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Date of issue: 4th December, 2018

ICAR Research Complex for N.E.H. Region

Manipur Centre, Lamphelpat, Imphal - 795 004

"Gramin Krishi Mausam Seva"



MANIPUR AGROMET ADVISORY BULLETIN

1	Significant past weather for the preceding bi-weekly of Imphal West (27 th to 29 th Nov, 2018)	Weather forecast for Imphal West (5 th to 9 th Dec, 2018)
	No rainfall observed during the past four days. The sky remained clear for the first two days	
	and variable to overcast in the following two days. Maximum temperature ranged from 23.6-	Likely to have no rains upto Friday and shallow fog during morning hours over
	25.1 °C and minimum of 4.6 – 10.6 °C. Mean relative humidity of 86.3% max and 42.0 %	next five days with mainly clear sky at day with maximum temp. 24-26 °C &
	min was recorded in the past four days & average wind speed was $1.5 - 2.4$ km/ hr.	minimum temp. 4-7 °C. Relative humidity may reach upto 87 % (max) and 32 %
		(min). The average wind speed may be 1-3 km/hr.

General Advisories:

- * Monitor for insect pest infestation in young plants in nursery plot. Sprays of neem oil may be given as prophylactic measures.
- * Keep the soil moist throughout the vegetative stage.

Name of the crop	Stage		Pest and disease		Agro-meteorological advisories
Rapeseed/ mustard	Vegetative		uiscusc	,	- Thinning may be done where the plant population is high. If the soil is dry, give light irrigation.
Field pea	Vegetative	Vegetative			- Avoid plucking young shoots. If the soil is dry, give light irrigation.
Lentil	Vegetative				- Monitor for soil moisture status.
Rabi maize	Land preparation to	sowing			- Sowing of rabi maize may be started. It may be sown as intercrop with pulses.
Seeds storage	Post-harvest management				For seed purpose store the seeds in <i>RC-Seed Bin</i> after proper drying and cleaning of the seeds of the s
Seeds Storage	i ost hai vest hailage	incint			 seeds along with dry charcoal at 80:20 w/w ratios. Check for moisture content or weigh of charcoal and dry if required. Clean godowns and spray with 1% Malathion on the walls before storage; also ensure the storage of the storage of the storage.
Horticulture Crops					that it is well ventilated. Avoid fungal growth and pest rodent in store.
Name of the crop	Stage		Pest and dise	Pase	Agro-meteorological advisories
Mango	Bearing trees		i ost und uss		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				- Apply 108kg Urea+563kg SSP+100kg MOP per hectare and 108 kg Urea after
	harvesting of mid-sea var. and transplantin		leaf eating		month of transplanting.
	late variety	ig of	caterpillar Cut Worm		- Spray Flubendiamide (Fame) @ 2ml/ 10 lit of water.
		-			- If missing, cut or wilted plant is observed then search for larvae in the soil ne
			Cut ((orm		damaged plant. If 5% or more of the plants have been cut then apply Phorate10
					@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					- Avoid placking on or young shoots.
Name of bird/ animal	Stage	Γ)isease/		Agro-meteorological advisories
	Ŭ	Ma	nagement		
Poultry (Chicken/	All age groups	Cocci	diosis	Give	Coccimar @ 2g/litre of drinking water for 5-7 days along with glucose.
Duck)		Dewo	rming	Use V	Ventrimizole @ 1g in 1 litre of drinking water for 3 days.
		Care	and		s of sheds should be covered with polythene sheets/hessian cloths during the night.
			gement		
Sheep/ Goat	All age groups		rming		e Ranizole suspension @ 3ml/ 10 kg body weight.
		Vacci	nation	Vacc	inate against FMD, HS, BQ & Enterotoxaemia, etc.
Pig	All age groups except	Dewo	rming	Albe	ndazole Plus Avermectin Table 6 mg/adult.
8	the young ones		n diseases P		ect from skin disease by using Deltamethrin solution @2ml/lit. Of water and bath with th
Cattle	All age groups	Vacci	nation		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		Deworming			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.
		Mana	gement	Use l	bedding materials
Fisheries					
Carp culture	- Maintain water level a 1-2 times per day. Harv				Fish stocking may be done in small scale. Feeds should be provided $@$ 2-3 % body weigh

"Gramin Krishi Mausam Seva"



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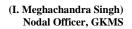
MANIPUR AGROMET ADVISORY BULLETIN

