

**MANIPUR AGROMET ADVISORY BULLETIN****District: Churachandpur**Date of issue: 28<sup>th</sup> September, 2018Period: 1<sup>st</sup> October, 2018

<b>Significant past weather for the preceding bi-weekly of Imphal - West (28<sup>th</sup> to 30<sup>th</sup> September, 2018)</b> Observed no rainfall with mainly clear to partly cloudy sky but foggy during morning hours of 29 <sup>th</sup> and 30 <sup>th</sup> Sept. Maximum temperature recorded ranged from 20.5 to 31.4 °C and minimum of 19.0 to 19.2 °C with mean relative humidity 90.0 % max and 55.0 % min was recorded in the past three days & average wind speed was 2.8 – 3.6 km/ hr.	<b>Weather forecast for next five days of Churachandpur (2<sup>nd</sup> to 6<sup>th</sup> October, 2018)</b> Likely to have no rain upto Saturday and mainly clear to partly cloudy sky with maximum temp. 32-34 °C & minimum temp. 21-23 °C. Relative humidity may reach upto 98 % (max RH) & 52 % (min RH). The average wind speed may be 2-3 km/hr.
<b>Warning:</b> <b>Nil</b>	
<b>General Advisories:</b> * 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 for healthy nursery. * Harvest mature crops and sundry properly after harvesting and before storage to attain optimum moisture for storage. * Clean godowns and spray with 1% Malathion on the walls before storage; also ensure that it is well ventilated. * Mulching may be done with paddy straw/ leguminous plants/ Acalypha to conserve soil moisture. * Measures may be taken up to control the population of flies and mosquitoes in and around the sheds of birds and animals and ensure that it is well ventilated as day temp. is high these days.	<b>Standardized Precipitation Index:</b>

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).
		Aphid, mealy bugs	Spray Fipronil @ 2g/15 litres or Imidachloprid 17.8 SL @ 7 ml/ 15 litres of water.
		Plant Hoppers or Thrips	Spray Coragen 3-5 ml per 15 lit of water at the early stage of infestation.
		Sheath blight/ Bakani	Carbendazim @ 30-40g/ 15 lit of water or Hexaclonazole @ 15ml/ 15 lit of water.
Soybean/ Groundnut/ Blackgram/ Rice Bean	Maturity to harvesting		Harvest mature crops and sundry for 2-3 days for better threshing. 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.
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, carrot, radish, coriander, potato, 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.
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	If the animals are not vaccinated 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.
		Deworming	De-worm with Nilzan/ Tolzan-F @ 20-30ml for 100 kg body weight.
Fisheries			
Carp culture	- Provide feed 2-3 times @ 5-10 % body weight per day. 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.		

(I. Meghachandra Singh)  
Nodal Officer, AMFU- Lamphelpat

**MANIPUR AGROMET ADVISORY BULLETIN****District: Imphal East****Date of issue: 28<sup>th</sup> September, 2018****Period: 1<sup>st</sup> October, 2018****Significant past weather for the preceding bi-weekly of Imphal - West (28<sup>th</sup> to 30<sup>th</sup> September, 2018)**

Observed no rainfall with mainly clear to partly cloudy sky but foggy during morning hours of 29<sup>th</sup> and 30<sup>th</sup> Sept. Maximum temperature recorded ranged from 20.5 to 31.4 °C and minimum of 19.0 to 19.2 °C with mean relative humidity 90.0 % max and 55.0 % min was recorded in the past three days & average wind speed was 2.8 – 3.6 km/ hr.

**Weather forecast for next five days of Imphal East (2<sup>nd</sup> to 6<sup>th</sup> October, 2018)**

Likely to have no rain upto Saturday and mainly clear to partly cloudy sky with maximum temp. 33 °C & minimum temp. 21-22 °C. Relative humidity may reach upto 95 % (max RH) & 50 % (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 for healthy nursery.
- \* Harvest mature crops and sundry properly after harvesting and before storage to attain optimum moisture for storage.
- \* Clean godowns and spray with 1% Malathion on the walls before storage; also ensure that it is well ventilated.
- \* Mulching may be done with paddy straw/ leguminous plants/ Acalypha to conserve soil moisture.
- \* Measures may be taken up to control the population of flies and mosquitoes in and around the sheds of birds and animals and ensure that it is well ventilated as day temp. is high these days.

