past week weather condition**

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Block	Baranga (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	06/05/2020	07/05/2020	08/05/2020	09/05/2020	10/05/2020
Rainfall(mm)	12	5	0	0	3
T-Max(°C)	34	34	35	34	37
T-Min(°C)	25	24	24	24	25
Cloud Cover	4	3	0	1	6
RH Max (%)	85	85	83	83	80
RH Min (%)	37	37	34	40	27
Wind Speed (Kmph)	23	15	20	22	19
Wind Direction (deg)	204	203	201	203	199

**Agromet Advisory**

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- **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.
- Present weather may aggravate **fruit and vine rot** (symptoms: leaf spot, leaf blight, stem rot, fruit rot) of **pointed gourd**. If 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 clear and dry weather.
- **Pumpkin beetle** is an important pest found in **pumpkin**. To control this apply Carbaryl (0.4kg/acre) or Malathion (2kg/acre). Destroy the old and infested plants.
- Current weather favours spread of **YMV** in **Ladies finger**. In case of appearance of diseases, rogue out affected plants and spray Thiomethoxam 25WG @ 60g/acre.
- **Animal Husbandry:** Provide sufficient clean drinking water to cattle and keep their sheds clean. Due to increase in temperature, don't allow the domestic animals to outside for grazing during 11 am to 3 pm. Provide vaccination at regular interval.
- **The south west monsoon (June-September) forecast in 2020 over the country, predicted by IMD is likely to be Normal (96-104%). Hence Farmers should prepare the crop plan depending upon the land type, soil fertility, Variety availability and irrigation facility.**

**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-86**  
**Date-05.05.2020**

E-mail: kvkcuttack@gmail.com

**AGROMET ADVISORY BULLETIN FOR CUTTACK SADAR**

**District Past week weather condition**

The district received 46 mm rainfall during the last week. The mean daily maximum and minimum temperature was 35°C and 23°C, respectively. Relative humidity of the district was around 84-72%. According to NDVI map (22.04.2020 to 28.04.2020) the agriculture vigor was moderate over maximum blocks, whereas according to SPI value (cumulative 4weeks-02 April 2020 to 29 April 2020), severely wet condition was there.

**Forecasted period: 06<sup>th</sup> May 2020 to 10<sup>th</sup> May 2020**

**General Advisory:** Light to moderate rain or thundershower is forecasted for today, tomorrow and upcoming Saturday. The day temperature will 34-36°C and night temperature will be 24-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 79-88% and 24-35% respectively. There will be clear to partly cloudy sky for next 5 days. As 46mm rainfall is realized in the last week, farmers should utilise the rain water for summer ploughing and land preparation for sowing of green manuring crop like Dhancha or sunhemp and also for planting of vegetables immediately after rain.

Block	Cuttack sadar (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	06/05/2020	07/05/2020	08/05/2020	09/05/2020	10/05/2020
Rainfall(mm)	11	6	0	0	3
T-Max(°C)	35	34	35	34	36
T-Min(°C)	25	24	24	24	26
Cloud Cover(octa)	4	3	0	1	6
RH Max (%)	85	88	83	84	79
RH Min (%)	34	32	32	35	24
Wind Speed (Kmph)	21	13	18	20	18
Wind Direction (deg)	204	203	201	203	199

**Agromet Advisory**

**SUMMER PLOUGHING:** Go for summer ploughing to utilize the summer rain occurred in the last week. Summer ploughing should be done in rainfed lowland areas where direct seeded rice is grown and first ploughing should be done with Mould Board plough so that at least 15 - 20 cm of soil gets ploughed and second ploughing may be done with cultivators. In light soil conditions, fine tilth should be done with rotavators for direct seeding.

**JUTE:** The weather is optimum for Jute sowing. Grow the recommended variety JRO-524 (Naveen) of 130 to 140 days duration and resistant to mite. Apply 5 cartload of FYM per acre during final land preparation and apply 12:12 kg PK/acre as basal. Use 2 kg seeds/acre for line sowing and 3 kg seeds for broadcasting. Before sowing seeds are to be treated with 2 g Carbenidazim or 3 g Thiram/kg seeds to avoid root and stem rot. To maintain 2 lakh healthy plants/acre, sow the seeds in lines at 25 cm apart with 3 cm depth.

**SESAME:** The early sown crop at 2 to 3 week stage. Go for weeding and hoeing. Apply 13 kg. urea followed by earthing up. Irrigate the crop after fertilizer application. Intercultural operations should be completed within 25 days as the flowering starts after 25 days. To control leaf webber, spray 400 ml Endosulphan. per acre.

**CASHEWNUT:** Cashew root and shoot borer infestation has been found. Cashew farmers are suggested to inspect base of trees for exudation/ oozing of gum out of trunk and if found, adopt curative treatment by carefully removing the bark and tracking the grubs inside and destroy them.

