|  |
| --- |
| **GRAMIN KRISHI MAUSAM SEWA (GKMS)****AGRO-METEOROLOGY DIVISION****Dr. Rajendra Prasad Central Agricultural University, Pusa** **Samastipur, Bihar -848 125** |
| **Bulletin No. 24****Date: Friday, 6 April, 2018**  | **F:\15349550_1863725520538190_1704492238980604982_n.jpg** |  **Phone No : 06274-240266** |

**Weather during the previous forecast period**

According to meteorological data recorded at Agro meteorological Observatory, Pusa (Bihar), average maximum and minimum temperature were 31.0°C and 18.8°C respectively. Average relative humidity was 77 percent at 0700 hrs. and 62 percent at 1400 hrs. Soil temperature at 5 cm depth was 23.1°C at 0700 hrs. and 28.1°C at 1400 hrs. Average wind speed, daily sunshine hours and average daily evaporation were 6.2 km/hr, 5.4 hours and 5.1 mm respectively. Light rainfall occurred at many places in north Bihar.

**Medium Range Weather Forecast**

 **(7-11 April, 2018)**

**(Begusarai)**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Weather parameters** | **7 April** | **8 April** | **9 April** | **10 April** | **11 April** | **Remarks** |
| **Rainfall(mm)** | **0** | **2** | **3** | **5** | **0** | **Light rainfall** |
| **Max. T (°C)** | **33** | **32** | **32** | **32** | **32** | **Maximum temperature will remain between 32-33°C and the minimum between 22- 23°C.** |
| **Mini. T (°C)** | **23** | **23** | **22** | **22** | **23** |
| **Cloud cover (okta)** | **1** | **4** | **3** | **3** | **3** | **Partially cloudy sky** |
| **Max Relative Humidity (%)** | **70** | **70** | **80** | **90** | **80** |  |
| **Min Relative Humidity (%)** | **30** | **30** | **30** | **40** | **30** |  |
| **Wind speed (kmph)** | **10** | **10** | **10** | **10** | **10** |  |
| **Wind direction(deg)** | **Easterly** | **Easterly** | **Easterly** | **Easterly** | **Easterly** | **Easterly** |

**Advisory for the farmers**

|  |  |  |
| --- | --- | --- |
| **Crop** | **Phenophases**  | **Advisory (Based on weather forecast)** |
| Wheat | Harvesting | In view of light rainfall during the forecast period at many places of north Bihar districts, farmers are advised to take precaution in the harvesting and threshing of wheat crop. |
| Mango and litchi | \_ | In view of rainfall forecast, farmers are advised not to irrigate their mango and litchi orchards. Spray Planofix @1.0 ml per 3 litres of water is suggested. This will help reduce fruit drop. Application of Imidachlor@1.0 ml per litre of water is also advised. |
| Green fodders | Sowing | For sowing of *kharif* green fodders, farmers are advised to sow multi-cut jowar, M.P. cheri etc. Intercropping of *menth* or *lobia* with jowar or maize is advised for green fodders. Sowing of hybrid napier and ginia grass is also advised. |
| Elephant foot yam | Sowing | Sowing of elephant foot yam is advised. Gagendra variety is recommended for North Bihar. Seed should be treated with trichoderma viridi before sowing.  |
| Lady’s finger | Fruiting | Monitoring is advised in lady’s finger crop for attack of mite. If infestation is found then spraying of Ethion @1.5-2 ml/litre of water is advised to protect crop. |
| Green gram/Black gram | Sowing | Taking advantage of light rainfall which brought enough soil moisture in the fields, farmers are advised to finish the sowing of green gram and black gram by 10 April. Application of 20 kg Nitrogen, 40 kg Phosphorus, 20kg Potash and 20 kg sulphur/ha is advised before sowing.  |
| Cucurbitaceous crops | Sowing | Weather is remaining congenial for sowing of *bhindi* and Cucurbitaceous crops. Farmers are advised to sow these crops. Farmers who have sown these crops are advised not to give any irrigation in view of rainfall forecast. Spray of Monocil/Malathion @1.0-1.5 ml per litre of water is advised. |
| Animal care | \_ | Farmers are advised to consult veterinary doctors if change in the colour of udder or milk is observed. Under such weather condition, there are chances that such disease may occur in the milch animals. |

**A. Sattar)**

**(Nodal Officer)**

|  |
| --- |
| **GRAMIN KRISHI MAUSAM SEWA (GKMS)****AGRO-METEOROLOGY DIVISION****Dr. Rajendra Prasad Central Agricultural University, Pusa** **Samastipur, Bihar -848 125** |
| **Bulletin No. 24****Date: Friday, 6 April, 2018**  | **F:\15349550_1863725520538190_1704492238980604982_n.jpg** |  **Phone No : 06274-240266** |

**Weather during the previous forecast period**

According to meteorological data recorded at Agro meteorological Observatory, Pusa (Bihar), average maximum and minimum temperature were 31.0°C and 18.8°C respectively. Average relative humidity was 77 percent at 0700 hrs. and 62 percent at 1400 hrs. Soil temperature at 5 cm depth was 23.1°C at 0700 hrs. and 28.1°C at 1400 hrs. Average wind speed, daily sunshine hours and average daily evaporation were 6.2 km/hr, 7.2 hours and 5.1 mm respectively. Light rainfall occurred at many places in north Bihar.

**Medium Range Weather Forecast**

 **(7-11 April, 2018)**

 **(Darbhanga)**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Weather parameters** | **7 April** | **8 April** | **9 April** | **10 April** | **11 April** | **Remarks** |
| **Rainfall(mm)** | **0** | **2** | **1** | **0** | **0** | **Light rainfall** |
| **Max. T (°C)** | **33** | **31** | **31** | **31** | **32** | **Maximum temperature will remain between 31-33°C and the minimum between 21- 23°C.** |
| **Mini. T (°C)** | **23** | **21** | **21** | **21** | **22** |
| **Cloud cover (okta)** | **1** | **4** | **3** | **2** | **4** | **Partially cloudy sky** |
| **Max Relative Humidity (%)** | **70** | **80** | **70** | **70** | **60** |  |
| **Min Relative Humidity (%)** | **20** | **30** | **30** | **30** | **30** |  |
| **Wind speed (kmph)** | **10** | **10** | **10** | **10** | **10** |  |
| **Wind direction(deg)** | **Easterly** | **Easterly** | **Easterly** | **Easterly** | **Easterly** | **Easterly** |