**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).
		Aphid, mealy bugs	Spray Fipronil @ 2g/15 litres or Imidachloprid 17.8 SL @ 7 ml/ 15 litres of water.
		Plant Hoppers or Thrips	Spray Coragen 3-5 ml per 15 lit of water at the early stage of infestation.
		Sheath blight/ Bakani	Carbendazim @ 30-40g/ 15 lit of water or Hexaconazole @ 15ml/ 15 lit of water.
Soybean/ Groundnut/ Blackgram/ Rice Bean	Maturity to harvesting		Harvest mature crops and sundry for 2-3 days for better threshing. 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.

**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, carrot, radish, coriander, potato, 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.
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	If the animals are not vaccinated 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.
		Deworming	De-worm with Nilzan/ Tolzan-F @ 20-30ml for 100 kg body weight.

**Fisheries**

Carp culture	- Provide feed 2-3 times @ 5-10 % body weight per day. 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.
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(I. Meghachandra Singh)  
Nodal Officer, AMFU- Lamphelpat

**MANIPUR AGROMET ADVISORY BULLETIN****District: Imphal West****Date of issue: 28<sup>th</sup> September, 2018****Period: 1<sup>st</sup> October, 2018****Significant past weather for the preceding bi-weekly of Imphal - West (28<sup>th</sup> to 30<sup>th</sup> September, 2018)**

Observed no rainfall with mainly clear to partly cloudy sky but foggy during morning hours of 29<sup>th</sup> and 30<sup>th</sup> Sept. Maximum temperature recorded ranged from 20.5 to 31.4 °C and minimum of 19.0 to 19.2 °C with mean relative humidity 90.0 % max and 55.0 % min was recorded in the past three days & average wind speed was 2.8 – 3.6 km/ hr.

**Weather forecast for next five days of Imphal West (2<sup>nd</sup> to 6<sup>th</sup> October, 2018)**

Likely to have no rain upto Saturday and mainly clear to partly cloudy sky with maximum temp. 33-34 °C & minimum temp. 21-22 °C. Relative humidity may reach upto 89 % (max RH) & 44 % (min RH). The average wind speed may be 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 for healthy nursery.
- \* Harvest mature crops and sundry properly after harvesting and before storage to attain optimum moisture for storage.
- \* Clean godowns and spray with 1% Malathion on the walls before storage; also ensure that it is well ventilated.
- \* Mulching may be done with paddy straw/ leguminous plants/ Acalypha to conserve soil moisture.
- \* Measures may be taken up to control the population of flies and mosquitoes in and around the sheds of birds and animals and ensure that it is well ventilated as day temp. is high these days.

**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).
		Aphid, mealy bugs	Spray Fipronil @ 2g/15 litres or Imidachloprid 17.8 SL @ 7 ml/ 15 litres of water.
		Plant Hoppers or Thrips	Spray Coragen 3-5 ml per 15 lit of water at the early stage of infestation.
		Sheath blight/ Bakani	Carbendazim @ 30-40g/ 15 lit of water or Hexaconazole @ 15ml/ 15 lit of water.
Soybean/ Groundnut/ Blackgram/ Rice Bean	Maturity to harvesting		Harvest mature crops and sundry for 2-3 days for better threshing. 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.

**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, carrot, radish, coriander, potato, 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.
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	If the animals are not vaccinated 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.
		Deworming	De-worm with Nilzan/ Tolzan-F @20-30ml for 100 kg body weight.

