

**MANIPUR AGROMET ADVISORY BULLETIN**Date of issue: 27th November, 2018**District: Bishnupur****Significant past weather for the preceding bi-weekly of Imphal West (23rd to 26th Nov, 2018)**

Observed no rainfall with shallow fog at foothills during morning hours and mainly clear sky during afternoon hours. Maximum temperature recorded ranged from 24.6 – 25.4 °C and minimum of 6.1 – 6.5 °C with mean relative humidity 83.8 % max and 34.8 % min was recorded in the past two days & average wind speed was 1.1 – 1.8 km/hr.

Weather forecast for Bishnupur (28th Nov to 2nd Dec, 2018)

Likely to have no rains upto Sunday and shallow fog during morning hours during next five days & mainly clear sky with maximum temp. 25 °C & minimum temp. 5 °C. Relative humidity may reach upto 95 % (max) and 41 % (min). The average wind speed may be 2-4 km/hr.

General Advisories:

- * Light watering during morning hours may be done for young plants in nursery plots to avoid the adverse effects of fog/ frost.
- * Light irrigation may be given wherever required to keep the soil moist throughout the vegetative stage. Monitor for insect pest infestation.

Field Crops			
Name of the crop	Stage	Pest and disease	Agro-meteorological advisories
Rapeseed/ mustard	Vegetative		- Thinning may be done where the plant population is high.
Field pea	Vegetative		- Avoid plucking young shoots.
Lentil	Vegetative		- Monitor for soil moisture status.
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. Avoid fungal growth and pest rodent in store.

Horticulture Crops			
Name of the crop	Stage	Pest and disease	Agro-meteorological advisories
Mango	Bearing trees		As the winter is approaching, pruning of dead twigs and branches are very essential followed by manuring and mulching. For bearing trees, about five years old, 425 g, 275 g and 280 g Urea, SSP and MOP respectively along with 8 kg FYM should be applied in the soil near the base of the tree.
Cole Crops	Curd/ head formation to harvesting of mid-season var. and transplanting of late variety		- Keep the soil moist throughout the vegetative stage. - Apply 108kg Urea+563kg SSP+100kg MOP per hectare and 108 kg Urea after a month of transplanting.
		Cut Worm	- If missing, cut or wilted plant is observed then search for larvae in the soil near damaged plant. If 5% or more of the plants have been cut then apply Phorate10G @25kg/ha or Metarrhizium anisopliae @ 5ml/ lit water.
Onion	Nursery raising to land preparation for transplanting		- Transplant 45-60 days old seedlings at a spacing of 10cm x 20cm. - Moist the bed before transplanting. Cover the seedlings only upto the root portion. Slight watering during and evening is very much necessary for at least 7-10 days till the seedlings get established.
Garden pea	Vegetative		- Regularly monitor for soil moisture level in the crop field and insect pest infestation. - Avoid plucking off of young shoots.

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.
		Deworming	Use Ventrimizole @ 1g in 1 litre of drinking water for 3 days.
		Care and Management	Walls of sheds should be covered with polythene sheets/hessian cloths during the night. Litters should be of 4.5 inches thick and stir it at regular interval.
Sheep/ Goat	All age groups	Deworming	- Give Ranizole suspension @ 3ml/ 10 kg body weight.
		Vaccination	Vaccinate against FMD, HS, BQ & Enterotoxaemia, etc.
Pig	All age groups except the young ones	Deworming	Albendazole Plus Avermectin Table 6 mg/adult.
		Skin diseases	Protect from skin disease by using Deltamethrin solution @2ml/lit. Of water and bath with the solution
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	Give Rafoxamide plus Levamisole (Rafox plus)/ Ranizole suspension @ 1ml/ 2kg body weight or 5.5ml/ 10 kg body weight (Ranizole) in lower altitude.
		Care and Management	Sheds must be kept dry. Use bedding materials

Fisheries	
Carp culture	- Maintain water level at a depth of 1.0m to 1.5m. Fish stocking may be done in small scale. Feeds should be provided @ 2-3 % body weight 1-2 times per day. Harvesting of fishes may be done. Select healthy fishes to be stocked as brooder.

**MANIPUR AGROMET ADVISORY BULLETIN**Date of issue: 27th November, 2018*District: Chandel***Significant past weather for the preceding bi-weekly of Imphal West (23rd to 26th Nov, 2018)**

Observed no rainfall with shallow fog at foothills during morning hours and mainly clear sky during afternoon hours. Maximum temperature recorded ranged from 24.6 – 25.4 °C and minimum of 6.1 – 6.5 °C with mean relative humidity 83.8 % max and 34.8 % min was recorded in the past two days & average wind speed was 1.1 – 1.8 km/ hr.

