

; Fax : (0385) 2414654, 2414749 E-mail: agromet_mnp@yahoo.co.uk ICAR Research Complex for N.E.H. Region 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 (21st to 23rd Dec., 2018)

No rainfall was observed during the past three days. The skies remained mainly clear to partly cloudy. Maximum temperature ranged from 23.5-24.3 °C and minimum of 6.8-8.0 °C. Mean relative humidity of 88 % max and 48 % min was recorded in the past three days & average wind speed was 1.4-2.2 km/hr.

Weather forecast for Bishnupur (25th to 29th Dec., 2018)

Likely to have no rains, dense fog during morning hours and mainly clear to partly cloudy sky during next five days with maximum temp. 23-25 $^{\circ}C$ & minimum temp. 6-8 $^{\circ}C$. Relative humidity may reach upto 90 % (max) and 43 % (min). The average wind speed may be 1-2 km/hr.

Date of issue: 24th December, 2018

General Advisories:

Field Crops							
Name of the crop	Stage		Pest an diseas		Agro-meteorological advisories		
Rapeseed/ Mustard/ Field pea/ Lentil	Vegetative				- Thinning may be done, if plant population is high. Monitor for insect pest on the crop Apply foliar application of urea (5pumps/sangam @ 10g/pump) in rapeseed/ mustard.		
Potato	Vegetative				- Inter-culture operations may be done Spray Mancozeb at 7-10 days interval against early blight.		
Rabi maize	Sowing				- Sowing of rabi maize may be done. It may be sown as intercrop with pulses with 60cm width 40cm high ridges along east-west may be prepared after ploughing. Southern face may be sown with maize and northern with pea seeds.		
Seeds storage	Post-harvest Manage	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. Avoid fungal growth and pest rodent in store. 		
Horticulture Crops							
Name of the crop	Stage		Pest and dis	sease	Agro-meteorological advisories		
Cole Crops	Curd/ head formation harvesting of mid-sea				- Spray Flubendiamide (Fame) @ 2ml/ 10 lit of water before rains.		
	var. and transplantin late variety	var. and transplanting of late variety			- Apply Tracel @ 300gm/ sangam in 30-35days old cauliflower to avoid leaf curling, development of purple coloured vein due to absence of micronutrient. If required repeat it after 10 days.		
Onion	Vegetative				- Apply 64kg urea/ sangam after 30-35 days of transplanting. Weeding and earthing up may be done.		
Garden pea/ Broad bean	Vegetative	egetative		ldew ust	- Spray Bayleton @ 7 g/ 10 litres of water against powdery mildew and yellow rust especially to the crops grown in moist/ shady area.		
Cucurbits	Nursery bed prepara	tion			- Preparation for raising cucurbits seedlings under low-cost poly house may be started.		
Tomato	Vegetative		Early Blight		- Spray Imidachloprid against Early Blight.		
Animal Sciences		, ,					
* Arrange for external hea			morning hours Disease/	3.	Associated and the territory		
	Stage	M	anagement		Agro-meteorological advisories		
Poultry (Chicken/	All age groups	Coc	cidiosis		Coccimar @ 2g/litre of drinking water for 5-7 days along with glucose.		
Duck)			e and nagement	Protect animals/ birds from sudden drop in temperature. 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	Dew	orming	- Giv	re Ranizole suspension @ 3ml/ 10 kg body weight.		
Pig	All age groups except	Dew	orming	Albe	Albendazole Plus Avermectin Table 6 mg/adult.		
0	the young ones The young ones Coccidial infection Skin disease		Coccidial		Ofloxacine/ Ornidazole (O ₂) tab twice daily for 5 days.		
			diseases		otect from skin disease by using Deltamethrin solution @2ml/lit. Of water and bath with the ution		
Cattle	All age groups	Tick			Butox liquid @ 2ml/ litre water twice a week while brushing animals.		
	excepts the young ones	Dew	orming		Rafoxamide plus Levamizole (Rafox plus)/ Ranizole suspension @ 1ml/ 2kg body weight 5ml/ 10 kg body weight (Ranizole) in lower altitude.		
	Care a		e and nagement	Shed	s must be kept dry. Use bedding materials.		



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"Gramin Krishi Mausam Seva"



MANIPUR AGROMET ADVISORY BULLETIN

District: Chandel

Significant past weather for the preceding bi-weekly of Imphal West (21st to 23rd Dec., 2018)

No rainfall was observed during the past three days. The skies remained mainly clear to partly cloudy. Maximum temperature ranged from $23.5-24.3~^{\circ}\text{C}$ and minimum of $6.8-8.0~^{\circ}\text{C}$. Mean relative humidity of 88~% max and 48~% min was recorded in the past three days & average wind speed was 1.4-2.2~km/hr.