**Fisheries**

Carp culture	- Provide feed 2-3 times @ 5-10 % body weight per day. 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.
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(I. Meghachandra Singh)  
Nodal Officer, AMFU- Lamphelpat

**MANIPUR AGROMET ADVISORY BULLETIN****District: Senapati****Date of issue: 28<sup>th</sup> September, 2018****Period: 1<sup>st</sup> October, 2018****Significant past weather for the preceding bi-weekly of Imphal - West (28<sup>th</sup> to 30<sup>th</sup> September, 2018)**

Observed no rainfall with mainly clear to partly cloudy sky but foggy during morning hours of 29<sup>th</sup> and 30<sup>th</sup> Sept. Maximum temperature recorded ranged from 20.5 to 31.4 °C and minimum of 19.0 to 19.2 °C with mean relative humidity 90.0 % max and 55.0 % min was recorded in the past three days & average wind speed was 2.8 – 3.6 km/ hr.

**Weather forecast for next five days of Senapati (2<sup>nd</sup> to 6<sup>th</sup> October, 2018)**

Likely to have no rain upto Saturday and mainly clear to partly cloudy sky with maximum temp. 29-30 °C & minimum temp. 18-19 °C. Relative humidity may reach upto 98 % (max RH) & 54 % (min RH). The average wind speed may be 2-3 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 for healthy nursery.
- \* Harvest mature crops and sundry properly after harvesting and before storage to attain optimum moisture for storage.
- \* Clean godowns and spray with 1% Malathion on the walls before storage; also ensure that it is well ventilated.
- \* Mulching may be done with paddy straw/ leguminous plants/ Acalypha to conserve soil moisture.
- \* Measures may be taken up to control the population of flies and mosquitoes in and around the sheds of birds and animals and ensure that it is well ventilated as day temp. is high these days.

**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).
		Aphid, mealy bugs	Spray Fipronil @ 2g/15 litres or Imidachloprid 17.8 SL @ 7 ml/ 15 litres of water.
		Plant Hoppers or Thrips	Spray Coragen 3-5 ml per 15 lit of water at the early stage of infestation.
		Sheath blight/ Bakani	Carbendazim @ 30-40g/ 15 lit of water or Hexaconazole @ 15ml/ 15 lit of water.
Soybean/ Groundnut/ Blackgram/ Rice Bean	Maturity to harvesting		Harvest mature crops and sundry for 2-3 days for better threshing. 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.

**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.
Cabbage	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.
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	If the animals are not vaccinated 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.
		Deworming	De-worm with Nilzan/ Tolzan-F @20-30ml for 100 kg body weight.

**Fisheries**

Carp culture	- Provide feed 2-3 times @ 5-10 % body weight per day. 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.
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(I. Meghachandra Singh)  
Nodal Officer, AMFU- Lamphelpat



**MANIPUR AGROMET ADVISORY BULLETIN****District: Tamenglong****Date of issue: 28<sup>th</sup> September, 2018****Period: 1<sup>st</sup> October, 2018****Significant past weather for the preceding bi-weekly of Imphal - West (28<sup>th</sup> to 30<sup>th</sup> September, 2018)**

Observed no rainfall with mainly clear to partly cloudy sky but foggy during morning hours of 29<sup>th</sup> and 30<sup>th</sup> Sept. Maximum temperature recorded ranged from 20.5 to 31.4 °C and minimum of 19.0 to 19.2 °C with mean relative humidity 90.0 % max and 55.0 % min was recorded in the past three days & average wind speed was 2.8 – 3.6 km/ hr.

**Weather forecast for next five days of Tamenglong (2<sup>nd</sup> to 6<sup>th</sup> October, 2018)**

Likely to have no rain upto Saturday and mainly clear to partly cloudy sky with maximum temp. 29-30 °C & minimum temp. 18-19 °C. Relative humidity may reach upto 95 % (max RH) & 48 % (min RH). The average wind speed may be 2-3 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 for healthy nursery.
- \* Harvest mature crops and sundry properly after harvesting and before storage to attain optimum moisture for storage.
- \* Clean godowns and spray with 1% Malathion on the walls before storage; also ensure that it is well ventilated.
- \* Mulching may be done with paddy straw/ leguminous plants/ Acalypha to conserve soil moisture.
- \* Measures may be taken up to control the population of flies and mosquitoes in and around the sheds of birds and animals and ensure that it is well ventilated as day temp. is high these days.

