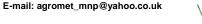


ICAR Research Complex for N.E.H. Region

Manipur Centre, Lamphelpat, Imphal - 795 004

"Gramin Krishi Mausam Seva"





MANIPUR AGROMET ADVISORY BULLETIN

District: Imphal West

Significant past weather for the preceding bi-weekly of Imphal West (18th to 21st January, 19)Weather for
Likely to
and mainl
max net 33 % min was recorded in the past four days &
average wind speed was 1.7 – 1.9 km/ hr.Weather for
Likely to
and mainl
max. temp
90 % (maxGeneral Advisories:General Advisories:Weather for
Likely to
and mainl
maxWeather for
Likely to
and mainl
max

Weather forecast for Imphal West (23rd to 27th January, 2019) Likely to have no rains and shallow to moderate fog during morning hours and mainly clear to partly cloudy afternoon sky during next five days with max. temp. 25-26 °C & mini. temp. 4-6 °C. Relative humidity may reach upto 90 % (max) and 31 % (min). The average wind speed may be 4-6 km/hr.

* If the soil is dry, give light irrigation in the crop field to keep soil moist for better growth.

Field Crops				
Name of the crop	Stage		Pest and disease	Agro-meteorological advisories
Rapeseed/ Mustard	Flowering to fr	uiting		- If flowering has started, then four bee boxes (colonies) may be kept for one hectare
		8		crop area. Avoid spray of insecticides in such area.
			Pod borer	- Spray Imidachloprid @ 0.25 ml/ litre of water to the infected patches.
			Aphid	- Use yellow plates for every 3 sq. m to attract the aphids or spray Pyrethrum @
			Арши	2ml/ litre of water on the infected patches. For organic control against aphid,
				sprays that consist of Azadirachtin or neem oil may be used.
			Deservations and I deservation	
			Powdery mildew and	- Spray Redomil MZ 72 WP @ 2g/ litre after 50-60 days of sowing or spray Garlic
	Elementa de fe		white rust Powdery mildew and	Bulb Extract (ST) @ 1% or Trichoderma harzianum. - Spray Neem Seed Kernel Extract at 5% concentration for powdery mildew and
Field pea/ Lentil	Flowering to fr	ulung	·	
			Rust	Nimbicidin (0.3%) against rust.
_			Downey Mildew	Apply Mancozeb 75% WP @ 1.25 -2 kg/ ha at 7-10 days interval.
Potato	Tuber initiation	n	Cut worm	If cut-worm is observed then prepare poison bait of Trichlorfon (mixture of 1kg
				husk + 40g sugar + 5g Trichlorfon + water) and apply manually by putting near the
				stem of plant above the soil surface.
				- If aphid is observed in small patches, wash off it with plain water but if it is severe,
				spray Cypermethrin 20 EC @ 1ml/ litre of water.
Pre-kharif rice	Seed collection			- Procure quality and healthy seeds for nursery raising pre-kharif rice. Treat seeds
	nursery raising	3		with Carbendazim@ 2g/ kg seeds before sowing.
Seeds storage	Post-harvest			- For seed purpose store the seeds in <i>RC-Seed Bin</i> after proper drying and cleaning
	Management			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 disease	Agro-meteorological advisories
Cole crops	Vegetative to h	ead	Diamond Black Moth	- Spray Spinosad 2.5% SC @ 6-7 ml/ 5 litre water.
-	formation		Cabbage Borer	- Apply Carbaryl 50% WP formulation @ 1.6ml/ 5 litre water.
Mango	Flowering			- To protect from mango hopper, spray 800ml Malathion 50 EC or 700ml of
0	Ŭ			Thiodan in 250 litres of water. To protect from Mango fruit fly, Methyl Euginol
				trap 0.1% may be used @ 10 traps per hectare. Paint the trunk of tree with
				Bordeaux paste (1:1:100) upto a height of 4-5 feet above the ground as prophylactic
				measure against diseases.
Tree-Bean	Pre-bearing an	ıd	bark borer/ termites	- 20g Carbofuran 3G/ plant may be in-corporated in soil as prophylactic measure
	bearing trees			against bark borer/ termites.
Onion	Vegetative			- 30 to 45 days old transplanted onion should be top dressed with 20-25 kg urea/
	Ũ			sangam depending upon the fertility.
Cucurbits	Nursery			- Nurseries of bitter gourd, cucumber, sponge gourd, bottle gourd, pumpkin, water
				melon, etc. may be raised under polyhouse.
Animal Sciences				
* Arrange for external h	neat source during nig	ht and e	arly morning hours.	
Name of bird/ animal	Stage		ease/ Management	Agro-meteorological advisories
Poultry (Chicken/	All age groups	Care a	nd Management	Protect animals/ birds from sudden drop in temperature. Walls of sheds should be
Duck)	in use sroups	carea	and a fundament	covered with polythene sheets/hessian cloths during the night.
,				Use electric bulb or charcoal at night time to keep rooms warm in poultry shed.
				Litters should be of 4.5 inches thick and stir it at regular interval.
		Gumb	oro	- Gumboro disease vaccine (@ 1drop/ bird in eye) when the bird is 14 days old.
a 10				
			gious Caprine	- Vaccinate against Contagious Caprine Pluero-pneumonia intra- dermally.
Pig All age groups Dewo		-pneumonia (CCPP)		
				Albendazole Plus Avermectin Table 6 mg/adult.
	except the young		lial infection	Ofloxacine/ Ornidazole (O ₂) tab twice daily for 5 days.
	ones	Skin d	iseases	Protect from skin disease by using Deltamethrin solution @2ml/litre water and bath
				with the solution.
Cattle	All age groups	Tick		Use Butox liquid @ 2ml/ litre water twice a week while brushing animals.
	excepts the	Dewor	ming	Give Rafoxamide plus Levamizole (Rafox plus)/ Ranizole suspension @ 1ml/ 2kg body
young ones				weight or 5.5ml/ 10 kg body weight (Ranizole) in lower altitude.

