

**MANIPUR AGROMET ADVISORY BULLETIN**Date of issue: 20th November, 2018

District: Bishnupur

Significant past weather for the preceding bi-weekly of Imphal West (16th to 19th Nov, 2018) Observed no rainfall with shallow fog during morning hours except on 18 th morning with cloudy sky and mainly clear to partly cloudy sky during afternoon hours. Maximum temperature recorded ranged from 24.6 – 25.4 °C and minimum of 7.0 – 11.6 °C with mean relative humidity 87.3 % max and 44.8 % min was recorded in the past three days & average wind speed was 1.4 – 2.2 km/hr.	Weather forecast for next five days of Bishnupur (21st to 25th Nov, 2018) Likely to have no rains upto Sunday and shallow to moderate fog during morning hours in next 2 days & mainly clear to partly cloudy sky with maximum temp. 23-25 °C & minimum temp. 7-9 °C. Relative humidity may reach upto 85 % (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.	

Field Crops			
Name of the crop	Stage	Pest and disease	Agro-meteorological advisories
Rapeseed/ mustard	Sowing to early vegetative		- Keep the soil moist throughout the vegetative stage. Monitor for insect pest infestation.
Field pea	Sowing to early vegetative		- Land preparation may be done. Sowing may be done at a spacing of 30cm X 10cm. Seed rate is 80 kg/ hectare. Treat seeds with Dichlorovos/ Carbendazim@ 2g/ kg seeds.
Lentil	Sowing		- Apply 22kg Urea + 250 kg SSP + 67 kg MOP per hectare at the time of sowing and 22kg of Urea after one month of sowing. Seed rate is 40kg/ha.
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. Avoid fungal growth and pest rodent in store.
Horticulture Crops			
Name of the crop	Stage	Pest and disease	Agro-meteorological advisories
Garden pea	Vegetative		- Regularly monitor for soil moisture level in the crop field and insect pest infestation. - Avoid plucking off of young shoots.
Cole Crops	Curd/ head formation to harvesting of mid-season var. and transplanting of late variety		- Keep the soil moist throughout the vegetative stage. Monitor for insect pest infestation. - Transplanting of late variety of cole crops may be done at a spacing of row to row 45-60 cm and plant to plant 45cm. - Apply 108kg Urea+563kg SSP+100kg MOP per hectare and 108 kg Urea after a month of transplanting.
Onion	Nursery raising to land preparation for transplanting		- Apply Sixer during final land preparation of nursery plot as preventive measures against soil borne diseases. For 25 sq. m area, we need ½ kg seeds. Treat seeds with T. harzianum. Check that the new sprouts/ young plants in nursery beds are not damaged. - Prepare land for transplanting 45-60 days old seedlings at a spacing of 10cm x 20cm.
Garlic	Planting		- Garlic bulblets may be planted. - Monitor for water requirement in the field.
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 @ 3 % body weight per day. Harvesting of fishes may be done. Select disease free fishes to be stocked as brooder.

(I. Meghachandra Singh)
Nodal Officer, GKMS

**MANIPUR AGROMET ADVISORY BULLETIN**Date of issue: 20th November, 2018

District: Chandel

Significant past weather for the preceding bi-weekly of Imphal West (16th to 19th Nov, 2018) Observed no rainfall with shallow fog during morning hours except on 18 th morning with cloudy sky and mainly clear to partly cloudy sky during afternoon hours. Maximum temperature recorded ranged from 24.6 – 25.4 °C and minimum of 7.0 – 11.6 °C with mean relative humidity 87.3 % max and 44.8 % min was recorded in the past three days & average wind speed was 1.4 – 2.2 km/ hr.	Weather forecast for next five days of Chandel (21st to 25th Nov, 2018) Likely to have no rains upto Sunday and shallow to moderate fog during morning hours in next 2 days & mainly clear to partly cloudy sky with maximum temp. 22-24 °C & minimum temp. 7-9 °C. Relative humidity may reach upto 85 % (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.	