**VEGETABLES AND FRUITS:**

- Due to Past rain, Chances of **fruit rot** infestation in **chilli and brinjal**, if observe spray Carbenidazim 50% WP @ 2 g/litre of water or Copper oxychloride 50% WP @ 3 g/litre of water. If necessary spray second and third round at 15 days interval.
- 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.
- **Rust** disease is likely to appear in **Cowpea**. Spay Chlorothalonil@2g/litre of water.
- Incidence of **thrips** may observe in **chilli**, if observe spray Spinosad 45% SC @ 0.4 ml/litre of water or Imidacloprid 17.8% SL @ 0.3 ml/litre of water in clean and dry weather.
- **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.
- Present weather may aggravate **fruit and vine rot** (symptoms: leaf spot, leaf blight, stem rot, fruit rot) of **pointed gourd**. If 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 clear and dry weather.
- **Pumpkin beetle** is an important pest found in **pumpkin**. To control this apply Carbaryl (0.4kg/acre) or Malathion (2kg/acre). Destroy the old and infested plants.
- Current weather favours spread of **YMV** in **Ladies finger**. In case of appearance of diseases, rogue out affected plants and spray Thiomethoxam 25WG @ 60g/acre.
- **Animal Husbandry:** Provide sufficient clean drinking water to cattle and keep their sheds clean. Due to increase in temperature, don't allow the domestic animals to outside for grazing during 11 am to 3 pm. Provide vaccination at regular interval.
- **The south west monsoon (June-September) forecast in 2020 over the country, predicted by IMD is likely to be Normal (96-104%). Hence Farmers should prepare the crop plan depending upon the land type, soil fertility, Variety availability and irrigation facility.**

**Dr. Dilip Ranjan Sarangi**  
 (Nodal officer)

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**Bulletin No-86**  
**Date-05.05.2020**

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**AGROMET ADVISORY BULLETIN FOR KANTAPADA**

**District Past week weather condition**

The district received **46 mm rainfall during the last week**. The mean daily maximum and minimum temperature was 35°C and 23°C, respectively. Relative humidity of the district was around 84-72%. **According to NDVI map (22.04.2020 to 28.04.2020) the agriculture vigor was moderate over maximum blocks, whereas according to SPI value (cumulative 4weeks-02 April 2020 to 29 April 2020), severely wet condition was there.**

**Forecasted period: 06<sup>th</sup> May 2020 to 10<sup>th</sup> May 2020**

**General Advisory:** Light to moderate rain or thundershower is forecasted for today, tomorrow and upcoming Saturday. The day temperature will 33-38°C and night temperature will be 24-25°C for upcoming 5 days. Maximum and minimum relative humidity will be 83-84% and 32-44% respectively. There will be clear to partly cloudy sky for next 5 days. **As 46mm rainfall is realized in the last week, farmers should utilise the rain water for summer ploughing and land preparation for sowing of green manuring crop like Dhancha or sunhemp and also for planting of vegetables immediately after rain.**

Block	Kantapada (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	06/05/2020	07/05/2020	08/05/2020	09/05/2020	10/05/2020
Rainfall(mm)	11	3	0	0	2
T-Max(°C)	33	34	36	34	38
T-Min(°C)	25	25	24	25	25
Cloud Cover(octa)	4	4	0	0	5
RH Max (%)	83	84	83	83	83
RH Min (%)	41	44	34	44	32
Wind Speed (Kmph)	26	19	22	24	21
Wind Direction (deg)	204	204	201	203	203

**Agromet Advisory**

**SUMMER PLOUGHING:** Go for summer ploughing to utilize the summer rain occurred in the last week. Summer ploughing should be done in rainfed lowland areas where direct seeded rice is grown and first ploughing should be done with Mould Board plough so that at least 15 - 20 cm of soil gets ploughed and second ploughing may be done with cultivators. In light soil conditions, fine tilth should be done with rotavators for direct seeding.

**JUTE:** The weather is optimum for Jute sowing. Grow the recommended variety JRO-524 (Naveen) of 130 to 140 days duration and resistant to mite. Apply 5 cartload of FYM per acre during final land preparation and apply 12:12 kg PK/acre as basal. Use 2 kg seeds/acre for line sowing and 3 kg seeds for broadcasting. Before sowing seeds are to be treated with 2 g Carbendazim or 3 g Thiram/kg seeds to avoid root and stem rot. To maintain 2 lakh healthy plants/acre, sow the seeds in lines at 25 cm apart with 3 cm depth.

**SESAME:** The early sown crop at 2 to 3 week stage. Go for weeding and hoeing. Apply 13 kg. urea followed by earthing up. Irrigate the crop after fertilizer application. Intercultural operations should be completed within 25 days as the flowering starts after 25 days. To control leaf webber, spray 400 ml Endosulphan. per acre.

**CASHEWNUT:** Cashew root and shoot borer infestation has been found. Cashew farmers are suggested to inspect base of trees for exudation/ oozing of gum out of trunk and if found, adopt curative treatment by carefully removing the bark and tracking the grubs inside and destroy them.

**VEGETABLES AND FRUITS:**

- 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.
- 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.
- **Rust** disease is likely to appear in **Cowpea**. Spray Chlorothalonil@2g/litre of water.
- Incidence of **thrips** may observe in **chilli**, if observe spray Spinosad 45% SC @ 0.4 ml/litre of water or Imidacloprid 17.8% SL @ 0.3 ml/litre of water in clean and dry weather.
- **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.
- Present weather may aggravate **fruit and vine rot** (symptoms: leaf spot, leaf blight, stem rot, fruit rot) of **pointed gourd**. If 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 clear and dry weather.
- **Pumpkin beetle** is an important pest found in **pumpkin**. To control this apply Carbaryl (0.4kg/acre) or Malathion (2kg/acre). Destroy the old and infested plants.
- Current weather favours spread of **YMV** in **Ladies finger**. In case of appearance of diseases, rogue out affected plants and spray Thiomethoxam 25WG @ 60g/acre.
- **Animal Husbandry:** Provide sufficient clean drinking water to cattle and keep their sheds clean. Due to increase in temperature, don't allow the domestic animals to outside for grazing during 11 am to 3 pm. Provide vaccination at regular interval.
- **The south west monsoon (June-September) forecast in 2020 over the country, predicted by IMD is likely to be Normal (96-104%). Hence Farmers should prepare the crop plan depending upon the land type, soil fertility, Variety availability and irrigation facility.**