(I. Meghachandra Singh) Nodal Officer, GKMS





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ICAR Research Complex for N.E.H. Region

Manipur Centre, Lamphelpat, Imphal - 795 004

"Gramin Krishi Mausam Seva"



Date of issue: 22nd January, 2019

MANIPUR AGROMET ADVISORY BULLETIN

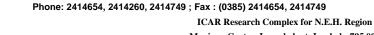
District: Senapati

Significant past weather for the preceding bi-weekly of Imphal West (18th to 21st January, 19)Weather forecast for Senapati (23rd to 27th January, 2019)No rainfall was observed during the past four days. The skies remained clear but foggy at
foothills. Maximum temperature ranged from 23.5 – 24.5 °C and minimum of 2.9 – 4.4 °C.
Mean relative humidity of 91 % max and 33 % min was recorded in the past four days &
average wind speed was 1.7 – 1.9 km/ hr.Weather forecast for Senapati (23rd to 27th January, 2019)
Likely to have no rains and shallow to moderate fog during morning hours
and mainly clear to partly cloudy afternoon sky during next five days with
max. temp. 22-24 °C & mini. temp. 2-4 °C. Relative humidity may reach upto
92 % (max) and 32 % (min). The average wind speed may be 4-5 km/hr.

* If the soil is dry, give light irrigation in the crop field to keep soil moist for better growth.

Field Crops				
Name of the crop	Stage		Pest and disease	Agro-meteorological advisories
Rapeseed/ Mustard	Flowering to fruiting			- If flowering has started, then four bee boxes (colonies) may be kept for one hectare crop area. Avoid spray of insecticides in such area.
			Pod borer	- Spray Imidachloprid @ 0.25 ml/ litre of water to the infected patches.
			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.
			Powdery mildew and white rust	- 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> .
Field pea/ Lentil	Flowering to fr	uiting	Powdery mildew and Rust	- Spray Neem Seed Kernel Extract at 5% concentration for powdery mildew and Nimbicidin (0.3%) against rust.
			Downey Mildew	Apply Mancozeb 75% WP @ 1.25 -2 kg/ ha at 7-10 days interval.
Seeds storage Post-harvest Management				 For seed purpose store the seeds in <i>RC-Seed Bin</i> after proper drying and cleaning of seeds along with dry charcoal at 80:20 w/w ratios. Check for moisture content or weight of charcoal and dry if required. Avoid fungal growth and pest rodent in store.
Horticulture Crops				
Name of the crop	Stage		Pest and disease	Agro-meteorological advisories
Cole crops	Vegetative to h	ead	Diamond Black Moth	- Spray Spinosad 2.5% SC @ 6-7 ml/ 5 litre water.
	formation		Cabbage Borer	- Apply Carbaryl 50% WP formulation @ 1.6ml/ 5 litre water.
Mango Flowering				- To protect from mango hopper, spray 800ml Malathion 50 EC or 700ml of Thiodan in 250 litres of water. To protect from Mango fruit fly, Methyl Euginol trap 0.1% may be used @ 10 traps per hectare. Paint the trunk of tree with Bordeaux paste (1:1:100) upto a height of 4-5 feet above the ground as prophylactic measure against diseases.
Tree-Bean	Pre-bearing an bearing trees	d	bark borer/ termites	- 20g Carbofuran 3G/ plant may be in-corporated in soil as prophylactic measure against bark borer/ termites.
Animal Sciences				
* Arrange for external h	00			
Name of bird/ animal	Stage	Dis	ease/ Management	Agro-meteorological advisories
Poultry (Chicken/ Duck)			ind Management	Protect animals/ birds from sudden drop in temperature. Walls of sheds should be covered with polythene sheets/hessian cloths during the night. Use electric bulb or charcoal at night time to keep rooms warm in poultry shed. Litters should be of 4.5 inches thick and stir it at regular interval.
		Gumb	oro	- Gumboro disease vaccine (@ 1drop/ bird in eye) when the bird is 14 days old.
Sheep/ Goat	All age groups		gious Caprine p-pneumonia (CCPP)	- Vaccinate against Contagious Caprine Pluero-pneumonia intra- dermally.
Pig	All age groups	Deworming		Albendazole Plus Avermectin Table 6 mg/adult.
	except the young	Coccid	lial infection	Ofloxacine/ Ornidazole (O ₂) tab twice daily for 5 days.
	1 0 0		iseases	Protect from skin disease by using Deltamethrin solution @2ml/litre water and bath with the solution.
Cattle	All age groups	Tick		Use Butox liquid @ 2ml/ litre water twice a week while brushing animals.
	excepts the young ones	Dewor	ming	Give Rafoxamide plus Levamizole (Rafox plus)/ Ranizole suspension @ 1ml/ 2kg body weight or 5.5ml/ 10 kg body weight (Ranizole) in lower altitude.