Weather forecast for Chandel (28th Nov to 2nd Dec, 2018)

Likely to have no rains upto Sunday and shallow fog during morning hours during next five days & mainly clear sky with maximum temp. 24 °C & minimum temp. 4 °C. Relative humidity may reach upto 89 % (max) and 41 % (min). The average wind speed may be 3-4 km/hr.

General Advisories:

- * Light watering during morning hours may be done for young plants in nursery plots to avoid the adverse effects of fog/ frost.
- * Light irrigation may be given wherever required to keep the soil moist throughout the vegetative stage. Monitor for insect pest infestation.

Field Crops			
Name of the crop	Stage	Pest and disease	Agro-meteorological advisories
Rapeseed/ mustard	Vegetative		- Thinning may be done where the plant population is high.
Field pea	Vegetative		- Avoid plucking young shoots.
Lentil	Vegetative		- Monitor for soil moisture status.
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. Avoid fungal growth and pest rodent in store.
Horticulture Crops			
Name of the crop	Stage	Pest and disease	Agro-meteorological advisories
Mango	Bearing trees		As the winter is approaching, pruning of dead twigs and branches are very essential followed by manuring and mulching. For bearing trees, about five years old, 425 g, 275 g and 280 g Urea, SSP and MOP respectively along with 8 kg FYM should be applied in the soil near the base of the tree.
Cole Crops	Curd/ head formation to harvesting of mid-season var. and transplanting of late variety		- Keep the soil moist throughout the vegetative stage. - Apply 108kg Urea+563kg SSP+100kg MOP per hectare and 108 kg Urea after a month of transplanting.
		Cut Worm	- If missing, cut or wilted plant is observed then search for larvae in the soil near damaged plant. If 5% or more of the plants have been cut then apply Phorate10G @25kg/ha or Metarrhizium anisopliae @ 5ml/ lit water.
Onion	Nursery raising to land preparation for transplanting		- Transplant 45-60 days old seedlings at a spacing of 10cm x 20cm. - Moist the bed before transplanting. Cover the seedlings only upto the root portion. Slight watering during and evening is very much necessary for at least 7-10 days till the seedlings get established.
Garden pea	Vegetative		- Regularly monitor for soil moisture level in the crop field and insect pest infestation. - Avoid plucking off of young shoots.
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.
		Deworming	Use Ventrimizole @ 1g in 1 litre of drinking water for 3 days.
		Care and Management	Walls of sheds should be covered with polythene sheets/hessian cloths during the night. Litters should be of 4.5 inches thick and stir it at regular interval.
Sheep/ Goat	All age groups	Deworming	- Give Ranizole suspension @ 3ml/ 10 kg body weight.
		Vaccination	Vaccinate against FMD, HS, BQ & Enterotoxaemia, etc.
Pig	All age groups except the young ones	Deworming	Albendazole Plus Avermectin Table 6 mg/adult.
		Skin diseases	Protect from skin disease by using Deltamethrin solution @2ml/lit. Of water and bath with the solution
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	Give Rafoxamide plus Levamizole (Rafox plus)/ Ranizole suspension @ 1ml/ 2kg body weight or 5.5ml/ 10 kg body weight (Ranizole) in lower altitude.
		Care and Management	Sheds must be kept dry. Use bedding materials
Fisheries			
Carp culture	- Maintain water level at a depth of 1.0m to 1.5m. Fish stocking may be done in small scale. Feeds should be provided @ 2-3 % body weight 1-2 times per day. Harvesting of fishes may be done. Select healthy fishes to be stocked as brooder.		

**MANIPUR AGROMET ADVISORY BULLETIN**Date of issue: 27th November, 2018*District: Churachandpur*

Significant past weather for the preceding bi-weekly of Imphal West (23rd to 26th Nov, 2018) Observed no rainfall with shallow fog at foothills during morning hours and mainly clear sky during afternoon hours. Maximum temperature recorded ranged from 24.6 – 25.4 °C and minimum of 6.1 – 6.5 °C with mean relative humidity 83.8 % max and 34.8 % min was recorded in the past two days & average wind speed was 1.1 – 1.8 km/ hr.	Weather forecast for Churachandpur (28th Nov to 2nd Dec, 2018) Likely to have no rains upto Sunday and shallow fog during morning hours during next five days & mainly clear sky with maximum temp. 25 °C & minimum temp. 5 °C. Relative humidity may reach upto 89 % (max) and 36 % (min). The average wind speed may be 3-4 km/hr.
General Advisories: * Light watering during morning hours may be done for young plants in nursery plots to avoid the adverse effects of fog/ frost. * Light irrigation may be given wherever required to keep the soil moist throughout the vegetative stage. Monitor for insect pest infestation.	