**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).
		Aphid, mealy bugs	Spray Fipronil @ 2g/15 litres or Imidachloprid 17.8 SL @ 7 ml/ 15 litres of water.
		Plant Hoppers or Thrips	Spray Coragen 3-5 ml per 15 lit of water at the early stage of infestation.
		Sheath blight/ Bakani	Carbendazim @ 30-40g/ 15 lit of water or Hexaconazole @ 15ml/ 15 lit of water.
Soybean/ Groundnut/ Blackgram/ Rice Bean	Maturity to harvesting		Harvest mature crops and sundry for 2-3 days for better threshing. 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.

**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, carrot, radish, coriander, potato, 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.
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	If the animals are not vaccinated 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.
		Deworming	De-worm with Nilzan/ Tolzan-F @ 20-30ml for 100 kg body weight.

**Fisheries**

Carp culture	- Provide feed 2-3 times @ 5-10 % body weight per day. 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.
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(I. Meghachandra Singh)  
Nodal Officer, AMFU- Lamphelpat

**MANIPUR AGROMET ADVISORY BULLETIN****District: Thoubal****Date of issue: 28<sup>th</sup> September, 2018****Period: 1<sup>st</sup> October, 2018****Significant past weather for the preceding bi-weekly of Imphal - West (28<sup>th</sup> to 30<sup>th</sup> September, 2018)**

Observed no rainfall with mainly clear to partly cloudy sky but foggy during morning hours of 29<sup>th</sup> and 30<sup>th</sup> Sept. Maximum temperature recorded ranged from 20.5 to 31.4 °C and minimum of 19.0 to 19.2 °C with mean relative humidity 90.0 % max and 55.0 % min was recorded in the past three days & average wind speed was 2.8 – 3.6 km/ hr.

**Weather forecast for next five days of Thoubal (2<sup>nd</sup> to 6<sup>th</sup> October, 2018)**

Likely to have no rain upto Saturday and mainly clear to partly cloudy sky with maximum temp. 32-34 °C & minimum temp. 21-23 °C. Relative humidity may reach upto 98 % (max RH) & 74 % (min RH). The average wind speed may be 2-4 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 for healthy nursery.
- \* Harvest mature crops and sundry properly after harvesting and before storage to attain optimum moisture for storage.
- \* Clean godowns and spray with 1% Malathion on the walls before storage; also ensure that it is well ventilated.
- \* Mulching may be done with paddy straw/ leguminous plants/ Acalypha to conserve soil moisture.
- \* Measures may be taken up to control the population of flies and mosquitoes in and around the sheds of birds and animals and ensure that it is well ventilated as day temp. is high these days.

**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).
		Aphid, mealy bugs	Spray Fipronil @ 2g/15 litres or Imidachloprid 17.8 SL @ 7 ml/ 15 litres of water.
		Plant Hoppers or Thrips	Spray Coragen 3-5 ml per 15 lit of water at the early stage of infestation.
		Sheath blight/ Bakani	Carbendazim @ 30-40g/ 15 lit of water or Hexaconazole @ 15ml/ 15 lit of water.
Soybean/ Groundnut/ Blackgram/ Rice Bean	Maturity to harvesting		Harvest mature crops and sundry for 2-3 days for better threshing. 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.

**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, carrot, radish, coriander, potato, 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.
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	If the animals are not vaccinated 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.
		Deworming	De-worm with Nilzan/ Tolzan-F @ 20-30ml for 100 kg body weight.