District: Bishnupur

Significant past weather for the preceding bi-weekly of Imphal West (27 th to 29 th Nov, 2018)	Weather forecast for Bishnupur (5 th to 9 th Dec, 2018)
No rainfall observed during the past four days. The sky remained clear for the first two days	Likely to have no rainfall up to Friday and shallow fog during morning hours over
and variable to overcast in the following two days. Maximum temperature ranged from 23.6-	next five days with mainly clear sky at day with maximum temp. 25.4 °C &
25.1 °C and minimum of 4.6 – 10.6 °C. Mean relative humidity of 86.3% max and 42.0 % min	minimum temp. 7.2 °C. Relative humidity may reach up to 96 % (max) and 41 %
was recorded in the past four days & average wind speed was $1.5 - 2.4$ km/ hr.	(min). The average wind speed may be 2.5 km/hr.
General Advisories:	

* Monitor for insect pest infestation in young plants in nursery plot. Sprays of neem oil may be given as prophylactic measures.

Field Crops			-			
Name of the crop	Stage		Pest and disease		Agro-meteorological advisories	
Rapeseed/ mustard	Vegetative	Vegetative			- Thinning may be done where the plant population is high. If the soil is dry, give ligh irrigation.	
Field pea	Vegetative				- Avoid plucking young shoots. If the soil is dry, give light irrigation.	
Lentil	Vegetative				- Monitor for soil moisture status.	
Rabi maize	Land preparation to	sowing	r -		- Sowing of rabi maize may be started. It may be sown as intercrop with pulses.	
Seeds storage	Post-harvest management		,		- For seed purpose store the seeds in RC-Seed Bin after proper drying and cleaning o	
					 seeds along with dry charcoal at 80:20 w/w ratios. Check for moisture content or weigh 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				- Apply 108kg Urea+563kg SSP+100kg MOP per hectare and 108 kg Urea after a month of transplanting.	
	var. and transplantin late variety	ig of	leaf eating caterpillar		- Spray Flubendiamide (Fame) @ 2ml/ 10 lit of water.	
			Cut Worm		- If missing, cut or wilted plant is observed then search for larvae in the soil nea damaged plant. If 5% or more of the plants have been cut then apply Phorate100 @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 th 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					Thou placening on or young shoots	
Name of bird/ animal	Stage		Disease/ anagement		Agro-meteorological advisories	
Poultry (Chicken/	All age groups		idiosis	Give	Coccimar @ 2g/litre of drinking water for 5-7 days along with glucose.	
Duck)		Dewo	orming		Ventrimizole @ 1g in 1 litre of drinking water for 3 days.	
			0			
		Care			s of sheds should be covered with polythene sheets/hessian cloths during the night.	
Sheep/ Goat	All age groups		agement orming	Litters should be of 4.5 inches thick and stir it at regular interval Give Ranizole suspension @ 3ml/ 10 kg body weight.		
Sheep/ Goat	An age groups		ination		inate against FMD, HS, BQ & Enterotoxaemia, etc.	
Pig	All age groups except	Dewo	orming	Albe	ndazole Plus Avermectin Table 6 mg/adult.	
8	the young ones		n diseases Pro		ion	
Cattle	All age groups	Vacc	ination		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		Dewo	orming	Give	Rafoxamide plus Levamizole (Rafox plus)/ Ranizole suspension @ 1ml/ 2kg body weight 5ml/ 10 kg body weight (Ranizole) in lower altitude.	
		Care Mana	and agement	Shed	s must be kept dry. Dedding materials	
Fisheries						
Carp culture					Fish stocking may be done in small scale. Feeds should be provided @ 2-3 % body weight i.e. Select healthy fishes to be stocked as brooder.	



"Gramin Krishi Mausam Seva"



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MANIPUR AGROMET ADVISORY BULLETIN

District: Chandel

Significant past weather for the preceding bi-weekly of Imphal West (27 th to 29 th Nov, 2018	Weather forecast for Chandel (5 th to 9 th Dec, 2018)
No rainfall observed during the past four days. The sky remained clear for the first two day	Likely to have no rainfall up to Friday and shallow fog during morning hours over
and variable to overcast in the following two days. Maximum temperature ranged from 23.	6- next five days with mainly clear sky at day with maximum temp. 23.6 °C &
25.1 °C and minimum of 4.6 - 10.6 °C. Mean relative humidity of 86.3% max and 42.0 % n	in minimum temp. 6 °C. Relative humidity may reach up to 94 % (max) and 42 %
was recorded in the past four days & average wind speed was $1.5 - 2.4$ km/ hr.	(min). The average wind speed may be 3-4 km/hr.
Conorol Advisorios	

* Monitor for insect pest infestation in young plants in nursery plot. Sprays of neem oil may be given as prophylactic measures. * Keep the soil moist throughout the vegetative stage.