Field Crops			
Name of the crop	Stage	Pest and disease	Agro-meteorological advisories
Rapeseed/ mustard	Vegetative		- Thinning may be done where the plant population is high.
Field pea	Vegetative		- Avoid plucking young shoots.
Lentil	Vegetative		- Monitor for soil moisture status.
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. Avoid fungal growth and pest rodent in store.
Horticulture Crops			
Name of the crop	Stage	Pest and disease	Agro-meteorological advisories
Mango	Bearing trees		As the winter is approaching, pruning of dead twigs and branches are very essential followed by manuring and mulching. For bearing trees, about five years old, 425 g, 275 g and 280 g Urea, SSP and MOP respectively along with 8 kg FYM should be applied in the soil near the base of the tree.
Cole Crops	Curd/ head formation to harvesting of mid-season var. and transplanting of late variety		- Keep the soil moist throughout the vegetative stage. - Apply 108kg Urea+563kg SSP+100kg MOP per hectare and 108 kg Urea after a month of transplanting.
		Cut Worm	- If missing, cut or wilted plant is observed then search for larvae in the soil near damaged plant. If 5% or more of the plants have been cut then apply Phorate10G @25kg/ha or Metarrhizium anisopliae @ 5ml/ lit water.
Onion	Nursery raising to land preparation for transplanting		- Transplant 45-60 days old seedlings at a spacing of 10cm x 20cm. - Moist the bed before transplanting. Cover the seedlings only upto the root portion. Slight watering during and evening is very much necessary for at least 7-10 days till the seedlings get established.
Garden pea	Vegetative		- Regularly monitor for soil moisture level in the crop field and insect pest infestation. - Avoid plucking off of young shoots.
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.
		Deworming	Use Ventrimizole @ 1g in 1 litre of drinking water for 3 days.
		Care and Management	Walls of sheds should be covered with polythene sheets/hessian cloths during the night. Litters should be of 4.5 inches thick and stir it at regular interval.
Sheep/ Goat	All age groups	Deworming	- Give Ranizole suspension @ 3ml/ 10 kg body weight.
		Vaccination	Vaccinate against FMD, HS, BQ & Enterotoxaemia, etc.
Pig	All age groups except the young ones	Deworming	Albendazole Plus Avermectin Table 6 mg/adult.
		Skin diseases	Protect from skin disease by using Deltamethrin solution @2ml/lit. Of water and bath with the solution
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	Give Rafoxamide plus Levamizole (Rafox plus)/ Ranizole suspension @ 1ml/ 2kg body weight or 5.5ml/ 10 kg body weight (Ranizole) in lower altitude.
		Care and Management	Sheds must be kept dry. Use bedding materials
Fisheries			
Carp culture	- Maintain water level at a depth of 1.0m to 1.5m. Fish stocking may be done in small scale. Feeds should be provided @ 2-3 % body weight 1-2 times per day. Harvesting of fishes may be done. Select healthy fishes to be stocked as brooder.		

**MANIPUR AGROMET ADVISORY BULLETIN**Date of issue: 27th November, 2018*District: Imphal East*

Significant past weather for the preceding bi-weekly of Imphal West (23rd to 26th Nov, 2018) Observed no rainfall with shallow fog at foothills during morning hours and mainly clear sky during afternoon hours. Maximum temperature recorded ranged from 24.6 – 25.4 °C and minimum of 6.1 – 6.5 °C with mean relative humidity 83.8 % max and 34.8 % min was recorded in the past two days & average wind speed was 1.1 – 1.8 km/hr.	Weather forecast for Imphal East (28th Nov to 2nd Dec, 2018) Likely to have no rains upto Sunday and shallow fog during morning hours during next five days & mainly clear sky with maximum temp. 25 °C & minimum temp. 5 °C. Relative humidity may reach upto 95 % (max) and 39 % (min). The average wind speed may be 2 km/hr.
General Advisories: * Light watering during morning hours may be done for young plants in nursery plots to avoid the adverse effects of fog/ frost. * Light irrigation may be given wherever required to keep the soil moist throughout the vegetative stage. Monitor for insect pest infestation.	

