

ICAR Research Complex for N.E.H. Region Manipur Centre, Lamphelpat, Imphal - 795 004

"Gramin Krishi Mausam Seva"



MANIPUR AGROMET ADVISORY BULLETIN

District: Chandel

Significant past weather for the preceding bi-weekly of Imphal West (8th to 10th January, 19) **No** rainfall was observed during the past three days. The skies remained clear to partly cloudy. Maximum temperature ranged from 21.9 - 24.3 °C and minimum of 3.6 - 7.6 °C. Mean relative humidity of 91.67 % max and 39 % min was recorded in the past three days & average wind speed was 2.0 - 5.0 km/hr.

Weather forecast for Chandel (12th to 16th January, 2019)

E-mail: agromet_mnp@yahoo.co.uk

Likely to have no rains and mainly clear to partly cloudy sky during next five days with max. temp. 21-22°C & mini. temp. 5-6°C. Relative humidity may reach upto 79% (max) and 42% (min). The average wind speed may be 4

Date of issue: 11th January, 2019

General Advisories:

E:-11 C						
Field Crops	Gt		43	A man and a male of a late of a		
Name of the crop	Stage		st and sease	Agro-meteorological advisories		
Rapeseed/ Mustard Vegetative to early flowering				- Keep soil moist for good vegetative growth. - Life saving irrigation may be given.		
		Aphid		- Use yellow plates for every 3 sq. m to attract the aphids or spray Pyrethrum @ 2ml/litre of water on the infected patches. For organic control against aphid, sprays that consist of Azadirachtin or neem oil may be used.		
		caterp	illar	- If there is incidence of leaf eating caterpillar, spray Flubendiamide (Fame) @ 2ml/ 10 lit of water. Spray Chloropyriphos @ 2ml/ litre of water on the infected patches only.		
		Powde mildev white	v and	- Spray Redomil MZ 72 WP @ 2g/ litre after 50-60 days of sowing or spray Garlic Bulb Extract (ST) @ 1% or <i>Trichoderma harzianum</i> .		
Potato	Vegetative to tuber initiation			 Irrigation may be given, if the soil is dry. If it is 40-45 days old, light hoeing/ earthing up may be done followed by top dressing. 		
Field pea/ Lentil	Vegetative to early flowering	Powde mildev rust	•	- Spray Neem Seed Kernel Extract at 5% concentration for powdery mildew and Nimbicidin (0.3%) against rust.		
Rabi maize	Sowing to Early Veget	ative		- It may be sown as intercrop with pea/ lentil/ rapeseed Treat seeds with Carbendazim @ 2g/kg before sowing.		
Seeds storage	Post-harvest Managen	nent		 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 d	lisease	Agro-meteorological advisories		
Tree-Bean	Pre-bearing and bearing trees	bark borer/ termites		- 20g Carbofuran 3G/ plant may be in-corporated in soil as prophylactic measure against bark borer/ termites.		
Tomato	Vegetative	Early blight		- Apply Dichlorovos @ 0.5ml/ litre of water or Imidachlorpid @ 2ml/ 5 litres of water. Also apply Dithane M 45 @ 2g/ litre of water.		
Garden pea/ Broad bean		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.		
Rabi Vegetable (cole crops)	Vegetative	caterpillar		- If there is incidence of leaf eating caterpillar, spray Flubendiamide (Fame) @ 2ml/ 10 lit of water. Spray Chloropyriphos @ 2ml/ litre of water on the infected patches only.		
Animal Sciences						
	at source during night and		ours.			
Name of bird/ animal	Stage	Disease/ Management		Agro-meteorological advisories		
Poultry (Chicken/	All age groups	Coccidiosis		Give Coccimar @ 2g/litre of drinking water for 5-7 days along with glucose.		
Duck)		Management		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	Deworming		- Give Ranizole suspension @ 3ml/ 10 kg body weight.		
Pig	All age groups except	Deworming	Albe	Albendazole Plus Avermectin Table 6 mg/adult.		
	the young ones	Coccidial infection		exacine/ Ornidazole (O ₂) tab twice daily for 5 days.		
		Skin diseases		Protect from skin disease by using Deltamethrin solution @2ml/litre water and bath with the solution.		
Cattle	All age groups	Tick		Butox liquid @ 2ml/ litre water twice a week while brushing animals.		
9 9 1		Deworming		e Rafoxamide plus Levamizole (Rafox plus)/ Ranizole suspension @ 1ml/ 2kg body weight .5ml/ 10 kg body weight (Ranizole) in lower altitude.		
		Care and Management	Shed	ds 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: Churachandpur

Significant past weather for the preceding bi-weekly of Imphal West (8th to 10th January, 19) **No** rainfall was observed during the past three days. The skies remained clear to partly cloudy. Maximum temperature ranged from 21.9 - 24.3 °C and minimum of 3.6 - 7.6 °C. Mean relative humidity of 91.67 % max and 39 % min was recorded in the past three days & average wind speed was 2.0 - 5.0 km/hr.

