

Phone: 2414654, 2414260, 2414749 ; Fax : (0385) 2414654, 2414749 E-ma

ICAR Research Complex for N.E.H. Region

E-mail: agromet_mnp@yahoo.co.uk

Date of issue: 27th November, 2018

Manipur Centre, Lamphelpat, Imphal - 795 004

"Gramin Krishi Mausam Seva"



MANIPUR AGROMET ADVISORY BULLETIN

District: Bishnupur

Significant past weather for the preceding bi-weekly of Imphal West (23 rd to 26 th Nov,	Weather forecast for Bishnupur (28 th Nov to 2 nd Dec, 2018)
<u>2018)</u>	
Observed no rainfall with shallow fog at foothills during morning hours and mainly clear	Likely to have no rains upto Sunday and shallow fog during morning hours during
sky during afternoon hours. Maximum temperature recorded ranged from 24.6 - 25.4 °C	next five days & mainly clear sky with maximum temp. 25 °C & minimum temp.
and minimum of 6.1 - 6.5 °C with mean relative humidity 83.8 % max and 34.8 % min	5 °C. Relative humidity may reach upto 95 % (max) and 41 % (min). The average
was recorded in the past two days & average wind speed was $1.1 - 1.8$ km/ hr.	wind speed may be 2-4 km/hr.
General Advisories:	

General Advisories: * Light watering during morning hours may be done for young plants in nursery plots to avoid the adverse effects of fog/ frost.

Field Crops						
Name of the crop	Stage		Pest and dis	sease	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	Post-harvest			 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 dis	sease	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	harvesting of mid-sea	rrd/ head formation to rvesting of mid-season r. and transplanting of te variety Cut			 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. 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 lar preparation for transplanting	nd			 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/ anagement		Agro-meteorological advisories	
Poultry (Chicken/	All age groups	Coco	cidiosis	Give	Coccimar @ 2g/litre of drinking water for 5-7 days along with glucose.	
Duck)		Dew	orming	Use V	Ventrimizole @ 1g in 1 litre of drinking water for 3 days.	
			e and agement	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		orming		re Ranizole suspension @ 3ml/ 10 kg body weight.	
			cination		inate against FMD, HS, BQ & Enterotoxaemia, etc.	
Pig	All age groups except	Dew	orming	Albe	ndazole Plus Avermectin Table 6 mg/adult.	
	the young ones	Skin			ect from skin disease by using Deltamethrin solution @2ml/lit. Of water and bath with the ion	
Cattle	All age groups	Vaco	accination Va		inate against B.Q., F.M.D. & H.S. if not yet vaccinated.	
excepts the young Tick U			Use Butox liquid @ 2ml/ litre water twice a week while brushing animals.			
				Rafoxamide plus Levamizole (Rafox plus)/ Ranizole suspension @ 1ml/ 2kg body weight 5ml/ 10 kg body weight (Ranizole) in lower altitude.		
			Care and Management		s must be kept dry. bedding materials	
Fisheries			÷			
Carp culture					Fish stocking may be done in small scale. Feeds should be provided @ 2-3 % body weight ne. Select healthy fishes to be stocked as brooder.	



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ICAR Research Complex for N.E.H. Region

Manipur Centre, Lamphelpat, Imphal - 795 004

"Gramin Krishi Mausam Seva"