Field Crops			
Name of the crop	Stage	Pest and disease	Agro-meteorological advisories
Rapeseed/ mustard	Sowing to early vegetative		- Keep the soil moist throughout the vegetative stage. Monitor for insect pest infestation.
Field pea	Sowing to early vegetative		- Land preparation may be done. Sowing may be done at a spacing of 30cm X 10cm. Seed rate is 80 kg/ hectare. Treat seeds with Dichlorovos/ Carbendazim@ 2g/ kg seeds.
Lentil	Sowing		- Apply 22kg Urea + 250 kg SSP + 67 kg MOP per hectare at the time of sowing and 22kg of Urea after one month of sowing. Seed rate is 40kg/ha.
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. Avoid fungal growth and pest rodent in store.
Horticulture Crops			
Name of the crop	Stage	Pest and disease	Agro-meteorological advisories
Garden pea	Vegetative		- Regularly monitor for soil moisture level in the crop field and insect pest infestation. - Avoid plucking off of young shoots.
Cole Crops	Curd/ head formation to harvesting of mid-season var. and transplanting of late variety		- Keep the soil moist throughout the vegetative stage. Monitor for insect pest infestation. - Transplanting of late variety of cole crops may be done at a spacing of row to row 45-60 cm and plant to plant 45cm. - Apply 108kg Urea+563kg SSP+100kg MOP per hectare and 108 kg Urea after a month of transplanting.
Onion	Nursery raising to land preparation for transplanting		- Apply Sixer during final land preparation of nursery plot as preventive measures against soil borne diseases. For 25 sq. m area, we need ½ kg seeds. Treat seeds with T. harzianum. Check that the new sprouts/ young plants in nursery beds are not damaged. - Prepare land for transplanting 45-60 days old seedlings at a spacing of 10cm x 20cm.
Garlic	Planting		- Garlic bulblets may be planted. - Monitor for water requirement in the field.
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 @ 3 % body weight per day. Harvesting of fishes may be done. Select disease free fishes to be stocked as brooder.

(I. Meghachandra Singh)
Nodal Officer, GKMS



MANIPUR AGROMET ADVISORY BULLETIN

Date of issue: 20th November, 2018

District: Churachandpur

<p>Significant past weather for the preceding bi-weekly of Imphal West (16th to 19th Nov, 2018) Observed no rainfall with shallow fog during morning hours except on 18th morning with cloudy sky and mainly clear to partly cloudy sky during afternoon hours. Maximum temperature recorded ranged from 24.6 – 25.4 °C and minimum of 7.0 – 11.6 °C with mean relative humidity 87.3 % max and 44.8 % min was recorded in the past four days & average wind speed was 1.4 – 2.2 km/hr.</p>	<p>Weather forecast for next five days of Churachandpur (21st to 25th Nov, 2018) Likely to have no rains upto Sunday and shallow to moderate fog during morning hours in next 2 days & mainly clear to partly cloudy sky with maximum temp. 24-25 °C & minimum temp. 8-10 °C. Relative humidity may reach upto 95 % (max) and 38 % (min). The average wind speed may be 3-4 km/hr.</p>
<p>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.</p>	

Field Crops			
Name of the crop	Stage	Pest and disease	Agro-meteorological advisories
Rapeseed/ mustard	Sowing to early vegetative		- Keep the soil moist throughout the vegetative stage. Monitor for insect pest infestation.
Field pea	Sowing to early vegetative		- Land preparation may be done. Sowing may be done at a spacing of 30cm X 10cm. Seed rate is 80 kg/ hectare. Treat seeds with Dichlorovos/ Carbendazim@ 2g/ kg seeds.
Lentil	Sowing		- Apply 22kg Urea + 250 kg SSP + 67 kg MOP per hectare at the time of sowing and 22kg of Urea after one month of sowing. Seed rate is 40kg/ha.
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. Avoid fungal growth and pest rodent in store.