(I. Meghachandra Singh) Nodal Officer, GKMS



Manipur Centre, Lamphelpat, Imphal - 795 004

"Gramin Krishi Mausam Seva"

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Date of issue: 22nd January, 2019

MANIPUR AGROMET ADVISORY BULLETIN

District: Tamenglong

Significant past weather for the preceding bi-weekly of Imphal West (18th to 21st January, 19) No rainfall was observed during the past four days. The skies remained clear but foggy at foothills. Maximum temperature ranged from 23.5 – 24.5 °C and minimum of 2.9 – 4.4 °C. Mean relative humidity of 91 % max and 33 % min was recorded in the past four days & average wind speed was 1.7 – 1.9 km/ hr. General Advisories:

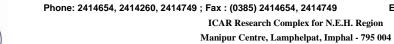
Weather forecast for Tamenglong (23rd to 27th January, 2019) Likely to have no rains and shallow to moderate fog during morning hours and mainly clear to partly cloudy afternoon sky during next five days with max. temp. 22-23 °C & mini. temp. 2-4 °C. Relative humidity may reach upto 91 % (max) and 31 % (min). The average wind speed may be 4 km/hr.

* If the soil is dry, give light irrigation in the crop field to keep soil moist for better growth.

Field Crops				
Name of the crop	Stage		Pest and disease	Agro-meteorological advisories
Rapeseed/ Mustard	Flowering to fr	uiting		- If flowering has started, then four bee boxes (colonies) may be kept for one hectare
				crop area. Avoid spray of insecticides in such area.
			Pod borer	- Spray Imidachloprid @ 0.25 ml/ litre of water to the infected patches.
			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.
			Powdery mildew and	- Spray Redomil MZ 72 WP @ 2g/ litre after 50-60 days of sowing or spray Garlic
			white rust	Bulb Extract (ST) @ 1% or Trichoderma harzianum.
Field pea/ Lentil	Flowering to fr	uiting	Powdery mildew and	- Spray Neem Seed Kernel Extract at 5% concentration for powdery mildew and
			Rust	Nimbicidin (0.3%) against rust.
			Downey Mildew	Apply Mancozeb 75%WP @ 1.25 -2 kg/ ha at 7-10 days interval.
Potato	Tuber initiation	n	Cut worm	If cut-worm is observed then prepare poison bait of Trichlorfon (mixture of 1kg
				husk + 40g sugar + 5g Trichlorfon + water) and apply manually by putting near the
				stem of plant above the soil surface.
				- If aphid is observed in small patches, wash off it with plain water but if it is severe, spray Cypermethrin 20 EC @ 1ml/ litre of water.
Pre-kharif rice	Seed collection	to		 Procure quality and healthy seeds for nursery raising pre-kharif rice. Treat seeds
re-main fice	nursery raising			with Carbendazim@ 2g/ kg seeds before sowing.
Seeds storage	Post-harvest	•		 For seed purpose store the seeds in <i>RC-Seed Bin</i> after proper drying and cleaning
Seeds Storage	Management			of seeds along with dry charcoal at 80:20 w/w ratios. Check for moisture content or
	g			weight of charcoal and dry if required.
				- Avoid fungal growth and pest rodent in store.
Horticulture Crops				
Name of the crop	Stage		Pest and disease	Agro-meteorological advisories
Cole crops	Vegetative to h	ead	Diamond Black Moth	
	formation		Cabbage Borer	- Apply Carbaryl 50% WP formulation @ 1.6ml/ 5 litre water.