**Advisory for the farmers**

|  |  |  |
| --- | --- | --- |
| **Crop** | **Phenophases**  | **Advisory (Based on weather forecast)** |
| Wheat | Harvesting | In view of light rainfall during the forecast period at many places of north Bihar districts, farmers are advised to take precaution in the harvesting and threshing of wheat crop. |
| Mango and litchi | \_ | In view of rainfall forecast, farmers are advised not to irrigate their mango and litchi orchards. Spray Planofix @1.0 ml per 3 litres of water is suggested. This will help reduce fruit drop. Application of Imidachlor@1.0 ml per litre of water is also advised. |
| Green fodders | Sowing | For sowing of *kharif* green fodders, farmers are advised to sow multi-cut jowar, M.P. cheri etc. Intercropping of *menth* or *lobia* with jowar or maize is advised for green fodders. Sowing of hybrid napier and ginia grass is also advised. |
| Elephant foot yam | Sowing | Sowing of elephant foot yam is advised. Gagendra variety is recommended for North Bihar. Seed should be treated with trichoderma viridi before sowing.  |
| Lady’s finger | Fruiting | Monitoring is advised in lady’s finger crop for attack of mite. If infestation is found then spraying of Ethion @1.5-2 ml/litre of water is advised to protect crop. |
| Green gram/Black gram | Sowing | Taking advantage of light rainfall which brought enough soil moisture in the fields, farmers are advised to finish the sowing of green gram and black gram by 10 April. Application of 20 kg Nitrogen, 40 kg Phosphorus, 20kg Potash and 20 kg sulphur/ha is advised before sowing.  |
| Cucurbitaceous crops | Sowing | Weather is remaining congenial for sowing of *bhindi* and Cucurbitaceous crops. Farmers are advised to sow these crops. Farmers who have sown these crops are advised not to give any irrigation in view of rainfall forecast. Spray of Monocil/Malathion @1.0-1.5 ml per litre of water is advised. |
| Animal care | \_ | Farmers are advised to consult veterinary doctors if change in the colour of udder or milk is observed. Under such weather condition, there are chances that such disease may occur in the milch animals. |

**A. Sattar)**

**(Nodal Officer)**

|  |
| --- |
| **GRAMIN KRISHI MAUSAM SEWA (GKMS)****AGRO-METEOROLOGY DIVISION****Dr. Rajendra Prasad Central Agricultural University, Pusa** **Samastipur, Bihar -848 125** |
| **Bulletin No. 24****Date: Friday, 6 April, 2018**  | **F:\15349550_1863725520538190_1704492238980604982_n.jpg** |  **Phone No : 06274-240266** |

**Weather during the previous forecast period**

According to meteorological data recorded at Agro meteorological Observatory, Pusa (Bihar), average maximum and minimum temperature were 31.0°C and 18.8°C respectively. Average relative humidity was 77 percent at 0700 hrs. and 62 percent at 1400 hrs. Soil temperature at 5 cm depth was 23.1°C at 0700 hrs. and 28.1°C at 1400 hrs. Average wind speed, daily sunshine hours and average daily evaporation were 6.2 km/hr, 7.2 hours and 5.1 mm respectively. Light rainfall occurred at many places in north Bihar.

**Medium Range Weather Forecast**

 **(7-11 April, 2018)**

 **(East Champaran)**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Weather parameters** | **7 April** | **8 April** | **9 April** | **10 April** | **11 April** | **Remarks** |
| **Rainfall(mm)** | **0** | **2** | **2** | **0** | **0** | **Light rainfall** |
| **Max. T (°C)** | **36** | **34** | **34** | **32** | **32** | **Maximum temperature will remain between 32-36°C and the minimum between 21- 23°C.** |
| **Mini. T (°C)** | **23** | **22** | **21** | **21** | **21** |
| **Cloud cover (okta)** | **2** | **5** | **3** | **3** | **4** | **Thunder clouds** |
| **Max Relative Humidity (%)** | **70** | **80** | **70** | **70** | **60** |  |
| **Min Relative Humidity (%)** | **20** | **30** | **30** | **30** | **30** |  |
| **Wind speed (kmph)** | **10** | **10** | **10** | **10** | **10** |  |
| **Wind direction(deg)** | **Easterly** | **Easterly** | **Easterly** | **Easterly** | **Easterly** | **Easterly** |

**Advisory for the farmers**

|  |  |  |
| --- | --- | --- |
| **Crop** | **Phenophases**  | **Advisory (Based on weather forecast)** |
| Wheat | Harvesting | In view of light rainfall during the forecast period at many places of north Bihar districts, farmers are advised to take precaution in the harvesting and threshing of wheat crop. |
| Mango and litchi | \_ | In view of rainfall forecast, farmers are advised not to irrigate their mango and litchi orchards. Spray Planofix @1.0 ml per 3 litres of water is suggested. This will help reduce fruit drop. Application of Imidachlor@1.0 ml per litre of water is also advised. |
| Green fodders | Sowing | For sowing of *kharif* green fodders, farmers are advised to sow multi-cut jowar, M.P. cheri etc. Intercropping of *menth* or *lobia* with jowar or maize is advised for green fodders. Sowing of hybrid napier and ginia grass is also advised. |
| Elephant foot yam | Sowing | Sowing of elephant foot yam is advised. Gagendra variety is recommended for North Bihar. Seed should be treated with trichoderma viridi before sowing.  |
| Lady’s finger | Fruiting | Monitoring is advised in lady’s finger crop for attack of mite. If infestation is found then spraying of Ethion @1.5-2 ml/litre of water is advised to protect crop. |
| Green gram/Black gram | Sowing | Taking advantage of light rainfall which brought enough soil moisture in the fields, farmers are advised to finish the sowing of green gram and black gram by 10 April. Application of 20 kg Nitrogen, 40 kg Phosphorus, 20kg Potash and 20 kg sulphur/ha is advised before sowing.  |
| Cucurbitaceous crops | Sowing | Weather is remaining congenial for sowing of *bhindi* and Cucurbitaceous crops. Farmers are advised to sow these crops. Farmers who have sown these crops are advised not to give any irrigation in view of rainfall forecast. Spray of Monocil/Malathion @1.0-1.5 ml per litre of water is advised. |
| Animal care | \_ | Farmers are advised to consult veterinary doctors if change in the colour of udder or milk is observed. Under such weather condition, there are chances that such disease may occur in the milch animals. |

**A. Sattar)**

**(Nodal Officer)**

|  |
| --- |
| **GRAMIN KRISHI MAUSAM SEWA (GKMS)****AGRO-METEOROLOGY DIVISION****Dr. Rajendra Prasad Central Agricultural University, Pusa** **Samastipur, Bihar -848 125** |
| **Bulletin No. 24****Date: Friday, 6 April, 2018**  | **F:\15349550_1863725520538190_1704492238980604982_n.jpg** |  **Phone No : 06274-240266** |

**Weather during the previous forecast period**

According to meteorological data recorded at Agro meteorological Observatory, Pusa (Bihar), average maximum and minimum temperature were 31.0°C and 18.8°C respectively. Average relative humidity was 77 percent at 0700 hrs. and 62 percent at 1400 hrs. Soil temperature at 5 cm depth was 23.1°C at 0700 hrs. and 28.1°C at 1400 hrs. Average wind speed, daily sunshine hours and average daily evaporation were 6.2 km/hr, 7.2 hours and 5.1 mm respectively. Light rainfall occurred at many places in north Bihar.

