

**MANIPUR AGROMET ADVISORY BULLETIN**Date of issue: 5th October, 2018*District: Churachandpur*

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| Significant past weather for the preceding bi-weekly of Imphal - West (1st to 4th October, 2018) Observed no rainfall with mainly clear to partly cloudy sky but foggy during morning hours of 1 st to 3 rd October. Maximum temperature recorded ranged from 30.8 to 31.3 °C and minimum of 18.0 to 19.7 °C with mean relative humidity 91.0 % max and 51.3 % min was recorded in the past four days & average wind speed was 1.6 – 3.0 km/hr. | Weather forecast for next five days of Churachandpur (6th to 10th October, 2018) Likely to have no rain upto Wednesday and mainly clear to partly cloudy sky with maximum temp. 33-34 °C & minimum temp. 18-23 °C. Relative humidity may reach upto 94 % (max RH) & 52 % (min RH). The average wind speed may be 2 km/hr. |
| Warning: Nil | |
| General Advisories: * As fog had been observed during morning hours and day temperatures are high in past days, temporary roof like structures using paddy straw and bamboo may be prepared for nursery in open field. Light watering may be done during morning hours. * Harvest mature crops and sundry properly after harvesting and before storage to attain optimum moisture for storage. * Mulching may be done with paddy straw/ leguminous plants/ Acalypha to conserve soil moisture. * Monitor the water requirement of the crop and irrigate wherever needed. | Standardized Precipitation Index: |

| Field Crops | | | |
|--|---|---------------------------|--|
| Name of the crop | Stage | Pest and disease | Agro-meteorological advisories |
| Rice | Grain filling to maturity to harvesting stage | | - Maintain water level at 5-8 cm. Irrigate to meet the water requirement during grain filling stage. - Harvest when 80% of the spikelet is yellow. |
| | | Neck Blast | Spray Tricyclazole 75% @ 10g/ 15 litre of water. |
| | | Bacterial Leaf Blight | Spray Streptocycline @ 1g/15 litres of water (at least 5-6 pumps/ sangam). |
| Rapeseed/ | Seed collection | | - Procure quality seeds from reliable source for planting in the field with assured irrigation just after harvest of rice/ soybean/ groundnut/ black gram or rice bean. |
| Soybean/ Groundnut/ Blackgram/ Rice Bean | Maturity to harvesting | | After threshing sundry to attain optimum moisture for storage. Healthy seeds may be selected for seeds. |
| Seeds storage | Post-harvest management | | For seed purpose store the seeds in <i>RC-Seed Bin</i> after proper drying and cleaning of seeds along with dry charcoal at 80:20 w/w ratios. Check for moisture content or weight of charcoal and dry if required. Clean godowns and spray with 1% Malathion on the walls before storage; also ensure that it is well ventilated. |
| Horticulture Crops | | | |
| Name of the crop | Stage | Pest and disease | Agro-meteorological advisories |
| Rabi vegetables | Land preparation to sowing | | - Procure good quality seeds of onion, garlic, carrot, radish, coriander, french bean, pea, broad bean, etc. Sowing may be done in prepared land. |
| Potato | Land preparation | | - Land preparation for planting potato may be started. - Collect seed tubers from reliable source and treated it with Sixer (Carbendazim + Mencozeb) @ 2 gm/lit of water or Carbaryl 50 WP or Ridomil @ 2 gm/kg seed/ tubers for 20 minutes and let it dry in shed before planting as preventive measure against soil borne diseases. |
| Cole crops | Nursery to transplanting | | - 25-30 days old seedlings may be transplanted in the open field. Dip root in Carbendazim @ 10g/ 5 lit of water for 30 min before transplanting in raised beds. |
| Tree Bean | Pre-bearing and bearing trees | | - 20g Carbofuran 3G/ plant may also be in-corporated as prophylactic measure against bark borer/ termites. |
| Ginger/ Turmeric | Rhizome development | Leaf Blotch and leaf spot | - To prevent the occurrence/ spreading of leaf blotch/ leaf spot, spray Mancozeb+ Carbendazim @2g/ litre of water at 7-10 days interval. |
| Animal Sciences | | | |
| Name of bird/ animal | Stage | Disease/ Management | Agro-meteorological advisories |
| Poultry (Chicken/ Duck) | All age groups | Coccidiosis | Give Coccimar @ 2g/litre of drinking water for 5-7 days along with glucose. |
| Sheep/ Goat | All age groups | Vaccination | Vaccinate against F.M.D., B.Q., H.S., Enterotoxaemia, etc. do it in this month. |
| | | Fascioliosis | Give Tolzan-F @ 15ml orally/ kg b. wt. It must be associated with vitamins like Livozyme @ 50ml twice daily. |
| Pig | All age groups except the young ones | Deworming | Give Morantel citrate tablet (Banminth) @15mg/ kg body weight. |
| | | | Use Butox liquid @ 2 ml/ lit of water twice a week while brushing the animal. |
| Cattle | All age groups excepts the young ones | Vaccination | Vaccinate against B.Q., F.M.D. & H.S. if not yet vaccinated. |
| | | Tick | Use Butox liquid @ 2ml/ litre water twice a week while brushing animals. |
| | | | Calves should not be allowed to drink milk from mothers if affected by FMD, it affects heart and cause even death of the calves. |
| | | Deworming | De-worm with Nilzan/ Tolzan-F @ 20-30ml for 100 kg body weight. |
| Fisheries | | | |
| Carp culture | - Sampling of fish for growth, disease should be done regularly by netting. Maintain water level at a depth of 1.0m to 1.5m. Ensure good quality water in fish culture ponds by liming. | | |