**Dr.Dilip Ranjan Sarangi**  
 (Nodal officer)

**Debasish Jena**  
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**INDIA METEOROLOGICAL DEPARTMENT**  
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**KRISHI VIGYAN KENDRA CUTTACK**  
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**Bulletin No-86**  
**Date-05.05.2020**

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**AGROMET ADVISORY BULLETIN FOR MAHANGA**

**District Past week weather condition**

The district received 46 mm rainfall during the last week. The mean daily maximum and minimum temperature was 35°C and 23°C, respectively. Relative humidity of the district was around 84-72%. **According to NDVI map (22.04.2020 to 28.04.2020) the agriculture vigor was moderate over maximum blocks, whereas according to SPI value (cumulative 4weeks-02 April 2020 to 29 April 2020), severely wet condition was there.**

**Forecasted period: 06<sup>th</sup> May 2020 to 10<sup>th</sup> May 2020**

**General Advisory:** Light to moderate rain or thundershower is forecasted for today, tomorrow and upcoming Saturday. The day temperature will 34-37°C and night temperature will be 24-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 79-85% and 24-36% respectively. There will be clear to partly cloudy sky for next 5 days. **As 46mm rainfall is realized in the last week, farmers should utilise the rain water for summer ploughing and land preparation for sowing of green manuring crop like Dhanca or sunhemp and also for planting of vegetables immediately after rain.**

Block	Mahanga (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	06/05/2020	07/05/2020	08/05/2020	09/05/2020	10/05/2020
Rainfall(mm)	11	4	8	0	4
T-Max(°C)	34	34	36	35	37
T-Min(°C)	25	24	24	24	26
Cloud Cover(octal)	4	3	1	1	5
RH Max (%)	80	85	84	83	79
RH Min (%)	35	36	31	35	24
Wind Speed (Kmph)	22	17	20	23	19
Wind Direction (deg)	204	214	204	203	203

**Agromet Advisory**

**SUMMER PLOUGHING:** Go for summer ploughing to utilize the summer rain occurred in the last week. Summer ploughing should be done in rainfed lowland areas where direct seeded rice is grown and first ploughing should be done with Mould Board plough so that at least 15 - 20 cm of soil gets ploughed and second ploughing may be done with cultivators. In light soil conditions, fine tilth should be done with rotavators for direct seeding.

**JUTE:** The weather is optimum for Jute sowing. Grow the recommended variety JRO-524 (Naveen) of 130 to 140 days duration and resistant to mite. Apply 5 cartload of FYM per acre during final land preparation and apply 12:12 kg PK/acre as basal. Use 2 kg seeds/acre for line sowing and 3 kg seeds for broadcasting. Before sowing seeds are to be treated with 2 g Carbendazim or 3 g Thiram/kg seeds to avoid root and stem rot. To maintain 2 lakh healthy plants/acre, sow the seeds in lines at 25 cm apart with 3 cm depth.

**SESAME:** The early sown crop at 2 to 3 week stage. Go for weeding and hoeing. Apply 13 kg. urea followed by earthing up. Irrigate the crop after fertilizer application. Intercultural operations should be completed within 25 days as the flowering starts after 25 days. To control leaf webber, spray 400 ml Endosulphan. per acre.

**CASHEW NUT:** Cashew root and shoot borer infestation has been found. Cashew farmers are suggested to inspect base of trees for exudation/ oozing of gum out of trunk and if found, adopt curative treatment by carefully removing the bark and tracking the grubs inside and destroy them.

**VEGETABLES AND FRUITS:**

- 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.
- 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.
- **Rust** disease is likely to appear in **Cowpea**. Spray Chlorothalonil@2g/litre of water.
- Incidence of **thrips** may observe in **chilli**, if observe spray Spinosad 45% SC @ 0.4 ml/litre of water or Imidacloprid 17.8% SL @ 0.3 ml/litre of water in clean and dry weather.
- **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.
- Present weather may aggravate **fruit and vine rot** (symptoms: leaf spot, leaf blight, stem rot, fruit rot) of **pointed gourd**. If 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 clear and dry weather.
- **Pumpkin beetle** is an important pest found in **pumpkin**. To control this apply Carbaryl (0.4kg/acre) or Malathion (2kg/acre). Destroy the old and infested plants.
- Current weather favours spread of **YMV** in **Ladies finger**. In case of appearance of diseases, rogue out affected plants and spray Thiomethoxam 25WG @ 60g/acre.
- **Animal Husbandry:** Provide sufficient clean drinking water to cattle and keep their sheds clean. Due to increase in temperature, don't allow the domestic animals to outside for grazing during 11 am to 3 pm. Provide vaccination at regular interval.
- **The south west monsoon (June-September) forecast in 2020 over the country, predicted by IMD is likely to be Normal (96-104%). Hence Farmers should prepare the crop plan depending upon the land type, soil fertility, Variety availability and irrigation facility.**

**Dr. Dilip Ranjan Sarangi**  
 (Nodal officer)

**Debasish Jena**  
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**Bulletin No-86**  
**Date-05.05.2020**

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**AGROMET ADVISORY BULLETIN FOR NARASINGHPUR**  
**District Past week weather condition**

The district received 46 mm rainfall during the last week. The mean daily maximum and minimum temperature was 35°C and 23°C, respectively. Relative humidity of the district was around 84-72%. According to NDVI map (22.04.2020 to 28.04.2020) the agriculture vigor was moderate over maximum blocks, whereas according to SPI value (cumulative 4weeks-02 April 2020 to 29 April 2020), severely wet condition was there.