Mango	Flowering			- To protect from mango hopper, spray 800ml Malathion 50 EC or 700ml of
	_			Thiodan in 250 litres of water. To protect from Mango fruit fly, Methyl Euginol
				trap 0.1% may be used @ 10 traps per hectare. Paint the trunk of tree with
				Bordeaux paste (1:1:100) upto a height of 4-5 feet above the ground as prophylactic
				measure against diseases.
Tree-Bean	Pre-bearing an	ld	bark borer/ termites	- 20g Carbofuran 3G/ plant may be in-corporated in soil as prophylactic measure
Onion	bearing trees Vegetative			 against bark borer/ termites. - 30 to 45 days old transplanted onion should be top dressed with 20-25 kg urea/
Omon	vegetative			sangam depending upon the fertility.
Cucurbits	Nursery			 Nurseries of bitter gourd, cucumber, sponge gourd, bottle gourd, pumpkin, water
Cucurons	runsery			melon, etc. may be raised under polyhouse.
Animal Sciences				
* Arrange for external h	eat source during nig	ght and e	arly morning hours.	
Name of bird/ animal	Stage		ease/ Management	Agro-meteorological advisories
Poultry (Chicken/	All age groups	Care a	and Management	Protect animals/ birds from sudden drop in temperature. Walls of sheds should be
Duck)	8- 8F-			covered with polythene sheets/hessian cloths during the night.
				Use electric bulb or charcoal at night time to keep rooms warm in poultry shed.
				Litters should be of 4.5 inches thick and stir it at regular interval.
		Gumb	oro	- Gumboro disease vaccine (@ 1drop/ bird in eye) when the bird is 14 days old.
Sheep/ Goat			gious Caprine	- Vaccinate against Contagious Caprine Pluero-pneumonia intra- dermally.
seere provide a second	"B. B. ouls		o-pneumonia (CCPP)	
Pig	All age groups	Dewor		Albendazole Plus Avermectin Table 6 mg/adult.
3	except the young		lial infection	Ofloxacine/ Ornidazole (O ₂) tab twice daily for 5 days.
	ones		iseases	Protect from skin disease by using Deltamethrin solution @2ml/litre water and bath
				with the solution.
Cattle	All age groups	Tick		Use Butox liquid @ 2ml/ litre water twice a week while brushing animals.
	excepts the	Dewor	ming	Give Rafoxamide plus Levamizole (Rafox plus)/ Ranizole suspension @ 1ml/ 2kg body
	young ones			weight or 5.5ml/ 10 kg body weight (Ranizole) in lower altitude.







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MANIPUR AGROMET ADVISORY BULLETIN

District: Thoubal

Significant past weather for the preceding bi-weekly of Imphal West (18^{th} to 21^{st} January, 19) No rainfall was observed during the past four days. The skies remained clear but foggy at foothills. Maximum temperature ranged from 23.5 - 24.5 °C and minimum of 2.9 - 4.4 °C. Mean relative humidity of 91 % max and 33 % min was recorded in the past four days & average wind speed was 1.7 - 1.9 km/ hr. General Advisories:

Weather forecast for Thoubal (23rd to 27th January, 2019) Likely to have no rains and shallow to moderate fog during morning hours and mainly clear to partly cloudy afternoon sky during next five days with max. temp. 26 °C & mini. temp. 4-5 °C. Relative humidity may reach upto 91 % (max) and 36 % (min). The average wind speed may be 3-4 km/hr.

* If the soil is dry, give light irrigation in the crop field to keep soil moist for better growth.