Weather forecast for Churachandpur (12th to 16th January, 2019)

E-mail: agromet_mnp@yahoo.co.uk

Likely to have no rains and mainly clear to partly cloudy sky during next five days with max. temp. 21-22°C & mini. temp. 5-6°C. Relative humidity may reach upto 79% (max) and 36% (min). The average wind speed may be 4

Date of issue: 11th January, 2019

General Advisories:

E:-11 C						
Field Crops	Gt		43	A man and a male of a late of a		
Name of the crop	Stage		st and sease	Agro-meteorological advisories		
Rapeseed/ Mustard Vegetative to early flowering				- Keep soil moist for good vegetative growth. - Life saving irrigation may be given.		
		Aphid		- Use yellow plates for every 3 sq. m to attract the aphids or spray Pyrethrum @ 2ml/litre of water on the infected patches. For organic control against aphid, sprays that consist of Azadirachtin or neem oil may be used.		
		caterp	illar	- If there is incidence of leaf eating caterpillar, spray Flubendiamide (Fame) @ 2ml/ 10 lit of water. Spray Chloropyriphos @ 2ml/ litre of water on the infected patches only.		
		Powde mildev white	v and	- Spray Redomil MZ 72 WP @ 2g/ litre after 50-60 days of sowing or spray Garlic Bulb Extract (ST) @ 1% or <i>Trichoderma harzianum</i> .		
Potato	Vegetative to tuber initiation			 Irrigation may be given, if the soil is dry. If it is 40-45 days old, light hoeing/ earthing up may be done followed by top dressing. 		
Field pea/ Lentil	Vegetative to early flowering	Powde mildev rust	•	- Spray Neem Seed Kernel Extract at 5% concentration for powdery mildew and Nimbicidin (0.3%) against rust.		
Rabi maize	Sowing to Early Veget	ative		- It may be sown as intercrop with pea/ lentil/ rapeseed Treat seeds with Carbendazim @ 2g/kg before sowing.		
Seeds storage	Post-harvest Managen	nent		 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 d	lisease	Agro-meteorological advisories		
Tree-Bean	Pre-bearing and bearing trees	bark borer/ termites		- 20g Carbofuran 3G/ plant may be in-corporated in soil as prophylactic measure against bark borer/ termites.		
Tomato	Vegetative	Early blight		- Apply Dichlorovos @ 0.5ml/ litre of water or Imidachlorpid @ 2ml/ 5 litres of water. Also apply Dithane M 45 @ 2g/ litre of water.		
Garden pea/ Broad bean		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.		
Rabi Vegetable (cole crops)	Vegetative	caterpillar		- If there is incidence of leaf eating caterpillar, spray Flubendiamide (Fame) @ 2ml/ 10 lit of water. Spray Chloropyriphos @ 2ml/ litre of water on the infected patches only.		
Animal Sciences						
	at source during night and		ours.			
Name of bird/ animal	Stage	Disease/ Management		Agro-meteorological advisories		
Poultry (Chicken/	All age groups	Coccidiosis		Give Coccimar @ 2g/litre of drinking water for 5-7 days along with glucose.		
Duck)		Management		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	Deworming		- Give Ranizole suspension @ 3ml/ 10 kg body weight.		
Pig	All age groups except	Deworming	Albe	Albendazole Plus Avermectin Table 6 mg/adult.		
	the young ones	Coccidial infection		exacine/ Ornidazole (O ₂) tab twice daily for 5 days.		
		Skin diseases		Protect from skin disease by using Deltamethrin solution @2ml/litre water and bath with the solution.		
Cattle	All age groups	Tick		Butox liquid @ 2ml/ litre water twice a week while brushing animals.		
9 9 1		Deworming		e Rafoxamide plus Levamizole (Rafox plus)/ Ranizole suspension @ 1ml/ 2kg body weight .5ml/ 10 kg body weight (Ranizole) in lower altitude.		
		Care and Management	Shed	ds 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: Imphal East

Significant past weather for the preceding bi-weekly of Imphal West (8th to 10th January, 19) **No** rainfall was observed during the past three days. The skies remained clear to partly cloudy. Maximum temperature ranged from 21.9 - 24.3 °C and minimum of 3.6 - 7.6 °C. Mean relative humidity of 91.67 % max and 39 % min was recorded in the past three days & average wind speed was 2.0 - 5.0 km/hr.

Weather forecast for Imphal East (12th to 16th January, 2019)

E-mail: agromet_mnp@yahoo.co.uk

Likely to have no rains and mainly clear to partly cloudy sky during next five days with max. temp. 20-21°C & mini. temp. 4-5°C. Relative humidity may reach upto 80% (max) and 35% (min). The average wind speed may be 5-6

Date of issue: 11th January, 2019

General Advisories:

E:-11 C						
Field Crops	Gt		43	A man and a male of a late of a		
Name of the crop	Stage		st and sease	Agro-meteorological advisories		
Rapeseed/ Mustard Vegetative to early flowering				- Keep soil moist for good vegetative growth. - Life saving irrigation may be given.		
		Aphid		- Use yellow plates for every 3 sq. m to attract the aphids or spray Pyrethrum @ 2ml/litre of water on the infected patches. For organic control against aphid, sprays that consist of Azadirachtin or neem oil may be used.		
		caterp	illar	- If there is incidence of leaf eating caterpillar, spray Flubendiamide (Fame) @ 2ml/ 10 lit of water. Spray Chloropyriphos @ 2ml/ litre of water on the infected patches only.		
		Powde mildev white	v and	- Spray Redomil MZ 72 WP @ 2g/ litre after 50-60 days of sowing or spray Garlic Bulb Extract (ST) @ 1% or <i>Trichoderma harzianum</i> .		
Potato	Vegetative to tuber initiation			 Irrigation may be given, if the soil is dry. If it is 40-45 days old, light hoeing/ earthing up may be done followed by top dressing. 		
Field pea/ Lentil	Vegetative to early flowering	Powde mildev rust	•	- Spray Neem Seed Kernel Extract at 5% concentration for powdery mildew and Nimbicidin (0.3%) against rust.		
Rabi maize	Sowing to Early Veget	ative		- It may be sown as intercrop with pea/ lentil/ rapeseed Treat seeds with Carbendazim @ 2g/kg before sowing.		
Seeds storage	Post-harvest Managen	nent		 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 d	lisease	Agro-meteorological advisories		
Tree-Bean	Pre-bearing and bearing trees	bark borer/ termites		- 20g Carbofuran 3G/ plant may be in-corporated in soil as prophylactic measure against bark borer/ termites.		
Tomato	Vegetative	Early blight		- Apply Dichlorovos @ 0.5ml/ litre of water or Imidachlorpid @ 2ml/ 5 litres of water. Also apply Dithane M 45 @ 2g/ litre of water.		
Garden pea/ Broad bean		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.		
Rabi Vegetable (cole crops)	Vegetative	caterpillar		- If there is incidence of leaf eating caterpillar, spray Flubendiamide (Fame) @ 2ml/ 10 lit of water. Spray Chloropyriphos @ 2ml/ litre of water on the infected patches only.		
Animal Sciences						
	at source during night and		ours.			
Name of bird/ animal	Stage	Disease/ Management		Agro-meteorological advisories		
Poultry (Chicken/	All age groups	Coccidiosis		Give Coccimar @ 2g/litre of drinking water for 5-7 days along with glucose.		
Duck)		Management		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	Deworming		- Give Ranizole suspension @ 3ml/ 10 kg body weight.		
Pig	All age groups except	Deworming	Albe	Albendazole Plus Avermectin Table 6 mg/adult.		
	the young ones	Coccidial infection		exacine/ Ornidazole (O ₂) tab twice daily for 5 days.		
		Skin diseases		Protect from skin disease by using Deltamethrin solution @2ml/litre water and bath with the solution.		
Cattle	All age groups	Tick		Butox liquid @ 2ml/ litre water twice a week while brushing animals.		
9 9 1		Deworming		e Rafoxamide plus Levamizole (Rafox plus)/ Ranizole suspension @ 1ml/ 2kg body weight .5ml/ 10 kg body weight (Ranizole) in lower altitude.		
		Care and Management	Shed	ds must be kept dry. Use bedding materials.		



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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 (8th to 10th January, 19) **No** rainfall was observed during the past three days. The skies remained clear to partly cloudy. Maximum temperature ranged from 21.9 - 24.3 °C and minimum of 3.6 - 7.6 °C. Mean relative humidity of 91.67 % max and 39 % min was recorded in the past three days & average wind speed was 2.0 - 5.0 km/hr.

Weather forecast for Imphal West (12th to 16th January, 2019)

E-mail: agromet_mnp@yahoo.co.uk

Likely to have no rains and mainly clear to partly cloudy sky during next five days with max. temp. 20-21°C & mini. temp. 4-5°C. Relative humidity may reach upto 85% (max) and 34% (min). The average wind speed may be 4

Date of issue: 11th January, 2019

General Advisories:

Field Crops							
Name of the crop	Stage		Pest an	d	Agro-meteorological advisories		
Name of the crop	Stage		diseas		Agro-meteorological advisories		
Rapeseed/ Mustard	Vegetative to early				- Keep soil moist for good vegetative growth.		
	flowering	flowering			- Life saving irrigation may be given.		
					- Use yellow plates for every 3 sq. m to attract the aphids or spray Pyrethrum @ 2ml/		
					litre of water on the infected patches. For organic control against aphid, sprays that consist of Azadirachtin or neem oil may be used.		
			caterpillar		- If there is incidence of leaf eating caterpillar, spray Flubendiamide (Fame) @ 2ml/ 10		
					lit of water. Spray Chloropyriphos @ 2ml/ litre of water on the infected patches only.		
			Powdery		- Spray Redomil MZ 72 WP @ 2g/ litre after 50-60 days of sowing or spray Garlic Bulb		
		milde		d	Extract (ST) @ 1% or Trichoderma harzianum.		
			white rust				
Potato	Vegetative to tuber				- Irrigation may be given, if the soil is dry.		
Field nee/Lentil	initiation Vegetative to confe		Downlown		- If it is 40-45 days old, light hoeing/ earthing up may be done followed by top dressing Spray Neem Seed Kernel Extract at 5% concentration for powdery mildew and		
Field pea/ Lentil	Vegetative to early flowering		Powdery mildow an	d	Nimbicidin (0.3%) against rust.		
	nowering		mildew and rust		Tamatam (3677) ugumst 1 usu		
Rabi maize	Sowing to Early Vege	tative			- It may be sown as intercrop with pea/ lentil/ rapeseed.		
					- Treat seeds with Carbendazim @ 2g/kg before sowing.		
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					- Avoid lungar growth and post rought in store.		
Name of the crop	Stage	P	Pest and disease		Agro-meteorological advisories		
Tree-Bean	Pre-bearing and	_	borer/ term		- 20g Carbofuran 3G/ plant may be in-corporated in soil as prophylactic measure		
	bearing trees				against bark borer/ termites.		
Tomato	Vegetative	Earl	y blight		- Apply Dichlorovos @ 0.5ml/ litre of water or Imidachlorpid @ 2ml/ 5 litres of water.		
			D. 1		Also apply Dithane M 45 @ 2g/ litre of water.		
Garden pea/ Broad bea	In Flowering to fruiting		Powdery mildew and yellow rust		- Spray Bayleton @ 7 g/ 10 litres of water against powdery mildew and yellow rust		
Rabi Vegetable (cole	Vegetative		caterpillar		especially to the crops grown in moist/ shady area. - If there is incidence of leaf eating caterpillar, spray Flubendiamide (Fame) @ 2ml/ 10		
crops)	regetative	cater pinar			lit of water. Spray Chloropyriphos @ 2ml/ litre of water on the infected patches only.		
Animal Sciences					The state of the s		
	neat source during night and	early m	orning hours				
Name of bird/ animal	Stage		Disease/		Agro-meteorological advisories		
D II (CILL I	4.33		agement	a.	C O A B' B		
Poultry (Chicken/ Duck)	All age groups	Coccio			Give Coccimar @ 2g/litre of drinking water for 5-7 days along with glucose.		
Duck)		Care a	-		ect animals/ birds from sudden drop in temperature. Walls of sheds should be covered		
		Manaş	gement		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	Dewor			- Give Ranizole suspension @ 3ml/ 10 kg body weight.		
	001						
Pig	All age groups except the young ones	Dewor			Albendazole Plus Avermectin Table 6 mg/adult. Ofloxacine/ Ornidazole (O ₂) tab twice daily for 5 days.		
	the young ones Coccidial infection			OHO	Macine, Ormulazore (O2) tab twice daily 101 3 days.		
				Protect from skin disease by using Deltamethrin solution @2ml/litre water and bath with the			
			solut		• •		
Cattle	All age groups	Tick	Tick Use I		Butox liquid @ 2ml/ litre water twice a week while brushing animals.		
	excepts the young	Dewor	ming		Rafoxamide plus Levamizole (Rafox plus)/ Ranizole suspension @ 1ml/ 2kg body weight		
	ones	Cerr	and .		5ml/ 10 kg body weight (Ranizole) in lower altitude.		
		Care a		Shed	s must be kept dry. Use bedding materials.		
		Management					



ICAR Research Complex for N.E.H. Region Manipur Centre, Lamphelpat, Imphal - 795 004

"Gramin Krishi Mausam Seva"



MANIPUR AGROMET ADVISORY BULLETIN

District: Senapati

Significant past weather for the preceding bi-weekly of Imphal West (8th to 10th January, 19) **No** rainfall was observed during the past three days. The skies remained clear to partly cloudy. Maximum temperature ranged from 21.9 - 24.3 °C and minimum of 3.6 - 7.6 °C. Mean relative humidity of 91.67 % max and 39 % min was recorded in the past three days & average wind speed was 2.0 - 5.0 km/hr.

Weather forecast for Senapati (12th to 16th January, 2019)

E-mail: agromet_mnp@yahoo.co.uk

Likely to have no rains and mainly clear to partly cloudy sky during next five days with max. temp. 20-21°C & mini. temp. 3°C. Relative humidity may reach upto 73% (max) and 35% (min). The average wind speed may be 4-5

Date of issue: 11th January, 2019

General Advisories:

Field Crops							
Name of the crop	Stage		Pest an	nd	Agro-meteorological advisories		
•			diseas	e			
Rapeseed/ Mustard					- Keep soil moist for good vegetative growth.		
flowering					- Life saving irrigation may be given.		
			Aphid		- Use yellow plates for every 3 sq. m to attract the aphids or spray Pyrethrum @ 2ml/		
					litre of water on the infected patches. For organic control against aphid, sprays that		
					consist of Azadirachtin or neem oil may be used.		
			caterpillar		- If there is incidence of leaf eating caterpillar, spray Flubendiamide (Fame) @ 2ml/10		
			D. 1.		lit of water. Spray Chloropyriphos @ 2ml/ litre of water on the infected patches only Spray Redomil MZ 72 WP @ 2g/ litre after 50-60 days of sowing or spray Garlic Bulb		
			Powdery mildew an	a	Extract (ST) @ 1% or <i>Trichoderma harzianum</i> .		
		mildew white r			Extract (S1) @ 1/8 of Trichouerma narzanium.		
Field pea/ Lentil	Vegetative to early		Powdery		- Spray Neem Seed Kernel Extract at 5% concentration for powdery mildew and		
ricia pea/ Ecitii	flowering		mildew an	d	Nimbicidin (0.3%) against rust.		
	8		rust		(1111)		
Rabi maize	Sowing to Early Vege	tative			- It may be sown as intercrop with pea/ lentil/ rapeseed.		
					- Treat seeds with Carbendazim @ 2g/kg before sowing.		
Seeds storage	Post-harvest Manage	ment	nent		- 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					<u></u>		
Name of the crop	Stage		est and disea		Agro-meteorological advisories		
Tree-Bean	Pre-bearing and	bark	borer/ term	iites	- 20g Carbofuran 3G/ plant may be in-corporated in soil as prophylactic measure		
G 1 /B 11	bearing trees				against bark borer/ termites.		
Garden pea/ Broad bean	Flowering to fruiting		dery mildew w rust	and	- Spray Bayleton @ 7 g/ 10 litres of water against powdery mildew and yellow rust especially to the crops grown in moist/ shady area.		
Rabi Vegetable (cole	Vegetative		w rust pillar		- If there is incidence of leaf eating caterpillar, spray Flubendiamide (Fame) @ 2ml/ 10		
crops)	Vegetative	Cater	piiiai		lit of water. Spray Chloropyriphos @ 2ml/ litre of water on the infected patches only.		
Animal Sciences					in of water oping emoropy in pios e 2 mil nate of water on the infected pateness only.		
* Arrange for external hea	ut source during night and	early mo	orning hours	γ.			
Name of bird/ animal	Stage		sease/		Agro-meteorological advisories		
	8	Man	agement				
Poultry (Chicken/	All age groups	Coccid	iosis	Give	Give Coccimar @ 2g/litre of drinking water for 5-7 days along with glucose.		
Duck)		Care a	nd	Prote	Protect animals/ birds from sudden drop in temperature. Walls of sheds should be covered		
		Manag	-		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	ming		re Ranizole suspension @ 3ml/ 10 kg body weight.		
Pig	All age groups except	Dewor	ming	Albei	Albendazole Plus Avermectin Table 6 mg/adult.		
9	the young ones				Ofloxacine/ Ornidazole (O ₂) tab twice daily for 5 days.		
	infection Skin diseases		One of the order o				
			Protect from skin disease by using Deltamethrin solution @2ml/litre water and bath with the				
				soluti			
Cattle	All age groups	Tick		Use I	Butox liquid @ 2ml/ litre water twice a week while brushing animals.		
	excepts the young	Dewor	ming		Rafoxamide plus Levamizole (Rafox plus)/ Ranizole suspension @ 1ml/ 2kg body weight		
	ones		or 5		5ml/ 10 kg body weight (Ranizole) in lower altitude.		
		Care a		Shed	s must be kept dry. Use bedding materials.		
		Manag	lanagement				



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 (8th to 10th January, 19) **No** rainfall was observed during the past three days. The skies remained clear to partly cloudy. Maximum temperature ranged from 21.9 - 24.3 °C and minimum of 3.6 - 7.6 °C. Mean relative humidity of 91.67 % max and 39 % min was recorded in the past three days & average wind speed was 2.0 - 5.0 km/hr.

Weather forecast for Tamenglong (12th to 16th January, 2019)

E-mail: agromet_mnp@yahoo.co.uk

Likely to have no rains and mainly clear to partly cloudy sky during next five days with max. temp. 20-21°C & mini. temp. 4-5°C. Relative humidity may reach upto 75% (max) and 36% (min). The average wind speed may be 4

Date of issue: 11th January, 2019

General Advisories:

Field Chang							
Field Crops Name of the crop	Stage		Pest an	d	Agro-meteorological advisories		
Name of the crop	Stage		diseas		Agro-meteorological advisories		
Rapeseed/ Mustard Vegetative to ea					- Keep soil moist for good vegetative growth.		
	flowering	flowering			- Life saving irrigation may be given.		
					- Use yellow plates for every 3 sq. m to attract the aphids or spray Pyrethrum @ 2ml/		
					litre of water on the infected patches. For organic control against aphid, sprays that consist of Azadirachtin or neem oil may be used.		
			caterpillar		- If there is incidence of leaf eating caterpillar, spray Flubendiamide (Fame) @ 2ml/ 10		
			cater pinar		lit of water. Spray Chloropyriphos @ 2ml/ litre of water on the infected patches only.		
			Powdery		- Spray Redomil MZ 72 WP @ 2g/ litre after 50-60 days of sowing or spray Garlic Bulb		
			mildew and		Extract (ST) @ 1% or Trichoderma harzianum.		
			white rust				
Potato	Vegetative to tuber				- Irrigation may be given, if the soil is dry.		
Field nee/Lentil	initiation Vegetative to confe		Downlown		- If it is 40-45 days old, light hoeing/ earthing up may be done followed by top dressing Spray Neem Seed Kernel Extract at 5% concentration for powdery mildew and		
Field pea/ Lentil	Vegetative to early flowering		Powdery mildew an	d	Nimbicidin (0.3%) against rust.		
	nowering		rust	u	Trimberum (v.5 %) against rust.		
Rabi maize	Sowing to Early Vege	tative			- It may be sown as intercrop with pea/ lentil/ rapeseed.		
					- Treat seeds with Carbendazim @ 2g/kg before sowing.		
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					- Avoid lungar growth and post rought in store.		
Name of the crop	Stage	P	Pest and disease		Agro-meteorological advisories		
Tree-Bean	Pre-bearing and	_	ark borer/ termites		- 20g Carbofuran 3G/ plant may be in-corporated in soil as prophylactic measure		
	bearing trees				against bark borer/ termites.		
Tomato	Vegetative	Earl	Early blight		- Apply Dichlorovos @ 0.5ml/ litre of water or Imidachlorpid @ 2ml/ 5 litres of water.		
					Also apply Dithane M 45 @ 2g/ litre of water.		
Garden pea/ Broad bea	In Flowering to fruiting		Powdery mildew and		- Spray Bayleton @ 7 g/ 10 litres of water against powdery mildew and yellow rust		
Rabi Vegetable (cole	Vegetative		yellow rust caterpillar		especially to the crops grown in moist/ shady area. - If there is incidence of leaf eating caterpillar, spray Flubendiamide (Fame) @ 2ml/ 10		
crops)	vegetative	Cate	caterpinar		lit of water. Spray Chloropyriphos @ 2ml/ litre of water on the infected patches only.		
Animal Sciences		_			no or water opping contropyriphose c and note or water on the interest of the		
	heat source during night and	early m	orning hours				
Name of bird/ animal	Stage	D	Disease/		Agro-meteorological advisories		
			agement	~.			
Poultry (Chicken/	All age groups	Coccio	liosis		Five Coccimar @ 2g/litre of drinking water for 5-7 days along with glucose.		
Duck)		Care a			rotect animals/ birds from sudden drop in temperature. Walls of sheds should be covered		
		Mana	gement		polythene sheets/hessian cloths during the night.		
Sheep/ Goat	All aga groups	Deworming			rs should be of 4.5 inches thick and stir it at regular interval.		
	All age groups		Ü		- Give Ranizole suspension @ 3ml/ 10 kg body weight.		
Pig	All age groups except				Albendazole Plus Avermectin Table 6 mg/adult.		
	the young ones	infection		Office	xacine/ Ornidazole (O ₂) tab twice daily for 5 days.		
				Prote	ect from skin disease by using Deltamethrin solution @2ml/litre water and bath with the		
		ÇIMII U			Protect from skin disease by using Deitamethrin solution @2mi/litre water and bath with the solution.		
Cattle	All age groups	Tick		Use I	Butox liquid @ 2ml/ litre water twice a week while brushing animals.		
	excepts the young	Dewoi	ming	Give	Rafoxamide plus Levamizole (Rafox plus)/ Ranizole suspension @ 1ml/ 2kg body weight		
	ones				or 5.5ml/ 10 kg body weight (Ranizole) in lower altitude.		
		Care a		Shed	s must be kept dry. Use bedding materials.		
		Mana	Management				