**Medium Range Weather Forecast**

 **(7-11 April, 2018)**

 **(Gopalganj)**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Weather parameters** | **7 April** | **8 April** | **9 April** | **10 April** | **11 April** | **Remarks** |
| **Rainfall(mm)** | **0** | **2** | **2** | **0** | **0** | **Light rainfall** |
| **Max. T (°C)** | **35** | **33** | **35** | **35** | **34** | **Maximum temperature will remain between 33-35°C and the minimum between 21- 23°C.** |
| **Mini. T (°C)** | **23** | **22** | **21** | **21** | **22** |
| **Cloud cover (okta)** | **2** | **5** | **3** | **3** | **4** | **Partially cloudy sky** |
| **Max Relative Humidity (%)** | **70** | **80** | **70** | **70** | **60** |  |
| **Min Relative Humidity (%)** | **20** | **30** | **30** | **30** | **30** |  |
| **Wind speed (kmph)** | **10** | **10** | **10** | **10** | **10** |  |
| **Wind direction(deg)** | **Easterly** | **Easterly** | **Easterly** | **Easterly** | **Easterly** | **Easterly** |

**Advisory for the farmers**

|  |  |  |
| --- | --- | --- |
| **Crop** | **Phenophases**  | **Advisory (Based on weather forecast)** |
| Wheat | Harvesting | In view of light rainfall during the forecast period at many places of north Bihar districts, farmers are advised to take precaution in the harvesting and threshing of wheat crop. |
| Mango and litchi | \_ | In view of rainfall forecast, farmers are advised not to irrigate their mango and litchi orchards. Spray Planofix @1.0 ml per 3 litres of water is suggested. This will help reduce fruit drop. Application of Imidachlor@1.0 ml per litre of water is also advised. |
| Green fodders | Sowing | For sowing of *kharif* green fodders, farmers are advised to sow multi-cut jowar, M.P. cheri etc. Intercropping of *menth* or *lobia* with jowar or maize is advised for green fodders. Sowing of hybrid napier and ginia grass is also advised. |
| Elephant foot yam | Sowing | Sowing of elephant foot yam is advised. Gagendra variety is recommended for North Bihar. Seed should be treated with trichoderma viridi before sowing.  |
| Lady’s finger | Fruiting | Monitoring is advised in lady’s finger crop for attack of mite. If infestation is found then spraying of Ethion @1.5-2 ml/litre of water is advised to protect crop. |
| Green gram/Black gram | Sowing | Taking advantage of light rainfall which brought enough soil moisture in the fields, farmers are advised to finish the sowing of green gram and black gram by 10 April. Application of 20 kg Nitrogen, 40 kg Phosphorus, 20kg Potash and 20 kg sulphur/ha is advised before sowing.  |
| Cucurbitaceous crops | Sowing | Weather is remaining congenial for sowing of *bhindi* and Cucurbitaceous crops. Farmers are advised to sow these crops. Farmers who have sown these crops are advised not to give any irrigation in view of rainfall forecast. Spray of Monocil/Malathion @1.0-1.5 ml per litre of water is advised. |
| Animal care | \_ | Farmers are advised to consult veterinary doctors if change in the colour of udder or milk is observed. Under such weather condition, there are chances that such disease may occur in the milch animals. |

**A. Sattar)**

**(Nodal Officer)**

|  |
| --- |
| **GRAMIN KRISHI MAUSAM SEWA (GKMS)****AGRO-METEOROLOGY DIVISION****Dr. Rajendra Prasad Central Agricultural University, Pusa** **Samastipur, Bihar -848 125** |
| **Bulletin No. 24****Date: Friday, 6 April, 2018**  | **F:\15349550_1863725520538190_1704492238980604982_n.jpg** |  **Phone No : 06274-240266** |

**Weather during the previous forecast period**

According to meteorological data recorded at Agro meteorological Observatory, Pusa (Bihar), average maximum and minimum temperature were 31.0°C and 18.8°C respectively. Average relative humidity was 77 percent at 0700 hrs. and 62 percent at 1400 hrs. Soil temperature at 5 cm depth was 23.1°C at 0700 hrs. and 28.1°C at 1400 hrs. Average wind speed, daily sunshine hours and average daily evaporation were 6.2 km/hr, 7.2 hours and 5.1 mm respectively. Light rainfall occurred at many places in north Bihar.

**Medium Range Weather Forecast**

 **(7-11 April, 2018)**

 **(Madhubani)**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Weather parameters** | **7 April** | **8 April** | **9 April** | **10 April** | **11 April** | **Remarks** |
| **Rainfall(mm)** | **0** | **2** | **3** | **0** | **0** | **Light rainfall** |
| **Max. T (°C)** | **33** | **32** | **32** | **31** | **32** | **Maximum temperature will remain between 31-33°C and the minimum between 21- 23°C.** |
| **Mini. T (°C)** | **23** | **22** | **21** | **21** | **21** |
| **Cloud cover (okta)** | **1** | **4** | **4** | **4** | **4** | **Partially cloudy sky** |
| **Max Relative Humidity (%)** | **70** | **80** | **70** | **70** | **60** |  |
| **Min Relative Humidity (%)** | **20** | **30** | **30** | **30** | **30** |  |
| **Wind speed (kmph)** | **10** | **10** | **10** | **10** | **10** |  |
| **Wind direction(deg)** | **Easterly** | **Easterly** | **Easterly** | **Easterly** | **Easterly** | **Easterly** |

**Advisory for the farmers**

|  |  |  |
| --- | --- | --- |
| **Crop** | **Phenophases**  | **Advisory (Based on weather forecast)** |
| Wheat | Harvesting | In view of light rainfall during the forecast period at many places of north Bihar districts, farmers are advised to take precaution in the harvesting and threshing of wheat crop. |
| Mango and litchi | \_ | In view of rainfall forecast, farmers are advised not to irrigate their mango and litchi orchards. Spray Planofix @1.0 ml per 3 litres of water is suggested. This will help reduce fruit drop. Application of Imidachlor@1.0 ml per litre of water is also advised. |
| Green fodders | Sowing | For sowing of *kharif* green fodders, farmers are advised to sow multi-cut jowar, M.P. cheri etc. Intercropping of *menth* or *lobia* with jowar or maize is advised for green fodders. Sowing of hybrid napier and ginia grass is also advised. |
| Elephant foot yam | Sowing | Sowing of elephant foot yam is advised. Gagendra variety is recommended for North Bihar. Seed should be treated with trichoderma viridi before sowing.  |
| Lady’s finger | Fruiting | Monitoring is advised in lady’s finger crop for attack of mite. If infestation is found then spraying of Ethion @1.5-2 ml/litre of water is advised to protect crop. |
| Green gram/Black gram | Sowing | Taking advantage of light rainfall which brought enough soil moisture in the fields, farmers are advised to finish the sowing of green gram and black gram by 10 April. Application of 20 kg Nitrogen, 40 kg Phosphorus, 20kg Potash and 20 kg sulphur/ha is advised before sowing.  |
| Cucurbitaceous crops | Sowing | Weather is remaining congenial for sowing of *bhindi* and Cucurbitaceous crops. Farmers are advised to sow these crops. Farmers who have sown these crops are advised not to give any irrigation in view of rainfall forecast. Spray of Monocil/Malathion @1.0-1.5 ml per litre of water is advised. |
| Animal care | \_ | Farmers are advised to consult veterinary doctors if change in the colour of udder or milk is observed. Under such weather condition, there are chances that such disease may occur in the milch animals. |