MANIPUR AGROMET ADVISORY BULLETIN

District: Chandel

Date of issue: 27th November, 2018

[Significant past weather for the preceding bi-weekly of Imphal West (23 rd to 26 th Nov,	Weather forecast for Chandel (28 th Nov to 2 nd Dec, 2018)
	2018) Observed no rainfall with shallow fog at foothills during morning hours and mainly clear	Likely to have no rains upto Sunday and shallow fog during morning hours during
	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	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
	was recorded in the past two days & average wind speed was $1.1 - 1.8$ km/ hr.	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 dis	0960	Agro-meteorological advisories			
Rapeseed/ mustard	<u> </u>	Vegetative		case	- 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 dis	ease	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 harvesting of mid-sea var. and transplantin	ason			 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. 			
	late variety		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 lar preparation for transplanting	nd			 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		T		r				
Name of bird/ animal	Stage		Disease/ anagement		Agro-meteorological advisories			
Poultry (Chicken/	All age groups	Cocc	cidiosis	Give	Coccimar @ 2g/litre of drinking water for 5-7 days along with glucose.			
Duck)		Dew	orming	Use V	Ventrimizole @ 1g in 1 litre of drinking water for 3 days.			
		Care	and	Walls of sheds should be covered with polythene sheets/hessian cloths during the night.				
		Man	agement	Litte	rs should be of 4.5 inches thick and stir it at regular interval.			
Sheep/ Goat	All age groups	Dew	orming	- Giv	e Ranizole suspension @ 3ml/ 10 kg body weight.			
		Vaco	cination	Vacc	inate against FMD, HS, BQ & Enterotoxaemia, etc.			
Pig	All age groups except	Dew	orming	Albe	ndazole Plus Avermectin Table 6 mg/adult.			
	the young ones	Skin	0		ect from skin disease by using Deltamethrin solution @2ml/lit. Of water and bath with the ion			
Cattle	All age groups	Vaco			inate against B.Q., F.M.D. & H.S. if not yet vaccinated.			
	excepts the young	Tick	Deworming Giv		Butox liquid @ 2ml/ litre water twice a week while brushing animals.			
	ones	Dew			Rafoxamide plus Levamizole (Rafox plus)/ Ranizole suspension @ 1ml/ 2kg body weight 5ml/ 10 kg body weight (Ranizole) in lower altitude.			
		Care			s must be kept dry.			
		Management Use bedding materials						
Fisheries Carp culture	- Maintain watan laval	at a de	nth of 1 0m to	15m	Fish stocking may be done in small scale. Feeds should be provided @ 2-3 % body weight			
Carp culture		1-2 times per day. Harvesting of fishes may be done. Select healthy fishes to be stocked as brooder.						



Manipur Centre, Lamphelpat, Imphal - 795 004

"Gramin Krishi Mausam Seva"



MANIPUR AGROMET ADVISORY BULLETIN

District: Churachandpur

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Significant past weather for the preceding bi-weekly of Imphal West (23 rd to 26 th Nov,	Weather forecast for Churachandpur (28 th Nov to 2 nd Dec, 2018)
<u>2018)</u>	
Observed no rainfall with shallow fog at foothills during morning hours and mainly clear	Likely to have no rains upto Sunday and shallow fog during morning hours during
sky during afternoon hours. Maximum temperature recorded ranged from 24.6 – 25.4 °C	next five days & mainly clear sky with maximum temp. 25 °C & minimum temp.
and minimum of $6.1 - 6.5$ °C with mean relative humidity 83.8 % max and 34.8 % min	5 °C. Relative humidity may reach up to 89 % (max) and 36 % (min). The average
was recorded in the past two days & average wind speed was $1.1 - 1.8$ km/ hr.	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 dis	ease	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	Post-harvest			 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 dis	ease	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 harvesting of mid-sea var. and transplantin late variety	ason	son		 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. 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 lat preparation for transplanting	nd			 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/ anagement		Agro-meteorological advisories
Poultry (Chicken/	All age groups	Coco	cidiosis	Give	Coccimar @ 2g/litre of drinking water for 5-7 days along with glucose.
Duck)		Dew	orming	Use V	Ventrimizole @ 1g in 1 litre of drinking water for 3 days.
			e and agement		s of sheds should be covered with polythene sheets/hessian cloths during the night. rs should be of 4.5 inches thick and stir it at regular interval.
Sheep/ Goat	All age groups		orming		re Ranizole suspension @ 3ml/ 10 kg body weight.
			cination		inate against FMD, HS, BQ & Enterotoxaemia, etc.
Pig	All age groups except	Dew	orming	Albe	ndazole Plus Avermectin Table 6 mg/adult.
	the young ones	Skin	8		ect from skin disease by using Deltamethrin solution @2ml/lit. Of water and bath with the ion
Cattle	All age groups	Vac			inate against B.Q., F.M.D. & H.S. if not yet vaccinated.
	excepts the young ones Deworming Gi			Butox liquid @ 2ml/ litre water twice a week while brushing animals.	
				Rafoxamide plus Levamizole (Rafox plus)/ Ranizole suspension @ 1ml/ 2kg body weight 5ml/ 10 kg body weight (Ranizole) in lower altitude.	
					s must be kept dry. bedding materials
Fisheries					
Carp culture	- Maintain water level a 1-2 times per day. Harv	at a de vesting	pth of 1.0m to of fishes may	1.5m. l be don	Fish stocking may be done in small scale. Feeds should be provided @ 2-3 % body weight ne. Select healthy fishes to be stocked as brooder.