**MANIPUR AGROMET ADVISORY BULLETIN**Date of issue: 5th October, 2018**District: Imphal East**

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| Significant past weather for the preceding bi-weekly of Imphal - West (1st to 4th October, 2018) Observed no rainfall with mainly clear to partly cloudy sky but foggy during morning hours of 1 st to 3 rd October. Maximum temperature recorded ranged from 30.8 to 31.3 °C and minimum of 18.0 to 19.7 °C with mean relative humidity 91.0 % max and 51.3 % min was recorded in the past four days & average wind speed was 1.6 – 3.0 km/hr. | Weather forecast for next five days of Imphal East (6th to 10th October, 2018) Likely to have no rain upto Wednesday and mainly clear to partly cloudy sky with maximum temp. 29-31 °C & minimum temp. 18-19 °C. Relative humidity may reach upto 97 % (max RH) & 69 % (min RH). The average wind speed may be 3-6 km/hr. |
| Warning: Nil | |
| General Advisories: * As fog had been observed during morning hours and day temperatures are high in past days, temporary roof like structures using paddy straw and bamboo may be prepared for nursery in open field. Light watering may be done during morning hours. * Harvest mature crops and sundry properly after harvesting and before storage to attain optimum moisture for storage. * Mulching may be done with paddy straw/ leguminous plants/ Acalypha to conserve soil moisture. * Monitor the water requirement of the crop and irrigate wherever needed. | Standardized Precipitation Index: |

| Field Crops | | | |
|--|---|---------------------------|--|
| Name of the crop | Stage | Pest and disease | Agro-meteorological advisories |
| Rice | Grain filling to maturity to harvesting stage | | - Maintain water level at 5-8 cm. Irrigate to meet the water requirement during grain filling stage. - Harvest when 80% of the spikelet is yellow. |
| | | Neck Blast | Spray Tricyclazole 75% @ 10g/ 15 litre of water. |
| | | Bacterial Leaf Blight | Spray Streptocycline @ 1g/15 litres of water (at least 5-6 pumps/ sangam). |
| Rapeseed/ | Seed collection | | - Procure quality seeds from reliable source for planting in the field with assured irrigation just after harvest of rice/ soybean/ groundnut/ black gram or rice bean. |
| Soybean/ Groundnut/ Blackgram/ Rice Bean | Maturity to harvesting | | After threshing sundry to attain optimum moisture for storage. Healthy seeds may be selected for seeds. |
| Seeds storage | Post-harvest management | | For seed purpose store the seeds in <i>RC-Seed Bin</i> after proper drying and cleaning of seeds along with dry charcoal at 80:20 w/w ratios. Check for moisture content or weight of charcoal and dry if required. Clean godowns and spray with 1% Malathion on the walls before storage; also ensure that it is well ventilated. |
| Horticulture Crops | | | |
| Name of the crop | Stage | Pest and disease | Agro-meteorological advisories |
| Rabi vegetables | Land preparation to sowing | | - Procure good quality seeds of onion, garlic, carrot, radish, coriander, french bean, pea, broad bean, etc. Sowing may be done in prepared land. |
| Potato | Land preparation | | - Land preparation for planting potato may be started. - Collect seed tubers from reliable source and treated it with Sixer (Carbendazim + Mencozeb) @ 2 gm/lit of water or Carbaryl 50 WP or Ridomil @ 2 gm/kg seed/ tubers for 20 minutes and let it dry in shed before planting as preventive measure against soil borne diseases. |
| Cole crops | Nursery to transplanting | | - 25-30 days old seedlings may be transplanted in the open field. Dip root in Carbendazim @ 10g/ 5 lit of water for 30 min before transplanting in raised beds. |
| Tree Bean | Pre-bearing and bearing trees | | - 20g Carbofuran 3G/ plant may also be in-corporated as prophylactic measure against bark borer/ termites. |
| Ginger/ Turmeric | Rhizome development | Leaf Blotch and leaf spot | - To prevent the occurrence/ spreading of leaf blotch/ leaf spot, spray Mancozeb+ Carbendazim @2g/ litre of water at 7-10 days interval. |
| Animal Sciences | | | |
| Name of bird/ animal | Stage | Disease/ Management | Agro-meteorological advisories |
| Poultry (Chicken/ Duck) | All age groups | Coccidiosis | Give Coccimar @ 2g/litre of drinking water for 5-7 days along with glucose. |
| Sheep/ Goat | All age groups | Vaccination | Vaccinate against F.M.D., B.Q., H.S., Enterotoxaemia, etc. do it in this month. |
| | | Fascioliosis | Give Tolzan-F @ 15ml orally/ kg b. wt. It must be associated with vitamins like Livozyme @ 50ml twice daily. |
| Pig | All age groups except the young ones | Deworming | Give Morantel citrate tablet (Banminth) @15mg/ kg body weight. |
| | | | Use Butox liquid @ 2 ml/ lit of water twice a week while brushing the animal. |
| Cattle | All age groups excepts the young ones | Vaccination | Vaccinate against B.Q., F.M.D. & H.S. if not yet vaccinated. |
| | | Tick | Use Butox liquid @ 2ml/ litre water twice a week while brushing animals. |
| | | | Calves should not be allowed to drink milk from mothers if affected by FMD, it affects heart and cause even death of the calves. |
| | | Deworming | De-worm with Nilzan/ Tolzan-F @20-30ml for 100 kg body weight. |
| Fisheries | | | |
| Carp culture | - Sampling of fish for growth, disease should be done regularly by netting. Maintain water level at a depth of 1.0m to 1.5m. Ensure good quality water in fish culture ponds by liming. | | |

**MANIPUR AGROMET ADVISORY BULLETIN**Date of issue: 5th October, 2018*District: Imphal West*

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| Significant past weather for the preceding bi-weekly of Imphal - West (1st to 4th October, 2018) Observed no rainfall with mainly clear to partly cloudy sky but foggy during morning hours of 1 st to 3 rd October. Maximum temperature recorded ranged from 30.8 to 31.3 °C and minimum of 18.0 to 19.7 °C with mean relative humidity 91.0 % max and 51.3 % min was recorded in the past four days & average wind speed was 1.6 – 3.0 km/hr. | Weather forecast for next five days of Imphal West (6th to 10th October, 2018) Likely to have no rain upto Wednesday and mainly clear to partly cloudy sky with maximum temp. 29-31 °C & minimum temp. 18-19 °C. Relative humidity may reach upto 87 % (max RH) & 42% (min RH). The average wind speed may be 4-6 km/hr. |
| Warning: Nil | |
| General Advisories: * As fog had been observed during morning hours and day temperatures are high in past days, temporary roof like structures using paddy straw and bamboo may be prepared for nursery in open field. Light watering may be done during morning hours. * Harvest mature crops and sundry properly after harvesting and before storage to attain optimum moisture for storage. * Mulching may be done with paddy straw/ leguminous plants/ Acalypha to conserve soil moisture. * Monitor the water requirement of the crop and irrigate wherever needed. | Standardized Precipitation Index: |