Weather forecast for Chandel (25th to 29th Dec., 2018)

Likely to have no rains, dense fog during morning hours and mainly clear to partly cloudy sky during next five days with maximum temp. 23-25 $^{\circ}C$ & minimum temp. 6-8 $^{\circ}C$. Relative humidity may reach upto 94 % (max) and 41 % (min). The average wind speed may be 3-4 km/hr.

Date of issue: 24th December, 2018

General Advisories:

Field Crops							
Name of the crop	Stage		Pest an		Agro-meteorological advisories		
Rapeseed/ Mustard/ Field pea/ Lentil	Vegetative				- Thinning may be done, if plant population is high. Monitor for insect pest on the crop Apply foliar application of urea (5pumps/sangam @10g/pump) in rapeseed/ mustard.		
Potato	Vegetative				- Inter-culture operations may be done. - Spray Mancozeb at 7-10 days interval against early blight.		
Rabi maize	Sowing				- Sowing of rabi maize may be done. It may be sown as intercrop with pulses with 60cm width 40cm high ridges along east-west may be prepared after ploughing. Southern face may be sown with maize and northern with pea seeds.		
Seeds storage	Post-harvest Manage	ment			 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. Avoid fungal growth and pest rodent in store. 		
Horticulture Crops							
Name of the crop	Stage		Pest and dis	ease	Agro-meteorological advisories		
Cole Crops	Curd/ head formation harvesting of mid-sea		leaf eating caterpillar		- Spray Flubendiamide (Fame) @ 2ml/ 10 lit of water before rains.		
	var. and transplantin late variety	g of			- Apply Tracel @ 300gm/ sangam in 30-35days old cauliflower to avoid leaf curling, development of purple coloured vein due to absence of micronutrient. If required repeat it after 10 days.		
Onion	Vegetative				- Apply 64kg urea/ sangam after 30-35 days of transplanting. Weeding and earthing up may be done.		
Garden pea/ Broad bean	Vegetative		Powdery mil and yellow r		- Spray Bayleton @ 7 g/ 10 litres of water against powdery mildew and yellow rust especially to the crops grown in moist/ shady area.		
Cucurbits	Nursery bed prepara	tion			- Preparation for raising cucurbits seedlings under low-cost poly house may be started.		
Tomato	Vegetative		Early Blight		- Spray Imidachloprid against Early Blight.		
Animal Sciences							
* Arrange for external heat				S.			
Name of bird/ animal	Stage	M	Disease/ anagement		Agro-meteorological advisories		
• 1	All age groups	Coco	cidiosis	Give	Coccimar @ 2g/litre of drinking water for 5-7 days along with glucose.		
Duck)			e and agement	with	Protect animals/ birds from sudden drop in temperature. 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	Dew	orming		re Ranizole suspension @ 3ml/ 10 kg body weight.		
_	All age groups except		orming	Albei	ndazole Plus Avermectin Table 6 mg/adult.		
	the young ones	Coco	Coccidial infection		Pfloxacine/ Ornidazole (O ₂) tab twice daily for 5 days.		
					ect from skin disease by using Deltamethrin solution @2ml/lit. Of water and bath with the ion		
	All age groups	Tick			Butox liquid @ 2ml/ litre water twice a week while brushing animals.		
	excepts the young ones	Dew	orming	or 5.5	Rafoxamide plus Levamizole (Rafox plus)/ Ranizole suspension @ 1ml/ 2kg body weight 5ml/ 10 kg body weight (Ranizole) in lower altitude.		
			and agement		s must be kept dry. Use bedding materials.		



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"Gramin Krishi Mausam Seva"



MANIPUR AGROMET ADVISORY BULLETIN

District: Churachandpur

Significant past weather for the preceding bi-weekly of Imphal West (21st to 23rd Dec., 2018)

No rainfall was observed during the past three days. The skies remained mainly clear to partly cloudy. Maximum temperature ranged from 23.5-24.3 °C and minimum of 6.8-8.0 °C. Mean relative humidity of 88 % max and 48 % min was recorded in the past three days & average wind speed was 1.4-2.2 km/hr.

Weather forecast for Churachandpur (25th to 29th Dec., 2018)

Likely to have no rains, fog during morning hours and mainly clear to partly cloudy sky during next five days with maximum temp. 25-26 $^{\circ}$ C & minimum temp. 6-8 $^{\circ}$ C. Relative humidity may reach upto 94 % (max) and 37 % (min). The average wind speed may be 3 km/hr.