Date of issue: 27th November, 2018

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Manipur Centre, Lamphelpat, Imphal - 795 004 "Gramin Krishi Mausam Seva"

MANIPUR AGROMET ADVISORY BULLETIN

District: Imphal East

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Significant past weather for the preceding bi-weekly of Imphal West (23 rd to 26 th Nov,	Weather forecast for Imphal East (28 th Nov to 2 nd Dec, 2018)
<u>2018)</u>	
Observed no rainfall with shallow fog at foothills during morning hours and mainly clear	Likely to have no rains upto Sunday and shallow fog during morning hours during
sky during afternoon hours. Maximum temperature recorded ranged from 24.6 – 25.4 °C	next five days & mainly clear sky with maximum temp. 25 °C & minimum temp.
and minimum of $6.1 - 6.5$ °C with mean relative humidity 83.8 % max and 34.8 % min	5 °C. Relative humidity may reach upto 95 % (max) and 39 % (min). The average
was recorded in the past two days & average wind speed was $1.1 - 1.8$ km/ hr.	wind speed may be 2 km/hr.
General Advisories:	
* T :- h4 4 in a d in a d h h h	

* 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 dis	sease	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 dis	sease	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 harvesting of mid-sea var. and transplantin	son			 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.
	late variety		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 lan 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/ anagement		Agro-meteorological advisories
Poultry (Chicken/	All age groups	Coco	cidiosis	Give	Coccimar @ 2g/litre of drinking water for 5-7 days along with glucose.
Duck)		Dew	orming	Use V	Ventrimizole @ 1g in 1 litre of drinking water for 3 days.
		Care	e and	Wall	s of sheds should be covered with polythene sheets/hessian cloths during the night.
		Man	agement	Litte	rs should be of 4.5 inches thick and stir it at regular interval.
Sheep/ Goat	All age groups	Dew	orming	- Giv	e Ranizole suspension @ 3ml/ 10 kg body weight.
		Vaco	cination	Vacc	inate against FMD, HS, BQ & Enterotoxaemia, etc.
Pig	All age groups except		orming		ndazole Plus Avermectin Table 6 mg/adult.
	the young ones	Skin	n diseases Prote soluti		ect from skin disease by using Deltamethrin solution @2ml/lit. Of water and bath with the ion
Cattle	All age groups	Vaco	Vaccination Vacc Fick Use I Deworming Give or 5. Care and Shed		inate against B.Q., F.M.D. & H.S. if not yet vaccinated.
	excepts the young	Tick			Butox liquid @ 2ml/ litre water twice a week while brushing animals.
	ones	Dew			Rafoxamide plus Levamizole (Rafox plus)/ Ranizole suspension @ 1ml/ 2kg body weight 5ml/ 10 kg body weight (Ranizole) in lower altitude.
					s must be kept dry. Dedding materials
Fisheries			3		
Carp culture					Fish stocking may be done in small scale. Feeds should be provided @ 2-3 % body weight e. Select healthy fishes to be stocked as brooder.