| Field Crops | | | |
|--|---|---------------------------|--|
| Name of the crop | Stage | Pest and disease | Agro-meteorological advisories |
| Rice | Grain filling to maturity to harvesting stage | | - Maintain water level at 5-8 cm. Irrigate to meet the water requirement during grain filling stage. - Harvest when 80% of the spikelet is yellow. |
| | | Neck Blast | Spray Tricyclazole 75% @ 10g/ 15 litre of water. |
| | | Bacterial Leaf Blight | Spray Streptocycline @ 1g/15 litres of water (at least 5-6 pumps/ sangam). |
| Rapeseed/ | Seed collection | | - Procure quality seeds from reliable source for planting in the field with assured irrigation just after harvest of rice/ soybean/ groundnut/ black gram or rice bean. |
| Soybean/ Groundnut/ Blackgram/ Rice Bean | Maturity to harvesting | | After threshing sundry to attain optimum moisture for storage. Healthy seeds may be selected for seeds. |
| Seeds storage | Post-harvest management | | For seed purpose store the seeds in <i>RC-Seed Bin</i> after proper drying and cleaning of seeds along with dry charcoal at 80:20 w/w ratios. Check for moisture content or weight of charcoal and dry if required. Clean godowns and spray with 1% Malathion on the walls before storage; also ensure that it is well ventilated. |
| Horticulture Crops | | | |
| Name of the crop | Stage | Pest and disease | Agro-meteorological advisories |
| Rabi vegetables | Land preparation to sowing | | - Procure good quality seeds of onion, garlic, carrot, radish, coriander, french bean, pea, broad bean, etc. Sowing may be done in prepared land. |
| Potato | Land preparation | | - Land preparation for planting potato may be started. - Collect seed tubers from reliable source and treated it with Sixer (Carbendazim + Mencozeb) @ 2 gm/lit of water or Carbaryl 50 WP or Ridomil @ 2 gm/kg seed/ tubers for 20 minutes and let it dry in shed before planting as preventive measure against soil borne diseases. |
| Cole crops | Nursery to transplanting | | - 25-30 days old seedlings may be transplanted in the open field. Dip root in Carbendazim @ 10g/ 5 lit of water for 30 min before transplanting in raised beds. |
| Tree Bean | Pre-bearing and bearing trees | | - 20g Carbofuran 3G/ plant may also be in-corporated as prophylactic measure against bark borer/ termites. |
| Ginger/ Turmeric | Rhizome development | Leaf Blotch and leaf spot | - To prevent the occurrence/ spreading of leaf blotch/ leaf spot, spray Mancozeb+ Carbendazim @2g/ litre of water at 7-10 days interval. |
| Animal Sciences | | | |
| Name of bird/ animal | Stage | Disease/ Management | Agro-meteorological advisories |
| Poultry (Chicken/ Duck) | All age groups | Coccidiosis | Give Coccimar @ 2g/litre of drinking water for 5-7 days along with glucose. |
| Sheep/ Goat | All age groups | Vaccination | Vaccinate against F.M.D., B.Q., H.S., Enterotoxaemia, etc. do it in this month. |
| | | Fascioliosis | Give Tolzan-F @ 15ml orally/ kg b. wt. It must be associated with vitamins like Livozyme @ 50ml twice daily. |
| Pig | All age groups except the young ones | Deworming | Give Morantel citrate tablet (Banminth) @15mg/ kg body weight. |
| | | | Use Butox liquid @ 2 ml/ lit of water twice a week while brushing the animal. |
| Cattle | All age groups excepts the young ones | Vaccination | Vaccinate against B.Q., F.M.D. & H.S. if not yet vaccinated. |
| | | Tick | Use Butox liquid @ 2ml/ litre water twice a week while brushing animals. |
| | | | Calves should not be allowed to drink milk from mothers if affected by FMD, it affects heart and cause even death of the calves. |
| | | Deworming | De-worm with Nilzan/ Tolzan-F @ 20-30ml for 100 kg body weight. |
| Fisheries | | | |
| Carp culture | - Sampling of fish for growth, disease should be done regularly by netting. Maintain water level at a depth of 1.0m to 1.5m. Ensure good quality water in fish culture ponds by liming. | | |

**MANIPUR AGROMET ADVISORY BULLETIN**Date of issue: 5th October, 2018**District: Senapati**

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|---|---|
| Significant past weather for the preceding bi-weekly of Imphal - West (1st to 4th October, 2018) Observed no rainfall with mainly clear to partly cloudy sky but foggy during morning hours of 1 st to 3 rd October. Maximum temperature recorded ranged from 30.8 to 31.3 °C and minimum of 18.0 to 19.7 °C with mean relative humidity 91.0 % max and 51.3 % min was recorded in the past four days & average wind speed was 1.6 – 3.0 km/hr. | Weather forecast for next five days of Senapati (6th to 10th October, 2018) Likely to have no rain upto Wednesday and mainly clear to partly cloudy sky with maximum temp. 28-29 °C & minimum temp. 19 °C. Relative humidity may reach upto 94 % (max RH) & 52 % (min RH). The average wind speed may be 2-5 km/hr. |
| Warning: Nil | |
| General Advisories: * As fog had been observed during morning hours and day temperatures are high in past days, temporary roof like structures using paddy straw and bamboo may be prepared for nursery in open field. Light watering may be done during morning hours. * Harvest mature crops and sundry properly after harvesting and before storage to attain optimum moisture for storage. * Mulching may be done with paddy straw/ leguminous plants/ Acalypha to conserve soil moisture. * Monitor the water requirement of the crop and irrigate wherever needed. | Standardized Precipitation Index: |