Date of issue: 24th December, 2018

General Advisories:

Field Crops						
Name of the crop	Stage		Pest an	ıd	Agro-meteorological advisories	
				e		
Rapeseed/ Mustard/ Field	l Vegetative				- Thinning may be done, if plant population is high. Monitor for insect pest on the crop.	
pea/ Lentil					- Apply foliar application of urea (5pumps/sangam @10g/pump) in rapeseed/ mustard.	
Potato	Vegetative				- Inter-culture operations may be done.	
Dahii	Ci				- Spray Mancozeb at 7-10 days interval against early blight Sowing of rabi maize may be done. It may be sown as intercrop with pulses with 60cm	
Rabi maize	Sowing				width 40cm high ridges along east-west may be prepared after ploughing. Southern face	
					may be sown with maize and northern with pea seeds.	
Seeds storage	Post-harvest Manage	ment			- For seed purpose store the seeds in <i>RC-Seed Bin</i> after proper drying and cleaning of	
Decas secreta	1 000 1111 (000 1 1 1 1 1 1 1 1 1 1 1 1				seeds along with dry charcoal at 80:20 w/w ratios. Check for moisture content or weight	
					of charcoal and dry if required.	
					- Avoid fungal growth and pest rodent in store.	
Horticulture Crops						
Name of the crop	Stage		Pest and dis	sease	Agro-meteorological advisories	
Cole Crops	Curd/ head formation		leaf eating		- Spray Flubendiamide (Fame) @ 2ml/ 10 lit of water before rains.	
	harvesting of mid-sea		caterpillar			
	var. and transplantin	g of			- Apply Tracel @ 300gm/ sangam in 30-35days old cauliflower to avoid leaf curling,	
	late variety				development of purple coloured vein due to absence of micronutrient. If required repeat it after 10 days.	
Onion	Vegetative				- Apply 64kg urea/ sangam after 30-35 days of transplanting. Weeding and earthing up	
Ollon	Vegetative				may be done.	
Garden pea/ Broad bean	Vegetative		Powdery mildev		- Spray Bayleton @ 7 g/ 10 litres of water against powdery mildew and yellow rust	
•			and yellow r		especially to the crops grown in moist/ shady area.	
Cucurbits	Nursery bed prepara	tion			- Preparation for raising cucurbits seedlings under low-cost poly house may be started.	
Tomato	Vegetative		Early Blight		- Spray Imidachloprid against Early Blight.	
Animal Sciences						
* Arrange for external hea				S.		
Name of bird/ animal	Stage		Disease/		Agro-meteorological advisories	
Davilton (Chialan)	A 11		anagement cidiosis	Cian	Ci	
Poultry (Chicken/ Duck)	All age groups				Coccimar @ 2g/litre of drinking water for 5-7 days along with glucose.	
Duck)			e and		ect animals/ birds from sudden drop in temperature. Walls of sheds should be covered	
		Mar	nagement		polythene sheets/hessian cloths during the night.	
Sheep/ Goat	All age groups	Dow	orming		ers should be of 4.5 inches thick and stir it at regular interval. The Ranizole suspension @ 3ml/10 kg body weight.	
-	0 0 1					
Pig	All age groups except			Albendazole Plus Avermectin Table 6 mg/adult.		
	the young ones		cidial	Oflox	xacine/ Ornidazole (O ₂) tab twice daily for 5 days.	
			ction	Donat		
	Skin diseases		diseases	Protect from skin disease by using Deltamethrin solution @2ml/lit. Of water and bath with the solution		
Cattle	All age groups	Tick			Butox liquid @ 2ml/ litre water twice a week while brushing animals.	
	excepts the young		orming		Rafoxamide plus Levamizole (Rafox plus)/ Ranizole suspension @ 1ml/ 2kg body weight	
	ones	2011			5ml/ 10 kg body weight (Ranizole) in lower altitude.	
					s must be kept dry. Use bedding materials.	
		Mar	nagement			



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"Gramin Krishi Mausam Seva"



MANIPUR AGROMET ADVISORY BULLETIN

District: Imphal East

Significant past weather for the preceding bi-weekly of Imphal West (21st to 23rd Dec., 2018)

No rainfall was observed during the past three days. The skies remained mainly clear to partly cloudy. Maximum temperature ranged from 23.5-24.3 °C and minimum of 6.8-8.0 °C. Mean relative humidity of 88 % max and 48 % min was recorded in the past three days & average wind speed was 1.4-2.2 km/hr.

Weather forecast for Imphal East (25th to 29th Dec., 2018)

Likely to have no rains, dense fog during morning hours and mainly clear to partly cloudy sky during next five days with maximum temp. 24-25 $^{\circ}C$ & minimum temp. 6-7 $^{\circ}C$. Relative humidity may reach upto 81 % (max) and 37 % (min). The average wind speed may be 5 km/hr.