Horticulture Crops			
Name of the crop	Stage	Pest and disease	Agro-meteorological advisories
Garden pea	Vegetative		- Regularly monitor for soil moisture level in the crop field and insect pest infestation. - Avoid plucking off of young shoots.
Cole Crops	Curd/ head formation to harvesting of mid-season var. and transplanting of late variety		- Keep the soil moist throughout the vegetative stage. Monitor for insect pest infestation. - Transplanting of late variety of cole crops may be done at a spacing of row to row 45-60 cm and plant to plant 45cm. - Apply 108kg Urea+563kg SSP+100kg MOP per hectare and 108 kg Urea after a month of transplanting.
Onion	Nursery raising to land preparation for transplanting		- Apply Sixer during final land preparation of nursery plot as preventive measures against soil borne diseases. For 25 sq. m area, we need ½ kg seeds. Treat seeds with T. harzianum. Check that the new sprouts/ young plants in nursery beds are not damaged. - Prepare land for transplanting 45-60 days old seedlings at a spacing of 10cm x 20cm.
Garlic	Planting		- Garlic bulblets may be planted. - Monitor for water requirement in the field.

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 @ 3 % body weight per day. Harvesting of fishes may be done. Select disease free fishes to be stocked as brooder.

**MANIPUR AGROMET ADVISORY BULLETIN**Date of issue: 20th November, 2018

District: Imphal East

Significant past weather for the preceding bi-weekly of Imphal West (16th to 19th Nov, 2018) Observed no rainfall with shallow fog during morning hours except on 18 th morning with cloudy sky and mainly clear to partly cloudy sky during afternoon hours. Maximum temperature recorded ranged from 24.6 – 25.4 °C and minimum of 7.0 – 11.6 °C with mean relative humidity 87.3 % max and 44.8 % min was recorded in the past three days & average wind speed was 1.4 – 2.2 km/hr.	Weather forecast for next five days of Imphal East (21st to 25th Nov, 2018) Likely to have no rains upto Sunday and shallow to moderate fog during morning hours in next 2 days & mainly clear to partly cloudy sky with maximum temp. 24-25 °C & minimum temp. 8-9 °C. Relative humidity may reach upto 85 % (max) and 36 % (min). The average wind speed may be 4-6 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.	

Field Crops			
Name of the crop	Stage	Pest and disease	Agro-meteorological advisories
Rapeseed/ mustard	Sowing to early vegetative		- Keep the soil moist throughout the vegetative stage. Monitor for insect pest infestation.
Field pea	Sowing to early vegetative		- Land preparation may be done. Sowing may be done at a spacing of 30cm X 10cm. Seed rate is 80 kg/ hectare. Treat seeds with Dichlorovos/ Carbendazim@ 2g/ kg seeds.
Lentil	Sowing		- Apply 22kg Urea + 250 kg SSP + 67 kg MOP per hectare at the time of sowing and 22kg of Urea after one month of sowing. Seed rate is 40kg/ha.
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. Avoid fungal growth and pest rodent in store.

Horticulture Crops			
Name of the crop	Stage	Pest and disease	Agro-meteorological advisories
Garden pea	Vegetative		- Regularly monitor for soil moisture level in the crop field and insect pest infestation. - Avoid plucking off of young shoots.
Cole Crops	Curd/ head formation to harvesting of mid-season var. and transplanting of late variety		- Keep the soil moist throughout the vegetative stage. Monitor for insect pest infestation. - Transplanting of late variety of cole crops may be done at a spacing of row to row 45-60 cm and plant to plant 45cm. - Apply 108kg Urea+563kg SSP+100kg MOP per hectare and 108 kg Urea after a month of transplanting.
Onion	Nursery raising to land preparation for transplanting		- Apply Sixer during final land preparation of nursery plot as preventive measures against soil borne diseases. For 25 sq. m area, we need ½ kg seeds. Treat seeds with T. harzianum. Check that the new sprouts/ young plants in nursery beds are not damaged. - Prepare land for transplanting 45-60 days old seedlings at a spacing of 10cm x 20cm.
Garlic	Planting		- Garlic bulblets may be planted. - Monitor for water requirement in the field.