**Forecasted period: 06<sup>th</sup> May 2020 to 10<sup>th</sup> May 2020**

**General Advisory:** Light to moderate rain or thundershower is forecasted for today, tomorrow and upcoming Saturday. The day temperature will 34-38°C and night temperature will be 23-25°C for upcoming 5 days. Maximum and minimum relative humidity will be 61-91% and 16-31% respectively. There will be clear to partly cloudy sky for next 5 days. As 46mm rainfall is realized in the last week, farmers should utilise the rain water for summer ploughing and land preparation for sowing of green manuring crop like Dhancha or sunhemp and also for planting of vegetables immediately after rain.

Block	Narasinghpur (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	06/05/2020	07/05/2020	08/05/2020	09/05/2020	10/05/2020
Rainfall(mm)	12	3	0	0	6
T-Max(°C)	36	35	34	37	38
T-Min(°C)	23	24	24	25	25
Cloud Cover(/octa)	3	3	1	2	6
RH Max (%)	91	84	75	73	61
RH Min (%)	29	31	23	19	16
Wind Speed (Kmph)	12	8	10	8	9
Wind Direction (deg)	207	198	167	180	113

**Agromet Advisory**

**SUMMER PLOUGHING:** Go for summer ploughing to utilize the summer rain occurred in the last week. Summer ploughing should be done in rainfed lowland areas where direct seeded rice is grown and first ploughing should be done with Mould Board plough so that at least 15 - 20 cm of soil gets ploughed and second ploughing may be done with cultivators. In light soil conditions, fine tilth should be done with rotavators for direct seeding.

**JUTE:** The weather is optimum for Jute sowing. Grow the recommended variety JRO-524 (Naveen) of 130 to 140 days duration and resistant to mite. Apply 5 cartload of FYM per acre during final land preparation and apply 12:12 kg PK/acre as basal. Use 2 kg seeds/acre for line sowing and 3 kg seeds for broadcasting. Before sowing seeds are to be treated with 2 g Carbendazim or 3 g Thiram/kg seeds to avoid root and stem rot. To maintain 2 lakh healthy plants/acre, sow the seeds in lines at 25 cm apart with 3 cm depth.

**SESAME:** The early sown crop at 2 to 3 week stage. Go for weeding and hoeing. Apply 13 kg. urea followed by earthing up. Irrigate the crop after fertilizer application. Intercultural operations should be completed within 25 days as the flowering starts after 25 days. To control leaf webber, spray 400 ml Endosulphan. per acre.

**CASHEWNUT:** Cashew root and shoot borer infestation has been found. Cashew farmers are suggested to inspect base of trees for exudation/ oozing of gum out of trunk and if found, adopt curative treatment by carefully removing the bark and tracking the grubs inside and destroy them.

**VEGETABLES AND FRUITS:**

- 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.
- 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.
- **Rust** disease is likely to appear in **Cowpea**. Spray Chlorothalonil@2g/litre of water.
- Incidence of **thrips** may observe in **chilli**, if observe spray Spinosad 45% SC @ 0.4 ml/litre of water or Imidacloprid 17.8% SL @ 0.3 ml/litre of water in clean and dry weather.
- **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.
- Present weather may aggravate **fruit and vine rot** (symptoms: leaf spot, leaf blight, stem rot, fruit rot) of **pointed gourd**. If observe remove damaged fruit and vines from the field and should not be kept in and around the field. Spray alternately Copper Oxylchloride 50% WP @ 3 g/litre of water and Metalaxyl 8% + Mancozeb 64% @ 2.5 g/litre of water in clear and dry weather.
- **Pumpkin beetle** is an important pest found in **pumpkin**. To control this apply Carbaryl (0.4kg/acre) or Malathion (2kg/acre). Destroy the old and infested plants.
- Current weather favours spread of **YMV** in **Ladies finger**. In case of appearance of diseases, rogue out affected plants and spray Thiomethoxam 25WG @ 60g/acre.
- **Animal Husbandry:** Provide sufficient clean drinking water to cattle and keep their sheds clean. Due to increase in temperature, don't allow the domestic animals to outside for grazing during 11 am to 3 pm. Provide vaccination at regular interval.
- **The south west monsoon (June-September) forecast in 2020 over the country, predicted by IMD is likely to be Normal (96-104%). Hence Farmers should prepare the crop plan depending upon the land type, soil fertility, Variety availability and irrigation facility.**

Dr. Dilip Ranjan Sarangi  
 (Nodal officer)

Debasish Jena  
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**Bulletin No-86**  
**Date-05.05.2020**

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**AGROMET ADVISORY BULLETIN FOR NIALI**

**District Past week weather condition**

The district received 46 mm rainfall during the last week. The mean daily maximum and minimum temperature was 35°C and 23°C, respectively. Relative humidity of the district was around 84-72%. According to NDVI map (22.04.2020 to 28.04.2020) the agriculture vigor was moderate over maximum blocks, whereas according to SPI value (cumulative 4weeks-02 April 2020 to 29 April 2020), severely wet condition was there.

**Forecasted period: 06<sup>th</sup> May 2020 to 10<sup>th</sup> May 2020**

**General Advisory:** Light to moderate rain or thundershower is forecasted for today, tomorrow and upcoming Saturday. The day temperature will 33-37°C and night temperature will be 24-25°C for upcoming 5 days. Maximum and minimum relative humidity will be 84-86% and 37-50% respectively. There will be clear to partly cloudy sky for next 5 days. As 46mm rainfall is realized in the last week, farmers should utilise the rain water for summer ploughing and land preparation for sowing of green manuring crop like Dhancha or sunhemp and also for planting of vegetables immediately after rain.