Field Crops				
Name of the crop	Stage		Pest and disease	Agro-meteorological advisories
Rapeseed/ Mustard	Flowering to fr	uiting		- If flowering has started, then four bee boxes (colonies) may be kept for one hectare
Î.	0	U		crop area. Avoid spray of insecticides in such area.
			Pod borer	- Spray Imidachloprid @ 0.25 ml/ litre of water to the infected patches.
			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.
			Powdery mildew and	- Spray Redomil MZ 72 WP @ 2g/ litre after 50-60 days of sowing or spray Garlic
			white rust	Bulb Extract (ST) @ 1% or Trichoderma harzianum.
Field pea/ Lentil	Flowering to fr	uiting	Powdery mildew and	- Spray Neem Seed Kernel Extract at 5% concentration for powdery mildew and
			Rust	Nimbicidin (0.3%) against rust.
			Downey Mildew	Apply Mancozeb 75%WP @ 1.25 -2 kg/ ha at 7-10 days interval.
Potato	Tuber initiatio	n	Cut worm	If cut-worm is observed then prepare poison bait of Trichlorfon (mixture of 1kg
				husk + 40g sugar + 5g Trichlorfon + water) and apply manually by putting near the
				stem of plant above the soil surface.
				- If aphid is observed in small patches, wash off it with plain water but if it is severe,
				spray Cypermethrin 20 EC @ 1ml/ litre of water.
Pre-kharif rice	Seed collection			- Procure quality and healthy seeds for nursery raising pre-kharif rice. Treat seeds
	nursery raising	3		with Carbendazim@ 2g/ kg seeds before sowing.
Seeds storage	Post-harvest			- For seed purpose store the seeds in <i>RC-Seed Bin</i> after proper drying and cleaning
	Management			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	Name of the crop Stage		Pest and disease	Agro-meteorological advisories
Cole crops	Vegetative to h	ead	Diamond Black Moth	
	formation		Cabbage Borer	- Apply Carbaryl 50% WP formulation @ 1.6ml/ 5 litre water.
Mango	Flowering			- To protect from mango hopper, spray 800ml Malathion 50 EC or 700ml of
				Thiodan in 250 litres of water. To protect from Mango fruit fly, Methyl Euginol
				trap 0.1% may be used @ 10 traps per hectare. Paint the trunk of tree with
				Bordeaux paste (1:1:100) upto a height of 4-5 feet above the ground as prophylactic
				measure against diseases.
Tree-Bean	Pre-bearing an	ld	bark borer/ termites	- 20g Carbofuran 3G/ plant may be in-corporated in soil as prophylactic measure
0.1	bearing trees			against bark borer/ termites.
Onion	Vegetative			- 30 to 45 days old transplanted onion should be top dressed with 20-25 kg urea/
Cucurbits	Numaany			sangam depending upon the fertility. Nurseries of bitter gourd, cucumber, sponge gourd, bottle gourd, pumpkin, water
Cucurbus	Nursery			melon, etc. may be raised under polyhouse.
Animal Sciences				meton, etc. may be raised under porynouse.
* Arrange for external l	neat source during nic	ht and a	arly morning hours	
Name of bird/ animal	Stage		ease/ Management	Agro-meteorological advisories
	_		·	6 6
Poultry (Chicken/	All age groups	Care a	and Management	Protect animals/ birds from sudden drop in temperature. Walls of sheds should be
Duck)				covered with polythene sheets/hessian cloths during the night.
				Use electric bulb or charcoal at night time to keep rooms warm in poultry shed. Litters should be of 4.5 inches thick and stir it at regular interval.
		Gumb	oro	- Gumboro disease vaccine (@ 1drop/ bird in eye) when the bird is 14 days old.
Sheep/ Goat	All age groups		gious Caprine	- Vaccinate against Contagious Caprine Pluero-pneumonia intra- dermally.
			o-pneumonia (CCPP)	
Pig	All age groups	Dewor		Albendazole Plus Avermectin Table 6 mg/adult.
	except the young		lial infection	Ofloxacine/ Ornidazole (O ₂) tab twice daily for 5 days.
	ones	Skin d	iseases	Protect from skin disease by using Deltamethrin solution @2ml/litre water and bath
0.10		-		with the solution.
Cattle	All age groups	Tick		Use Butox liquid @ 2ml/ litre water twice a week while brushing animals.
	excepts the	Dewor	rming	Give Rafoxamide plus Levamizole (Rafox plus)/ Ranizole suspension @ 1ml/ 2kg body
young ones				weight or 5.5ml/10 kg body weight (Ranizole) in lower altitude.





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MANIPUR AGROMET ADVISORY BULLETIN

District: Ukhrul

Significant past weather for the preceding bi-weekly of Imphal West (18 th to 21 st January, 19)	Weather forecast for Ukhrul (23 rd
No rainfall was observed during the past four days. The skies remained clear but foggy at	Likely to have no rains and shallo
foothills. Maximum temperature ranged from $23.5 - 24.5$ °C and minimum of $2.9 - 4.4$ °C.	and mainly clear to partly cloudy
Mean relative humidity of 91 % max and 33 % min was recorded in the past four days &	max. temp. 22-23 °C & mini. temp
average wind speed was $1.7 - 1.9$ km/ hr.	89 % (max) and 32 % (min). The a
General Advisories:	

Weather forecast for Ukhrul (23rd to 27th January, 2019) Likely to have no rains and shallow to moderate fog during morning hours and mainly clear to partly cloudy afternoon sky during next five days with max. temp. 22-23 °C & mini. temp. 2-4 °C. Relative humidity may reach upto 89 % (max) and 32 % (min). The average wind speed may be 4-5 km/hr.

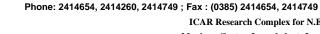
* If the soil is dry, give light irrigation in the crop field to keep soil moist for better growth.