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 @ 3 % body weight per day. Harvesting of fishes may be done. Select disease free fishes to be stocked as brooder.

(I. Meghachandra Singh)
Nodal Officer, GKMS

**MANIPUR AGROMET ADVISORY BULLETIN**Date of issue: 20th November, 2018

District: Imphal West

Significant past weather for the preceding bi-weekly of Imphal West (16th to 19th Nov, 2018) Observed no rainfall with shallow fog during morning hours except on 18 th morning with cloudy sky and mainly clear to partly cloudy sky during afternoon hours. Maximum temperature recorded ranged from 24.6 – 25.4 °C and minimum of 7.0 – 11.6 °C with mean relative humidity 87.3 % max and 44.8 % min was recorded in the past three days & average wind speed was 1.4 – 2.2 km/ hr.	Weather forecast for next five days of Imphal West (21st to 25th Nov, 2018) Likely to have no rains upto Sunday and shallow to moderate fog during morning hours in next 2 days & mainly clear to partly cloudy sky with maximum temp. 23-25 °C & minimum temp. 7-8 °C. Relative humidity may reach upto 86 % (max) and 38 % (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.	

Field Crops			
Name of the crop	Stage	Pest and disease	Agro-meteorological advisories
Rapeseed/ mustard	Sowing to early vegetative		- Keep the soil moist throughout the vegetative stage. Monitor for insect pest infestation.
Field pea	Sowing to early vegetative		- Land preparation may be done. Sowing may be done at a spacing of 30cm X 10cm. Seed rate is 80 kg/ hectare. Treat seeds with Dichlorovos/ Carbendazim@ 2g/ kg seeds.
Lentil	Sowing		- Apply 22kg Urea + 250 kg SSP + 67 kg MOP per hectare at the time of sowing and 22kg of Urea after one month of sowing. Seed rate is 40kg/ha.
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. Avoid fungal growth and pest rodent in store.

Horticulture Crops			
Name of the crop	Stage	Pest and disease	Agro-meteorological advisories
Garden pea	Vegetative		- Regularly monitor for soil moisture level in the crop field and insect pest infestation. - Avoid plucking off of young shoots.
Cole Crops	Curd/ head formation to harvesting of mid-season var. and transplanting of late variety		- Keep the soil moist throughout the vegetative stage. Monitor for insect pest infestation. - Transplanting of late variety of cole crops may be done at a spacing of row to row 45-60 cm and plant to plant 45cm. - Apply 108kg Urea+563kg SSP+100kg MOP per hectare and 108 kg Urea after a month of transplanting.
Onion	Nursery raising to land preparation for transplanting		- Apply Sixer during final land preparation of nursery plot as preventive measures against soil borne diseases. For 25 sq. m area, we need ½ kg seeds. Treat seeds with T. harzianum. Check that the new sprouts/ young plants in nursery beds are not damaged. - Prepare land for transplanting 45-60 days old seedlings at a spacing of 10cm x 20cm.
Garlic	Planting		- Garlic bulblets may be planted. - Monitor for water requirement in the field.

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 @ 3 % body weight per day. Harvesting of fishes may be done. Select disease free fishes to be stocked as brooder.

(I. Meghachandra Singh)
Nodal Officer, GKMS

**MANIPUR AGROMET ADVISORY BULLETIN**Date of issue: 20th November, 2018District: *Senapati*

Significant past weather for the preceding bi-weekly of Imphal West (16th to 19th Nov, 2018) Observed no rainfall with shallow fog during morning hours except on 18 th morning with cloudy sky and mainly clear to partly cloudy sky during afternoon hours. Maximum temperature recorded ranged from 24.6 – 25.4 °C and minimum of 7.0 – 11.6 °C with mean relative humidity 87.3 % max and 44.8 % min was recorded in the past four days & average wind speed was 1.4 – 2.2 km/hr.	Weather forecast for next five days of Senapati (21st to 25th Nov, 2018) Likely to have no rains upto Sunday and shallow to moderate fog during morning hours in next 2 days & mainly clear to partly cloudy sky with maximum temp. 21-23 °C & minimum temp. 5-7 °C. Relative humidity may reach upto 85 % (max) and 34 % (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.	