| Field Crops | | | |
|--|---|---------------------------|--|
| Name of the crop | Stage | Pest and disease | Agro-meteorological advisories |
| Rice | Grain filling to maturity to harvesting stage | | - Maintain water level at 5-8 cm. Irrigate to meet the water requirement during grain filling stage. - Harvest when 80% of the spikelet is yellow. |
| | | Neck Blast | Spray Tricyclazole 75% @ 10g/ 15 litre of water. |
| | | Bacterial Leaf Blight | Spray Streptocycline @ 1g/15 litres of water (at least 5-6 pumps/ sangam). |
| Rapeseed/ | Seed collection | | - Procure quality seeds from reliable source for planting in the field with assured irrigation just after harvest of rice/ soybean/ groundnut/ black gram or rice bean. |
| Soybean/ Groundnut/ Blackgram/ Rice Bean | Maturity to harvesting | | After threshing sundry to attain optimum moisture for storage. Healthy seeds may be selected for seeds. |
| Seeds storage | Post-harvest management | | For seed purpose store the seeds in RC-Seed Bin after proper drying and cleaning of seeds along with dry charcoal at 80:20 w/w ratios. Check for moisture content or weight of charcoal and dry if required. Clean godowns and spray with 1% Malathion on the walls before storage; also ensure that it is well ventilated. |
| Horticulture Crops | | | |
| Name of the crop | Stage | Pest and disease | Agro-meteorological advisories |
| Rabi vegetables | Land preparation to sowing | | - Procure good quality seeds of french bean, pea, broad bean, etc. Sowing may be done in prepared land. |
| Cole crops | Nursery to transplanting | | - 25-30 days old seedlings may be transplanted in the open field. Dip root in Carbendazim @ 10g/ 5 lit of water for 30 min before transplanting in raised beds. |
| Tree Bean | Pre-bearing and bearing trees | | - 20g Carbofuran 3G/ plant may also be in-corporated as prophylactic measure against bark borer/ termites. |
| Ginger/ Turmeric | Rhizome development | Leaf Blotch and leaf spot | - To prevent the occurrence/ spreading of leaf blotch/ leaf spot, spray Mancozeb+ Carbendazim @2g/ litre of water at 7-10 days interval. |
| Animal Sciences | | | |
| Name of bird/ animal | Stage | Disease/ Management | Agro-meteorological advisories |
| Poultry (Chicken/ Duck) | All age groups | Coccidiosis | Give Coccimar @ 2g/litre of drinking water for 5-7 days along with glucose. |
| Sheep/ Goat | All age groups | Vaccination | Vaccinate against F.M.D., B.Q., H.S., Enterotoxaemia, etc. do it in this month. |
| | | Fascioliosis | Give Tolzan-F @ 15ml orally/ kg b. wt. It must be associated with vitamins like Livozyme @ 50ml twice daily. |
| Pig | All age groups except the young ones | Deworming | Give Morantel citrate tablet (Banminth) @15mg/ kg body weight. |
| | | | Use Butox liquid @ 2 ml/ lit of water twice a week while brushing the animal. |
| Cattle | All age groups excepts the young ones | Vaccination | Vaccinate against B.Q., F.M.D. & H.S. if not yet vaccinated. |
| | | Tick | Use Butox liquid @ 2ml/ litre water twice a week while brushing animals. |
| | | | Calves should not be allowed to drink milk from mothers if affected by FMD, it affects heart and cause even death of the calves. |
| | | Deworming | De-worm with Nilzan/ Tolzan-F @ 20-30ml for 100 kg body weight. |
| Fisheries | | | |
| Carp culture | | | - Sampling of fish for growth, disease should be done regularly by netting. Maintain water level at a depth of 1.0m to 1.5m. Ensure good quality water in fish culture ponds by liming. |

**MANIPUR AGROMET ADVISORY BULLETIN**Date of issue: 5th October, 2018**District: Tamenglong**

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| Significant past weather for the preceding bi-weekly of Imphal - West (1st to 4th October, 2018) Observed no rainfall with mainly clear to partly cloudy sky but foggy during morning hours of 1 st to 3 rd October. Maximum temperature recorded ranged from 30.8 to 31.3 °C and minimum of 18.0 to 19.7 °C with mean relative humidity 91.0 % max and 51.3 % min was recorded in the past four days & average wind speed was 1.6 – 3.0 km/hr. | Weather forecast for next five days of Tamenglong (6th to 10th October, 2018) Likely to have no rain upto Wednesday and mainly clear to partly cloudy sky with maximum temp. 28-29 °C & minimum temp. 19 °C. Relative humidity may reach upto 94 % (max RH) & 52 % (min RH). The average wind speed may be 2-5 km/hr. |
| Warning: Nil | |
| General Advisories: * As fog had been observed during morning hours and day temperatures are high in past days, temporary roof like structures using paddy straw and bamboo may be prepared for nursery in open field. Light watering may be done during morning hours. * Harvest mature crops and sundry properly after harvesting and before storage to attain optimum moisture for storage. * Mulching may be done with paddy straw/ leguminous plants/ Acalypha to conserve soil moisture. * Monitor the water requirement of the crop and irrigate wherever needed. | Standardized Precipitation Index: |