Date of issue: 24th December, 2018

General Advisories:

Field Crops								
Name of the crop	Stage		Pest an	d	Agro-meteorological advisories			
•		Ü		e e				
Rapeseed/ Mustard/ Field	l Vegetative	itive			- Thinning may be done, if plant population is high. Monitor for insect pest on the crop.			
pea/ Lentil					- Apply foliar application of urea (5pumps/sangam @10g/pump) in rapeseed/ mustard.			
Potato	Vegetative				- Inter-culture operations may be done.			
					- Spray Mancozeb at 7-10 days interval against early blight.			
Rabi maize	Sowing				- Sowing of rabi maize may be done. It may be sown as intercrop with pulses with 60cm			
					width 40cm high ridges along east-west may be prepared after ploughing. Southern face			
					may be sown with maize and northern with pea seeds.			
Seeds storage	Post-harvest Manage	ment			- 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.			
TT C I C					- Avoid fungal growth and pest rodent in store.			
Horticulture Crops								
Name of the crop	Stage		Pest and dis	ease	Agro-meteorological advisories			
Cole Crops	Curd/ head formation		leaf eating		- Spray Flubendiamide (Fame) @ 2ml/ 10 lit of water before rains.			
	harvesting of mid-sea		caterpillar		1 1 7 1 0 200 / 1 20 27 1 1 W			
	var. and transplantin	g of			- Apply Tracel @ 300gm/ sangam in 30-35days old cauliflower to avoid leaf curling,			
	late variety				development of purple coloured vein due to absence of micronutrient. If required repeat			
	T7 4 4*				it after 10 days.			
Onion	Vegetative				- Apply 64kg urea/ sangam after 30-35 days of transplanting. Weeding and earthing up may be done.			
Garden pea/ Broad bean	Vegetative		Powdery mildew		- Spray Bayleton @ 7 g/ 10 litres of water against powdery mildew and yellow rust			
			and yellow rust		especially to the crops grown in moist/ shady area.			
Cucurbits	Nursery bed prepara	tion			- Preparation for raising cucurbits seedlings under low-cost poly house may be started.			
Tomato	Vegetative		Early Blight		- Spray Imidachloprid against Early Blight.			
Animal Sciences								
* Arrange for external hea								
Name of bird/ animal	Stage		Disease/		Agro-meteorological advisories			
			anagement	~.				
Poultry (Chicken/	All age groups	Coco	cidiosis		Coccimar @ 2g/litre of drinking water for 5-7 days along with glucose.			
Duck)		Care	e and		ect animals/ birds from sudden drop in temperature. Walls of sheds should be covered			
		Man	Ianagement		vith 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.			
Pig	All age groups except		Deworming A		lbendazole Plus Avermectin Table 6 mg/adult.			
	the young ones Coccidial			Ofloxacine/ Ornidazole (O2) tab twice daily for 5 days.				
infection Skin diseases		****						
		diseases		ect from skin disease by using Deltamethrin solution @2ml/lit. Of water and bath with the				
					ion			
Cattle	All age groups	Tick			Butox liquid @ 2ml/ litre water twice a week while brushing animals.			
	excepts the young	Dew	orming		Rafoxamide plus Levamizole (Rafox plus)/ Ranizole suspension @ 1ml/ 2kg body weight			
	ones	~			5ml/ 10 kg body weight (Ranizole) in lower altitude.			
			and	Shed	s must be kept dry. Use bedding materials.			
		Man	agement					



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"Gramin Krishi Mausam Seva"



MANIPUR AGROMET ADVISORY BULLETIN

District: Imphal West

Significant past weather for the preceding bi-weekly of Imphal West (21st to 23rd Dec., 2018)

No rainfall was observed during the past three days. The skies remained mainly clear to partly cloudy. Maximum temperature ranged from 23.5-24.3 °C and minimum of 6.8-8.0 °C. Mean relative humidity of 88 % max and 48 % min was recorded in the past three days & average wind speed was 1.4-2.2 km/hr.

Weather forecast for Imphal West (25th to 29th Dec., 2018)

Likely to have no rains, dense fog during morning hours and mainly clear to partly cloudy sky during next five days with maximum temp. 23-25 $^{\circ}C$ & minimum temp. 6-7 $^{\circ}C$. Relative humidity may reach upto 87 % (max) and 44 % (min). The average wind speed may be 4 km/hr.

Date of issue: 24th December, 2018

General Advisories:

Field Crops	g:		Pest an					
Name of the crop	Stage			id e	Agro-meteorological advisories			
Rapeseed/ Mustard/ Field	Vegetative				- Thinning may be done, if plant population is high. Monitor for insect pest on the crop.			
pea/ Lentil					- Apply foliar application of urea (5pumps/sangam @10g/pump) in rapeseed/ mustard.			
Potato	Vegetative				- Inter-culture operations may be done.			
					- Spray Mancozeb at 7-10 days interval against early blight.			
Rabi maize	Sowing				- Sowing of rabi maize may be done. It may be sown as intercrop with pulses with 60cm			
					width 40cm high ridges along east-west may be prepared after ploughing. Southern face			
C14	Don't house of Mossoco				may be sown with maize and northern with pea seeds.			
Seeds storage	Post-harvest Manage	ment			- 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.			
					- Avoid fungal growth and pest rodent in store.			
Horticulture Crops					, , , , , , , , , , , , , , , , , , ,			
Name of the crop	Stage		Pest and dis	ease	Agro-meteorological advisories			
Cole Crops	Curd/ head formation	n to	leaf eating		- Spray Flubendiamide (Fame) @ 2ml/10 lit of water before rains.			
•	harvesting of mid-sea	ason	caterpillar					
	var. and transplantin	g of	•		- Apply Tracel @ 300gm/ sangam in 30-35days old cauliflower to avoid leaf curling,			
	late variety				development of purple coloured vein due to absence of micronutrient. If required repeat			
					it after 10 days.			
Onion	Vegetative				- Apply 64kg urea/ sangam after 30-35 days of transplanting. Weeding and earthing up may be done.			
Garden pea/ Broad bean	Vegetative		Powdery mildew		- Spray Bayleton @ 7 g/ 10 litres of water against powdery mildew and yellow rust			
			and yellow rust		especially to the crops grown in moist/ shady area.			
Cucurbits	Nursery bed prepara	tion			- Preparation for raising cucurbits seedlings under low-cost poly house may be started.			
Tomato	Vegetative		Early Blight		- Spray Imidachloprid against Early Blight.			
Animal Sciences		, ,	. ,					
* Arrange for external heat Name of bird/ animal	0 0		morning hours Disease/	· .	A			
Name of bird/ animal	Stage		anagement		Agro-meteorological advisories			
Poultry (Chicken/	All age groups		cidiosis	Give	Coccimar @ 2g/litre of drinking water for 5-7 days along with glucose.			
Duck)	g. g.r		and		• • • • • • • •			
ŕ			anu agement		Protect animals/ birds from sudden drop in temperature. Walls of sheds should be covered with polythene sheets/hessian cloths during the night.			
		Man	agement	Litters should be of 4.5 inches thick and stir it at regular interval.				
Sheep/ Goat	All age groups	Dew	orming		re Ranizole suspension @ 3ml/10 kg body weight.			
Pig	All age groups except	Dew	orming	Albe	ndazole Plus Avermectin Table 6 mg/adult.			
1.6	the young ones	• •			xacine/ Ornidazole (O ₂) tab twice daily for 5 days.			
infection Skin diseases			0	nomenic orindazore (92) tab twice daily for 5 days.				
		diseases	Prote	rotect from skin disease by using Deltamethrin solution @2ml/lit. Of water and bath with the				
					ion			
Cattle	All age groups		Tick		Butox liquid @ 2ml/ litre water twice a week while brushing animals.			
	excepts the young	Dew	orming		Rafoxamide plus Levamizole (Rafox plus)/ Ranizole suspension @ 1ml/ 2kg body weight			
	ones				5ml/ 10 kg body weight (Ranizole) in lower altitude.			
			and	Shed	s must be kept dry. Use bedding materials.			
		Man	agement					



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MANIPUR AGROMET ADVISORY BULLETIN

District: Senapati

Significant past weather for the preceding bi-weekly of Imphal West (21st to 23rd Dec., 2018)

No rainfall was observed during the past three days. The skies remained mainly clear to partly cloudy. Maximum temperature ranged from 23.5-24.3 °C and minimum of 6.8-8.0 °C. Mean relative humidity of 88 % max and 48 % min was recorded in the past three days & average wind speed was 1.4-2.2 km/hr.

Weather forecast for Senapati (25th to 29th Dec., 2018)

Likely to have no rains, fog during morning hours and mainly clear to partly cloudy sky during next five days with maximum temp. $24\text{-}26~^\circ\text{C}$ & minimum temp. $5\text{-}7~^\circ\text{C}$. Relative humidity may reach upto 84~% (max) and 37~% (min). The average wind speed may be 4-5~km/hr.

Date of issue: 24th December, 2018

General Advisories:

Field Crops							
Name of the crop	Stage		Pest and disease		Agro-meteorological advisories		
D 1/M 1/E' . 1	X74.4*	X7 4 4*		e			
Rapeseed/ Mustard/ Fiel pea/ Lentil					- Thinning may be done, if plant population is high. Monitor for insect pest on the crop Apply foliar application of urea (5pumps/sangam @10g/pump) in rapeseed/ mustard.		
Rabi maize	Sowing				- Sowing of rabi maize may be done. It may be sown as intercrop with pulses with 60cm width 40cm high ridges along east-west may be prepared after ploughing. Southern face may be sown with maize and northern with pea seeds.		
Seeds storage	Post-harvest Manage	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. Avoid fungal growth and pest rodent in store. 		
Horticulture Crops							
Name of the crop	Stage		Pest and dis	sease	Agro-meteorological advisories		
Cole Crops	Curd/ head formation harvesting of mid-sea		leaf eating caterpillar		- Spray Flubendiamide (Fame) @ 2ml/ 10 lit of water before rains.		
	var. and transplanting late variety				- Apply Tracel @ 300gm/ sangam in 30-35days old cauliflower to avoid leaf curling, development of purple coloured vein due to absence of micronutrient. If required repeat it after 10 days.		
Onion	Vegetative	egetative			- Apply 64kg urea/ sangam after 30-35 days of transplanting. Weeding and earthing up may be done.		
Garden pea/ Broad bear	Garden pea/ Broad bean Vegetative		Powdery milde and yellow rust		- Spray Bayleton @ 7 g/ 10 litres of water against powdery mildew and yellow rust especially to the crops grown in moist/ shady area.		
Cucurbits	Nursery bed prepara	tion			- Preparation for raising cucurbits seedlings under low-cost poly house may be started.		
Tomato	Vegetative		Early Blight		- Spray Imidachloprid against Early Blight.		
Animal Sciences							
	eat source during night and			š.			
Name of bird/ animal	Stage		Disease/ anagement		Agro-meteorological advisories		
Poultry (Chicken/	All age groups	Coco	cidiosis	s Give Coccimar @ 2g/litre of drinking water for 5-7 days along with glucose.			
Duck)			e and agement	with	Protect animals/ birds from sudden drop in temperature. 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	Dew	orming		ve Ranizole suspension @ 3ml/ 10 kg body weight.		
Pig	All age groups except		orming		Albendazole Plus Avermectin Table 6 mg/adult.		
the young ones Cocci				Ofloxacine/ Ornidazole (O ₂) tab twice daily for 5 days.			
		Skin diseases			Protect from skin disease by using Deltamethrin solution @2ml/lit. Of water and bath with the solution		
Cattle	All age groups	Tick			Butox liquid @ 2ml/ litre water twice a week while brushing animals.		
	excepts the young ones	Dew	orming		Rafoxamide plus Levamizole (Rafox plus)/ Ranizole suspension @ 1ml/ 2kg body weight 5ml/ 10 kg body weight (Ranizole) in lower altitude.		
			Care and Management		ls must be kept dry. Use bedding materials.		



ICAR Research Complex for N.E.H. Region 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 (21st to 23rd Dec., 2018)

No rainfall was observed during the past three days. The skies remained mainly clear to partly cloudy. Maximum temperature ranged from $23.5-24.3\,^{\circ}\mathrm{C}$ and minimum of $6.8-8.0\,^{\circ}\mathrm{C}$. Mean relative humidity of $88\,\%$ max and $48\,\%$ min was recorded in the past three days & average wind speed was $1.4-2.2\,\mathrm{km/hr}$.

Weather forecast for Tamenglong (25th to 29th Dec., 2018)

E-mail: agromet_mnp@yahoo.co.uk

Likely to have no rains, fog during morning hours and mainly clear to partly cloudy sky during next five days with maximum temp. 25-26 $^{\circ}$ C & minimum temp. 7-9 $^{\circ}$ C. Relative humidity may reach upto 87 % (max) and 37 % (min). The average wind speed may be 3-4 km/hr.

Date of issue: 24th December, 2018

General Advisories:

Field Crops							
Name of the crop			Pest an disease		Agro-meteorological advisories		
Rapeseed/ Mustard/ Field pea/ Lentil	Vegetative	Vegetative			- Thinning may be done, if plant population is high. Monitor for insect pest on the crop Apply foliar application of urea (5pumps/sangam @10g/pump) in rapeseed/ mustard.		
Potato	Vegetative				- Inter-culture operations may be done Spray Mancozeb at 7-10 days interval against early blight.		
Rabi maize	Sowing				- Sowing of rabi maize may be done. It may be sown as intercrop with pulses with 60cm width 40cm high ridges along east-west may be prepared after ploughing. Southern face may be sown with maize and northern with pea seeds.		
Seeds storage	Post-harvest Management				For seed purpose store the seeds in RC-Seed Bin after proper drying and cleaning of seeds along with dry charcoal at 80:20 w/w ratios. Check for moisture content or weight of charcoal and dry if required. Avoid fungal growth and pest rodent in store.		
Horticulture Crops							
Name of the crop	Stage		Pest and dis	ease	Agro-meteorological advisories		
Cole Crops	Curd/ head formation harvesting of mid-sea		leaf eating caterpillar		- Spray Flubendiamide (Fame) @ 2ml/ 10 lit of water before rains.		
	var. and transplanting of late variety		•		- Apply Tracel @ 300gm/ sangam in 30-35days old cauliflower to avoid leaf curling, development of purple coloured vein due to absence of micronutrient. If required repeat it after 10 days.		
Onion	Vegetative				- Apply 64kg urea/ sangam after 30-35 days of transplanting. Weeding and earthing up may be done.		
Garden pea/ Broad bean	Garden pea/ Broad bean Vegetative		Powdery mildew and yellow rust		- Spray Bayleton @ 7 g/ 10 litres of water against powdery mildew and yellow rust especially to the crops grown in moist/ shady area.		
Cucurbits	Nursery bed prepara	tion			- Preparation for raising cucurbits seedlings under low-cost poly house may be started.		
Tomato	Vegetative		Early Blight		- Spray Imidachloprid against Early Blight.		
Animal Sciences	1	, ,	. ,				
* Arrange for external heat Name of bird/ animal	Stage		morning hours Disease/	i .	Agro-meteorological advisories		
			anagement				
	All age groups	Coco	cidiosis	Give	Coccimar @ 2g/litre of drinking water for 5-7 days along with glucose.		
Duck)			e and agement	with	Protect animals/ birds from sudden drop in temperature. Walls of sheds should be covered with polythene sheets/hessian cloths during the night.		
Sheep/ Goat	All age groups	Dew	orming		ers should be of 4.5 inches thick and stir it at regular interval.		
-	All age groups except		Ü		ndazole Plus Avermectin Table 6 mg/adult.		
	the young ones	Coco			Ofloxacine/ Ornidazole (O ₂) tab twice daily for 5 days.		
					ect from skin disease by using Deltamethrin solution @2ml/lit. Of water and bath with the tion		
	All age groups	Tick			se Butox liquid @ 2ml/ litre water twice a week while brushing animals.		
	excepts the young ones	Dew	orming		Rafoxamide plus Levamizole (Rafox plus)/ Ranizole suspension @ 1ml/ 2kg body weight 5ml/ 10 kg body weight (Ranizole) in lower altitude.		
Care ar			e and agement	Shed	ls must be kept dry. Use bedding materials.		