**A. Sattar)**

**(Nodal Officer)**

|  |
| --- |
| **GRAMIN KRISHI MAUSAM SEWA (GKMS)****AGRO-METEOROLOGY DIVISION****Dr. Rajendra Prasad Central Agricultural University, Pusa** **Samastipur, Bihar -848 125** |
| **Bulletin No. 24****Date: Friday, 6 April, 2018**  | **F:\15349550_1863725520538190_1704492238980604982_n.jpg** |  **Phone No : 06274-240266** |

**Weather during the previous forecast period**

According to meteorological data recorded at Agro meteorological Observatory, Pusa (Bihar), average maximum and minimum temperature were 31.0°C and 18.8°C respectively. Average relative humidity was 77 percent at 0700 hrs. and 62 percent at 1400 hrs. Soil temperature at 5 cm depth was 23.1°C at 0700 hrs. and 28.1°C at 1400 hrs. Average wind speed, daily sunshine hours and average daily evaporation were 6.2 km/hr, 7.2 hours and 5.1 mm respectively. Light rainfall occurred at many places in north Bihar.

**Medium Range Weather Forecast**

 **(7-11 April, 2018)**

 **(Muzaffarpur)**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Weather parameters** | **7 April** | **8 April** | **9 April** | **10 April** | **11 April** | **Remarks** |
| **Rainfall(mm)** | **0** | **2** | **1** | **0** | **0** | **Light rainfall** |
| **Max. T (°C)** | **34** | **32** | **32** | **32** | **32** | **Maximum temperature will remain between 32-34°C and the minimum between 21- 23°C.** |
| **Mini. T (°C)** | **23** | **22** | **21** | **21** | **22** |
| **Cloud cover (okta)** | **0** | **4** | **2** | **2** | **4** | **Thunder clouds** |
| **Max Relative Humidity (%)** | **70** | **80** | **70** | **70** | **60** |  |
| **Min Relative Humidity (%)** | **20** | **30** | **30** | **30** | **30** |  |
| **Wind speed (kmph)** | **10** | **10** | **10** | **10** | **10** |  |
| **Wind direction(deg)** | **Easterly** | **Easterly** | **Easterly** | **Easterly** | **Easterly** | **Easterly** |

**Advisory for the farmers**

|  |  |  |
| --- | --- | --- |
| **Crop** | **Phenophases**  | **Advisory (Based on weather forecast)** |
| Wheat | Harvesting | In view of light rainfall during the forecast period at many places of north Bihar districts, farmers are advised to take precaution in the harvesting and threshing of wheat crop. |
| Mango and litchi | \_ | In view of rainfall forecast, farmers are advised not to irrigate their mango and litchi orchards. Spray Planofix @1.0 ml per 3 litres of water is suggested. This will help reduce fruit drop. Application of Imidachlor@1.0 ml per litre of water is also advised. |
| Green fodders | Sowing | For sowing of *kharif* green fodders, farmers are advised to sow multi-cut jowar, M.P. cheri etc. Intercropping of *menth* or *lobia* with jowar or maize is advised for green fodders. Sowing of hybrid napier and ginia grass is also advised. |
| Elephant foot yam | Sowing | Sowing of elephant foot yam is advised. Gagendra variety is recommended for North Bihar. Seed should be treated with trichoderma viridi before sowing.  |
| Lady’s finger | Fruiting | Monitoring is advised in lady’s finger crop for attack of mite. If infestation is found then spraying of Ethion @1.5-2 ml/litre of water is advised to protect crop. |
| Green gram/Black gram | Sowing | Taking advantage of light rainfall which brought enough soil moisture in the fields, farmers are advised to finish the sowing of green gram and black gram by 10 April. Application of 20 kg Nitrogen, 40 kg Phosphorus, 20kg Potash and 20 kg sulphur/ha is advised before sowing.  |
| Cucurbitaceous crops | Sowing | Weather is remaining congenial for sowing of *bhindi* and Cucurbitaceous crops. Farmers are advised to sow these crops. Farmers who have sown these crops are advised not to give any irrigation in view of rainfall forecast. Spray of Monocil/Malathion @1.0-1.5 ml per litre of water is advised. |
| Animal care | \_ | Farmers are advised to consult veterinary doctors if change in the colour of udder or milk is observed. Under such weather condition, there are chances that such disease may occur in the milch animals. |

**A. Sattar)**

**(Nodal Officer)**

|  |
| --- |
| **GRAMIN KRISHI MAUSAM SEWA (GKMS)****AGRO-METEOROLOGY DIVISION****Dr. Rajendra Prasad Central Agricultural University, Pusa** **Samastipur, Bihar -848 125** |
| **Bulletin No. 24****Date: Friday, 6 April, 2018**  | **F:\15349550_1863725520538190_1704492238980604982_n.jpg** |  **Phone No : 06274-240266** |

**Weather during the previous forecast period**

According to meteorological data recorded at Agro meteorological Observatory, Pusa (Bihar), average maximum and minimum temperature were 31.0°C and 18.8°C respectively. Average relative humidity was 77 percent at 0700 hrs. and 62 percent at 1400 hrs. Soil temperature at 5 cm depth was 23.1°C at 0700 hrs. and 28.1°C at 1400 hrs. Average wind speed, daily sunshine hours and average daily evaporation were 6.2 km/hr, 7.2 hours and 5.1 mm respectively. Light rainfall occurred at many places in north Bihar.

**Medium Range Weather Forecast**

 **(7-11 April, 2018)**

 **(Samastipur)**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Weather parameters** | **7 April** | **8 April** | **9 April** | **10 April** | **11 April** | **Remarks** |
| **Rainfall(mm)** | **0** | **2** | **3** | **0** | **0** | **Light rainfall** |
| **Max. T (°C)** | **33** | **31** | **32** | **30** | **32** | **Maximum temperature will remain between 30-33°C and the minimum between 20- 22°C.** |
| **Mini. T (°C)** | **22** | **22** | **21** | **20** | **21** |
| **Cloud cover (okta)** | **1** | **4** | **4** | **3** | **4** | **Thunder clouds** |
| **Max Relative Humidity (%)** | **70** | **70** | **80** | **80** | **80** |  |
| **Min Relative Humidity (%)** | **30** | **30** | **30** | **40** | **30** |  |
| **Wind speed (kmph)** | **10** | **10** | **10** | **10** | **10** |  |
| **Wind direction(deg)** | **Easterly** | **Easterly** | **Easterly** | **Easterly** | **Easterly** | **Easterly** |