Field Crops	- 1				
Name of the crop	Stage		Pest and disease		Agro-meteorological advisories
Rapeseed/ mustard	Vegetative	Vegetative			- Thinning may be done where the plant population is high. If the soil is dry, give light irrigation.
Field pea	Vegetative	Vegetative			- Avoid plucking young shoots. If the soil is dry, give light irrigation.
Lentil	Vegetative				- Monitor for soil moisture status.
Rabi maize	Land preparation to	sowing			- Sowing of rabi maize may be started. It may be sown as intercrop with pulses.
Seeds storage	Post-harvest manage	•			 For seed purpose store the seeds in <i>RC-Seed Bin</i> after proper drying and cleaning o seeds along with dry charcoal at 80:20 w/w ratios. Check for moisture content or weigh 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	ason			- Apply 108kg Urea+563kg SSP+100kg MOP per hectare and 108 kg Urea after a month of transplanting.
	var. and transplantin late variety	0	leaf eating caterpillar		- Spray Flubendiamide (Fame) @ 2ml/ 10 lit of water.
			Cut Worm		- If missing, cut or wilted plant is observed then search for larvae in the soil nea damaged plant. If 5% or more of the plants have been cut then apply Phorate100 @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 th 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					A rold placening of or young shoots
Name of bird/ animal	Stage)isease/ nagement		Agro-meteorological advisories
Poultry (Chicken/	All age groups	Cocci		Give	Coccimar @ 2g/litre of drinking water for 5-7 days along with glucose.
Duck)		Dewo	rming	Use V	Ventrimizole @ 1g in 1 litre of drinking water for 3 days.
		Care			s of sheds should be covered with polythene sheets/hessian cloths during the night.
			gement	Litters should be of 4.5 inches thick and stir it at regular interval.	
Sheep/ Goat	All age groups	Dewo			e Ranizole suspension @ 3ml/ 10 kg body weight.
•	001		nation		inate against FMD, HS, BQ & Enterotoxaemia, etc.
Pig	All age groups except	Dewo	rming		ndazole Plus Avermectin Table 6 mg/adult.
	the young ones	Skin d			ect from skin disease by using Deltamethrin solution @2ml/lit. Of water and bath with the ion
Cattle	All age groups	Vacci	nation	Vacc	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		Deworming		Rafoxamide plus Levamizole (Rafox plus)/ Ranizole suspension @ 1ml/ 2kg body weight 5ml/ 10 kg body weight (Ranizole) in lower altitude.
		Care a Mana	and gement		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 be. Select healthy fishes to be stocked as brooder.

(I. Meghachandra Singh) Nodal Officer, GKMS

"Gramin Krishi Mausam Seva"



Date of issue: 4th December, 2018



MANIPUR AGROMET ADVISORY BULLETIN

District: Churachandpur

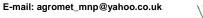
Significant past weather for the preceding bi-weekly of Imphal West (27th to 29th Nov, 2018)	Weather forecast for Churachandpur (5 th to 9 th Dec, 2018)
No rainfall observed during the past four days. The sky remained clear for the first two days	Likely to have no rainfall up to Friday and shallow fog during morning hours over
and variable to overcast in the following two days. Maximum temperature ranged from 23.6-	next five days with mainly clear sky at day with maximum temp. 24.4 °C &
25.1 °C and minimum of 4.6 – 10.6 °C. Mean relative humidity of 86.3% max and 42.0 % min	minimum temp. 6.2 °C. Relative humidity may reach up to 94 % (max) and 36 %
was recorded in the past four days & average wind speed was $1.5 - 2.4$ km/ hr.	(min). The average wind speed may be 3.2 km/hr.
General Advisories:	

* Monitor for insect pest infestation in young plants in nursery plot. Sprays of neem oil may be given as prophylactic measures.