**Fisheries**

Carp culture	- Provide feed 2-3 times @ 5-10 % body weight per day. 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.
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(I. Meghachandra Singh)  
Nodal Officer, AMFU- Lamphelpat

**MANIPUR AGROMET ADVISORY BULLETIN****District: Ukhrul****Date of issue: 28<sup>th</sup> September, 2018****Period: 1<sup>st</sup> October, 2018****Significant past weather for the preceding bi-weekly of Imphal - West (28<sup>th</sup> to 30<sup>th</sup> September, 2018)**

Observed no rainfall with mainly clear to partly cloudy sky but foggy during morning hours of 29<sup>th</sup> and 30<sup>th</sup> Sept. Maximum temperature recorded ranged from 20.5 to 31.4 °C and minimum of 19.0 to 19.2 °C with mean relative humidity 90.0 % max and 55.0 % min was recorded in the past three days & average wind speed was 2.8 – 3.6 km/ hr.

**Weather forecast for next five days of Ukhrul (2<sup>nd</sup> to 6<sup>th</sup> October, 2018)**

Likely to have no rain upto Saturday and mainly clear to partly cloudy sky with maximum temp. 29-30 °C & minimum temp. 18-19 °C. Relative humidity may reach upto 96 % (max RH) & 55 % (min RH). The average wind speed may be 3 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 for healthy nursery.
- \* Harvest mature crops and sundry properly after harvesting and before storage to attain optimum moisture for storage.
- \* Clean godowns and spray with 1% Malathion on the walls before storage; also ensure that it is well ventilated.
- \* Mulching may be done with paddy straw/ leguminous plants/ Acalypha to conserve soil moisture.
- \* Measures may be taken up to control the population of flies and mosquitoes in and around the sheds of birds and animals and ensure that it is well ventilated as day temp. is high these days.

**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).
		Aphid, mealy bugs	Spray Fipronil @ 2g/15 litres or Imidachloprid 17.8 SL @ 7 ml/ 15 litres of water.
		Plant Hoppers or Thrips	Spray Coragen 3-5 ml per 15 lit of water at the early stage of infestation.
		Sheath blight/ Bakani	Carbendazim @ 30-40g/ 15 lit of water or Hexaconazole @ 15ml/ 15 lit of water.
Soybean/ Groundnut/ Blackgram/ Rice Bean	Maturity to harvesting		Harvest mature crops and sundry for 2-3 days for better threshing. 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.

**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.
Cabbage	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.
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	If the animals are not vaccinated 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.
		Deworming	De-worm with Nilzan/ Tolzan-F @20-30ml for 100 kg body weight.

**Fisheries**

Carp culture	- Provide feed 2-3 times @ 5-10 % body weight per day. 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.
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(I. Meghachandra Singh)  
Nodal Officer, AMFU- Lamphelpat

**MANIPUR AGROMET ADVISORY BULLETIN****District: Bishnupur****Date of issue: 28<sup>th</sup> September, 2018****Period: 1<sup>st</sup> October, 2018****Significant past weather for the preceding bi-weekly of Imphal - West (28<sup>th</sup> to 30<sup>th</sup> September, 2018)**

Observed no rainfall with mainly clear to partly cloudy sky but foggy during morning hours of 29<sup>th</sup> and 30<sup>th</sup> Sept. Maximum temperature recorded ranged from 20.5 to 31.4 °C and minimum of 19.0 to 19.2 °C with mean relative humidity 90.0 % max and 55.0 % min was recorded in the past three days & average wind speed was 2.8 – 3.6 km/ hr.

**Weather forecast for next five days of Bishnupur (2<sup>nd</sup> to 6<sup>th</sup> October, 2018)**

Likely to have no rain upto Saturday and mainly clear to partly cloudy sky with maximum temp. 33-34 °C & minimum temp. 20-22 °C. Relative humidity may reach upto 98 % (max RH) & 57 % (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 for healthy nursery.
- \* Harvest mature crops and sundry properly after harvesting and before storage to attain optimum moisture for storage.
- \* Clean godowns and spray with 1% Malathion on the walls before storage; also ensure that it is well ventilated.
- \* Mulching may be done with paddy straw/ leguminous plants/ Acalypha to conserve soil moisture.
- \* Measures may be taken up to control the population of flies and mosquitoes in and around the sheds of birds and animals and ensure that it is well ventilated as day temp. is high these days.