ICAR Research Complex for N.E.H. Region Manipur Centre, Lamphelpat, Imphal - 795 004

"Gramin Krishi Mausam Seva"



MANIPUR AGROMET ADVISORY BULLETIN

District: Thoubal

Significant past weather for the preceding bi-weekly of Imphal West (8th to 10th January, 19) **No** rainfall was observed during the past three days. The skies remained clear to partly cloudy. Maximum temperature ranged from 21.9 - 24.3 °C and minimum of 3.6 - 7.6 °C. Mean relative humidity of 91.67 % max and 39 % min was recorded in the past three days & average wind speed was 2.0 - 5.0 km/hr.

Weather forecast for Thoubal (12th to 16th January, 2019)

E-mail: agromet_mnp@yahoo.co.uk

Likely to have no rains and mainly clear to partly cloudy sky during next five days with max. temp. 22-23°C & mini. temp. 5-6°C. Relative humidity may reach upto 79% (max) and 45% (min). The average wind speed may be 2-4

Date of issue: 11th January, 2019

General Advisories:

E:-11 C						
Field Crops	Gt		43	A man and a male of a late of a		
Name of the crop	Stage		st and sease	Agro-meteorological advisories		
Rapeseed/ Mustard Vegetative to early flowering				- Keep soil moist for good vegetative growth. - Life saving irrigation may be given.		
		Aphid		- Use yellow plates for every 3 sq. m to attract the aphids or spray Pyrethrum @ 2ml/litre of water on the infected patches. For organic control against aphid, sprays that consist of Azadirachtin or neem oil may be used.		
		caterp	illar	- If there is incidence of leaf eating caterpillar, spray Flubendiamide (Fame) @ 2ml/ 10 lit of water. Spray Chloropyriphos @ 2ml/ litre of water on the infected patches only.		
		Powde mildev white	v and	- Spray Redomil MZ 72 WP @ 2g/ litre after 50-60 days of sowing or spray Garlic Bulb Extract (ST) @ 1% or <i>Trichoderma harzianum</i> .		
Potato	Vegetative to tuber initiation			 Irrigation may be given, if the soil is dry. If it is 40-45 days old, light hoeing/ earthing up may be done followed by top dressing. 		
Field pea/ Lentil	Vegetative to early flowering	Powde mildev rust	•	- Spray Neem Seed Kernel Extract at 5% concentration for powdery mildew and Nimbicidin (0.3%) against rust.		
Rabi maize	Sowing to Early Veget	ative		- It may be sown as intercrop with pea/ lentil/ rapeseed Treat seeds with Carbendazim @ 2g/kg before sowing.		
Seeds storage	Post-harvest Managen	nent		 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 d	lisease	Agro-meteorological advisories		
Tree-Bean	Pre-bearing and bearing trees	bark borer/ termites		- 20g Carbofuran 3G/ plant may be in-corporated in soil as prophylactic measure against bark borer/ termites.		
Tomato	Vegetative	Early blight		- Apply Dichlorovos @ 0.5ml/ litre of water or Imidachlorpid @ 2ml/ 5 litres of water. Also apply Dithane M 45 @ 2g/ litre of water.		
Garden pea/ Broad bean		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.		
Rabi Vegetable (cole crops)	Vegetative	caterpillar		- If there is incidence of leaf eating caterpillar, spray Flubendiamide (Fame) @ 2ml/ 10 lit of water. Spray Chloropyriphos @ 2ml/ litre of water on the infected patches only.		
Animal Sciences						
	at source during night and		ours.			
Name of bird/ animal	Stage	Disease/ Management		Agro-meteorological advisories		
Poultry (Chicken/	All age groups	Coccidiosis		Give Coccimar @ 2g/litre of drinking water for 5-7 days along with glucose.		
Duck)		Management		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	Deworming		- Give Ranizole suspension @ 3ml/ 10 kg body weight.		
Pig	All age groups except	Deworming	Albe	Albendazole Plus Avermectin Table 6 mg/adult.		
	the young ones	Coccidial infection		exacine/ Ornidazole (O ₂) tab twice daily for 5 days.		
		Skin diseases		Protect from skin disease by using Deltamethrin solution @2ml/litre water and bath with the solution.		
Cattle	All age groups	Tick		Butox liquid @ 2ml/ litre water twice a week while brushing animals.		
9 9 1		Deworming		e Rafoxamide plus Levamizole (Rafox plus)/ Ranizole suspension @ 1ml/ 2kg body weight .5ml/ 10 kg body weight (Ranizole) in lower altitude.		
		Care and Management	Shed	ds 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: Ukhrul