Block	Niali (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	06/05/2020	07/05/2020	08/05/2020	09/05/2020	10/05/2020
Rainfall(mm)	11	4	0	0	4
T-Max(°C)	33	34	37	34	37
T-Min(°C)	25	25	24	24	25
Cloud Cover(octa)	4	4	0	0	5
RH Max (%)	84	83	85	84	86
RH Min (%)	46	49	37	50	38
Wind Speed(Kmph)	27	21	23	25	22
Wind Direction(deg)	204	207	201	203	201

**Agromet Advisory**

**SUMMER PLOUGHING:** Go for summer ploughing to utilize the summer rain occurred in the last week. Summer ploughing should be done in rainfed lowland areas where direct seeded rice is grown and first ploughing should be done with Mould Board plough so that at least 15 - 20 cm of soil gets ploughed and second ploughing may be done with cultivators. In light soil conditions, fine tilth should be done with rotavators for direct seeding.

**JUTE:** The weather is optimum for Jute sowing. Grow the recommended variety JRO-524 (Naveen) of 130 to 140 days duration and resistant to mite. Apply 5 cartload of FYM per acre during final land preparation and apply 12:12 kg PK/acre as basal. Use 2 kg seeds/acre for line sowing and 3 kg seeds for broadcasting. Before sowing seeds are to be treated with 2 g Carbendazim or 3 g Thiram/kg seeds to avoid root and stem rot. To maintain 2 lakh healthy plants/acre, sow the seeds in lines at 25 cm apart with 3 cm depth.

**SESAME:** The early sown crop at 2 to 3 week stage. Go for weeding and hoeing. Apply 13 kg. urea followed by earthing up. Irrigate the crop after fertilizer application. Intercultural operations should be completed within 25 days as the flowering starts after 25 days. To control leaf webber, spray 400 ml Endosulphan. per acre.

**CASHEWNUT:** Cashew root and shoot borer infestation has been found. Cashew farmers are suggested to inspect base of trees for exudation/ oozing of gum out of trunk and if found, adopt curative treatment by carefully removing the bark and tracking the grubs inside and destroy them.

**VEGETABLES AND FRUITS:**

- 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.
- 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.
- **Rust** disease is likely to appear in **Cowpea**. Spray Chlorothalonil@2g/litre of water.
- Incidence of **thrips** may observe in **chilli**, if observe spray Spinosad 45% SC @ 0.4 ml/litre of water or Imidacloprid 17.8% SL @ 0.3 ml/litre of water in clean and dry weather.
- **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.
- Present weather may aggravate **fruit and vine rot** (symptoms: leaf spot, leaf blight, stem rot, fruit rot) of **pointed gourd**. If 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 clear and dry weather.
- **Pumpkin beetle** is an important pest found in **pumpkin**. To control this apply Carbaryl (0.4kg/acre) or Malathion (2kg/acre). Destroy the old and infested plants.
- Current weather favours spread of **YMV** in **Ladies finger**. In case of appearance of diseases, rogue out affected plants and spray Thiometoxam 25WG @ 60g/acre.
- **Animal Husbandry:** Provide sufficient clean drinking water to cattle and keep their sheds clean. Due to increase in temperature, don't allow the domestic animals to outside for grazing during 11 am to 3 pm. Provide vaccination at regular interval.
- **The south west monsoon (June-September) forecast in 2020 over the country, predicted by IMD is likely to be Normal (96-104%). Hence Farmers should prepare the crop plan depending upon the land type, soil fertility, Variety availability and irrigation facility.**

**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-86**  
**Date-05.05.2020**

E-mail: kvkcuttack@gmail.com

**AGROMET ADVISORY BULLETIN FOR NISCHINTAKOILI**

**District Past week weather condition**

The district received 46 mm rainfall during the last week. The mean daily maximum and minimum temperature was 35°C and 23°C, respectively. Relative humidity of the district was around 84-72%. According to NDVI map (22.04.2020 to 28.04.2020) the agriculture vigor was moderate over maximum blocks, whereas according to SPI value (cumulative 4weeks-02 April 2020 to 29 April 2020), severely wet condition was there.

**Forecasted period: 06<sup>th</sup> May 2020 to 10<sup>th</sup> May 2020**

**General Advisory:** Light to moderate rain or thundershower is forecasted for today, tomorrow and upcoming Saturday. The day temperature will 34-37°C and night temperature will be 24-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 80-84 % and 25-38% respectively. There will be clear to partly cloudy sky for next 5 days. As 46mm rainfall is realized in the last week, farmers should utilise the rain water for summer ploughing and land preparation for sowing of green manuring crop like Dhanca or sunhemp and also for planting of vegetables immediately after rain.

Block	Nischintakoili (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	06/05/2020	07/05/2020	08/05/2020	09/05/2020	10/05/2020
Rainfall(mm)	13	5	3	0	5
T-Max(°C)	34	34	36	35	37
T-Min(°C)	25	24	24	24	26
Cloud Cover(octa)	4	3	1	1	5
RH Max (%)	81	84	83	83	80
RH Min (%)	37	38	33	38	25
Wind Speed (Kmph)	23	18	21	23	20
Wind Direction (deg)	204	206	203	203	203

**Agromet Advisory**

**SUMMER PLOUGHING:** Go for summer ploughing to utilize the summer rain occurred in the last week. Summer ploughing should be done in rainfed lowland areas where direct seeded rice is grown and first ploughing should be done with Mould Board plough so that at least 15 - 20 cm of soil gets ploughed and second ploughing may be done with cultivators. In light soil conditions, fine tilth should be done with rotavators for direct seeding.