Date of issue: 27th November, 2018



Manipur Centre, Lamphelpat, Imphal - 795 004

"Gramin Krishi Mausam Seva"



MANIPUR AGROMET ADVISORY BULLETIN

District: Imphal West

Date of issue: 27th November, 2018

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Significant past weather for the preceding bi-weekly of Imphal West (23 rd to 26 th Nov,	Weather forecast for Imphal West (28 th Nov to 2 nd Dec, 2018)
<u>2018)</u>	
Observed no rainfall with shallow fog at foothills during morning hours and mainly clear	Likely to have no rains upto Sunday and shallow fog during morning hours during
sky during afternoon hours. Maximum temperature recorded ranged from 24.6 – 25.4 °C	next five days & mainly clear sky with maximum temp. 25 °C & minimum temp.
and minimum of $6.1 - 6.5$ °C with mean relative humidity 83.8 % max and 34.8 % min	5 °C. Relative humidity may reach upto 95 % (max) and 38 % (min). The average
was recorded in the past two days & average wind speed was $1.1 - 1.8$ km/ hr.	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.

Field Crops					
Name of the crop	Stage			ease	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 dise	ease	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 harvesting of mid-sea var. and transplantin late variety	ason	Cut Worm		 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. If missing, cut or wilted plant is observed then search for larvae in the soil near
	, , , , , , , , , , , , , , , , , , ,		Cut Worm		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 lar preparation for transplanting	nd			 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	- I		L		
Name of bird/ animal	Stage		Disease/ anagement		Agro-meteorological advisories
Poultry (Chicken/	All age groups	Cocc	cidiosis	Give	Coccimar @ 2g/litre of drinking water for 5-7 days along with glucose.
Duck)		Dew	orming	Use V	Ventrimizole @ 1g in 1 litre of drinking water for 3 days.
		Care	e and	Walls of sheds should be covered with polythene sheets/hessian cloths during the night.	
		Man	agement		rs should be of 4.5 inches thick and stir it at regular interval.
Sheep/ Goat	All age groups	Dew	orming	- Giv	e Ranizole suspension @ 3ml/ 10 kg body weight.
		Vaco	cination	Vacc	inate against FMD, HS, BQ & Enterotoxaemia, etc.
Pig	All age groups except		orming		ndazole Plus Avermectin Table 6 mg/adult.
	the young ones	Skin	n diseases Prote soluti		ect from skin disease by using Deltamethrin solution @2ml/lit. Of water and bath with the ion
Cattle	All age groups	Vaco	accination Vac		inate against B.Q., F.M.D. & H.S. if not yet vaccinated.
	excepts the young	Tick		Use I	Butox liquid @ 2ml/ litre water twice a week while brushing animals.
				Rafoxamide plus Levamizole (Rafox plus)/ Ranizole suspension @ 1ml/ 2kg body weight 5ml/ 10 kg body weight (Ranizole) in lower altitude.	
			are and		s must be kept dry. Dedding materials
Fisheries				2.50 1	
Carp culture	- Maintain water level a 1-2 times per day. Harv	at a de vesting	pth of 1.0m to 1 of fishes may h	1.5m. l be don	Fish stocking may be done in small scale. Feeds should be provided @ 2-3 % body weight e. Select healthy fishes to be stocked as brooder.