| Field Crops | | | |
|--|---|---------------------------|--|
| Name of the crop | Stage | Pest and disease | Agro-meteorological advisories |
| Rice | Grain filling to maturity to harvesting stage | | - Maintain water level at 5-8 cm. Irrigate to meet the water requirement during grain filling stage. - Harvest when 80% of the spikelet is yellow. |
| | | Neck Blast | Spray Tricyclazole 75% @ 10g/ 15 litre of water. |
| | | Bacterial Leaf Blight | Spray Streptocycline @ 1g/15 litres of water (at least 5-6 pumps/ sangam). |
| Rapeseed/ | Seed collection | | - Procure quality seeds from reliable source for planting in the field with assured irrigation just after harvest of rice/ soybean/ groundnut/ black gram or rice bean. |
| Soybean/ Groundnut/ Blackgram/ Rice Bean | Maturity to harvesting | | After threshing sundry to attain optimum moisture for storage. Healthy seeds may be selected for seeds. |
| Seeds storage | Post-harvest management | | For seed purpose store the seeds in <i>RC-Seed Bin</i> after proper drying and cleaning of seeds along with dry charcoal at 80:20 w/w ratios. Check for moisture content or weight of charcoal and dry if required. Clean godowns and spray with 1% Malathion on the walls before storage; also ensure that it is well ventilated. |
| Horticulture Crops | | | |
| Name of the crop | Stage | Pest and disease | Agro-meteorological advisories |
| Rabi vegetables | Land preparation to sowing | | - Procure good quality seeds of onion, garlic, carrot, radish, coriander, french bean, pea, broad bean, etc. Sowing may be done in prepared land. |
| Potato | Land preparation | | - Land preparation for planting potato may be started. - Collect seed tubers from reliable source and treated it with Sixer (Carbendazim + Mencozeb) @ 2 gm/lit of water or Carbaryl 50 WP or Ridomil @ 2 gm/kg seed/ tubers for 20 minutes and let it dry in shed before planting as preventive measure against soil borne diseases. |
| Cole crops | Nursery to transplanting | | - 25-30 days old seedlings may be transplanted in the open field. Dip root in Carbendazim @ 10g/ 5 lit of water for 30 min before transplanting in raised beds. |
| Tree Bean | Pre-bearing and bearing trees | | - 20g Carbofuran 3G/ plant may also be in-corporated as prophylactic measure against bark borer/ termites. |
| Ginger/ Turmeric | Rhizome development | Leaf Blotch and leaf spot | - To prevent the occurrence/ spreading of leaf blotch/ leaf spot, spray Mancozeb+ Carbendazim @2g/ litre of water at 7-10 days interval. |
| Animal Sciences | | | |
| Name of bird/ animal | Stage | Disease/ Management | Agro-meteorological advisories |
| Poultry (Chicken/ Duck) | All age groups | Coccidiosis | Give Coccimar @ 2g/litre of drinking water for 5-7 days along with glucose. |
| Sheep/ Goat | All age groups | Vaccination | Vaccinate against F.M.D., B.Q., H.S., Enterotoxaemia, etc. do it in this month. |
| | | Fascioliosis | Give Tolzan-F @ 15ml orally/ kg b. wt. It must be associated with vitamins like Livozyme @ 50ml twice daily. |
| Pig | All age groups except the young ones | Deworming | Give Morantel citrate tablet (Banminth) @15mg/ kg body weight. |
| | | | Use Butox liquid @ 2 ml/ lit of water twice a week while brushing the animal. |
| Cattle | All age groups excepts the young ones | Vaccination | Vaccinate against B.Q., F.M.D. & H.S. if not yet vaccinated. |
| | | Tick | Use Butox liquid @ 2ml/ litre water twice a week while brushing animals. |
| | | | Calves should not be allowed to drink milk from mothers if affected by FMD, it affects heart and cause even death of the calves. |
| | | Deworming | De-worm with Nilzan/ Tolzan-F @ 20-30ml for 100 kg body weight. |
| Fisheries | | | |
| Carp culture | - Sampling of fish for growth, disease should be done regularly by netting. Maintain water level at a depth of 1.0m to 1.5m. Ensure good quality water in fish culture ponds by liming. | | |

**MANIPUR AGROMET ADVISORY BULLETIN**Date of issue: 5th October, 2018*District: Thoubal*

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|---|---|
| Significant past weather for the preceding bi-weekly of Imphal - West (1st to 4th October, 2018) Observed no rainfall with mainly clear to partly cloudy sky but foggy during morning hours of 1 st to 3 rd October. Maximum temperature recorded ranged from 30.8 to 31.3 °C and minimum of 18.0 to 19.7 °C with mean relative humidity 91.0 % max and 51.3 % min was recorded in the past four days & average wind speed was 1.6 – 3.0 km/hr. | Weather forecast for next five days of Thoubal (6th to 10th October, 2018) Likely to have no rain upto Wednesday and mainly clear to partly cloudy sky with maximum temp. 29-31 °C & minimum temp. 18-19 °C. Relative humidity may reach upto 96 % (max RH) & 62 % (min RH). The average wind speed may be 3-5 km/hr. |
| Warning: Nil | |
| General Advisories: * As fog had been observed during morning hours and day temperatures are high in past days, temporary roof like structures using paddy straw and bamboo may be prepared for nursery in open field. Light watering may be done during morning hours. * Harvest mature crops and sundry properly after harvesting and before storage to attain optimum moisture for storage. * Mulching may be done with paddy straw/ leguminous plants/ Acalypha to conserve soil moisture. * Monitor the water requirement of the crop and irrigate wherever needed. | Standardized Precipitation Index: |