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"Gramin Krishi Mausam Seva"



MANIPUR AGROMET ADVISORY BULLETIN

District: Thoubal

Significant past weather for the preceding bi-weekly of Imphal West (21st to 23rd Dec., 2018)

No rainfall was observed during the past three days. The skies remained mainly clear to partly cloudy. Maximum temperature ranged from $23.5-24.3~^{\circ}\text{C}$ and minimum of $6.8-8.0~^{\circ}\text{C}$. Mean relative humidity of 88~% max and 48~% min was recorded in the past three days & average wind speed was 1.4-2.2~km/hr.

Weather forecast for Thoubal (25th to 29th Dec., 2018)

Likely to have no rains, dense fog during morning hours and mainly clear to partly cloudy sky during next five days with maximum temp. 24-26 $^{\circ}C$ & minimum temp. 7-8 $^{\circ}C$. Relative humidity may reach upto 96 % (max) and 47 % (min). The average wind speed may be 2-4 km/hr.

Date of issue: 24th December, 2018

General Advisories:

Field Crops	g:		Pest an					
Name of the crop	Stage			id e	Agro-meteorological advisories			
Rapeseed/ Mustard/ Field	Vegetative				- Thinning may be done, if plant population is high. Monitor for insect pest on the crop.			
pea/ Lentil					- Apply foliar application of urea (5pumps/sangam @10g/pump) in rapeseed/ mustard.			
Potato	Vegetative				- Inter-culture operations may be done.			
					- Spray Mancozeb at 7-10 days interval against early blight.			
Rabi maize	Sowing				- Sowing of rabi maize may be done. It may be sown as intercrop with pulses with 60cm			
					width 40cm high ridges along east-west may be prepared after ploughing. Southern face			
C14	Don't house of Mossoco				may be sown with maize and northern with pea seeds.			
Seeds storage	Post-harvest Manage	ment			- 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.			
					- Avoid fungal growth and pest rodent in store.			
Horticulture Crops					, , , , , , , , , , , , , , , , , , ,			
Name of the crop	Stage		Pest and dis	ease	Agro-meteorological advisories			
Cole Crops	Curd/ head formation	n to	leaf eating		- Spray Flubendiamide (Fame) @ 2ml/10 lit of water before rains.			
•	harvesting of mid-sea	ason	caterpillar					
	var. and transplantin	g of	•		- Apply Tracel @ 300gm/ sangam in 30-35days old cauliflower to avoid leaf curling,			
	late variety				development of purple coloured vein due to absence of micronutrient. If required repeat			
					it after 10 days.			
Onion	Vegetative				- Apply 64kg urea/ sangam after 30-35 days of transplanting. Weeding and earthing up may be done.			
Garden pea/ Broad bean	Vegetative		Powdery mildew		- Spray Bayleton @ 7 g/ 10 litres of water against powdery mildew and yellow rust			
			and yellow rust		especially to the crops grown in moist/ shady area.			
Cucurbits	Nursery bed prepara	tion			- Preparation for raising cucurbits seedlings under low-cost poly house may be started.			
Tomato	Vegetative		Early Blight		- Spray Imidachloprid against Early Blight.			
Animal Sciences		, ,	. ,					
* Arrange for external heat Name of bird/ animal	0 0		morning hours Disease/	· .	A			
Name of bird/ animal	Stage		anagement		Agro-meteorological advisories			
Poultry (Chicken/	All age groups		cidiosis	Give	Coccimar @ 2g/litre of drinking water for 5-7 days along with glucose.			
Duck)	g. g.r		and		• • • • • • • •			
ŕ			anu agement		Protect animals/ birds from sudden drop in temperature. Walls of sheds should be covered with polythene sheets/hessian cloths during the night.			
		Man	agement	Litters should be of 4.5 inches thick and stir it at regular interval.				
Sheep/ Goat	All age groups	Dew	orming		re Ranizole suspension @ 3ml/10 kg body weight.			
Pig	All age groups except	Dew	orming	Albe	ndazole Plus Avermectin Table 6 mg/adult.			
1.6	the young ones	• •			xacine/ Ornidazole (O ₂) tab twice daily for 5 days.			
infection Skin diseases			0	nomenic orindazore (92) tab twice daily for 5 days.				
		diseases	Prote	rotect from skin disease by using Deltamethrin solution @2ml/lit. Of water and bath with the				
					ion			
Cattle	All age groups		Tick		Butox liquid @ 2ml/ litre water twice a week while brushing animals.			
	excepts the young	Dew	orming		Rafoxamide plus Levamizole (Rafox plus)/ Ranizole suspension @ 1ml/ 2kg body weight			
	ones				5ml/ 10 kg body weight (Ranizole) in lower altitude.			
			and	Shed	s must be kept dry. Use bedding materials.			
		Man	agement					