Field Crops				
Name of the crop	Stage		Pest and disease	Agro-meteorological advisories
Rapeseed/ Mustard	Flowering to fr	Flowering to fruiting		- If flowering has started, then four bee boxes (colonies) may be kept for one hectare
				crop area. Avoid spray of insecticides in such area.
			Pod borer	- Spray Imidachloprid @ 0.25 ml/ litre of water to the infected patches.
			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.
			Powdery mildew and white rust	- 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> .
Field pea/ Lentil	Flowering to fr	uiting	Powdery mildew and Rust	- Spray Neem Seed Kernel Extract at 5% concentration for powdery mildew and Nimbicidin (0.3%) against rust.
			Downey Mildew	Apply Mancozeb 75%WP @ 1.25 -2 kg/ ha at 7-10 days interval.
Seeds storage Post-harvest Management				 For seed purpose store the seeds in <i>RC-Seed Bin</i> after proper drying and cleaning of seeds along with dry charcoal at 80:20 w/w ratios. Check for moisture content or weight of charcoal and dry if required. Avoid fungal growth and pest rodent in store.
Horticulture Crops				
Name of the crop	Stage		Pest and disease	Agro-meteorological advisories
Cole crops	Vegetative to h	ead	Diamond Black Moth	- Spray Spinosad 2.5% SC @ 6-7 ml/ 5 litre water.
	formation		Cabbage Borer	- Apply Carbaryl 50% WP formulation @ 1.6ml/ 5 litre water.
Mango Flowering				- To protect from mango hopper, spray 800ml Malathion 50 EC or 700ml of Thiodan in 250 litres of water. To protect from Mango fruit fly, Methyl Euginol trap 0.1% may be used @ 10 traps per hectare. Paint the trunk of tree with Bordeaux paste (1:1:100) upto a height of 4-5 feet above the ground as prophylactic measure against diseases.
Tree-Bean	Pre-bearing an bearing trees	d	bark borer/ termites	- 20g Carbofuran 3G/ plant may be in-corporated in soil as prophylactic measure against bark borer/ termites.
Animal Sciences				
* Arrange for external l	heat source during nig			
Name of bird/ animal	Stage	Dis	ease/ Management	Agro-meteorological advisories
Poultry (Chicken/ Duck)	All age groups			Protect animals/ birds from sudden drop in temperature. Walls of sheds should be covered with polythene sheets/hessian cloths during the night. Use electric bulb or charcoal at night time to keep rooms warm in poultry shed. Litters should be of 4.5 inches thick and stir it at regular interval. - Gumboro disease vaccine (@ 1drop/ bird in eye) when the bird is 14 days old.
Sheep/ Goat	All age groups		gious Caprine o-pneumonia (CCPP)	- Vaccinate against Contagious Caprine Pluero-pneumonia intra- dermally.
Pig	All age groups Dewo			Albendazole Plus Avermectin Table 6 mg/adult.
	except the young	Coccio	lial infection	Ofloxacine/ Ornidazole (O ₂) tab twice daily for 5 days.
ones		Skin diseases		Protect from skin disease by using Deltamethrin solution @2ml/litre water and bath with the solution.
Cattle	All age groups	Tick		Use Butox liquid @ 2ml/ litre water twice a week while brushing animals.
excepts the young ones		Deworming		Give Rafoxamide plus Levamizole (Rafox plus)/ Ranizole suspension @ 1ml/ 2kg body weight or 5.5ml/ 10 kg body weight (Ranizole) in lower altitude.









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

"Gramin Krishi Mausam Seva"

MANIPUR AGROMET ADVISORY BULLETIN

District: Bishnupur

Significant past weather for the preceding bi-weekly of Imphal West (18^{th} to 21^{st} January, 19) No rainfall was observed during the past four days. The skies remained clear but foggy at foothills. Maximum temperature ranged from 23.5 – 24.5 °C and minimum of 2.9 – 4.4 °C. Mean relative humidity of 91 % max and 33 % min was recorded in the past four days & average wind speed was 1.7 - 1.9 km/ hr. General Advisories:

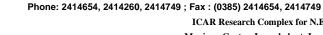
Weather forecast for Bishnupur (23rd to 27th January, 2019) Likely to have no rains and shallow to moderate fog during morning hours and mainly clear to partly cloudy afternoon sky during next five days with max. temp. 26 °C & mini. temp. 4-6 °C. Relative humidity may reach upto 91 % (max) and 30 % (min). The average wind speed may be 2-4 km/hr.

* If the soil is dry, give light irrigation in the crop field to keep soil moist for better growth.