**JUTE:** The weather is optimum for Jute sowing. Grow the recommended variety JRO-524 (Naveen) of 130 to 140 days duration and resistant to mite. Apply 5 cartload of FYM per acre during final land preparation and apply 12:12 kg PK/acre as basal. Use 2 kg seeds/acre for line sowing and 3 kg seeds for broadcasting. Before sowing seeds are to be treated with 2 g Carbendazim or 3 g Thiram/kg seeds to avoid root and stem rot. To maintain 2 lakh healthy plants/acre, sow the seeds in lines at 25 cm apart with 3 cm depth.

**SESAME:** The early sown crop at 2 to 3 week stage. Go for weeding and hoeing. Apply 13 kg. urea followed by earthing up. Irrigate the crop after fertilizer application. Intercultural operations should be completed within 25 days as the flowering starts after 25 days. To control leaf webber, spray 400 ml Endosulphan. per acre.

**CASHEW NUT:** Cashew root and shoot borer infestation has been found. Cashew farmers are suggested to inspect base of trees for exudation/ oozing of gum out of trunk and if found, adopt curative treatment by carefully removing the bark and tracking the grubs inside and destroy them.

**VEGETABLES AND FRUITS:**

- 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.
- 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.
- **Rust** disease is likely to appear in **Cowpea**. Spray Chlorothalonil@2g/litre of water.
- Incidence of **thrips** may observe in **chilli**, if observe spray Spinosad 45% SC @ 0.4 ml/litre of water or Imidacloprid 17.8% SL @ 0.3 ml/litre of water in clean and dry weather.
- **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.
- Present weather may aggravate **fruit and vine rot** (symptoms: leaf spot, leaf blight, stem rot, fruit rot) of **pointed gourd**. If 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 clear and dry weather.
- **Pumpkin beetle** is an important pest found in **pumpkin**. To control this apply Carbaryl (0.4kg/acre) or Malathion (2kg/acre). Destroy the old and infested plants.
- Current weather favours spread of **YMV** in **Ladies finger**. In case of appearance of diseases, rogue out affected plants and spray Thiomethoxam 25WG @ 60g/acre.
- **Animal Husbandry:** Provide sufficient clean drinking water to cattle and keep their sheds clean. Due to increase in temperature, don't allow the domestic animals to outside for grazing during 11 am to 3 pm. Provide vaccination at regular interval.
- **The south west monsoon (June-September) forecast in 2020 over the country, predicted by IMD is likely to be Normal (96-104%). Hence Farmers should prepare the crop plan depending upon the land type, soil fertility, Variety availability and irrigation facility.**

**Dr. Dilip Ranjan Sarangi**  
 (Nodal officer)

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**Bulletin No-86**  
**Date-05.05.2020**

**AGROMET ADVISORY BULLETIN FOR SALEPUR**

**District Past week weather condition**

The district received 46 mm rainfall during the last week. The mean daily maximum and minimum temperature was 35°C and 23°C, respectively. Relative humidity of the district was around 84-72%. According to NDVI map (22.04.2020 to 28.04.2020) the agriculture vigor was moderate over maximum blocks, whereas according to SPI value (cumulative 4weeks-02 April 2020 to 29 April 2020), severely wet condition was there.

**Forecasted period: 06<sup>th</sup> May 2020 to 10<sup>th</sup> May 2020**

**General Advisory:** Light to moderate rain or thundershower is forecasted for today, tomorrow and upcoming Saturday. The day temperature will 34-37°C and night temperature will be 24-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 80-85% and 25-37% respectively. There will be clear to partly cloudy sky for next 5 days. As 46mm rainfall is realized in the last week, farmers should utilise the rain water for summer ploughing and land preparation for sowing of green manuring crop like Dhancha or sunhemp and also for planting of vegetables immediately after rain.

Block	Salepur (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	06/05/2020	07/05/2020	08/05/2020	09/05/2020	10/05/2020
Rainfall(mm)	13	4	3	0	5
T-Max(°C)	34	34	36	34	37
T-Min(°C)	25	24	24	24	26
Cloud Cover(octa)	4	3	2	1	5
RH Max (%)	81	85	83	84	80
RH Min (%)	36	37	32	37	25
Wind Speed (Kmph)	23	18	21	23	20
Wind Direction (deg)	204	206	203	203	203

**Agromet Advisory**

**SUMMER PLOUGHING:** Go for summer ploughing to utilize the summer rain occurred in the last week. Summer ploughing should be done in rainfed lowland areas where direct seeded rice is grown and first ploughing should be done with Mould Board plough so that at least 15 - 20 cm of soil gets ploughed and second ploughing may be done with cultivators. In light soil conditions, fine tilth should be done with rotavators for direct seeding.

**JUTE:** The weather is optimum for Jute sowing. Grow the recommended variety JRO-524 (Naveen) of 130 to 140 days duration and resistant to mite. Apply 5 cartload of FYM per acre during final land preparation and apply 12:12 kg PK/acre as basal. Use 2 kg seeds/acre for line sowing and 3 kg seeds for broadcasting. Before sowing seeds are to be treated with 2 g Carbendazim or 3 g Thiram/kg seeds to avoid root and stem rot. To maintain 2 lakh healthy plants/acre, sow the seeds in lines at 25 cm apart with 3 cm depth.

**SESAME:** The early sown crop at 2 to 3 week stage. Go for weeding and hoeing. Apply 13 kg. urea followed by earthing up. Irrigate the crop after fertilizer application. Intercultural operations should be completed within 25 days as the flowering starts after 25 days. To control leaf webber, spray 400 ml Endosulphan. per acre.

**CASHEW NUT:** Cashew root and shoot borer infestation has been found. Cashew farmers are suggested to inspect base of trees for exudation/ oozing of gum out of trunk and if found, adopt curative treatment by carefully removing the bark and tracking the grubs inside and destroy them.