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"Gramin Krishi Mausam Seva"



MANIPUR AGROMET ADVISORY BULLETIN

District: Senapati

Significant past weather for the preceding bi-weekly of Imphal West (23 rd to 26 th Nov,	Weather forecast for Senapati (28 th Nov to 2 nd Dec, 2018)
<u>2018)</u>	
Observed no rainfall with shallow fog at foothills during morning hours and mainly clear	Likely to have no rains upto Sunday and shallow fog during morning hours during
sky during afternoon hours. Maximum temperature recorded ranged from 24.6 – 25.4 °C	next five days & mainly clear sky with maximum temp. 21 °C & minimum temp.
and minimum of 6.1 - 6.5 °C with mean relative humidity 83.8 % max and 34.8 % min	2 °C. Relative humidity may reach upto 95 % (max) and 40 % (min). The average
was recorded in the past two days & average wind speed was $1.1 - 1.8$ km/ hr.	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	crop Stage Pest and disease				Agro-meteorological advisories
Rapeseed/ mustard	Vegetative	getative			- 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 dis	sease	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 harvesting of mid-sea var. and transplantin	son			 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.
	late variety		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 lar preparation for transplanting	ıd			 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/ anagement		Agro-meteorological advisories
Poultry (Chicken/	All age groups	Cocc	cidiosis	Give	Coccimar @ 2g/litre of drinking water for 5-7 days along with glucose.
Duck)		Dew	orming	Use V	Ventrimizole @ 1g in 1 litre of drinking water for 3 days.
		Care Man	e and agement		s of sheds should be covered with polythene sheets/hessian cloths during the night. rs should be of 4.5 inches thick and stir it at regular interval.
Sheep/ Goat	All age groups		orming		e Ranizole suspension @ 3ml/ 10 kg body weight.
		Vaco	cination	Vacc	inate against FMD, HS, BQ & Enterotoxaemia, etc.
Pig	All age groups except	Dew	orming	Alber	ndazole Plus Avermectin Table 6 mg/adult.
	the young ones	Skin	n diseases Prote soluti		ect from skin disease by using Deltamethrin solution @2ml/lit. Of water and bath with the ion
Cattle	All age groups		ick Use leworming Give or 5. dare and Shee		inate against B.Q., F.M.D. & H.S. if not yet vaccinated.
	excepts the young	Tick			Butox liquid @ 2ml/ litre water twice a week while brushing animals.
	ones				Rafoxamide plus Levamizole (Rafox plus)/ Ranizole suspension @ 1ml/ 2kg body weight 5ml/ 10 kg body weight (Ranizole) in lower altitude.
					s must be kept dry. bedding materials
Fisheries					
Carp culture					Fish stocking may be done in small scale. Feeds should be provided @ 2-3 % body weight e. Select healthy fishes to be stocked as brooder.

Date of issue: 27th November, 2018

E-mail: agromet_mnp@yahoo.co.uk



Phone: 2414654, 2414260, 2414749 ; Fax : (0385) 2414654, 2414749

ICAR Research Complex for N.E.H. Region

Date of issue: 27th November, 2018

Manipur Centre, Lamphelpat, Imphal - 795 004

"Gramin Krishi Mausam Seva"



MANIPUR AGROMET ADVISORY BULLETIN

District: Tamenglong

Significant past weather for the preceding bi-weekly of Imphal West (23 rd to 26 th Nov,	Weather forecast for Tamenglong (28 th Nov to 2 nd Dec, 2018)
<u>2018)</u>	
Observed no rainfall with shallow fog at foothills during morning hours and mainly clear	Likely to have no rains upto Sunday and shallow fog during morning hours during
sky during afternoon hours. Maximum temperature recorded ranged from 24.6 – 25.4 °C	next five days & mainly clear sky with maximum temp. 25 °C & minimum temp.
and minimum of 6.1 - 6.5 °C with mean relative humidity 83.8 % max and 34.8 % min	5 °C. Relative humidity may reach upto 95 % (max) and 39 % (min). The average
was recorded in the past two days & average wind speed was $1.1 - 1.8$ km/ hr.	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.