Field Crops				_	
Name of the crop	Stage		Pest an disease		Agro-meteorological advisories
Rapeseed/ mustard	Vegetative	Vegetative			- Thinning may be done where the plant population is high. If the soil is dry, give ligh irrigation.
Field pea	Vegetative				- Avoid plucking young shoots. If the soil is dry, give light irrigation.
Lentil	Vegetative				- Monitor for soil moisture status.
Rabi maize	Land preparation to	sowing			- Sowing of rabi maize may be started. It may be sown as intercrop with pulses.
Seeds storage	Post-harvest manage	ment			 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 weigh of charcoal and dry if required. Clean godowns and spray with 1% Malathion on the walls before storage; also ensur 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	ason			- Apply 108kg Urea+563kg SSP+100kg MOP per hectare and 108 kg Urea after month of transplanting.
	var. and transplantin late variety	ng of	leaf eating caterpillar		- Spray Flubendiamide (Fame) @ 2ml/ 10 lit of water.
			Cut Worm		- If missing, cut or wilted plant is observed then search for larvae in the soil nea damaged plant. If 5% or more of the plants have been cut then apply Phorate100 @25kg/ha or Metarrhizium anisopliae @ 5ml/ lit water.
Onion	Nursery raising to lan preparation for transplanting	nd	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/ nagement		Agro-meteorological advisories
Poultry (Chicken/	All age groups	Cocci	diosis	Give	Coccimar @ 2g/litre of drinking water for 5-7 days along with glucose.
Duck)		Dewo	rming	Use V	Ventrimizole @ 1g in 1 litre of drinking water for 3 days.
		Care		Walls of sheds should be covered with polythene sheets/hessian cloths du	
			gement	Litters should be of 4.5 inches thick and stir it at regular interval.	
Sheep/ Goat	All age groups	Dewo	rming	- Giv	e Ranizole suspension @ 3ml/ 10 kg body weight.
		Vacci	nation	Vacc	inate against FMD, HS, BQ & Enterotoxaemia, etc.
Pig	All age groups except	Dewo	rming	Albe	ndazole Plus Avermectin Table 6 mg/adult.
	the young ones	Skin o			ect from skin disease by using Deltamethrin solution @2ml/lit. Of water and bath with the ion
Cattle	All age groups	Vacci	nation		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		Deworming			Rafoxamide plus Levamizole (Rafox plus)/ Ranizole suspension @ 1ml/ 2kg body weight 5ml/ 10 kg body weight (Ranizole) in lower altitude.
		Care Mana	and gement	Shed	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.



"Gramin Krishi Mausam Seva"



Date of issue: 4th December, 2018

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MANIPUR AGROMET ADVISORY BULLETIN

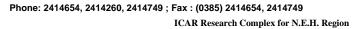
District: Imphal East

Significant past weather for the preceding bi-weekly of Imphal West (27 th to 29 th Nov, 2018)	Weather forecast for Imphal East (5 th to 9 th Dec, 2018)
No rainfall observed during the past four days. The sky remained clear for the first two days	Likely to have no rainfall up to Friday and shallow fog during morning hours over
and variable to overcast in the following two days. Maximum temperature ranged from 23.6-	next five days with mainly clear sky at day with maximum temp. 24.4 °C &
25.1 °C and minimum of 4.6 – 10.6 °C. Mean relative humidity of 86.3% max and 42.0 % min	minimum temp. 6.2 °C. Relative humidity may reach up to 94 % (max) and 34 %
was recorded in the past four days & average wind speed was $1.5 - 2.4$ km/ hr.	(min). The average wind speed may be 5.3 km/hr.
General Advisories:	

* Monitor for insect pest infestation in young plants in nursery plot. Sprays of neem oil may be given as prophylactic measures.