**Advisory for the farmers**

|  |  |  |
| --- | --- | --- |
| **Crop** | **Phenophases**  | **Advisory (Based on weather forecast)** |
| Wheat | Harvesting | In view of light rainfall during the forecast period at many places of north Bihar districts, farmers are advised to take precaution in the harvesting and threshing of wheat crop. |
| Mango and litchi | \_ | In view of rainfall forecast, farmers are advised not to irrigate their mango and litchi orchards. Spray Planofix @1.0 ml per 3 litres of water is suggested. This will help reduce fruit drop. Application of Imidachlor@1.0 ml per litre of water is also advised. |
| Green fodders | Sowing | For sowing of *kharif* green fodders, farmers are advised to sow multi-cut jowar, M.P. cheri etc. Intercropping of *menth* or *lobia* with jowar or maize is advised for green fodders. Sowing of hybrid napier and ginia grass is also advised. |
| Elephant foot yam | Sowing | Sowing of elephant foot yam is advised. Gagendra variety is recommended for North Bihar. Seed should be treated with trichoderma viridi before sowing.  |
| Lady’s finger | Fruiting | Monitoring is advised in lady’s finger crop for attack of mite. If infestation is found then spraying of Ethion @1.5-2 ml/litre of water is advised to protect crop. |
| Green gram/Black gram | Sowing | Taking advantage of light rainfall which brought enough soil moisture in the fields, farmers are advised to finish the sowing of green gram and black gram by 10 April. Application of 20 kg Nitrogen, 40 kg Phosphorus, 20kg Potash and 20 kg sulphur/ha is advised before sowing.  |
| Cucurbitaceous crops | Sowing | Weather is remaining congenial for sowing of *bhindi* and Cucurbitaceous crops. Farmers are advised to sow these crops. Farmers who have sown these crops are advised not to give any irrigation in view of rainfall forecast. Spray of Monocil/Malathion @1.0-1.5 ml per litre of water is advised. |
| Animal care | \_ | Farmers are advised to consult veterinary doctors if change in the colour of udder or milk is observed. Under such weather condition, there are chances that such disease may occur in the milch animals. |

**A. Sattar)**

**(Nodal Officer)**

|  |
| --- |
| **GRAMIN KRISHI MAUSAM SEWA (GKMS)****AGRO-METEOROLOGY DIVISION****Dr. Rajendra Prasad Central Agricultural University, Pusa** **Samastipur, Bihar -848 125** |
| **Bulletin No. 24****Date: Friday, 6 April, 2018**  | **F:\15349550_1863725520538190_1704492238980604982_n.jpg** |  **Phone No : 06274-240266** |

**Weather during the previous forecast period**

According to meteorological data recorded at Agro meteorological Observatory, Pusa (Bihar), average maximum and minimum temperature were 31.0°C and 18.8°C respectively. Average relative humidity was 77 percent at 0700 hrs. and 62 percent at 1400 hrs. Soil temperature at 5 cm depth was 23.1°C at 0700 hrs. and 28.1°C at 1400 hrs. Average wind speed, daily sunshine hours and average daily evaporation were 6.2 km/hr, 7.2 hours and 5.1 mm respectively. Light rainfall occurred at many places in north Bihar.

**Medium Range Weather Forecast**

 **(7-11 April, 2018)**

 **(Saran)**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Weather parameters** | **7 April** | **8 April** | **9 April** | **10 April** | **11 April** | **Remarks** |
| **Rainfall(mm)** | **0** | **2** | **2** | **0** | **0** | **Light rainfall** |
| **Max. T (°C)** | **35** | **33** | **35** | **34** | **33** | **Maximum temperature will remain between 33-35°C and the minimum between 20- 23°C.** |
| **Mini. T (°C)** | **23** | **22** | **21** | **21** | **20** |
| **Cloud cover (okta)** | **2** | **5** | **3** | **3** | **4** | **Partially cloudy sky** |
| **Max Relative Humidity (%)** | **70** | **80** | **70** | **70** | **60** |  |
| **Min Relative Humidity (%)** | **20** | **30** | **30** | **30** | **30** |  |
| **Wind speed (kmph)** | **10** | **10** | **10** | **10** | **10** |  |
| **Wind direction(deg)** | **Easterly** | **Easterly** | **Easterly** | **Easterly** | **Easterly** | **Easterly** |

**Advisory for the farmers**

|  |  |  |
| --- | --- | --- |
| **Crop** | **Phenophases**  | **Advisory (Based on weather forecast)** |
| Wheat | Harvesting | In view of light rainfall during the forecast period at many places of north Bihar districts, farmers are advised to take precaution in the harvesting and threshing of wheat crop. |
| Mango and litchi | \_ | In view of rainfall forecast, farmers are advised not to irrigate their mango and litchi orchards. Spray Planofix @1.0 ml per 3 litres of water is suggested. This will help reduce fruit drop. Application of Imidachlor@1.0 ml per litre of water is also advised. |
| Green fodders | Sowing | For sowing of *kharif* green fodders, farmers are advised to sow multi-cut jowar, M.P. cheri etc. Intercropping of *menth* or *lobia* with jowar or maize is advised for green fodders. Sowing of hybrid napier and ginia grass is also advised. |
| Elephant foot yam | Sowing | Sowing of elephant foot yam is advised. Gagendra variety is recommended for North Bihar. Seed should be treated with trichoderma viridi before sowing.  |
| Lady’s finger | Fruiting | Monitoring is advised in lady’s finger crop for attack of mite. If infestation is found then spraying of Ethion @1.5-2 ml/litre of water is advised to protect crop. |
| Green gram/Black gram | Sowing | Taking advantage of light rainfall which brought enough soil moisture in the fields, farmers are advised to finish the sowing of green gram and black gram by 10 April. Application of 20 kg Nitrogen, 40 kg Phosphorus, 20kg Potash and 20 kg sulphur/ha is advised before sowing.  |
| Cucurbitaceous crops | Sowing | Weather is remaining congenial for sowing of *bhindi* and Cucurbitaceous crops. Farmers are advised to sow these crops. Farmers who have sown these crops are advised not to give any irrigation in view of rainfall forecast. Spray of Monocil/Malathion @1.0-1.5 ml per litre of water is advised. |
| Animal care | \_ | Farmers are advised to consult veterinary doctors if change in the colour of udder or milk is observed. Under such weather condition, there are chances that such disease may occur in the milch animals. |

**A. Sattar)**

**(Nodal Officer)**

|  |
| --- |
| **GRAMIN KRISHI MAUSAM SEWA (GKMS)****AGRO-METEOROLOGY DIVISION****Dr. Rajendra Prasad Central Agricultural University, Pusa** **Samastipur, Bihar -848 125** |
| **Bulletin No. 24****Date: Friday, 6 April, 2018**  | **F:\15349550_1863725520538190_1704492238980604982_n.jpg** |  **Phone No : 06274-240266** |

**Weather during the previous forecast period**

According to meteorological data recorded at Agro meteorological Observatory, Pusa (Bihar), average maximum and minimum temperature were 31.0°C and 18.8°C respectively. Average relative humidity was 77 percent at 0700 hrs. and 62 percent at 1400 hrs. Soil temperature at 5 cm depth was 23.1°C at 0700 hrs. and 28.1°C at 1400 hrs. Average wind speed, daily sunshine hours and average daily evaporation were 6.2 km/hr, 7.2 hours and 5.1 mm respectively. Light rainfall occurred at many places in north Bihar.