Field Crops					
Name of the crop	Stage		Pest and dis	sease	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	0			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 harvesting of mid-sea var. and transplantin late variety	son	Cut Worm		 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. If missing, cut or wilted plant is observed then search for larvae in the soil near the soi
					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 lar preparation for transplanting	nd	d		 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/ anagement		Agro-meteorological advisories
Poultry (Chicken/	All age groups	Coc	cidiosis	Give	Coccimar @ 2g/litre of drinking water for 5-7 days along with glucose.
Duck)		Dew	orming	Use V	Ventrimizole @ 1g in 1 litre of drinking water for 3 days.
		Care	e and		s of sheds should be covered with polythene sheets/hessian cloths during the night.
		Man	agement		rs should be of 4.5 inches thick and stir it at regular interval.
Sheep/ Goat	All age groups	Dew	orming	- Giv	e Ranizole suspension @ 3ml/ 10 kg body weight.
		Vac	cination	Vacc	inate against FMD, HS, BQ & Enterotoxaemia, etc.
Pig	All age groups except	Dew	orming		ndazole Plus Avermectin Table 6 mg/adult.
	the young ones	Skin			ect from skin disease by using Deltamethrin solution @2ml/lit. Of water and bath with the ion
Cattle	All age groups	Vac			inate against B.Q., F.M.D. & H.S. if not yet vaccinated.
	excepts the young	Tick	ck Use E eworming Give or 5.5 are and Sheds		Butox liquid @ 2ml/ litre water twice a week while brushing animals.
	ones	Dew			Rafoxamide plus Levamizole (Rafox plus)/ Ranizole suspension @ 1ml/ 2kg body weight 5ml/ 10 kg body weight (Ranizole) in lower altitude.
					s must be kept dry. sedding materials
Fisheries					
Carp culture					Fish stocking may be done in small scale. Feeds should be provided @ 2-3 % body weight e. Select healthy fishes to be stocked as brooder.



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ICAR Research Complex for N.E.H. Region

Manipur Centre, Lamphelpat, Imphal - 795 004

"Gramin Krishi Mausam Seva"



MANIPUR AGROMET ADVISORY BULLETIN

District: Thoubal

Date of issue: 27th November, 2018

1	Significant past weather for the preceding bi-weekly of Imphal West (23 rd to 26 th Nov,	Weather forecast for Thoubal (28 th Nov to 2 nd Dec, 2018)
	2018) Observed no rainfall with shallow fog at foothills during morning hours and mainly clear	Likely to have no rains upto Sunday and shallow fog during morning hours during
	sky during afternoon hours. Maximum temperature recorded ranged from 24.6 – 25.4 °C	next five days & mainly clear sky with maximum temp. 25 °C & minimum temp.
	and minimum of $6.1 - 6.5$ °C with mean relative humidity 83.8 % max and 34.8 % min	5 °C. Relative humidity may reach upto 95 % (max) and 41 % (min). The average
	was recorded in the past two days & average wind speed was 1.1 – 1.8 km/ hr. General Advisories:	wind speed may be 2-4 km/hr.

* Light watering during morning hours may be done for young plants in nursery plots to avoid the adverse effects of fog/ frost.