Field Crops	1		-1		1	
Name of the crop	Stage		Pest an disease		Agro-meteorological advisories	
Rapeseed/ mustard	Vegetative	Vegetative			- Thinning may be done where the plant population is high. If the soil is dry, give ligh irrigation.	
Field pea	Vegetative	Vegetative			- Avoid plucking young shoots. If the soil is dry, give light irrigation.	
Lentil	Vegetative				- Monitor for soil moisture status.	
Rabi maize	Land preparation to	sowing			- Sowing of rabi maize may be started. It may be sown as intercrop with pulses.	
Seeds storage	Post-harvest management		'		- For seed purpose store the seeds in <i>RC-Seed Bin</i> after proper drying and cleaning o	
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~		i ost-hui vest humugenent			seeds along with dry charcoal at 80:20 w/w ratios. Check for moisture content or weigh	
					of charcoal and dry if required.	
					- Clean godowns and spray with 1% Malathion on the walls before storage; also ensur	
					that it is well ventilated. Avoid fungal growth and pest rodent in store.	
Horticulture Crops	Store		Deat and dia	0000	A que meteonological advisanies	
Name of the crop Mango	Bearing trees		Pest and dis	ease	Agro-meteorological advisories As the winter is approaching, pruning of dead twigs and branches are very essential	
Mango	bearing trees				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				- Apply 108kg Urea+563kg SSP+100kg MOP per hectare and 108 kg Urea after a	
	harvesting of mid-sea				month of transplanting.	
	var. and transplantin late variety	ng or	leaf eating		- Spray Flubendiamide (Fame) @ 2ml/ 10 lit of water.	
	late valiety	-	caterpillar Cut Worm		- If missing, cut or wilted plant is observed then search for larvae in the soil nea	
			Cut World		damaged plant. If 5% or more of the plants have been cut then apply Phorate100	
					@25kg/ha or Metarrhizium anisopliae @ 5ml/ lit water.	
Onion	Nursery raising to la	nd			- Transplant 45-60 days old seedlings at a spacing of 10cm x 20cm.	
	preparation for			- Moist the bed before transplanting. Cover the seedlings only upto the root portion.		
	transplanting				Slight watering during and evening is very much necessary for at least 7-10 days till th seedlings get established.	
Garden pea	Vegetative				<ul> <li>Regularly monitor for soil moisture level in the crop field and insect pest infestation.</li> <li>Avoid plucking off of young shoots.</li> </ul>	
Animal Sciences						
Name of bird/ animal	Stage		Disease/		Agro-meteorological advisories	
			nagement	<i>a</i> .		
Poultry (Chicken/ Duck)	All age groups	Cocci	idiosis		Coccimar @ 2g/litre of drinking water for 5-7 days along with glucose.	
DUCK)		Dewo	orming	Use '	Ventrimizole @ 1g in 1 litre of drinking water for 3 days.	
		Care				
<u>a</u> 10 1	4.11		agement		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.	
		Vacci	ination	Vaco	cinate against FMD, HS, BQ & Enterotoxaemia, etc.	
Pig	All age groups except		orming		ndazole Plus Avermectin Table 6 mg/adult.	
	the young ones	Skin	diseases		ect from skin disease by using Deltamethrin solution @2ml/lit. Of water and bath with the	
Cattle	All aga ground	Vaca	ination	solut		
Cattle	All age groups excepts the young	Tick	ination		zinate against B.Q., F.M.D. & H.S. if not yet vaccinated. Butox liquid @ 2ml/ litre water twice a week while brushing animals.	
	ones	-	orming		Rafoxamide plus Levamizole (Rafox plus)/ Ranizole suspension @ 1ml/ 2kg body weight	
					5ml/ 10 kg body weight ( Ranizole) in lower altitude.	
		Care	and	Shed	ls must be kept dry.	
		Mana	agement	Use	bedding materials	
Fisheries						
Carp culture					Fish stocking may be done in small scale. Feeds should be provided @ 2-3 % body weight	
	1-2 times per day. Harv	vesting	of fishes may	de dor	ne. Select healthy fishes to be stocked as brooder.	





"Gramin Krishi Mausam Seva"



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Date of issue: 4th December, 2018

#### MANIPUR AGROMET ADVISORY BULLETIN

#### District: Senapati

Significant past weather for the preceding bi-weekly of Imphal West (27 th to 29 th Nov, 2018)	Weather forecast for Senapati (5 th to 9 th Dec, 2018)
No rainfall observed during the past four days. The sky remained clear for the first two days	Likely to have no rainfall up to Friday and shallow fog during morning hours over
and variable to overcast in the following two days. Maximum temperature ranged from 23.6-	next five days with mainly clear sky at day with maximum temp. 21.6 °C &
25.1 °C and minimum of 4.6 – 10.6 °C. Mean relative humidity of 86.3% max and 42.0 % min	minimum temp. 3.8 °C. Relative humidity may reach up to 92 % (max) and 34 %
was recorded in the past four days & average wind speed was $1.5 - 2.4$ km/ hr.	(min). The average wind speed may be 4.1 km/hr.
General Advisories.	

* Monitor for insect pest infestation in young plants in nursery plot. Sprays of neem oil may be given as prophylactic measures.