Field Crops			
Name of the crop	Stage	Pest and disease	Agro-meteorological advisories
Rapeseed/ mustard	Vegetative		- Thinning may be done where the plant population is high.
Field pea	Vegetative		- Avoid plucking young shoots.
Lentil	Vegetative		- Monitor for soil moisture status.
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. Avoid fungal growth and pest rodent in store.
Horticulture Crops			
Name of the crop	Stage	Pest and disease	Agro-meteorological advisories
Mango	Bearing trees		As the winter is approaching, pruning of dead twigs and branches are very essential followed by manuring and mulching. For bearing trees, about five years old, 425 g, 275 g and 280 g Urea, SSP and MOP respectively along with 8 kg FYM should be applied in the soil near the base of the tree.
Cole Crops	Curd/ head formation to harvesting of mid-season var. and transplanting of late variety		- Keep the soil moist throughout the vegetative stage. - Apply 108kg Urea+563kg SSP+100kg MOP per hectare and 108 kg Urea after a month of transplanting.
		Cut Worm	- If missing, cut or wilted plant is observed then search for larvae in the soil near damaged plant. If 5% or more of the plants have been cut then apply Phorate10G @25kg/ha or Metarrhizium anisopliae @ 5ml/ lit water.
Onion	Nursery raising to land preparation for transplanting		- Transplant 45-60 days old seedlings at a spacing of 10cm x 20cm. - Moist the bed before transplanting. Cover the seedlings only upto the root portion. Slight watering during and evening is very much necessary for at least 7-10 days till the seedlings get established.
Garden pea	Vegetative		- Regularly monitor for soil moisture level in the crop field and insect pest infestation. - Avoid plucking off of young shoots.
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.
		Deworming	Use Ventrimizole @ 1g in 1 litre of drinking water for 3 days.
		Care and Management	Walls of sheds should be covered with polythene sheets/hessian cloths during the night. Litters should be of 4.5 inches thick and stir it at regular interval.
Sheep/ Goat	All age groups	Deworming	- Give Ranizole suspension @ 3ml/ 10 kg body weight.
		Vaccination	Vaccinate against FMD, HS, BQ & Enterotoxaemia, etc.
Pig	All age groups except the young ones	Deworming	Albendazole Plus Avermectin Table 6 mg/adult.
		Skin diseases	Protect from skin disease by using Deltamethrin solution @2ml/lit. Of water and bath with the solution
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	Give Rafoxamide plus Levamizole (Rafox plus)/ Ranizole suspension @ 1ml/ 2kg body weight or 5.5ml/ 10 kg body weight (Ranizole) in lower altitude.
		Care and Management	Sheds must be kept dry. Use bedding materials
Fisheries			
Carp culture	- Maintain water level at a depth of 1.0m to 1.5m. Fish stocking may be done in small scale. Feeds should be provided @ 2-3 % body weight 1-2 times per day. Harvesting of fishes may be done. Select healthy fishes to be stocked as brooder.		

**MANIPUR AGROMET ADVISORY BULLETIN**Date of issue: 27th November, 2018*District: Imphal West***Significant past weather for the preceding bi-weekly of Imphal West (23rd to 26th Nov, 2018)**

Observed no rainfall with shallow fog at foothills during morning hours and mainly clear sky during afternoon hours. Maximum temperature recorded ranged from 24.6 – 25.4 °C and minimum of 6.1 – 6.5 °C with mean relative humidity 83.8 % max and 34.8 % min was recorded in the past two days & average wind speed was 1.1 – 1.8 km/hr.

Weather forecast for Imphal West (28th Nov to 2nd Dec, 2018)

Likely to have no rains upto Sunday and shallow fog during morning hours during next five days & mainly clear sky with maximum temp. 25 °C & minimum temp. 5 °C. Relative humidity may reach upto 95 % (max) and 38 % (min). The average wind speed may be 4 km/hr.

General Advisories:

- * Light watering during morning hours may be done for young plants in nursery plots to avoid the adverse effects of fog/ frost.
- * Light irrigation may be given wherever required to keep the soil moist throughout the vegetative stage. Monitor for insect pest infestation.