**VEGETABLES AND FRUITS:**

- 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.
- 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.
- **Rust** disease is likely to appear in **Cowpea**. Spray Chlorothalonil @2g/litre of water.
- Incidence of **thrips** may observe in **chilli**, if observe spray Spinosad 45% SC @ 0.4 ml/litre of water or Imidacloprid 17.8% SL @ 0.3 ml/litre of water in clear and dry weather.
- **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.
- Present weather may aggravate **fruit and vine rot** (symptoms: leaf spot, leaf blight, stem rot, fruit rot) of **pointed gourd**. If 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 clear and dry weather.
- **Pumpkin beetle** is an important pest found in **pumpkin**. To control this apply Carbaryl (0.4kg/acre) or Malathion (2kg/acre). Destroy the old and infested plants.
- Current weather favours spread of **YMV** in **Ladies finger**. In case of appearance of diseases, rogue out affected plants and spray Thiomethoxam 25WG @ 60g/acre.
- **Animal Husbandry:** Provide sufficient clean drinking water to cattle and keep their sheds clean. Due to increase in temperature, don't allow the domestic animals to outside for grazing during 11 am to 3 pm. Provide vaccination at regular interval.

**The south west monsoon (June-September) forecast in 2020 over the country, predicted by IMD is likely to be Normal (96-104%). Hence Farmers should prepare the crop plan depending upon the land type, soil fertility, Variety availability and irrigation facility.**

**Dr. Dilip Ranjan Sarangi**  
 (Nodal officer)

**Debasish Jena**  
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**Bulletin No-86**  
**Date-05.05.2020**

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**AGROMET ADVISORY BULLETIN FOR TANGI-CHOUDWAR**

**District Past week weather condition**

The district received 46 mm rainfall during the last week. The mean daily maximum and minimum temperature was 35°C and 23°C, respectively. Relative humidity of the district was around 84-72%. According to NDVI map (22.04.2020 to 28.04.2020) the agriculture vigor was moderate over maximum blocks, whereas according to SPI value (cumulative 4weeks-02 April 2020 to 29 April 2020), severely wet condition was there.

**Forecasted period: 06<sup>th</sup> May 2020 to 10<sup>th</sup> May 2020**

**General Advisory:** Light to moderate rain or thundershower is forecasted for today, tomorrow and upcoming Saturday. The day temperature will 35-38°C and night temperature will be 28-29°C for upcoming 5 days. Maximum and minimum relative humidity will be 83-88% and 46-61% respectively. There will be clear to partly cloudy sky for next 5 days. As 46mm rainfall is realized in the last week, farmers should utilise the rain water for summer ploughing and land preparation for sowing of green manuring crop like Dhancha or sunhemp and also for planting of vegetables immediately after rain.

Block	Tangi-Choudwar (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	06/05/2020	07/05/2020	08/05/2020	09/05/2020	10/05/2020
Rainfall(mm)	11	3	0	0	4
T-Max(°C)	35	35	37	36	38
T-Min(°C)	29	29	28	29	29
Cloud Cover(octa)	4	4	1	0	5
RH Max (%)	83	85	86	87	88
RH Min (%)	54	61	47	58	46
Wind Speed (Kmph)	25	23	26	27	25
Wind Direction (deg)	204	204	203	204	203

**Agromet Advisory**

**SUMMER PLOUGHING:** Go for summer ploughing to utilize the summer rain occurred in the last week. Summer ploughing should be done in rainfed lowland areas where direct seeded rice is grown and first ploughing should be done with Mould Board plough so that at least 15 - 20 cm of soil gets ploughed and second ploughing may be done with cultivators. In light soil conditions, fine tilth should be done with rotavators for direct seeding.

**JUTE:** The weather is optimum for Jute sowing. Grow the recommended variety JRO-524 (Naveen) of 130 to 140 days duration and resistant to mite. Apply 5 cartload of FYM per acre during final land preparation and apply 12:12 kg PK/acre as basal. Use 2 kg seeds/acre for line sowing and 3 kg seeds for broadcasting. Before sowing seeds are to be treated with 2 g Carbendazim or 3 g Thiram/kg seeds to avoid root and stem rot. To maintain 2 lakh healthy plants/acre, sow the seeds in lines at 25 cm apart with 3 cm depth.

**SESAME:** The early sown crop at 2 to 3 week stage. Go for weeding and hoeing. Apply 13 kg. urea followed by earthing up. Irrigate the crop after fertilizer application. Intercultural operations should be completed within 25 days as the flowering starts after 25 days. To control leaf webber, spray 400 ml Endosulphan. per acre.

**CASHEW NUT:** Cashew root and shoot borer infestation has been found. Cashew farmers are suggested to inspect base of trees for exudation/ oozing of gum out of trunk and if found, adopt curative treatment by carefully removing the bark and tracking the grubs inside and destroy them.