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. If the soil is dry, give light irrigation.		
Field pea	Vegetative				- Avoid plucking young shoots. If the soil is dry, give light irrigation.		
Lentil	Vegetative				- Monitor for soil moisture status.		
Rabi maize	Land preparation to	sowing	;		- Sowing of rabi maize may be started. It may be sown as intercrop with pulses.		
Seeds storage	Post-harvest management				<ul> <li>For seed purpose store the seeds in <i>RC-Seed Bin</i> after proper drying and cleaning o seeds along with dry charcoal at 80:20 w/w ratios. Check for moisture content or weigh of charcoal and dry if required.</li> <li>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.</li> </ul>		
Horticulture Crops							
Name of the crop	Stage		Pest and dis	ease	Agro-meteorological advisories		
Mango	Bearing trees		Pest and disease		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	ason			- Apply 108kg Urea+563kg SSP+100kg MOP per hectare and 108 kg Urea after a month of transplanting.		
	var. and transplantin late variety	ng of	g of leaf eating caterpillar		- Spray Flubendiamide (Fame) @ 2ml/ 10 lit of water.		
		Cut Worm		- If missing, cut or wilted plant is observed then search for larvae in the soil nea damaged plant. If 5% or more of the plants have been cut then apply Phorate100 @25kg/ha or Metarrhizium anisopliae @ 5ml/ lit water.			
Onion	Nursery raising to lan 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 th seedlings get established.		
Garden pea	Vegetative				<ul> <li>Regularly monitor for soil moisture level in the crop field and insect pest infestation.</li> <li>Avoid plucking off of young shoots.</li> </ul>		
Animal Sciences					A told placening of or young shoots		
Name of bird/ animal	Stage		Disease/ anagement		Agro-meteorological advisories		
Poultry (Chicken/	All age groups		idiosis	Give	Coccimar @ 2g/litre of drinking water for 5-7 days along with glucose.		
Duck)		Dewo	orming	Use	Ventrimizole @ 1g in 1 litre of drinking water for 3 days.		
		Care	-	Walls of sheds should be covered with polythene sheets/hessian cloths during the night.			
			agement		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.		
			_		inate against FMD, HS, BQ & Enterotoxaemia, etc.		
Pig	All age groups except	Dewe	orming		ndazole Plus Avermectin Table 6 mg/adult.		
	the young ones	Skin diseases Pro		Prote solut	ect from skin disease by using Deltamethrin solution @2ml/lit. Of water and bath with the ion		
Cattle All age groups Vaccination		ination		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.		
	ones	Dewo			Rafoxamide plus Levamizole (Rafox plus)/ Ranizole suspension @ 1ml/ 2kg body weight 5ml/ 10 kg body weight ( Ranizole) in lower altitude.		
		Care Man	and agement	Shed	s must be kept dry. bedding materials		
Fisheries			<u> </u>				
Carp culture					Fish stocking may be done in small scale. Feeds should be provided @ 2-3 % body weight i.e. Select healthy fishes to be stocked as brooder.		

"Gramin Krishi Mausam Seva"

# E-mail: agromet_mnp@yahoo.co.uk

Date of issue: 4th December, 2018

# MANIPUR AGROMET ADVISORY BULLETIN

District:	Tamengl	long
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Significant past weather for the preceding bi-weekly of Imphal West (27 th to 29 th Nov, 2018)	Weather forecast for Tamenglong (5 th to 9 th Dec, 2018)
No rainfall observed during the past four days. The sky remained clear for the first two days	Likely to have no rainfall up to Friday and shallow fog during morning hours over
and variable to overcast in the following two days. Maximum temperature ranged from 23.6-	next five days with mainly clear sky at day with maximum temp. 22.6 °C &
25.1 °C and minimum of 4.6 – 10.6 °C. Mean relative humidity of 86.3% max and 42.0 % min	minimum temp. 4.8 °C. Relative humidity may reach up to 91 % (max) and 38 %
was recorded in the past four days & average wind speed was $1.5 - 2.4$ km/ hr.	(min). The average wind speed may be 3.5 km/hr.
General Advisories:	

* Monitor for insect pest infestation in young plants in nursery plot. Sprays of neem oil may be given as prophylactic measures.

Field Crops			1			
Name of the crop	Stage		Pest an diseas		Agro-meteorological advisories	
Rapeseed/ mustard	Vegetative				- Thinning may be done where the plant population is high. If the soil is dry, give light irrigation.	
Field pea	Vegetative				- Avoid plucking young shoots. If the soil is dry, give light irrigation.	
Lentil	Vegetative				- Monitor for soil moisture status.	
Rabi maize	Land preparation to	sowing			- Sowing of rabi maize may be started. It may be sown as intercrop with pulses.	
Seeds storage	Post-harvest manage	Post-harvest management			<ul> <li>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.</li> <li>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.</li> </ul>	
Horticulture Crops			•			
Name of the crop	Stage		Pest and dis	sease	Agro-meteorological advisories	
Mango	Bearing trees		r est and uisease		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	ason			- Apply 108kg Urea+563kg SSP+100kg MOP per hectare and 108 kg Urea after a month of transplanting.	
	var. and transplantin late variety	-	leaf eating caterpillar Cut Worm		- Spray Flubendiamide (Fame) @ 2ml/ 10 lit of water.	
					- 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 Phorate100 @25kg/ha or Metarrhizium anisopliae @ 5ml/ lit water.	
Onion	Nursery raising to lan preparation for transplanting	nd			<ul> <li>Transplant 45-60 days old seedlings at a spacing of 10cm x 20cm.</li> <li>Moist the bed before transplanting. Cover the seedlings only upto the root portion.</li> <li>Slight watering during and evening is very much necessary for at least 7-10 days till the seedlings get established.</li> </ul>	
Garden pea	Vegetative				<ul> <li>Regularly monitor for soil moisture level in the crop field and insect pest infestation.</li> <li>Avoid plucking off of young shoots.</li> </ul>	
Animal Sciences						
Name of bird/ animal	Stage		Disease/ Management		Agro-meteorological advisories	
Poultry (Chicken/	All age groups	Cocci	0	Give	Coccimar @ 2g/litre of drinking water for 5-7 days along with glucose.	
Duck)		Dewo	rming	Use V	Ventrimizole @ 1g in 1 litre of drinking water for 3 days.	
			Care and		s of sheds should be covered with polythene sheets/hessian cloths during the night.	
			gement	Litters should be of 4.5 inches thick and stir it at regular interval.		
Sheep/ Goat	All age groups	Dewo			e Ranizole suspension @ 3ml/ 10 kg body weight.	
·		Vacci	nation	Vacc	inate against FMD, HS, BQ & Enterotoxaemia, etc.	
Pig	All age groups except	Dewo	rming		ndazole Plus Avermectin Table 6 mg/adult.	
	the young ones	Skin diseases Pr		Prote solut	ect from skin disease by using Deltamethrin solution @2ml/lit. Of water and bath with the ion	
			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	Dewo	0		Rafoxamide plus Levamizole (Rafox plus)/ Ranizole suspension @ 1ml/ 2kg body weight 5ml/ 10 kg body weight ( Ranizole) in lower altitude.	
		Care a Mana	and gement	Shed	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 the select healthy fishes to be stocked as brooder.	