Field Crops			
Name of the crop	Stage	Pest and disease	Agro-meteorological advisories
Rapeseed/ mustard	Vegetative		- Thinning may be done where the plant population is high.
Field pea	Vegetative		- Avoid plucking young shoots.
Lentil	Vegetative		- Monitor for soil moisture status.
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. Avoid fungal growth and pest rodent in store.
Horticulture Crops			
Name of the crop	Stage	Pest and disease	Agro-meteorological advisories
Mango	Bearing trees		As the winter is approaching, pruning of dead twigs and branches are very essential followed by manuring and mulching. For bearing trees, about five years old, 425 g, 275 g and 280 g Urea, SSP and MOP respectively along with 8 kg FYM should be applied in the soil near the base of the tree.
Cole Crops	Curd/ head formation to harvesting of mid-season var. and transplanting of late variety		- Keep the soil moist throughout the vegetative stage. - Apply 108kg Urea+563kg SSP+100kg MOP per hectare and 108 kg Urea after a month of transplanting.
		Cut Worm	- If missing, cut or wilted plant is observed then search for larvae in the soil near damaged plant. If 5% or more of the plants have been cut then apply Phorate10G @25kg/ha or Metarrhizium anisopliae @ 5ml/ lit water.
Onion	Nursery raising to land preparation for transplanting		- Transplant 45-60 days old seedlings at a spacing of 10cm x 20cm. - Moist the bed before transplanting. Cover the seedlings only upto the root portion. Slight watering during and evening is very much necessary for at least 7-10 days till the seedlings get established.
Garden pea	Vegetative		- Regularly monitor for soil moisture level in the crop field and insect pest infestation. - Avoid plucking off of young shoots.
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.
		Deworming	Use Ventrimizole @ 1g in 1 litre of drinking water for 3 days.
		Care and Management	Walls of sheds should be covered with polythene sheets/hessian cloths during the night. Litters should be of 4.5 inches thick and stir it at regular interval.
Sheep/ Goat	All age groups	Deworming	- Give Ranizole suspension @ 3ml/ 10 kg body weight.
		Vaccination	Vaccinate against FMD, HS, BQ & Enterotoxaemia, etc.
Pig	All age groups except the young ones	Deworming	Albendazole Plus Avermectin Table 6 mg/adult.
		Skin diseases	Protect from skin disease by using Deltamethrin solution @2ml/lit. Of water and bath with the solution
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	Give Rafoxamide plus Levamizole (Rafox plus)/ Ranizole suspension @ 1ml/ 2kg body weight or 5.5ml/ 10 kg body weight (Ranizole) in lower altitude.
		Care and Management	Sheds must be kept dry. Use bedding materials
Fisheries			
Carp culture	- Maintain water level at a depth of 1.0m to 1.5m. Fish stocking may be done in small scale. Feeds should be provided @ 2-3 % body weight 1-2 times per day. Harvesting of fishes may be done. Select healthy fishes to be stocked as brooder.		

**MANIPUR AGROMET ADVISORY BULLETIN**Date of issue: 27th November, 2018*District: Senapati***Significant past weather for the preceding bi-weekly of Imphal West (23rd to 26th Nov, 2018)**

Observed no rainfall with shallow fog at foothills during morning hours and mainly clear sky during afternoon hours. Maximum temperature recorded ranged from 24.6 – 25.4 °C and minimum of 6.1 – 6.5 °C with mean relative humidity 83.8 % max and 34.8 % min was recorded in the past two days & average wind speed was 1.1 – 1.8 km/hr.

Weather forecast for Senapati (28th Nov to 2nd Dec, 2018)

Likely to have no rains upto Sunday and shallow fog during morning hours during next five days & mainly clear sky with maximum temp. 21 °C & minimum temp. 2 °C. Relative humidity may reach upto 95 % (max) and 40 % (min). The average wind speed may be 4 km/hr.

General Advisories:

- * Light watering during morning hours may be done for young plants in nursery plots to avoid the adverse effects of fog/ frost.
- * Light irrigation may be given wherever required to keep the soil moist throughout the vegetative stage. Monitor for insect pest infestation.