| Field Crops | | | |
|--|---|---------------------------|--|
| Name of the crop | Stage | Pest and disease | Agro-meteorological advisories |
| Rice | Grain filling to maturity to harvesting stage | | - Maintain water level at 5-8 cm. Irrigate to meet the water requirement during grain filling stage. - Harvest when 80% of the spikelet is yellow. |
| | | Neck Blast | Spray Tricyclazole 75% @ 10g/ 15 litre of water. |
| | | Bacterial Leaf Blight | Spray Streptocycline @ 1g/15 litres of water (at least 5-6 pumps/ sangam). |
| Rapeseed/ | Seed collection | | - Procure quality seeds from reliable source for planting in the field with assured irrigation just after harvest of rice/ soybean/ groundnut/ black gram or rice bean. |
| Soybean/ Groundnut/ Blackgram/ Rice Bean | Maturity to harvesting | | After threshing sundry to attain optimum moisture for storage. Healthy seeds may be selected for seeds. |
| Seeds storage | Post-harvest management | | For seed purpose store the seeds in <i>RC-Seed Bin</i> after proper drying and cleaning of seeds along with dry charcoal at 80:20 w/w ratios. Check for moisture content or weight of charcoal and dry if required. Clean godowns and spray with 1% Malathion on the walls before storage; also ensure that it is well ventilated. |
| Horticulture Crops | | | |
| Name of the crop | Stage | Pest and disease | Agro-meteorological advisories |
| Rabi vegetables | Land preparation to sowing | | - Procure good quality seeds of onion, garlic, carrot, radish, coriander, french bean, pea, broad bean, etc. Sowing may be done in prepared land. |
| Potato | Land preparation | | - Land preparation for planting potato may be started. - Collect seed tubers from reliable source and treated it with Sixer (Carbendazim + Mencozeb) @ 2 gm/lit of water or Carbaryl 50 WP or Ridomil @ 2 gm/kg seed/ tubers for 20 minutes and let it dry in shed before planting as preventive measure against soil borne diseases. |
| Cole crops | Nursery to transplanting | | - 25-30 days old seedlings may be transplanted in the open field. Dip root in Carbendazim @ 10g/ 5 lit of water for 30 min before transplanting in raised beds. |
| Tree Bean | Pre-bearing and bearing trees | | - 20g Carbofuran 3G/ plant may also be in-corporated as prophylactic measure against bark borer/ termites. |
| Ginger/ Turmeric | Rhizome development | Leaf Blotch and leaf spot | - To prevent the occurrence/ spreading of leaf blotch/ leaf spot, spray Mancozeb+ Carbendazim @2g/ litre of water at 7-10 days interval. |
| Animal Sciences | | | |
| Name of bird/ animal | Stage | Disease/ Management | Agro-meteorological advisories |
| Poultry (Chicken/ Duck) | All age groups | Coccidiosis | Give Coccimar @ 2g/litre of drinking water for 5-7 days along with glucose. |
| Sheep/ Goat | All age groups | Vaccination | Vaccinate against F.M.D., B.Q., H.S., Enterotoxaemia, etc. do it in this month. |
| | | Fascioliosis | Give Tolzan-F @ 15ml orally/ kg b. wt. It must be associated with vitamins like Livozyme @ 50ml twice daily. |
| Pig | All age groups except the young ones | Deworming | Give Morantel citrate tablet (Banminth) @15mg/ kg body weight. |
| | | | Use Butox liquid @ 2 ml/ lit of water twice a week while brushing the animal. |
| Cattle | All age groups excepts the young ones | Vaccination | Vaccinate against B.Q., F.M.D. & H.S. if not yet vaccinated. |
| | | Tick | Use Butox liquid @ 2ml/ litre water twice a week while brushing animals. |
| | | | Calves should not be allowed to drink milk from mothers if affected by FMD, it affects heart and cause even death of the calves. |
| | | Deworming | De-worm with Nilzan/ Tolzan-F @20-30ml for 100 kg body weight. |
| Fisheries | | | |
| Carp culture | - Sampling of fish for growth, disease should be done regularly by netting. Maintain water level at a depth of 1.0m to 1.5m. Ensure good quality water in fish culture ponds by liming. | | |

**MANIPUR AGROMET ADVISORY BULLETIN**Date of issue: 5th October, 2018**District: Ukhrul**

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|---|---|
| Significant past weather for the preceding bi-weekly of Imphal - West (1st to 4th October, 2018) Observed no rainfall with mainly clear to partly cloudy sky but foggy during morning hours of 1 st to 3 rd October. Maximum temperature recorded ranged from 30.8 to 31.3 °C and minimum of 18.0 to 19.7 °C with mean relative humidity 91.0 % max and 51.3 % min was recorded in the past four days & average wind speed was 1.6 – 3.0 km/hr. | Weather forecast for next five days of Ukhrul (6th to 10th October, 2018) Likely to have no rain upto Wednesday and mainly clear to partly cloudy sky with maximum temp. 28-29 °C & minimum temp. 19 °C. Relative humidity may reach upto 96 % (max RH) & 54 % (min RH). The average wind speed may be 4-5 km/hr. |
| Warning: Nil | |
| General Advisories: * As fog had been observed during morning hours and day temperatures are high in past days, temporary roof like structures using paddy straw and bamboo may be prepared for nursery in open field. Light watering may be done during morning hours. * Harvest mature crops and sundry properly after harvesting and before storage to attain optimum moisture for storage. * Mulching may be done with paddy straw/ leguminous plants/ Acalypha to conserve soil moisture. * Monitor the water requirement of the crop and irrigate wherever needed. | Standardized Precipitation Index: |

| Field Crops | | | |
|--|---|---------------------------|--|
| Name of the crop | Stage | Pest and disease | Agro-meteorological advisories |
| Rice | Grain filling to maturity to harvesting stage | | - Maintain water level at 5-8 cm. Irrigate to meet the water requirement during grain filling stage. - Harvest when 80% of the spikelet is yellow. |
| | | Neck Blast | Spray Tricyclazole 75% @ 10g/ 15 litre of water. |
| | | Bacterial Leaf Blight | Spray Streptocycline @ 1g/15 litres of water (at least 5-6 pumps/ sangam). |
| Rapeseed/ | Seed collection | | - Procure quality seeds from reliable source for planting in the field with assured irrigation just after harvest of rice/ soybean/ groundnut/ black gram or rice bean. |
| Soybean/ Groundnut/ Blackgram/ Rice Bean | Maturity to harvesting | | After threshing sundry to attain optimum moisture for storage. Healthy seeds may be selected for seeds. |
| Seeds storage | Post-harvest management | | For seed purpose store the seeds in RC-Seed Bin after proper drying and cleaning of seeds along with dry charcoal at 80:20 w/w ratios. Check for moisture content or weight of charcoal and dry if required. Clean godowns and spray with 1% Malathion on the walls before storage; also ensure that it is well ventilated. |
| Horticulture Crops | | | |
| Name of the crop | Stage | Pest and disease | Agro-meteorological advisories |
| Rabi vegetables | Land preparation to sowing | | - Procure good quality seeds of french bean, pea, broad bean, etc. Sowing may be done in prepared land. |
| Cole crops | Nursery to transplanting | | - 25-30 days old seedlings may be transplanted in the open field. Dip root in Carbendazim @ 10g/ 5 lit of water for 30 min before transplanting in raised beds. |
| Tree Bean | Pre-bearing and bearing trees | | - 20g Carbofuran 3G/ plant may also be in-corporated as prophylactic measure against bark borer/ termites. |
| Ginger/ Turmeric | Rhizome development | Leaf Blotch and leaf spot | - To prevent the occurrence/ spreading of leaf blotch/ leaf spot, spray Mancozeb+ Carbendazim @2g/ litre of water at 7-10 days interval. |
| Animal Sciences | | | |
| Name of bird/ animal | Stage | Disease/ Management | Agro-meteorological advisories |
| Poultry (Chicken/ Duck) | All age groups | Coccidiosis | Give Coccimar @ 2g/litre of drinking water for 5-7 days along with glucose. |
| Sheep/ Goat | All age groups | Vaccination | Vaccinate against F.M.D., B.Q., H.S., Enterotoxaemia, etc. do it in this month. |
| | | Fascioliosis | Give Tolzan-F @ 15ml orally/ kg b. wt. It must be associated with vitamins like Livozyme @ 50ml twice daily. |
| Pig | All age groups except the young ones | Deworming | Give Morantel citrate tablet (Banminth) @15mg/ kg body weight. |
| | | | Use Butox liquid @ 2 ml/ lit of water twice a week while brushing the animal. |
| Cattle | All age groups excepts the young ones | Vaccination | Vaccinate against B.Q., F.M.D. & H.S. if not yet vaccinated. |
| | | Tick | Use Butox liquid @ 2ml/ litre water twice a week while brushing animals. |
| | | | Calves should not be allowed to drink milk from mothers if affected by FMD, it affects heart and cause even death of the calves. |
| | | Deworming | De-worm with Nilzan/ Tolzan-F @ 20-30ml for 100 kg body weight. |
| Fisheries | | | |
| Carp culture | | | - Sampling of fish for growth, disease should be done regularly by netting. Maintain water level at a depth of 1.0m to 1.5m. Ensure good quality water in fish culture ponds by liming. |