Significant past weather for the preceding bi-weekly of Imphal West (8th to 10th January, 19) **No** rainfall was observed during the past three days. The skies remained clear to partly cloudy. Maximum temperature ranged from 21.9 - 24.3 °C and minimum of 3.6 - 7.6 °C. Mean relative humidity of 91.67 % max and 39 % min was recorded in the past three days & average wind speed was 2.0 - 5.0 km/hr.

Weather forecast for Ukhrul (12th to 16th January, 2019)

E-mail: agromet_mnp@yahoo.co.uk

Likely to have no rains and mainly clear to partly cloudy sky during next five days with max. temp. 20-21°C & mini. temp. 4-5°C. Relative humidity may reach upto 81% (max) and 36% (min). The average wind speed may be 4-5

Date of issue: 11th January, 2019

General Advisories:

Field Crops							
Name of the crop	Stage		Pest an	nd	Agro-meteorological advisories		
•			diseas	e			
Rapeseed/ Mustard					- Keep soil moist for good vegetative growth.		
flowering					- Life saving irrigation may be given.		
			Aphid		- Use yellow plates for every 3 sq. m to attract the aphids or spray Pyrethrum @ 2ml/		
					litre of water on the infected patches. For organic control against aphid, sprays that		
					consist of Azadirachtin or neem oil may be used.		
			caterpillar		- If there is incidence of leaf eating caterpillar, spray Flubendiamide (Fame) @ 2ml/10		
			D. 1.		lit of water. Spray Chloropyriphos @ 2ml/ litre of water on the infected patches only Spray Redomil MZ 72 WP @ 2g/ litre after 50-60 days of sowing or spray Garlic Bulb		
			Powdery mildew an	a	Extract (ST) @ 1% or <i>Trichoderma harzianum</i> .		
		mildew white r			Extract (S1) @ 1/8 of Trichouerma narzanium.		
Field pea/ Lentil	Vegetative to early		Powdery		- Spray Neem Seed Kernel Extract at 5% concentration for powdery mildew and		
ricia pea/ Ecitii	flowering		mildew an	d	Nimbicidin (0.3%) against rust.		
	8		rust		(1111)		
Rabi maize	Sowing to Early Vege	tative			- It may be sown as intercrop with pea/ lentil/ rapeseed.		
					- Treat seeds with Carbendazim @ 2g/kg before sowing.		
Seeds storage	Post-harvest Manage	ment	nent		- 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					<u></u>		
Name of the crop	Stage		est and disea		Agro-meteorological advisories		
Tree-Bean	Pre-bearing and	bark	borer/ term	iites	- 20g Carbofuran 3G/ plant may be in-corporated in soil as prophylactic measure		
G 1 /B 11	bearing trees				against bark borer/ termites.		
Garden pea/ Broad bean	Flowering to fruiting		dery mildew w rust	and	- Spray Bayleton @ 7 g/ 10 litres of water against powdery mildew and yellow rust especially to the crops grown in moist/ shady area.		
Rabi Vegetable (cole	Vegetative		w rust pillar		- If there is incidence of leaf eating caterpillar, spray Flubendiamide (Fame) @ 2ml/ 10		
crops)	Vegetative	Cater	piiiai		lit of water. Spray Chloropyriphos @ 2ml/ litre of water on the infected patches only.		
Animal Sciences					in of water oping emoropy in pios e 2 mil nate of water on the infected pateness only.		
* Arrange for external hea	ut source during night and	early mo	orning hours	γ.			
Name of bird/ animal	Stage		sease/		Agro-meteorological advisories		
	8	Man	agement				
Poultry (Chicken/	All age groups	Coccid	iosis	Give	Give Coccimar @ 2g/litre of drinking water for 5-7 days along with glucose.		
Duck)		Care a	nd	Prote	Protect animals/ birds from sudden drop in temperature. Walls of sheds should be covered		
		Manag	-		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	ming		re Ranizole suspension @ 3ml/ 10 kg body weight.		
Pig	All age groups except	Dewor	ming	Albei	Albendazole Plus Avermectin Table 6 mg/adult.		
9	the young ones				Ofloxacine/ Ornidazole (O ₂) tab twice daily for 5 days.		
	infection Skin diseases		One of the order o				
			Protect from skin disease by using Deltamethrin solution @2ml/litre water and bath with the				
				soluti			
Cattle	All age groups	Tick		Use I	Butox liquid @ 2ml/ litre water twice a week while brushing animals.		
	excepts the young	Dewor	ming		Rafoxamide plus Levamizole (Rafox plus)/ Ranizole suspension @ 1ml/ 2kg body weight		
	ones		or 5		5ml/ 10 kg body weight (Ranizole) in lower altitude.		
		Care a		Shed	s must be kept dry. Use bedding materials.		
		Manag	lanagement				