Field Crops			
Name of the crop	Stage	Pest and disease	Agro-meteorological advisories
Rapeseed/ mustard	Sowing to early vegetative		- Keep the soil moist throughout the vegetative stage. Monitor for insect pest infestation.
Field pea	Sowing to early vegetative		- Land preparation may be done. Sowing may be done at a spacing of 30cm X 10cm. Seed rate is 80 kg/ hectare. Treat seeds with Dichlorovos/ Carbendazim@ 2g/ kg seeds.
Lentil	Sowing		- Apply 22kg Urea + 250 kg SSP + 67 kg MOP per hectare at the time of sowing and 22kg of Urea after one month of sowing. Seed rate is 40kg/ha.
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. Avoid fungal growth and pest rodent in store.
Horticulture Crops			
Name of the crop	Stage	Pest and disease	Agro-meteorological advisories
Garden pea	Vegetative		- Regularly monitor for soil moisture level in the crop field and insect pest infestation. - Avoid plucking off of young shoots.
Cole Crops	Curd/ head formation to harvesting of mid-season var. and transplanting of late variety		- Keep the soil moist throughout the vegetative stage. Monitor for insect pest infestation. - Transplanting of late variety of cole crops may be done at a spacing of row to row 45-60 cm and plant to plant 45cm. - Apply 108kg Urea+563kg SSP+100kg MOP per hectare and 108 kg Urea after a month of transplanting.
Onion	Nursery raising to land preparation for transplanting		- Apply Sixer during final land preparation of nursery plot as preventive measures against soil borne diseases. For 25 sq. m area, we need ½ kg seeds. Treat seeds with T. harzianum. Check that the new sprouts/ young plants in nursery beds are not damaged. - Prepare land for transplanting 45-60 days old seedlings at a spacing of 10cm x 20cm.
Garlic	Planting		- Garlic bulblets may be planted. - Monitor for water requirement in the field.
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 @ 3 % body weight per day. Harvesting of fishes may be done. Select disease free fishes to be stocked as brooder.

(I. Meghachandra Singh)
Nodal Officer, GKMS

**MANIPUR AGROMET ADVISORY BULLETIN**Date of issue: 20th November, 2018

District: Tamenglong

Significant past weather for the preceding bi-weekly of Imphal West (16th to 19th Nov, 2018) Observed no rainfall with shallow fog during morning hours except on 18 th morning with cloudy sky and mainly clear to partly cloudy sky during afternoon hours. Maximum temperature recorded ranged from 24.6 – 25.4 °C and minimum of 7.0 – 11.6 °C with mean relative humidity 87.3 % max and 44.8 % min was recorded in the past four days & average wind speed was 1.4 – 2.2 km/ hr.	Weather forecast for next five days of Tamenglong (21st to 25th Nov, 2018) Likely to have no rains upto Sunday and shallow to moderate fog during morning hours in next 2 days & mainly clear to partly cloudy sky with maximum temp. 24-25 °C & minimum temp. 8-10 °C. Relative humidity may reach upto 85 % (max) and 36 % (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.	