Field Crops			
Name of the crop	Stage	Pest and disease	Agro-meteorological advisories
Rapeseed/ mustard	Vegetative		- Thinning may be done where the plant population is high.
Field pea	Vegetative		- Avoid plucking young shoots.
Lentil	Vegetative		- Monitor for soil moisture status.
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. Avoid fungal growth and pest rodent in store.
Horticulture Crops			
Name of the crop	Stage	Pest and disease	Agro-meteorological advisories
Mango	Bearing trees		As the winter is approaching, pruning of dead twigs and branches are very essential followed by manuring and mulching. For bearing trees, about five years old, 425 g, 275 g and 280 g Urea, SSP and MOP respectively along with 8 kg FYM should be applied in the soil near the base of the tree.
Cole Crops	Curd/ head formation to harvesting of mid-season var. and transplanting of late variety		- Keep the soil moist throughout the vegetative stage. - Apply 108kg Urea+563kg SSP+100kg MOP per hectare and 108 kg Urea after a month of transplanting.
		Cut Worm	- If missing, cut or wilted plant is observed then search for larvae in the soil near damaged plant. If 5% or more of the plants have been cut then apply Phorate10G @25kg/ha or Metarrhizium anisopliae @ 5ml/ lit water.
Onion	Nursery raising to land preparation for transplanting		- Transplant 45-60 days old seedlings at a spacing of 10cm x 20cm. - Moist the bed before transplanting. Cover the seedlings only upto the root portion. Slight watering during and evening is very much necessary for at least 7-10 days till the seedlings get established.
Garden pea	Vegetative		- Regularly monitor for soil moisture level in the crop field and insect pest infestation. - Avoid plucking off of young shoots.
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.
		Deworming	Use Ventrimizole @ 1g in 1 litre of drinking water for 3 days.
		Care and Management	Walls of sheds should be covered with polythene sheets/hessian cloths during the night. Litters should be of 4.5 inches thick and stir it at regular interval.
Sheep/ Goat	All age groups	Deworming	- Give Ranizole suspension @ 3ml/ 10 kg body weight.
		Vaccination	Vaccinate against FMD, HS, BQ & Enterotoxaemia, etc.
Pig	All age groups except the young ones	Deworming	Albendazole Plus Avermectin Table 6 mg/adult.
		Skin diseases	Protect from skin disease by using Deltamethrin solution @2ml/lit. Of water and bath with the solution
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	Give Rafoxamide plus Levamisole (Rafox plus)/ Ranizole suspension @ 1ml/ 2kg body weight or 5.5ml/ 10 kg body weight (Ranizole) in lower altitude.
		Care and Management	Sheds must be kept dry. Use bedding materials
Fisheries			
Carp culture	- Maintain water level at a depth of 1.0m to 1.5m. Fish stocking may be done in small scale. Feeds should be provided @ 2-3 % body weight 1-2 times per day. Harvesting of fishes may be done. Select healthy fishes to be stocked as brooder.		

**MANIPUR AGROMET ADVISORY BULLETIN**Date of issue: 27th November, 2018**District: Tamenglong**

Significant past weather for the preceding bi-weekly of Imphal West (23rd to 26th Nov, 2018) Observed no rainfall with shallow fog at foothills during morning hours and mainly clear sky during afternoon hours. Maximum temperature recorded ranged from 24.6 – 25.4 °C and minimum of 6.1 – 6.5 °C with mean relative humidity 83.8 % max and 34.8 % min was recorded in the past two days & average wind speed was 1.1 – 1.8 km/hr.	Weather forecast for Tamenglong (28th Nov to 2nd Dec, 2018) Likely to have no rains upto Sunday and shallow fog during morning hours during next five days & mainly clear sky with maximum temp. 25 °C & minimum temp. 5 °C. Relative humidity may reach upto 95 % (max) and 39 % (min). The average wind speed may be 4 km/hr.
General Advisories: * Light watering during morning hours may be done for young plants in nursery plots to avoid the adverse effects of fog/ frost. * Light irrigation may be given wherever required to keep the soil moist throughout the vegetative stage. Monitor for insect pest infestation.	

Field Crops			
Name of the crop	Stage	Pest and disease	Agro-meteorological advisories
Rapeseed/ mustard	Vegetative		- Thinning may be done where the plant population is high.
Field pea	Vegetative		- Avoid plucking young shoots.
Lentil	Vegetative		- Monitor for soil moisture status.
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. Avoid fungal growth and pest rodent in store.
Horticulture Crops			
Name of the crop	Stage	Pest and disease	Agro-meteorological advisories
Mango	Bearing trees		As the winter is approaching, pruning of dead twigs and branches are very essential followed by manuring and mulching. For bearing trees, about five years old, 425 g, 275 g and 280 g Urea, SSP and MOP respectively along with 8 kg FYM should be applied in the soil near the base of the tree.
Cole Crops	Curd/ head formation to harvesting of mid-season var. and transplanting of late variety		- Keep the soil moist throughout the vegetative stage. - Apply 108kg Urea+563kg SSP+100kg MOP per hectare and 108 kg Urea after a month of transplanting.
		Cut Worm	- If missing, cut or wilted plant is observed then search for larvae in the soil near damaged plant. If 5% or more of the plants have been cut then apply Phorate10G @25kg/ha or Metarrhizium anisopliae @ 5ml/ lit water.
Onion	Nursery raising to land preparation for transplanting		- Transplant 45-60 days old seedlings at a spacing of 10cm x 20cm. - Moist the bed before transplanting. Cover the seedlings only upto the root portion. Slight watering during and evening is very much necessary for at least 7-10 days till the seedlings get established.
Garden pea	Vegetative		- Regularly monitor for soil moisture level in the crop field and insect pest infestation. - Avoid plucking off of young shoots.
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.
		Deworming	Use Ventrimizole @ 1g in 1 litre of drinking water for 3 days.
		Care and Management	Walls of sheds should be covered with polythene sheets/hessian cloths during the night. Litters should be of 4.5 inches thick and stir it at regular interval.
Sheep/ Goat	All age groups	Deworming	- Give Ranizole suspension @ 3ml/ 10 kg body weight.
		Vaccination	Vaccinate against FMD, HS, BQ & Enterotoxaemia, etc.
Pig	All age groups except the young ones	Deworming	Albendazole Plus Avermectin Table 6 mg/adult.
		Skin diseases	Protect from skin disease by using Deltamethrin solution @2ml/lit. Of water and bath with the solution
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	Give Rafoxamide plus Levamizole (Rafox plus)/ Ranizole suspension @ 1ml/ 2kg body weight or 5.5ml/ 10 kg body weight (Ranizole) in lower altitude.
		Care and Management	Sheds must be kept dry. Use bedding materials
Fisheries			
Carp culture	- Maintain water level at a depth of 1.0m to 1.5m. Fish stocking may be done in small scale. Feeds should be provided @ 2-3 % body weight 1-2 times per day. Harvesting of fishes may be done. Select healthy fishes to be stocked as brooder.		