**Medium Range Weather Forecast**

 **(7-11 April, 2018)**

 **(Shivhar)**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Weather parameters** | **7 April** | **8 April** | **9 April** | **10 April** | **11 April** | **Remarks** |
| **Rainfall(mm)** | **0** | **2** | **3** | **0** | **0** | **Light rainfall** |
| **Max. T (°C)** | **35** | **33** | **32** | **32** | **32** | **Maximum temperature will remain between 32-35°C and the minimum between 21- 23°C.** |
| **Mini. T (°C)** | **23** | **22** | **21** | **21** | **22** |
| **Cloud cover (okta)** | **1** | **4** | **3** | **2** | **4** | **Partially cloudy sky** |
| **Max Relative Humidity (%)** | **70** | **80** | **70** | **70** | **60** |  |
| **Min Relative Humidity (%)** | **20** | **30** | **30** | **30** | **30** |  |
| **Wind speed (kmph)** | **10** | **10** | **10** | **10** | **10** |  |
| **Wind direction(deg)** | **Easterly** | **Easterly** | **Easterly** | **Easterly** | **Easterly** | **Easterly** |

**Advisory for the farmers**

|  |  |  |
| --- | --- | --- |
| **Crop** | **Phenophases**  | **Advisory (Based on weather forecast)** |
| Wheat | Harvesting | In view of light rainfall during the forecast period at many places of north Bihar districts, farmers are advised to take precaution in the harvesting and threshing of wheat crop. |
| Mango and litchi | \_ | In view of rainfall forecast, farmers are advised not to irrigate their mango and litchi orchards. Spray Planofix @1.0 ml per 3 litres of water is suggested. This will help reduce fruit drop. Application of Imidachlor@1.0 ml per litre of water is also advised. |
| Green fodders | Sowing | For sowing of *kharif* green fodders, farmers are advised to sow multi-cut jowar, M.P. cheri etc. Intercropping of *menth* or *lobia* with jowar or maize is advised for green fodders. Sowing of hybrid napier and ginia grass is also advised. |
| Elephant foot yam | Sowing | Sowing of elephant foot yam is advised. Gagendra variety is recommended for North Bihar. Seed should be treated with trichoderma viridi before sowing.  |
| Lady’s finger | Fruiting | Monitoring is advised in lady’s finger crop for attack of mite. If infestation is found then spraying of Ethion @1.5-2 ml/litre of water is advised to protect crop. |
| Green gram/Black gram | Sowing | Taking advantage of light rainfall which brought enough soil moisture in the fields, farmers are advised to finish the sowing of green gram and black gram by 10 April. Application of 20 kg Nitrogen, 40 kg Phosphorus, 20kg Potash and 20 kg sulphur/ha is advised before sowing.  |
| Cucurbitaceous crops | Sowing | Weather is remaining congenial for sowing of *bhindi* and Cucurbitaceous crops. Farmers are advised to sow these crops. Farmers who have sown these crops are advised not to give any irrigation in view of rainfall forecast. Spray of Monocil/Malathion @1.0-1.5 ml per litre of water is advised. |
| Animal care | \_ | Farmers are advised to consult veterinary doctors if change in the colour of udder or milk is observed. Under such weather condition, there are chances that such disease may occur in the milch animals. |

**A. Sattar)**

**(Nodal Officer)**

|  |
| --- |
| **GRAMIN KRISHI MAUSAM SEWA (GKMS)****AGRO-METEOROLOGY DIVISION****Dr. Rajendra Prasad Central Agricultural University, Pusa** **Samastipur, Bihar -848 125** |
| **Bulletin No. 24****Date: Friday, 6 April, 2018**  | **F:\15349550_1863725520538190_1704492238980604982_n.jpg** |  **Phone No : 06274-240266** |

**Weather during the previous forecast period**

According to meteorological data recorded at Agro meteorological Observatory, Pusa (Bihar), average maximum and minimum temperature were 31.0°C and 18.8°C respectively. Average relative humidity was 77 percent at 0700 hrs. and 62 percent at 1400 hrs. Soil temperature at 5 cm depth was 23.1°C at 0700 hrs. and 28.1°C at 1400 hrs. Average wind speed, daily sunshine hours and average daily evaporation were 6.2 km/hr, 7.2 hours and 5.1 mm respectively. Light rainfall occurred at many places in north Bihar.

**Medium Range Weather Forecast**

 **(7-11 April, 2018)**

 **(Sitamarhi)**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Weather parameters** | **7 April** | **8 April** | **9 April** | **10 April** | **11 April** | **Remarks** |
| **Rainfall(mm)** | **0** | **2** | **3** | **0** | **0** | **Light rainfall** |
| **Max. T (°C)** | **34** | **33** | **33** | **32** | **32** | **Maximum temperature will remain between 32-34°C and the minimum between 21- 23°C.** |
| **Mini. T (°C)** | **23** | **22** | **21** | **21** | **21** |
| **Cloud cover (okta)** | **1** | **4** | **3** | **3** | **4** | **Partially cloudy sky** |
| **Max Relative Humidity (%)** | **70** | **80** | **70** | **70** | **60** |  |
| **Min Relative Humidity (%)** | **20** | **30** | **30** | **30** | **30** |  |
| **Wind speed (kmph)** | **10** | **10** | **10** | **10** | **10** |  |
| **Wind direction(deg)** | **Easterly** | **Easterly** | **Easterly** | **Easterly** | **Easterly** | **Easterly** |

**Advisory for the farmers**

|  |  |  |
| --- | --- | --- |
| **Crop** | **Phenophases**  | **Advisory (Based on weather forecast)** |
| Wheat | Harvesting | In view of light rainfall during the forecast period at many places of north Bihar districts, farmers are advised to take precaution in the harvesting and threshing of wheat crop. |
| Mango and litchi | \_ | In view of rainfall forecast, farmers are advised not to irrigate their mango and litchi orchards. Spray Planofix @1.0 ml per 3 litres of water is suggested. This will help reduce fruit drop. Application of Imidachlor@1.0 ml per litre of water is also advised. |
| Green fodders | Sowing | For sowing of *kharif* green fodders, farmers are advised to sow multi-cut jowar, M.P. cheri etc. Intercropping of *menth* or *lobia* with jowar or maize is advised for green fodders. Sowing of hybrid napier and ginia grass is also advised. |
| Elephant foot yam | Sowing | Sowing of elephant foot yam is advised. Gagendra variety is recommended for North Bihar. Seed should be treated with trichoderma viridi before sowing.  |
| Lady’s finger | Fruiting | Monitoring is advised in lady’s finger crop for attack of mite. If infestation is found then spraying of Ethion @1.5-2 ml/litre of water is advised to protect crop. |
| Green gram/Black gram | Sowing | Taking advantage of light rainfall which brought enough soil moisture in the fields, farmers are advised to finish the sowing of green gram and black gram by 10 April. Application of 20 kg Nitrogen, 40 kg Phosphorus, 20kg Potash and 20 kg sulphur/ha is advised before sowing.  |
| Cucurbitaceous crops | Sowing | Weather is remaining congenial for sowing of *bhindi* and Cucurbitaceous crops. Farmers are advised to sow these crops. Farmers who have sown these crops are advised not to give any irrigation in view of rainfall forecast. Spray of Monocil/Malathion @1.0-1.5 ml per litre of water is advised. |
| Animal care | \_ | Farmers are advised to consult veterinary doctors if change in the colour of udder or milk is observed. Under such weather condition, there are chances that such disease may occur in the milch animals. |