Field Crops			
Name of the crop	Stage	Pest and disease	Agro-meteorological advisories
Rapeseed/ mustard	Sowing to early vegetative		- Keep the soil moist throughout the vegetative stage. Monitor for insect pest infestation.
Field pea	Sowing to early vegetative		- Land preparation may be done. Sowing may be done at a spacing of 30cm X 10cm. Seed rate is 80 kg/ hectare. Treat seeds with Dichlorovos/ Carbendazim @ 2g/ kg seeds.
Lentil	Sowing		- Apply 22kg Urea + 250 kg SSP + 67 kg MOP per hectare at the time of sowing and 22kg of Urea after one month of sowing. Seed rate is 40kg/ha.
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. Avoid fungal growth and pest rodent in store.
Horticulture Crops			
Name of the crop	Stage	Pest and disease	Agro-meteorological advisories
Garden pea	Vegetative		- Regularly monitor for soil moisture level in the crop field and insect pest infestation. - Avoid plucking off of young shoots.
Cole Crops	Curd/ head formation to harvesting of mid-season var. and transplanting of late variety		- Keep the soil moist throughout the vegetative stage. Monitor for insect pest infestation. - Transplanting of late variety of cole crops may be done at a spacing of row to row 45-60 cm and plant to plant 45cm. - Apply 108kg Urea+563kg SSP+100kg MOP per hectare and 108 kg Urea after a month of transplanting.
Onion	Nursery raising to land preparation for transplanting		- Apply Sixer during final land preparation of nursery plot as preventive measures against soil borne diseases. For 25 sq. m area, we need ½ kg seeds. Treat seeds with T. harzianum. Check that the new sprouts/ young plants in nursery beds are not damaged. - Prepare land for transplanting 45-60 days old seedlings at a spacing of 10cm x 20cm.
Garlic	Planting		- Garlic bulblets may be planted. - Monitor for water requirement in the field.
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 @ 3 % body weight per day. Harvesting of fishes may be done. Select disease free fishes to be stocked as brooder.

(I. Meghachandra Singh)
Nodal Officer, GKMS

**MANIPUR AGROMET ADVISORY BULLETIN**Date of issue: 20th November, 2018**District: Thoubal**

Significant past weather for the preceding bi-weekly of Imphal West (16th to 19th Nov, 2018) Observed no rainfall with shallow fog during morning hours except on 18 th morning with cloudy sky and mainly clear to partly cloudy sky during afternoon hours. Maximum temperature recorded ranged from 24.6 – 25.4 °C and minimum of 7.0 – 11.6 °C with mean relative humidity 87.3 % max and 44.8 % min was recorded in the past three days & average wind speed was 1.4 – 2.2 km/hr.	Weather forecast for next five days of Thoubal (21st to 25th Nov, 2018) Likely to have no rains upto Sunday and shallow to moderate fog during morning hours in next 2 days & mainly clear to partly cloudy sky with maximum temp. 24-25 °C & minimum temp. 7-9 °C. Relative humidity may reach upto 96 % (max) and 50 % (min). The average wind speed may be 3-5 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.	

Field Crops			
Name of the crop	Stage	Pest and disease	Agro-meteorological advisories
Rapeseed/ mustard	Sowing to early vegetative		- Keep the soil moist throughout the vegetative stage. Monitor for insect pest infestation.
Field pea	Sowing to early vegetative		- Land preparation may be done. Sowing may be done at a spacing of 30cm X 10cm. Seed rate is 80 kg/ hectare. Treat seeds with Dichlorovos/ Carbendazim@ 2g/ kg seeds.
Lentil	Sowing		- Apply 22kg Urea + 250 kg SSP + 67 kg MOP per hectare at the time of sowing and 22kg of Urea after one month of sowing. Seed rate is 40kg/ha.
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. Avoid fungal growth and pest rodent in store.