**MANIPUR AGROMET ADVISORY BULLETIN**Date of issue: 27th November, 2018*District: Thoubal***Significant past weather for the preceding bi-weekly of Imphal West (23rd to 26th Nov, 2018)**

Observed no rainfall with shallow fog at foothills during morning hours and mainly clear sky during afternoon hours. Maximum temperature recorded ranged from 24.6 – 25.4 °C and minimum of 6.1 – 6.5 °C with mean relative humidity 83.8 % max and 34.8 % min was recorded in the past two days & average wind speed was 1.1 – 1.8 km/hr.

Weather forecast for Thoubal (28th Nov to 2nd Dec, 2018)

Likely to have no rains upto Sunday and shallow fog during morning hours during next five days & mainly clear sky with maximum temp. 25 °C & minimum temp. 5 °C. Relative humidity may reach upto 95 % (max) and 41 % (min). The average wind speed may be 2-4 km/hr.

General Advisories:

- * Light watering during morning hours may be done for young plants in nursery plots to avoid the adverse effects of fog/ frost.
- * Light irrigation may be given wherever required to keep the soil moist throughout the vegetative stage. Monitor for insect pest infestation.

Field Crops			
Name of the crop	Stage	Pest and disease	Agro-meteorological advisories
Rapeseed/ mustard	Vegetative		- Thinning may be done where the plant population is high.
Field pea	Vegetative		- Avoid plucking young shoots.
Lentil	Vegetative		- Monitor for soil moisture status.
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. Avoid fungal growth and pest rodent in store.
Horticulture Crops			
Name of the crop	Stage	Pest and disease	Agro-meteorological advisories
Mango	Bearing trees		As the winter is approaching, pruning of dead twigs and branches are very essential followed by manuring and mulching. For bearing trees, about five years old, 425 g, 275 g and 280 g Urea, SSP and MOP respectively along with 8 kg FYM should be applied in the soil near the base of the tree.
Cole Crops	Curd/ head formation to harvesting of mid-season var. and transplanting of late variety		- Keep the soil moist throughout the vegetative stage. - Apply 108kg Urea+563kg SSP+100kg MOP per hectare and 108 kg Urea after a month of transplanting.
		Cut Worm	- If missing, cut or wilted plant is observed then search for larvae in the soil near damaged plant. If 5% or more of the plants have been cut then apply Phorate10G @25kg/ha or Metarrhizium anisopliae @ 5ml/ lit water.
Onion	Nursery raising to land preparation for transplanting		- Transplant 45-60 days old seedlings at a spacing of 10cm x 20cm. - Moist the bed before transplanting. Cover the seedlings only upto the root portion. Slight watering during and evening is very much necessary for at least 7-10 days till the seedlings get established.
Garden pea	Vegetative		- Regularly monitor for soil moisture level in the crop field and insect pest infestation. - Avoid plucking off of young shoots.
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.
		Deworming	Use Ventrimizole @ 1g in 1 litre of drinking water for 3 days.
		Care and Management	Walls of sheds should be covered with polythene sheets/hessian cloths during the night. Litters should be of 4.5 inches thick and stir it at regular interval.
Sheep/ Goat	All age groups	Deworming	- Give Ranizole suspension @ 3ml/ 10 kg body weight.
		Vaccination	Vaccinate against FMD, HS, BQ & Enterotoxaemia, etc.
Pig	All age groups except the young ones	Deworming	Albendazole Plus Avermectin Table 6 mg/adult.
		Skin diseases	Protect from skin disease by using Deltamethrin solution @2ml/lit. Of water and bath with the solution
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	Give Rafoxamide plus Levamisole (Rafox plus)/ Ranizole suspension @ 1ml/ 2kg body weight or 5.5ml/ 10 kg body weight (Ranizole) in lower altitude.
		Care and Management	Sheds must be kept dry. Use bedding materials
Fisheries			
Carp culture	- Maintain water level at a depth of 1.0m to 1.5m. Fish stocking may be done in small scale. Feeds should be provided @ 2-3 % body weight 1-2 times per day. Harvesting of fishes may be done. Select healthy fishes to be stocked as brooder.		