**A. Sattar)**

**(Nodal Officer)**

|  |
| --- |
| **GRAMIN KRISHI MAUSAM SEWA (GKMS)****AGRO-METEOROLOGY DIVISION****Dr. Rajendra Prasad Central Agricultural University, Pusa** **Samastipur, Bihar -848 125** |
| **Bulletin No. 24****Date: Friday, 6 April, 2018**  | **F:\15349550_1863725520538190_1704492238980604982_n.jpg** |  **Phone No : 06274-240266** |

**Weather during the previous forecast period**

According to meteorological data recorded at Agro meteorological Observatory, Pusa (Bihar), average maximum and minimum temperature were 31.0°C and 18.8°C respectively. Average relative humidity was 77 percent at 0700 hrs. and 62 percent at 1400 hrs. Soil temperature at 5 cm depth was 23.1°C at 0700 hrs. and 28.1°C at 1400 hrs. Average wind speed, daily sunshine hours and average daily evaporation were 6.2 km/hr, 7.2 hours and 5.1 mm respectively. Light rainfall occurred at many places in north Bihar.

**Medium Range Weather Forecast**

 **(7-11 April, 2018)**

 **(Siwan)**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Weather parameters** | **7 April** | **8 April** | **9 April** | **10 April** | **11 April** | **Remarks** |
| **Rainfall(mm)** | **0** | **2** | **2** | **0** | **0** | **Light rainfall** |
| **Max. T (°C)** | **35** | **33** | **35** | **34** | **33** | **Maximum temperature will remain between 33-35°C and the minimum between 20- 23°C.** |
| **Mini. T (°C)** | **23** | **22** | **21** | **21** | **20** |
| **Cloud cover (okta)** | **2** | **5** | **3** | **3** | **4** | **Thunder clouds** |
| **Max Relative Humidity (%)** | **70** | **80** | **70** | **70** | **60** |  |
| **Min Relative Humidity (%)** | **20** | **30** | **30** | **30** | **30** |  |
| **Wind speed (kmph)** | **10** | **10** | **10** | **10** | **10** |  |
| **Wind direction(deg)** | **Easterly** | **Easterly** | **Easterly** | **Easterly** | **Easterly** | **Easterly** |

**Advisory for the farmers**

|  |  |  |
| --- | --- | --- |
| **Crop** | **Phenophases**  | **Advisory (Based on weather forecast)** |
| Wheat | Harvesting | In view of light rainfall during the forecast period at many places of north Bihar districts, farmers are advised to take precaution in the harvesting and threshing of wheat crop. |
| Mango and litchi | \_ | In view of rainfall forecast, farmers are advised not to irrigate their mango and litchi orchards. Spray Planofix @1.0 ml per 3 litres of water is suggested. This will help reduce fruit drop. Application of Imidachlor@1.0 ml per litre of water is also advised. |
| Green fodders | Sowing | For sowing of *kharif* green fodders, farmers are advised to sow multi-cut jowar, M.P. cheri etc. Intercropping of *menth* or *lobia* with jowar or maize is advised for green fodders. Sowing of hybrid napier and ginia grass is also advised. |
| Elephant foot yam | Sowing | Sowing of elephant foot yam is advised. Gagendra variety is recommended for North Bihar. Seed should be treated with trichoderma viridi before sowing.  |
| Lady’s finger | Fruiting | Monitoring is advised in lady’s finger crop for attack of mite. If infestation is found then spraying of Ethion @1.5-2 ml/litre of water is advised to protect crop. |
| Green gram/Black gram | Sowing | Taking advantage of light rainfall which brought enough soil moisture in the fields, farmers are advised to finish the sowing of green gram and black gram by 10 April. Application of 20 kg Nitrogen, 40 kg Phosphorus, 20kg Potash and 20 kg sulphur/ha is advised before sowing.  |
| Cucurbitaceous crops | Sowing | Weather is remaining congenial for sowing of *bhindi* and Cucurbitaceous crops. Farmers are advised to sow these crops. Farmers who have sown these crops are advised not to give any irrigation in view of rainfall forecast. Spray of Monocil/Malathion @1.0-1.5 ml per litre of water is advised. |
| Animal care | \_ | Farmers are advised to consult veterinary doctors if change in the colour of udder or milk is observed. Under such weather condition, there are chances that such disease may occur in the milch animals. |

**A. Sattar)**

**(Nodal Officer)**

|  |
| --- |
| **GRAMIN KRISHI MAUSAM SEWA (GKMS)****AGRO-METEOROLOGY DIVISION****Dr. Rajendra Prasad Central Agricultural University, Pusa** **Samastipur, Bihar -848 125** |
| **Bulletin No. 24****Date: Friday, 6 April, 2018**  | **F:\15349550_1863725520538190_1704492238980604982_n.jpg** |  **Phone No : 06274-240266** |

**Weather during the previous forecast period**

According to meteorological data recorded at Agro meteorological Observatory, Pusa (Bihar), average maximum and minimum temperature were 31.0°C and 18.8°C respectively. Average relative humidity was 77 percent at 0700 hrs. and 62 percent at 1400 hrs. Soil temperature at 5 cm depth was 23.1°C at 0700 hrs. and 28.1°C at 1400 hrs. Average wind speed, daily sunshine hours and average daily evaporation were 6.2 km/hr, 7.2 hours and 5.1 mm respectively. Light rainfall occurred at many places in north Bihar.