Horticulture Crops			
Name of the crop	Stage	Pest and disease	Agro-meteorological advisories
Garden pea	Vegetative		- Regularly monitor for soil moisture level in the crop field and insect pest infestation. - Avoid plucking off of young shoots.
Cole Crops	Curd/ head formation to harvesting of mid-season var. and transplanting of late variety		- Keep the soil moist throughout the vegetative stage. Monitor for insect pest infestation. - Transplanting of late variety of cole crops may be done at a spacing of row to row 45-60 cm and plant to plant 45cm. - Apply 108kg Urea+563kg SSP+100kg MOP per hectare and 108 kg Urea after a month of transplanting.
Onion	Nursery raising to land preparation for transplanting		- Apply Sixer during final land preparation of nursery plot as preventive measures against soil borne diseases. For 25 sq. m area, we need ½ kg seeds. Treat seeds with T. harzianum. Check that the new sprouts/ young plants in nursery beds are not damaged. - Prepare land for transplanting 45-60 days old seedlings at a spacing of 10cm x 20cm.
Garlic	Planting		- Garlic bulblets may be planted. - Monitor for water requirement in the field.

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 @ 3 % body weight per day. Harvesting of fishes may be done. Select disease free fishes to be stocked as brooder.

(I. Meghachandra Singh)
Nodal Officer, GKMS

**MANIPUR AGROMET ADVISORY BULLETIN**Date of issue: 20th November, 2018

District: Ukhrul

Significant past weather for the preceding bi-weekly of Imphal West (16th to 19th Nov, 2018) Observed no rainfall with shallow fog during morning hours except on 18 th morning with cloudy sky and mainly clear to partly cloudy sky during afternoon hours. Maximum temperature recorded ranged from 24.6 – 25.4 °C and minimum of 7.0 – 11.6 °C with mean relative humidity 87.3 % max and 44.8 % min was recorded in the past four days & average wind speed was 1.4 – 2.2 km/hr.	Weather forecast for next five days of Ukhrul (21st to 25th Nov, 2018) Likely to have no rains upto Sunday and shallow to moderate fog during morning hours in next 2 days & mainly clear to partly cloudy sky with maximum temp. 22-23 °C & minimum temp. 5-7 °C. Relative humidity may reach upto 85 % (max) and 37 % (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.	

Field Crops			
Name of the crop	Stage	Pest and disease	Agro-meteorological advisories
Rapeseed/ mustard	Sowing to early vegetative		- Keep the soil moist throughout the vegetative stage. Monitor for insect pest infestation.
Field pea	Sowing to early vegetative		- Land preparation may be done. Sowing may be done at a spacing of 30cm X 10cm. Seed rate is 80 kg/ hectare. Treat seeds with Dichlorovos/ Carbendazim@ 2g/ kg seeds.
Lentil	Sowing		- Apply 22kg Urea + 250 kg SSP + 67 kg MOP per hectare at the time of sowing and 22kg of Urea after one month of sowing. Seed rate is 40kg/ha.
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. Avoid fungal growth and pest rodent in store.
Horticulture Crops			
Name of the crop	Stage	Pest and disease	Agro-meteorological advisories
Garden pea	Vegetative		- Regularly monitor for soil moisture level in the crop field and insect pest infestation. - Avoid plucking off of young shoots.
Cole Crops	Curd/ head formation to harvesting of mid-season var. and transplanting of late variety		- Keep the soil moist throughout the vegetative stage. Monitor for insect pest infestation. - Transplanting of late variety of cole crops may be done at a spacing of row to row 45-60 cm and plant to plant 45cm. - Apply 108kg Urea+563kg SSP+100kg MOP per hectare and 108 kg Urea after a month of transplanting.
Onion	Nursery raising to land preparation for transplanting		- Apply Sixer during final land preparation of nursery plot as preventive measures against soil borne diseases. For 25 sq. m area, we need ½ kg seeds. Treat seeds with T. harzianum. Check that the new sprouts/ young plants in nursery beds are not damaged. - Prepare land for transplanting 45-60 days old seedlings at a spacing of 10cm x 20cm.
Garlic	Planting		- Garlic bulblets may be planted. - Monitor for water requirement in the field.
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 @ 3 % body weight per day. Harvesting of fishes may be done. Select disease free fishes to be stocked as brooder.

(I. Meghachandra Singh)
Nodal Officer, GKMS