**VEGETABLES AND FRUITS:**

- 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.
- 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.
- **Rust** disease is likely to appear in **Cowpea**. Spray Chlorothalonil@2g/litre of water.
- Incidence of **thrips** may observe in **chilli**, if observe spray Spinosad 45% SC @ 0.4 ml/litre of water or Imidacloprid 17.8% SL @ 0.3 ml/litre of water in clear and dry weather.
- **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.
- Present weather may aggravate **fruit and vine rot** (symptoms: leaf spot, leaf blight, stem rot, fruit rot) of **pointed gourd**. If observe remove damaged fruit and vines from the field and should not be kept in and around the field. Spray alternately Copper Oxchloride 50% WP @ 3 g/litre of water and Metalaxyl 8% + Mancozeb 64% @ 2.5 g/litre of water in clear and dry weather.
- **Pumpkin beetle** is an important pest found in **pumpkin**. To control this apply Carbaryl (0.4kg/acre) or Malathion (2kg/acre). Destroy the old and infested plants.
- Current weather favours spread of **YMV** in **Ladies finger**. In case of appearance of diseases, rogue out affected plants and spray Thiomethoxam 25WG @ 60g/acre.
- **Animal Husbandry:** Provide sufficient clean drinking water to cattle and keep their sheds clean. Due to increase in temperature, don't allow the domestic animals to outside for grazing during 11 am to 3 pm. Provide vaccination at regular interval.
- **The south west monsoon (June-September) forecast in 2020 over the country, predicted by IMD is likely to be Normal (96-104%). Hence Farmers should prepare the crop plan depending upon the land type, soil fertility, Variety availability and irrigation facility.**

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 (Nodal officer)

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Bulletin No-86  
Date-05.05.2020

**AGROMET ADVISORY BULLETIN FOR TIGIRIA**

**District Past week weather condition**

The district received 46 mm rainfall during the last week. The mean daily maximum and minimum temperature was 35°C and 23°C, respectively. Relative humidity of the district was around 84-72%. According to NDVI map (22.04.2020 to 28.04.2020) the agriculture vigor was moderate over maximum blocks, whereas according to SPI value (cumulative 4weeks-02 April 2020 to 29 April 2020), severely wet condition was there.

**Forecasted period: 06<sup>th</sup> May 2020 to 10<sup>th</sup> May 2020**

**General Advisory:** Light to moderate rain or thundershower is forecasted for today, tomorrow and upcoming Saturday. The day temperature will 34-36°C and night temperature will be 23-24°C for upcoming 5 days. Maximum and minimum relative humidity will be 79-88% and 22-31% respectively. There will be clear to partly cloudy sky for next 5 days. As 46mm rainfall is realized in the last week, farmers should utilise the rain water for summer ploughing and land preparation for sowing of green manuring crop like Dhancha or sunhemp and also for planting of vegetables immediately after rain.

Block	Tigiria (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	06/05/2020	07/05/2020	08/05/2020	09/05/2020	10/05/2020
Rainfall(mm)	14	4	0	0	4
T-Max(°C)	36	34	34	35	36
T-Min(°C)	24	23	23	24	24
Cloud Cover(octa)	4	3	0	1	5
RH Max (%)	88	88	84	83	79
RH Min (%)	30	31	31	31	22
Wind Speed (Kmph)	17	11	15	15	13
Wind Direction (deg)	193	195	180	180	180

**Agromet Advisory**

**SUMMER PLOUGHING:** Go for summer ploughing to utilize the summer rain occurred in the last week. Summer ploughing should be done in rainfed lowland areas where direct seeded rice is grown and first ploughing should be done with Mould Board plough so that at least 15 - 20 cm of soil gets ploughed and second ploughing may be done with cultivators. In light soil conditions, fine tilth should be done with rotavators for direct seeding.

**JUTE:** The weather is optimum for Jute sowing. Grow the recommended variety JRO-524 (Naveen) of 130 to 140 days duration and resistant to mite. Apply 5 cartload of FYM per acre during final land preparation and apply 12:12 kg PK/acre as basal. Use 2 kg seeds/acre for line sowing and 3 kg seeds for broadcasting. Before sowing seeds are to be treated with 2 g Carbendazim or 3 g Thiram/kg seeds to avoid root and stem rot. To maintain 2 lakh healthy plants/acre, sow the seeds in lines at 25 cm apart with 3 cm depth.

**SESAME:** The early sown crop at 2 to 3 week stage. Go for weeding and hoeing. Apply 13 kg. urea followed by earthing up. Irrigate the crop after fertilizer application. Intercultural operations should be completed within 25 days as the flowering starts after 25 days. To control leaf webber, spray 400 ml Endosulphan. per acre.

**CASHEW NUT:** Cashew root and shoot borer infestation has been found. Cashew farmers are suggested to inspect base of trees for exudation/ oozing of gum out of trunk and if found, adopt curative treatment by carefully removing the bark and tracking the grubs inside and destroy them.

**VEGETABLES AND FRUITS:**

- 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.
- 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.
- **Rust** disease is likely to appear in **Cowpea**. Spray Chlorothalonil@2g/litre of water.
- Incidence of **thrips** may observe in **chilli**, if observe spray Spinosad 45% SC @ 0.4 ml/litre of water or Imidacloprid 17.8% SL @ 0.3 ml/litre of water in clear and dry weather.
- **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.
- Present weather may aggravate **fruit and vine rot** (symptoms: leaf spot, leaf blight, stem rot, fruit rot) of **pointed gourd**. If 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 clear and dry weather.
- **Pumpkin beetle** is an important pest found in **pumpkin**. To control this apply Carbaryl (0.4kg/acre) or Malathion (2kg/acre). Destroy the old and infested plants.
- Current weather favours spread of **YMV** in **Ladies finger**. In case of appearance of diseases, rogue out affected plants and spray Thiomethoxam 25WG @ 60g/acre.
- **Animal Husbandry:** Provide sufficient clean drinking water to cattle and keep their sheds clean. Due to increase in temperature, don't allow the domestic animals to outside for grazing during 11 am to 3 pm. Provide vaccination at regular interval.
- **The south west monsoon (June-September) forecast in 2020 over the country, predicted by IMD is likely to be Normal (96-104%). Hence Farmers should prepare the crop plan depending upon the land type, soil fertility, Variety availability and irrigation facility.**

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