"Gramin Krishi Mausam Seva"



Date of issue: 4th December, 2018



#### MANIPUR AGROMET ADVISORY BULLETIN

#### District: Thoubal

Significant past weather for the preceding bi-weekly of Imphal West (27 th to 29 th Nov, 2018)	Weather forecast for Thoubal (5 th to 9 th Dec, 2018)
No rainfall observed during the past four days. The sky remained clear for the first two days	Likely to have no rainfall up to Friday and shallow fog during morning hours over
and variable to overcast in the following two days. Maximum temperature ranged from 23.6-	next five days with mainly clear sky at day with maximum temp. 25.4 °C &
25.1 °C and minimum of 4.6 – 10.6 °C. Mean relative humidity of 86.3% max and 42.0 % min	minimum temp. 7.2 °C. Relative humidity may reach up to 96 % (max) and 45 %
was recorded in the past four days & average wind speed was $1.5 - 2.4$ km/ hr.	(min). The average wind speed may be 4 km/hr.
General Advisories:	-

* Monitor for insect pest infestation in young plants in nursery plot. Sprays of neem oil may be given as prophylactic measures.

* Keep the soil moist throughout the vegetative stage.

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. If the soil is dry, give light irrigation.
Field pea	Vegetative				- Avoid plucking young shoots. If the soil is dry, give light irrigation.
Lentil	Vegetative				- Monitor for soil moisture status.
Rabi maize	Land preparation to	sowing	g		- Sowing of rabi maize may be started. It may be sown as intercrop with pulses.
Seeds storage	Post-harvest manage	Post-harvest management			<ul> <li>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.</li> <li>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.</li> </ul>
Horticulture Crops					
Name of the crop	Stage		Pest and dis	ease	Agro-meteorological advisories
Mango	Bearing trees	r est and uisease			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				- Apply 108kg Urea+563kg SSP+100kg MOP per hectare and 108 kg Urea after a month of transplanting.	
	var. and transplantin late variety				- Spray Flubendiamide (Fame) @ 2ml/ 10 lit of water.
			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 Phorate100 @25kg/ha or Metarrhizium anisopliae @ 5ml/ lit water.
Onion	Nursery raising to lar preparation for transplanting	nd			<ul> <li>Transplant 45-60 days old seedlings at a spacing of 10cm x 20cm.</li> <li>Moist the bed before transplanting. Cover the seedlings only upto the root portion.</li> <li>Slight watering during and evening is very much necessary for at least 7-10 days till the seedlings get established.</li> </ul>
Garden pea	Vegetative				<ul> <li>Regularly monitor for soil moisture level in the crop field and insect pest infestation.</li> <li>Avoid plucking off of young shoots.</li> </ul>
Animal Sciences					A for presing of or young shoots
Name of bird/ animal	Stage		Disease/ Management		Agro-meteorological advisories
Poultry (Chicken/	All age groups		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		e Ranizole suspension @ 3ml/ 10 kg body weight.
		Vaco	cination		inate against FMD, HS, BQ & Enterotoxaemia, etc.
Pig	All age groups except		orming		ndazole Plus Avermectin Table 6 mg/adult.
	the young ones			Prote solut	ect from skin disease by using Deltamethrin solution @2ml/lit. Of water and bath with the ion
Cattle				inate against B.Q., F.M.D. & H.S. if not yet vaccinated.	
	excepts the young ones	excepts the young Tick ones Dewo		Give	Butox liquid @ 2ml/ litre water twice a week while brushing animals. Rafoxamide plus Levamizole (Rafox plus)/ Ranizole suspension @ 1ml/ 2kg body weight
	Care				5ml/ 10 kg body weight ( Ranizole) in lower altitude. s must be kept dry.
		Man	agement	Use l	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.