**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).
		Aphid, mealy bugs	Spray Fipronil @ 2g/15 litres or Imidachloprid 17.8 SL @ 7 ml/ 15 litres of water.
		Plant Hoppers or Thrips	Spray Coragen 3-5 ml per 15 lit of water at the early stage of infestation.
		Sheath blight/ Bakani	Carbendazim @ 30-40g/ 15 lit of water or Hexaconazole @ 15ml/ 15 lit of water.
Soybean/ Groundnut/ Blackgram/ Rice Bean	Maturity to harvesting		Harvest mature crops and sundry for 2-3 days for better threshing. 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.

**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, carrot, radish, coriander, potato, 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.
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	If the animals are not vaccinated 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.
		Deworming	De-worm with Nilzan/ Tolzan-F @ 20-30ml for 100 kg body weight.

**Fisheries**

Carp culture	- Provide feed 2-3 times @ 5-10 % body weight per day. 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.
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(I. Meghachandra Singh)  
Nodal Officer, AMFU- Lamphelpat



**MANIPUR AGROMET ADVISORY BULLETIN***District: Chandel*Date of issue: 28<sup>th</sup> September, 2018Period: 1<sup>st</sup> October, 2018**Significant past weather for the preceding bi-weekly of Imphal - West (28<sup>th</sup> to 30<sup>th</sup> September, 2018)**

Observed no rainfall with mainly clear to partly cloudy sky but foggy during morning hours of 29<sup>th</sup> and 30<sup>th</sup> Sept. Maximum temperature recorded ranged from 20.5 to 31.4 °C and minimum of 19.0 to 19.2 °C with mean relative humidity 90.0 % max and 55.0 % min was recorded in the past three days & average wind speed was 2.8 – 3.6 km/ hr.

**Weather forecast for next five days of Chandel (2<sup>nd</sup> to 6<sup>th</sup> October, 2018)**

Likely to have no rain upto Saturday and mainly clear to partly cloudy sky with maximum temp. 32-33 °C & minimum temp. 21-23 °C. Relative humidity may reach upto 95 % (max RH) & 64 % (min RH). The average wind speed may be 2-3 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 for healthy nursery.
- \* Harvest mature crops and sundry properly after harvesting and before storage to attain optimum moisture for storage.
- \* Clean godowns and spray with 1% Malathion on the walls before storage; also ensure that it is well ventilated.
- \* Mulching may be done with paddy straw/ leguminous plants/ Acalypha to conserve soil moisture.
- \* Measures may be taken up to control the population of flies and mosquitoes in and around the sheds of birds and animals and ensure that it is well ventilated as day temp. is high these days.

**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).
		Aphid, mealy bugs	Spray Fipronil @ 2g/15 litres or Imidachloprid 17.8 SL @ 7 ml/ 15 litres of water.
		Plant Hoppers or Thrips	Spray Coragen 3-5 ml per 15 lit of water at the early stage of infestation.
		Sheath blight/ Bakani	Carbendazim @ 30-40g/ 15 lit of water or Hexaconazole @ 15ml/ 15 lit of water.
Soybean/ Groundnut/ Blackgram/ Rice Bean	Maturity to harvesting		Harvest mature crops and sundry for 2-3 days for better threshing. 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.

**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, carrot, radish, coriander, potato, 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.
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	If the animals are not vaccinated 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.
		Deworming	De-worm with Nilzan/ Tolzan-F @ 20-30ml for 100 kg body weight.

**Fisheries**

Carp culture	- Provide feed 2-3 times @ 5-10 % body weight per day. 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.
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(I. Meghachandra Singh)  
Nodal Officer, AMFU- Lamphelpat