**MANIPUR AGROMET ADVISORY BULLETIN**Date of issue: 27th November, 2018*District: Ukhrul***Significant past weather for the preceding bi-weekly of Imphal West (23rd to 26th Nov, 2018)**

Observed no rainfall with shallow fog at foothills during morning hours and mainly clear sky during afternoon hours. Maximum temperature recorded ranged from 24.6 – 25.4 °C and minimum of 6.1 – 6.5 °C with mean relative humidity 83.8 % max and 34.8 % min was recorded in the past two days & average wind speed was 1.1 – 1.8 km/ hr.

Weather forecast for Ukhrul (28th Nov to 2nd Dec, 2018)

Likely to have no rains upto Sunday and shallow fog during morning hours during next five days & mainly clear sky with maximum temp. 22 °C & minimum temp. 3 °C. Relative humidity may reach upto 87 % (max) and 39 % (min). The average wind speed may be 4-5 km/hr.

General Advisories:

- * Light watering during morning hours may be done for young plants in nursery plots to avoid the adverse effects of fog/ frost.
- * Light irrigation may be given wherever required to keep the soil moist throughout the vegetative stage. Monitor for insect pest infestation.

Field Crops			
Name of the crop	Stage	Pest and disease	Agro-meteorological advisories
Rapeseed/ mustard	Vegetative		- Thinning may be done where the plant population is high.
Field pea	Vegetative		- Avoid plucking young shoots.
Lentil	Vegetative		- Monitor for soil moisture status.
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. Avoid fungal growth and pest rodent in store.
Horticulture Crops			
Name of the crop	Stage	Pest and disease	Agro-meteorological advisories
Mango	Bearing trees		As the winter is approaching, pruning of dead twigs and branches are very essential followed by manuring and mulching. For bearing trees, about five years old, 425 g, 275 g and 280 g Urea, SSP and MOP respectively along with 8 kg FYM should be applied in the soil near the base of the tree.
Cole Crops	Curd/ head formation to harvesting of mid-season var. and transplanting of late variety		- Keep the soil moist throughout the vegetative stage. - Apply 108kg Urea+563kg SSP+100kg MOP per hectare and 108 kg Urea after a month of transplanting.
		Cut Worm	- If missing, cut or wilted plant is observed then search for larvae in the soil near damaged plant. If 5% or more of the plants have been cut then apply Phorate10G @25kg/ha or Metarrhizium anisopliae @ 5ml/ lit water.
Onion	Nursery raising to land preparation for transplanting		- Transplant 45-60 days old seedlings at a spacing of 10cm x 20cm. - Moist the bed before transplanting. Cover the seedlings only upto the root portion. Slight watering during and evening is very much necessary for at least 7-10 days till the seedlings get established.
Garden pea	Vegetative		- Regularly monitor for soil moisture level in the crop field and insect pest infestation. - Avoid plucking off of young shoots.
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.
		Deworming	Use Ventrimizole @ 1g in 1 litre of drinking water for 3 days.
		Care and Management	Walls of sheds should be covered with polythene sheets/hessian cloths during the night. Litters should be of 4.5 inches thick and stir it at regular interval.
Sheep/ Goat	All age groups	Deworming	- Give Ranizole suspension @ 3ml/ 10 kg body weight.
		Vaccination	Vaccinate against FMD, HS, BQ & Enterotoxaemia, etc.
Pig	All age groups except the young ones	Deworming	Albendazole Plus Avermectin Table 6 mg/adult.
		Skin diseases	Protect from skin disease by using Deltamethrin solution @2ml/lit. Of water and bath with the solution
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	Give Rafoxamide plus Levamisole (Rafox plus)/ Ranizole suspension @ 1ml/ 2kg body weight or 5.5ml/ 10 kg body weight (Ranizole) in lower altitude.
		Care and Management	Sheds must be kept dry. Use bedding materials
Fisheries			
Carp culture	- Maintain water level at a depth of 1.0m to 1.5m. Fish stocking may be done in small scale. Feeds should be provided @ 2-3 % body weight 1-2 times per day. Harvesting of fishes may be done. Select healthy fishes to be stocked as brooder.		