**MANIPUR AGROMET ADVISORY BULLETIN**Date of issue: 5th October, 2018*District: Bishnupur*

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|---|---|
| Significant past weather for the preceding bi-weekly of Imphal - West (1st to 4th October, 2018) Observed no rainfall with mainly clear to partly cloudy sky but foggy during morning hours of 1 st to 3 rd October. Maximum temperature recorded ranged from 30.8 to 31.3 °C and minimum of 18.0 to 19.7 °C with mean relative humidity 91.0 % max and 51.3 % min was recorded in the past four days & average wind speed was 1.6 – 3.0 km/hr. | Weather forecast for next five days of Bishnupur (6th to 10th October, 2018) Likely to have no rain upto Wednesday and mainly clear to partly cloudy sky with maximum temp. 29-31 °C & minimum temp. 18-19 °C. Relative humidity may reach upto 95 % (max RH) & 48 % (min RH). The average wind speed may be 0-2 km/hr. |
| Warning: Nil | |
| General Advisories: * As fog had been observed during morning hours and day temperatures are high in past days, temporary roof like structures using paddy straw and bamboo may be prepared for nursery in open field. Light watering may be done during morning hours. * Harvest mature crops and sundry properly after harvesting and before storage to attain optimum moisture for storage. * Mulching may be done with paddy straw/ leguminous plants/ Acalypha to conserve soil moisture. * Monitor the water requirement of the crop and irrigate wherever needed. | Standardized Precipitation Index: |

| Field Crops | | | |
|--|---|---------------------------|--|
| Name of the crop | Stage | Pest and disease | Agro-meteorological advisories |
| Rice | Grain filling to maturity to harvesting stage | | - Maintain water level at 5-8 cm. Irrigate to meet the water requirement during grain filling stage. - Harvest when 80% of the spikelet is yellow. |
| | | Neck Blast | Spray Tricyclazole 75% @ 10g/ 15 litre of water. |
| | | Bacterial Leaf Blight | Spray Streptocycline @ 1g/15 litres of water (at least 5-6 pumps/ sangam). |
| Rapeseed/ | Seed collection | | - Procure quality seeds from reliable source for planting in the field with assured irrigation just after harvest of rice/ soybean/ groundnut/ black gram or rice bean. |
| Soybean/ Groundnut/ Blackgram/ Rice Bean | Maturity to harvesting | | After threshing sundry to attain optimum moisture for storage. Healthy seeds may be selected for seeds. |
| Seeds storage | Post-harvest management | | For seed purpose store the seeds in <i>RC-Seed Bin</i> after proper drying and cleaning of seeds along with dry charcoal at 80:20 w/w ratios. Check for moisture content or weight of charcoal and dry if required. Clean godowns and spray with 1% Malathion on the walls before storage; also ensure that it is well ventilated. |
| Horticulture Crops | | | |
| Name of the crop | Stage | Pest and disease | Agro-meteorological advisories |
| Rabi vegetables | Land preparation to sowing | | - Procure good quality seeds of onion, garlic, carrot, radish, coriander, french bean, pea, broad bean, etc. Sowing may be done in prepared land. |
| Potato | Land preparation | | - Land preparation for planting potato may be started. - Collect seed tubers from reliable source and treated it with Sixer (Carbendazim + Mencozeb) @ 2 gm/lit of water or Carbaryl 50 WP or Ridomil @ 2 gm/kg seed/ tubers for 20 minutes and let it dry in shed before planting as preventive measure against soil borne diseases. |
| Cole crops | Nursery to transplanting | | - 25-30 days old seedlings may be transplanted in the open field. Dip root in Carbendazim @ 10g/ 5 lit of water for 30 min before transplanting in raised beds. |
| Tree Bean | Pre-bearing and bearing trees | | - 20g Carbofuran 3G/ plant may also be in-corporated as prophylactic measure against bark borer/ termites. |
| Ginger/ Turmeric | Rhizome development | Leaf Blotch and leaf spot | - To prevent the occurrence/ spreading of leaf blotch/ leaf spot, spray Mancozeb+ Carbendazim @2g/ litre of water at 7-10 days interval. |
| Animal Sciences | | | |
| Name of bird/ animal | Stage | Disease/ Management | Agro-meteorological advisories |
| Poultry (Chicken/ Duck) | All age groups | Coccidiosis | Give Coccimar @ 2g/litre of drinking water for 5-7 days along with glucose. |
| Sheep/ Goat | All age groups | Vaccination | Vaccinate against F.M.D., B.Q., H.S., Enterotoxaemia, etc. do it in this month. |
| | | Fascioliosis | Give Tolzan-F @ 15ml orally/ kg b. wt. It must be associated with vitamins like Livozyme @ 50ml twice daily. |
| Pig | All age groups except the young ones | Deworming | Give Morantel citrate tablet (Banminth) @15mg/ kg body weight. |
| | | | Use Butox liquid @ 2 ml/ lit of water twice a week while brushing the animal. |
| Cattle | All age groups excepts the young ones | Vaccination | Vaccinate against B.Q., F.M.D. & H.S. if not yet vaccinated. |
| | | Tick | Use Butox liquid @ 2ml/ litre water twice a week while brushing animals. |
| | | | Calves should not be allowed to drink milk from mothers if affected by FMD, it affects heart and cause even death of the calves. |
| | | Deworming | De-worm with Nilzan/ Tolzan-F @ 20-30ml for 100 kg body weight. |
| Fisheries | | | |
| Carp culture | - Sampling of fish for growth, disease should be done regularly by netting. Maintain water level at a depth of 1.0m to 1.5m. Ensure good quality water in fish culture ponds by liming. | | |