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"Gramin Krishi Mausam Seva"



MANIPUR AGROMET ADVISORY BULLETIN

District: Ukhrul

Significant past weather for the preceding bi-weekly of Imphal West (21st to 23rd Dec., 2018)

No rainfall was observed during the past three days. The skies remained mainly clear to partly cloudy. Maximum temperature ranged from $23.5-24.3~^{\circ}\text{C}$ and minimum of $6.8-8.0~^{\circ}\text{C}$. Mean relative humidity of 88~% max and 48~% min was recorded in the past three days & average wind speed was 1.4-2.2~km/hr.

Weather forecast for Ukhrul (25th to 29th Dec., 2018)

Likely to have no rains, fog during morning hours and mainly clear to partly cloudy sky during next five days with maximum temp. 24-26 $^{\circ}$ C & minimum temp. 5-7 $^{\circ}$ C. Relative humidity may reach upto 87 % (max) and 38 % (min). The average wind speed may be 4-5 km/hr.

Date of issue: 24th December, 2018

General Advisories:

Field Crops							
Name of the crop	Stage		Pest and disease		Agro-meteorological advisories		
D 1/M 1/E' . 1	X74.4*	X7 4 4*		e			
Rapeseed/ Mustard/ Fiel pea/ Lentil					- Thinning may be done, if plant population is high. Monitor for insect pest on the crop Apply foliar application of urea (5pumps/sangam @10g/pump) in rapeseed/ mustard.		
Rabi maize	Sowing				- Sowing of rabi maize may be done. It may be sown as intercrop with pulses with 60cm width 40cm high ridges along east-west may be prepared after ploughing. Southern face may be sown with maize and northern with pea seeds.		
Seeds storage	Post-harvest Manage	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. Avoid fungal growth and pest rodent in store. 		
Horticulture Crops							
Name of the crop	Stage		Pest and dis	sease	Agro-meteorological advisories		
Cole Crops	Curd/ head formation harvesting of mid-sea		leaf eating caterpillar		- Spray Flubendiamide (Fame) @ 2ml/ 10 lit of water before rains.		
	var. and transplanting late variety				- Apply Tracel @ 300gm/ sangam in 30-35days old cauliflower to avoid leaf curling, development of purple coloured vein due to absence of micronutrient. If required repeat it after 10 days.		
Onion	Vegetative	egetative			- Apply 64kg urea/ sangam after 30-35 days of transplanting. Weeding and earthing up may be done.		
Garden pea/ Broad bear	Garden pea/ Broad bean Vegetative		Powdery milde and yellow rust		- Spray Bayleton @ 7 g/ 10 litres of water against powdery mildew and yellow rust especially to the crops grown in moist/ shady area.		
Cucurbits	Nursery bed prepara	tion			- Preparation for raising cucurbits seedlings under low-cost poly house may be started.		
Tomato	Vegetative		Early Blight		- Spray Imidachloprid against Early Blight.		
Animal Sciences							
	eat source during night and			š.			
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)			e and agement	with	Protect animals/ birds from sudden drop in temperature. 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	Dew	orming		ve Ranizole suspension @ 3ml/ 10 kg body weight.		
Pig	All age groups except		orming		Albendazole Plus Avermectin Table 6 mg/adult.		
the young ones Cocci				Ofloxacine/ Ornidazole (O ₂) tab twice daily for 5 days.			
		Skin diseases			Protect from skin disease by using Deltamethrin solution @2ml/lit. Of water and bath with the solution		
Cattle	All age groups	Tick			Butox liquid @ 2ml/ litre water twice a week while brushing animals.		
	excepts the young ones	Dew	orming		Rafoxamide plus Levamizole (Rafox plus)/ Ranizole suspension @ 1ml/ 2kg body weight 5ml/ 10 kg body weight (Ranizole) in lower altitude.		
			Care and Management		ls must be kept dry. Use bedding materials.		