# IČAR

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Date of issue: 4th December, 2018

# MANIPUR AGROMET ADVISORY BULLETIN

#### District: Ukhrul

	4. 4.
Significant past weather for the preceding bi-weekly of Imphal West (27 th to 29 th Nov, 2018)	Weather forecast for Ukhrul (5 th to 9 th Dec, 2018)
No rainfall observed during the past four days. The sky remained clear for the first two days	Likely to have no rainfall up to Friday and shallow fog during morning hours over
and variable to overcast in the following two days. Maximum temperature ranged from 23.6-	next five days with mainly clear sky at day with maximum temp. 22.8 °C &
25.1 °C and minimum of 4.6 - 10.6 °C. Mean relative humidity of 86.3% max and 42.0 % min	minimum temp. 4.8 °C. Relative humidity may reach up to 92 % (max) and 35 %
was recorded in the past four days & average wind speed was $1.5 - 2.4$ km/ hr.	(min). The average wind speed may be 4.3 km/hr.
General Advisories:	

* Monitor for insect pest infestation in young plants in nursery plot. Sprays of neem oil may be given as prophylactic measures. * Keep the soil moist throughout the vegetative stage.

Field Crops	C:		·	
Name of the crop	Stage		st and sease	Agro-meteorological advisories
Rapeseed/ mustard	Vegetative			- Thinning may be done where the plant population is high. If the soil is dry, give ligh irrigation.
Field pea	Vegetative			- Avoid plucking young shoots. If the soil is dry, give light irrigation.
Lentil	Vegetative			- Monitor for soil moisture status.
Rabi maize	Land preparation to	sowing		- Sowing of rabi maize may be started. It may be sown as intercrop with pulses.
Seeds storage	Post-harvest manage			- For seed purpose store the seeds in <i>RC-Seed Bin</i> after proper drying and cleaning of
beeus storage	r obt har tot hange			seeds along with dry charcoal at 80:20 w/w ratios. Check for moisture content or weigh
				of charcoal and dry if required.
				- Clean godowns and spray with 1% Malathion on the walls before storage; also ensur
				that it is well ventilated. Avoid fungal growth and pest rodent in store.
Horticulture Crops				
Name of the crop	Stage	Pest and	d 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	n to		- Apply 108kg Urea+563kg SSP+100kg MOP per hectare and 108 kg Urea after
	harvesting of mid-sea			month of transplanting.
	var. and transplantin		ng	- Spray Flubendiamide (Fame) @ 2ml/ 10 lit of water.
	late variety	caterpill	ar	
		Cut Wor	rm	- 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 Phorate100
0.1				@25kg/ha or Metarrhizium anisopliae @ 5ml/ lit water.
Onion	Nursery raising to lar preparation for	nd		- Transplant 45-60 days old seedlings at a spacing of 10cm x 20cm.
	transplanting			- 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
	ti anspianting			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		<b>-</b>		
Name of bird/ animal	Stage	Disease/		Agro-meteorological advisories
Poultry (Chicken/	All aga grouns	Management Coccidiosis		e Coccimar @ 2g/litre of drinking water for 5-7 days along with glucose.
Duck)	All age groups			
Duch		Deworming		Ventrimizole @ 1g in 1 litre of drinking water for 3 days.
		Care and		lls of sheds should be covered with polythene sheets/hessian cloths during the night.
Share / Cast		Management		ers should be of 4.5 inches thick and stir it at regular interval.
Sheep/ Goat	All age groups	Deworming		ve Ranizole suspension @ 3ml/ 10 kg body weight.
		Vaccination		cinate against FMD, HS, BQ & Enterotoxaemia, etc.
Pig	All age groups except	Deworming		endazole Plus Avermectin Table 6 mg/adult.
	the young ones	Skin diseases		tect from skin disease by using Deltamethrin solution @2ml/lit. Of water and bath with the tion
Cattle	All age groups	Vaccination		cinate 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	Deworming	Giv	e Rafoxamide plus Levamizole (Rafox plus)/ Ranizole suspension @ 1ml/ 2kg body weight
				.5ml/ 10 kg body weight ( Ranizole) in lower altitude.
		Care and		ds must be kept dry.
This is set as		Management	Use	bedding materials
Fisheries Carp culture	Maintair la la	at a danth af 1 a	n to 1 5-	Fish stocking may be done in small scale. Feeds should be provided @ 2-3 % body weight