**MANIPUR AGROMET ADVISORY BULLETIN**Date of issue: 5th October, 2018*District: Chandel*

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|---|---|
| Significant past weather for the preceding bi-weekly of Imphal - West (1st to 4th October, 2018) Observed no rainfall with mainly clear to partly cloudy sky but foggy during morning hours of 1 st to 3 rd October. Maximum temperature recorded ranged from 30.8 to 31.3 °C and minimum of 18.0 to 19.7 °C with mean relative humidity 91.0 % max and 51.3 % min was recorded in the past four days & average wind speed was 1.6 – 3.0 km/hr. | Weather forecast for next five days of Chandel (6th to 10th October, 2018) Likely to have no rain upto Wednesday and mainly clear to partly cloudy sky with maximum temp. 29-31 °C & minimum temp. 18-19 °C. Relative humidity may reach upto 95 % (max RH) & 62 % (min RH). The average wind speed may be 3-4 km/hr. |
| Warning: Nil | |
| General Advisories: * As fog had been observed during morning hours and day temperatures are high in past days, temporary roof like structures using paddy straw and bamboo may be prepared for nursery in open field. Light watering may be done during morning hours. * Harvest mature crops and sundry properly after harvesting and before storage to attain optimum moisture for storage. * Mulching may be done with paddy straw/ leguminous plants/ Acalypha to conserve soil moisture. * Monitor the water requirement of the crop and irrigate wherever needed. | Standardized Precipitation Index: |

| Field Crops | | | |
|--|---|---------------------------|--|
| Name of the crop | Stage | Pest and disease | Agro-meteorological advisories |
| Rice | Grain filling to maturity to harvesting stage | | - Maintain water level at 5-8 cm. Irrigate to meet the water requirement during grain filling stage. - Harvest when 80% of the spikelet is yellow. |
| | | Neck Blast | Spray Tricyclazole 75% @ 10g/ 15 litre of water. |
| | | Bacterial Leaf Blight | Spray Streptocycline @ 1g/15 litres of water (at least 5-6 pumps/ sangam). |
| Rapeseed/ | Seed collection | | - Procure quality seeds from reliable source for planting in the field with assured irrigation just after harvest of rice/ soybean/ groundnut/ black gram or rice bean. |
| Soybean/ Groundnut/ Blackgram/ Rice Bean | Maturity to harvesting | | After threshing sundry to attain optimum moisture for storage. Healthy seeds may be selected for seeds. |
| Seeds storage | Post-harvest management | | For seed purpose store the seeds in <i>RC-Seed Bin</i> after proper drying and cleaning of seeds along with dry charcoal at 80:20 w/w ratios. Check for moisture content or weight of charcoal and dry if required. Clean godowns and spray with 1% Malathion on the walls before storage; also ensure that it is well ventilated. |
| Horticulture Crops | | | |
| Name of the crop | Stage | Pest and disease | Agro-meteorological advisories |
| Rabi vegetables | Land preparation to sowing | | - Procure good quality seeds of onion, garlic, carrot, radish, coriander, french bean, pea, broad bean, etc. Sowing may be done in prepared land. |
| Potato | Land preparation | | - Land preparation for planting potato may be started. - Collect seed tubers from reliable source and treated it with Sixer (Carbendazim + Mencozeb) @ 2 gm/lit of water or Carbaryl 50 WP or Ridomil @ 2 gm/kg seed/ tubers for 20 minutes and let it dry in shed before planting as preventive measure against soil borne diseases. |
| Cole crops | Nursery to transplanting | | - 25-30 days old seedlings may be transplanted in the open field. Dip root in Carbendazim @ 10g/ 5 lit of water for 30 min before transplanting in raised beds. |
| Tree Bean | Pre-bearing and bearing trees | | - 20g Carbofuran 3G/ plant may also be in-corporated as prophylactic measure against bark borer/ termites. |
| Ginger/ Turmeric | Rhizome development | Leaf Blotch and leaf spot | - To prevent the occurrence/ spreading of leaf blotch/ leaf spot, spray Mancozeb+ Carbendazim @2g/ litre of water at 7-10 days interval. |
| Animal Sciences | | | |
| Name of bird/ animal | Stage | Disease/ Management | Agro-meteorological advisories |
| Poultry (Chicken/ Duck) | All age groups | Coccidiosis | Give Coccimar @ 2g/litre of drinking water for 5-7 days along with glucose. |
| Sheep/ Goat | All age groups | Vaccination | Vaccinate against F.M.D., B.Q., H.S., Enterotoxaemia, etc. do it in this month. |
| | | Fascioliosis | Give Tolzan-F @ 15ml orally/ kg b. wt. It must be associated with vitamins like Livozyme @ 50ml twice daily. |
| Pig | All age groups except the young ones | Deworming | Give Morantel citrate tablet (Banminth) @15mg/ kg body weight. |
| | | | Use Butox liquid @ 2 ml/ lit of water twice a week while brushing the animal. |
| Cattle | All age groups excepts the young ones | Vaccination | Vaccinate against B.Q., F.M.D. & H.S. if not yet vaccinated. |
| | | Tick | Use Butox liquid @ 2ml/ litre water twice a week while brushing animals. |
| | | | Calves should not be allowed to drink milk from mothers if affected by FMD, it affects heart and cause even death of the calves. |
| | | Deworming | De-worm with Nilzan/ Tolzan-F @20-30ml for 100 kg body weight. |
| Fisheries | | | |
| Carp culture | - Sampling of fish for growth, disease should be done regularly by netting. Maintain water level at a depth of 1.0m to 1.5m. Ensure good quality water in fish culture ponds by liming. | | |