Field Crops							
Name of the crop	Stage		Pest and disease	Agro-meteorological advisories			
Rapeseed/ Mustard	Flowering to fr	ruiting		- If flowering has started, then four bee boxes (colonies) may be kept for one hectare			
				crop area. Avoid spray of insecticides in such area.			
			Pod borer	- Spray Imidachloprid @ 0.25 ml/ litre of water to the infected patches.			
			Aphid	- Use yellow plates for every 3 sq. m to attract the aphids or spray Pyrethrum @			
			Арша	2ml/ litre of water on the infected patches. For organic control against aphid,			
				sprays that consist of Azadirachtin or neem oil may be used.			
			Dowdowy wildow ond	- Spray Redomil MZ 72 WP @ 2g/ litre after 50-60 days of sowing or spray Garlic			
			Powdery mildew and				
	Elemente de fe		white rust Powdery mildew and	Bulb Extract (ST) @ 1% or Trichoderma harzianum. - Spray Neem Seed Kernel Extract at 5% concentration for powdery mildew and			
Field pea/ Lentil	Flowering to fr	runnig					
			Rust Downey Mildew	Nimbicidin (0.3%) against rust.			
_			-	Apply Mancozeb 75% WP @ 1.25 -2 kg/ ha at 7-10 days interval.			
Potato	Tuber initiation	n	Cut worm	If cut-worm is observed then prepare poison bait of Trichlorfon (mixture of 1kg			
				husk + 40g sugar + 5g Trichlorfon + water) and apply manually by putting near the			
				stem of plant above the soil surface.			
				- If aphid is observed in small patches, wash off it with plain water but if it is severe,			
				spray Cypermethrin 20 EC @ 1ml/ litre of water.			
Pre-kharif rice	Seed collection			- Procure quality and healthy seeds for nursery raising pre-kharif rice. Treat seeds			
	nursery raising	3		with Carbendazim@ 2g/ kg seeds before sowing.			
Seeds storage	Post-harvest			- For seed purpose store the seeds in <i>RC-Seed Bin</i> after proper drying and cleaning			
	Management			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 disease	Agro-meteorological advisories			
Cole crops	Vegetative to h	lead	Diamond Black Moth	- Spray Spinosad 2.5% SC @ 6-7 ml/ 5 litre water.			
•	formation		Cabbage Borer	- Apply Carbaryl 50% WP formulation @ 1.6ml/ 5 litre water.			
Mango	Flowering		0	- To protect from mango hopper, spray 800ml Malathion 50 EC or 700ml of			
				Thiodan in 250 litres of water. To protect from Mango fruit fly, Methyl Euginol			
				trap 0.1% may be used @ 10 traps per hectare. Paint the trunk of tree with			
				Bordeaux paste (1:1:100) upto a height of 4-5 feet above the ground as prophylactic			
				measure against diseases.			
Tree-Bean	Pre-bearing an	nd	bark borer/ termites	- 20g Carbofuran 3G/ plant may be in-corporated in soil as prophylactic measure			
	bearing trees			against bark borer/ termites.			
Onion	Vegetative			- 30 to 45 days old transplanted onion should be top dressed with 20-25 kg urea/			
				sangam depending upon the fertility.			
Cucurbits	Nursery			- Nurseries of bitter gourd, cucumber, sponge gourd, bottle gourd, pumpkin, water			
Cucur site	1 (di bei j			melon, etc. may be raised under polyhouse.			
Animal Sciences							
* Arrange for external l	heat source during nig	cht and e	arly morning hours.				
Name of bird/ animal	Stage	Dis	ease/ Management	Agro-meteorological advisories			
	Ű		U				
Poultry (Chicken/	All age groups	Care a	and Management	Protect animals/ birds from sudden drop in temperature. Walls of sheds should be			
Duck)				covered with polythene sheets/hessian cloths during the night.			
				Use electric bulb or charcoal at night time to keep rooms warm in poultry shed.			
		Crewl	010	Litters should be of 4.5 inches thick and stir it at regular interval.			
		Gumb		- Gumboro disease vaccine (@ 1drop/ bird in eye) when the bird is 14 days old.			
			gious Caprine	- Vaccinate against Contagious Caprine Pluero-pneumonia intra- dermally.			
		Pluero	-pneumonia (CCPP)				
Pig All age groups				Albendazole Plus Avermectin Table 6 mg/adult.			
	except the young	Coccid	lial infection	Ofloxacine/ Ornidazole (O ₂) tab twice daily for 5 days.			
	ones	Skin d		Protect from skin disease by using Deltamethrin solution @2ml/litre water and bath			
				with the solution.			
Cattle	All age groups	Tick		Use Butox liquid @ 2ml/ litre water twice a week while brushing animals.			
	excepts the	Dewor	ming	Give Rafoxamide plus Levamizole (Rafox plus)/ Ranizole suspension @ 1ml/ 2kg body			
	young ones		8	weight or 5.5ml/ 10 kg body weight (Ranizole) in lower altitude.			
young ones							