**Medium Range Weather Forecast**

 **(7-11 April, 2018)**

 **(Vaishali)**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Weather parameters** | **7 April** | **8 April** | **9 April** | **10 April** | **11 April** | **Remarks** |
| **Rainfall(mm)** | **0** | **2** | **3** | **0** | **0** | **Light rainfall** |
| **Max. T (°C)** | **34** | **32** | **32** | **32** | **33** | **Maximum temperature will remain between 32-34°C and the minimum between 22- 24°C.** |
| **Mini. T (°C)** | **22** | **22** | **22** | **23** | **24** |
| **Cloud cover (okta)** | **0** | **4** | **5** | **2** | **2** | **Partially cloudy sky** |
| **Max Relative Humidity (%)** | **70** | **70** | **80** | **80** | **80** |  |
| **Min Relative Humidity (%)** | **30** | **30** | **30** | **40** | **30** |  |
| **Wind speed (kmph)** | **10** | **10** | **10** | **10** | **10** |  |
| **Wind direction(deg)** | **Westerly** | **Easterly** | **Easterly** | **Easterly** | **Easterly** | **Westerly/ Easterly** |

**Advisory for the farmers**

|  |  |  |
| --- | --- | --- |
| **Crop** | **Phenophases**  | **Advisory (Based on weather forecast)** |
| Wheat | Harvesting | In view of light rainfall during the forecast period at many places of north Bihar districts, farmers are advised to take precaution in the harvesting and threshing of wheat crop. |
| Mango and litchi | \_ | In view of rainfall forecast, farmers are advised not to irrigate their mango and litchi orchards. Spray Planofix @1.0 ml per 3 litres of water is suggested. This will help reduce fruit drop. Application of Imidachlor@1.0 ml per litre of water is also advised. |
| Green fodders | Sowing | For sowing of *kharif* green fodders, farmers are advised to sow multi-cut jowar, M.P. cheri etc. Intercropping of *menth* or *lobia* with jowar or maize is advised for green fodders. Sowing of hybrid napier and ginia grass is also advised. |
| Elephant foot yam | Sowing | Sowing of elephant foot yam is advised. Gagendra variety is recommended for North Bihar. Seed should be treated with trichoderma viridi before sowing.  |
| Lady’s finger | Fruiting | Monitoring is advised in lady’s finger crop for attack of mite. If infestation is found then spraying of Ethion @1.5-2 ml/litre of water is advised to protect crop. |
| Green gram/Black gram | Sowing | Taking advantage of light rainfall which brought enough soil moisture in the fields, farmers are advised to finish the sowing of green gram and black gram by 10 April. Application of 20 kg Nitrogen, 40 kg Phosphorus, 20kg Potash and 20 kg sulphur/ha is advised before sowing.  |
| Cucurbitaceous crops | Sowing | Weather is remaining congenial for sowing of *bhindi* and Cucurbitaceous crops. Farmers are advised to sow these crops. Farmers who have sown these crops are advised not to give any irrigation in view of rainfall forecast. Spray of Monocil/Malathion @1.0-1.5 ml per litre of water is advised. |
| Animal care | \_ | Farmers are advised to consult veterinary doctors if change in the colour of udder or milk is observed. Under such weather condition, there are chances that such disease may occur in the milch animals. |

**A. Sattar)**

**(Nodal Officer)**

|  |
| --- |
| **GRAMIN KRISHI MAUSAM SEWA (GKMS)****AGRO-METEOROLOGY DIVISION****Dr. Rajendra Prasad Central Agricultural University, Pusa** **Samastipur, Bihar -848 125** |
| **Bulletin No. 24****Date: Friday, 6 April, 2018**  | **F:\15349550_1863725520538190_1704492238980604982_n.jpg** |  **Phone No : 06274-240266** |

**Weather during the previous forecast period**

According to meteorological data recorded at Agro meteorological Observatory, Pusa (Bihar), average maximum and minimum temperature were 31.0°C and 18.8°C respectively. Average relative humidity was 77 percent at 0700 hrs. and 62 percent at 1400 hrs. Soil temperature at 5 cm depth was 23.1°C at 0700 hrs. and 28.1°C at 1400 hrs. Average wind speed, daily sunshine hours and average daily evaporation were 6.2 km/hr, 7.2 hours and 5.1 mm respectively. Light rainfall occurred at many places in north Bihar.

**Medium Range Weather Forecast**

 **(7-11 April, 2018)**

 **(West Champaran)**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Weather parameters** | **7 April** | **8 April** | **9 April** | **10 April** | **11 April** | **Remarks** |
| **Rainfall(mm)** | **0** | **2** | **2** | **0** | **0** | **Light rainfall** |
| **Max. T (°C)** | **36** | **34** | **35** | **34** | **33** | **Maximum temperature will remain between 33-36°C and the minimum between 21- 23°C.** |
| **Mini. T (°C)** | **23** | **22** | **21** | **21** | **21** |
| **Cloud cover (okta)** | **3** | **5** | **4** | **3** | **4** | **Thunder clouds** |
| **Max Relative Humidity (%)** | **70** | **80** | **70** | **70** | **60** |  |
| **Min Relative Humidity (%)** | **20** | **30** | **30** | **30** | **30** |  |
| **Wind speed (kmph)** | **10** | **10** | **10** | **10** | **10** |  |
| **Wind direction(deg)** | **Easterly** | **Easterly** | **Easterly** | **Easterly** | **Easterly** | **Easterly** |

**Advisory for the farmers**

|  |  |  |
| --- | --- | --- |
| **Crop** | **Phenophases**  | **Advisory (Based on weather forecast)** |
| Wheat | Harvesting | In view of light rainfall during the forecast period at many places of north Bihar districts, farmers are advised to take precaution in the harvesting and threshing of wheat crop. |
| Mango and litchi | \_ | In view of rainfall forecast, farmers are advised not to irrigate their mango and litchi orchards. Spray Planofix @1.0 ml per 3 litres of water is suggested. This will help reduce fruit drop. Application of Imidachlor@1.0 ml per litre of water is also advised. |
| Green fodders | Sowing | For sowing of *kharif* green fodders, farmers are advised to sow multi-cut jowar, M.P. cheri etc. Intercropping of *menth* or *lobia* with jowar or maize is advised for green fodders. Sowing of hybrid napier and ginia grass is also advised. |
| Elephant foot yam | Sowing | Sowing of elephant foot yam is advised. Gagendra variety is recommended for North Bihar. Seed should be treated with trichoderma viridi before sowing.  |
| Lady’s finger | Fruiting | Monitoring is advised in lady’s finger crop for attack of mite. If infestation is found then spraying of Ethion @1.5-2 ml/litre of water is advised to protect crop. |
| Green gram/Black gram | Sowing | Taking advantage of light rainfall which brought enough soil moisture in the fields, farmers are advised to finish the sowing of green gram and black gram by 10 April. Application of 20 kg Nitrogen, 40 kg Phosphorus, 20kg Potash and 20 kg sulphur/ha is advised before sowing.  |
| Cucurbitaceous crops | Sowing | Weather is remaining congenial for sowing of *bhindi* and Cucurbitaceous crops. Farmers are advised to sow these crops. Farmers who have sown these crops are advised not to give any irrigation in view of rainfall forecast. Spray of Monocil/Malathion @1.0-1.5 ml per litre of water is advised. |
| Animal care | \_ | Farmers are advised to consult veterinary doctors if change in the colour of udder or milk is observed. Under such weather condition, there are chances that such disease may occur in the milch animals. |

**A. Sattar)**

**(Nodal Officer)**