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	ge 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	8			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		<u> </u>		 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. If missing, cut or wilted plant is observed then search for larvae in the soil near 	
	late variety		Cut Worm		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 lar preparation for transplanting	nd	1		 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		isease/ agement		Agro-meteorological advisories	
Poultry (Chicken/	All age groups	Coccid	liosis	Give	Coccimar @ 2g/litre of drinking water for 5-7 days along with glucose.	
Duck)		Dewor	ming	Use V	Ventrimizole @ 1g in 1 litre of drinking water for 3 days.	
		Care an Manag		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	Dewor	,		e Ranizole suspension @ 3ml/ 10 kg body weight.	
Sheep/ Goat	in age groups	Vaccin	0		inate against FMD, HS, BQ & Enterotoxaemia, etc.	
Pig	All age groups except	Dewor	ming	Alber	ndazole Plus Avermectin Table 6 mg/adult.	
8	the young ones				ect from skin disease by using Deltamethrin solution @2ml/lit. Of water and bath with the	
Cattle	All age groups	Vaccin	ccination Vacci k Use B worming Give or 5.5 re and Sheds		inate against B.Q., F.M.D. & H.S. if not yet vaccinated.	
	excepts the young	Tick			Butox liquid @ 2ml/ litre water twice a week while brushing animals.	
	ones	Dewor			Rafoxamide plus Levamizole (Rafox plus)/ Ranizole suspension @ 1ml/ 2kg body weight 5ml/ 10 kg body weight (Ranizole) in lower altitude.	
		Care an Manag			sedding materials	
Fisheries			,	0.00 0		
Carp culture		-			Fish stocking may be done in small scale. Feeds should be provided @ 2-3 % body weight e. Select healthy fishes to be stocked as brooder.	



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"Gramin Krishi Mausam Seva"



MANIPUR AGROMET ADVISORY BULLETIN

D	istr	ict:	Ukl	hrul

Date of issue: 27th November, 2018

1	Significant past weather for the preceding bi-weekly of Imphal West (23 rd to 26 th Nov,	Weather forecast for Ukhrul (28 th Nov to 2 nd Dec, 2018)
	<u>Significant past weather for the preceding bi-weekly of hipping west (25 to 26 Nov,</u> 2018)	$\frac{1}{20} \frac{1}{20} \frac$
	Observed no rainfall with shallow fog at foothills during morning hours and mainly clear	Likely to have no rains upto Sunday and shallow fog during morning hours during
	sky during afternoon hours. Maximum temperature recorded ranged from $24.6 - 25.4$ °C	next five days & mainly clear sky with maximum temp. 22 °C & minimum temp.
	and minimum of $6.1 - 6.5$ °C with mean relative humidity 83.8 % max and 34.8 % min	3 °C. Relative humidity may reach up to 87 % (max) and 39 % (min). The average
	was recorded in the past two days & average wind speed was $1.1 - 1.8$ km/ hr.	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.

Field Crops						
Name of the crop	Stage		Pest and dis	ease	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	0			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	harvesting of mid-sea	Curd/ head formation to harvesting of mid-season var. and transplanting of			 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 lat 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/ anagement		Agro-meteorological advisories	
Poultry (Chicken/	All age groups	Coco	cidiosis	Give	Coccimar @ 2g/litre of drinking water for 5-7 days along with glucose.	
Duck)		Dew	orming	Use V	Ventrimizole @ 1g in 1 litre of drinking water for 3 days.	
			e and agement		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		orming		e Ranizole suspension @ 3ml/ 10 kg body weight.	
Sheep, Gout	in uge groups		cination		inate against FMD, HS, BQ & Enterotoxaemia, etc.	
Pig	All age groups except	Dew	orming	Alber	ndazole Plus Avermectin Table 6 mg/adult.	
Ũ	the young ones	Skin	diseases	Prote soluti	ect from skin disease by using Deltamethrin solution @2ml/lit. Of water and bath with the ion	
Cattle	All age groups	Vaco	Vaccination Vacc Fick Use I		inate against B.Q., F.M.D. & H.S. if not yet vaccinated.	
	excepts the young	Tick			Butox liquid @ 2ml/ litre water twice a week while brushing animals.	
	ones	Care and St			Rafoxamide plus Levamizole (Rafox plus)/ Ranizole suspension @ 1ml/ 2kg body weight 5ml/ 10 kg body weight (Ranizole) in lower altitude.	
					s must be kept dry. Dedding materials	
Fisheries						
Carp culture	- Maintain water level a 1-2 times per day. Harv	at a de vesting	pth of 1.0m to of fishes may	1.5m. l be don	Fish stocking may be done in small scale. Feeds should be provided @ 2-3 % body weight e. Select healthy fishes to be stocked as brooder.	