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 (8th to 10th January, 19) **No** rainfall was observed during the past three days. The skies remained clear to partly cloudy. Maximum temperature ranged from 21.9 - 24.3 °C and minimum of 3.6 - 7.6 °C. Mean relative humidity of 91.67 % max and 39 % min was recorded in the past three days & average wind speed was 2.0 - 5.0 km/hr.

Weather forecast for Bishnupur (12th to 16th January, 2019)

E-mail: agromet_mnp@yahoo.co.uk

Likely to have no rains and mainly clear to partly cloudy sky during next five days with max. temp. 22-23°C & mini. temp. 5-6°C. Relative humidity may reach upto 80% (max) and 39% (min). The average wind speed may be 2-4

Date of issue: 11th January, 2019

General Advisories:

E:-11 C						
Field Crops	Gt		43	A man and a male of a late of a		
Name of the crop	Stage		st and sease	Agro-meteorological advisories		
Rapeseed/ Mustard Vegetative to early flowering				- Keep soil moist for good vegetative growth. - Life saving irrigation may be given.		
		Aphid		- Use yellow plates for every 3 sq. m to attract the aphids or spray Pyrethrum @ 2ml/litre of water on the infected patches. For organic control against aphid, sprays that consist of Azadirachtin or neem oil may be used.		
		caterp	illar	- If there is incidence of leaf eating caterpillar, spray Flubendiamide (Fame) @ 2ml/ 10 lit of water. Spray Chloropyriphos @ 2ml/ litre of water on the infected patches only.		
		Powde mildev white	v and	- Spray Redomil MZ 72 WP @ 2g/ litre after 50-60 days of sowing or spray Garlic Bulb Extract (ST) @ 1% or <i>Trichoderma harzianum</i> .		
Potato	Vegetative to tuber initiation			 Irrigation may be given, if the soil is dry. If it is 40-45 days old, light hoeing/ earthing up may be done followed by top dressing. 		
Field pea/ Lentil	Vegetative to early flowering	Powde mildev rust	•	- Spray Neem Seed Kernel Extract at 5% concentration for powdery mildew and Nimbicidin (0.3%) against rust.		
Rabi maize	Sowing to Early Veget	ative		- It may be sown as intercrop with pea/ lentil/ rapeseed Treat seeds with Carbendazim @ 2g/kg before sowing.		
Seeds storage	Post-harvest Managen	nent		 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 d	lisease	Agro-meteorological advisories		
Tree-Bean	Pre-bearing and bearing trees	bark borer/ termites		- 20g Carbofuran 3G/ plant may be in-corporated in soil as prophylactic measure against bark borer/ termites.		
Tomato	Vegetative	Early blight		- Apply Dichlorovos @ 0.5ml/ litre of water or Imidachlorpid @ 2ml/ 5 litres of water. Also apply Dithane M 45 @ 2g/ litre of water.		
Garden pea/ Broad bean		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.		
Rabi Vegetable (cole crops)	Vegetative	caterpillar		- If there is incidence of leaf eating caterpillar, spray Flubendiamide (Fame) @ 2ml/ 10 lit of water. Spray Chloropyriphos @ 2ml/ litre of water on the infected patches only.		
Animal Sciences						
	at source during night and		ours.			
Name of bird/ animal	Stage	Disease/ Management		Agro-meteorological advisories		
Poultry (Chicken/	All age groups	Coccidiosis		Give Coccimar @ 2g/litre of drinking water for 5-7 days along with glucose.		
Duck)				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	Deworming		- Give Ranizole suspension @ 3ml/ 10 kg body weight.		
Pig	All age groups except	Deworming	Albe	Albendazole Plus Avermectin Table 6 mg/adult.		
	the young ones	Coccidial infection		exacine/ Ornidazole (O ₂) tab twice daily for 5 days.		
		Skin diseases		Protect from skin disease by using Deltamethrin solution @2ml/litre water and bath with the solution.		
Cattle	All age groups	Tick		Butox liquid @ 2ml/ litre water twice a week while brushing animals.		
0 0 1		Deworming		e Rafoxamide plus Levamizole (Rafox plus)/ Ranizole suspension @ 1ml/ 2kg body weight .5ml/ 10 kg body weight (Ranizole) in lower altitude.		
		Care and Management		ds must be kept dry. Use bedding materials.		