(I. Meghachandra Singh) Nodal Officer, GKMS





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

"Gramin Krishi Mausam Seva"

MANIPUR AGROMET ADVISORY BULLETIN

District: Chandel

Significant past weather for the preceding bi-weekly of Imphal West (18th to 21st January, 19) **No** rainfall was observed during the past four days. The skies remained clear but foggy at foothills. Maximum temperature ranged from 23.5 - 24.5 °C and minimum of 2.9 - 4.4 °C. Mean relative humidity of 91 % max and 33 % min was recorded in the past four days & average wind speed was 1.7 - 1.9 km/ hr. General Advisories:

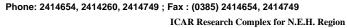
Weather forecast for Chandel (23rd to 27th January, 2019) Likely to have no rains and shallow to moderate fog during morning hours and mainly clear to partly cloudy afternoon sky during next five days with max. temp. 26-27 °C & mini. temp. 4-6 °C. Relative humidity may reach upto 92 % (max) and 34 % (min). The average wind speed may be 4 km/hr.

* If the soil is dry, give light irrigation in the crop field to keep soil moist for better growth.

Field Crops				
Name of the crop	Stage		Pest and disease	Agro-meteorological advisories
Rapeseed/Mustard	Flowering to fr	uiting		- If flowering has started, then four bee boxes (colonies) may be kept for one hectare
F				crop area. Avoid spray of insecticides in such area.
		Ī	Pod borer	- Spray Imidachloprid @ 0.25 ml/ litre of water to the infected patches.
		ŀ	Aphid	- Use yellow plates for every 3 sq. m to attract the aphids or spray Pyrethrum @
			Арши	2ml/ litre of water on the infected patches. For organic control against aphid,
				sprays that consist of Azadirachtin or neem oil may be used.
		-	Powdery mildew and	- Spray Redomil MZ 72 WP @ 2g/ litre after 50-60 days of sowing or spray Garlic
			white rust	Bulb Extract (ST) @ 1% or <i>Trichoderma harzianum</i> .
Field pea/ Lentil	Flowering to fr	witing	Powdery mildew and	- Spray Neem Seed Kernel Extract at 5% concentration for powdery mildew and
Field pea/ Leitti	Flowering to fi	unung	Rust	Nimbicidin (0.3%) against rust.
		ŀ	Downey Mildew	Apply Mancozeb 75% WP @ 1.25 -2 kg/ ha at 7-10 days interval.
			· ·	
Potato	Tuber initiation	n	Cut worm	If cut-worm is observed then prepare poison bait of Trichlorfon (mixture of 1kg
				husk + 40g sugar + 5g Trichlorfon + water) and apply manually by putting near the
		-		stem of plant above the soil surface.
				- If aphid is observed in small patches, wash off it with plain water but if it is severe,
D 11 10 1				spray Cypermethrin 20 EC @ 1ml/ litre of water.
Pre-kharif rice	Seed collection			- Procure quality and healthy seeds for nursery raising pre-kharif rice. Treat seeds
C. I. d	nursery raising	3		with Carbendazim@ 2g/ kg seeds before sowing.
Seeds storage	Post-harvest			- For seed purpose store the seeds in <i>RC-Seed Bin</i> after proper drying and cleaning
	Management			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 disease	Agro-meteorological advisories
Cole crops	Vegetative to h	ead	Diamond Black Moth	
	formation		Cabbage Borer	- Apply Carbaryl 50% WP formulation @ 1.6ml/ 5 litre water.
Mango	Flowering			- To protect from mango hopper, spray 800ml Malathion 50 EC or 700ml of
				Thiodan in 250 litres of water. To protect from Mango fruit fly, Methyl Euginol
				trap 0.1% may be used @ 10 traps per hectare. Paint the trunk of tree with
				Bordeaux paste (1:1:100) upto a height of 4-5 feet above the ground as prophylactic
				measure against diseases.
Tree-Bean	Pre-bearing an	ıd	bark borer/ termites	- 20g Carbofuran 3G/ plant may be in-corporated in soil as prophylactic measure
	bearing trees			against bark borer/ termites.
Onion	Vegetative			- 30 to 45 days old transplanted onion should be top dressed with 20-25 kg urea/
				sangam depending upon the fertility.
Cucurbits	Nursery			- Nurseries of bitter gourd, cucumber, sponge gourd, bottle gourd, pumpkin, water
				melon, etc. may be raised under polyhouse.
Animal Sciences			· · · ·	
* Arrange for external h				
Name of bird/ animal	Stage		ease/ Management	Agro-meteorological advisories
Poultry (Chicken/	All age groups	Care a	nd Management	Protect animals/ birds from sudden drop in temperature. Walls of sheds should be
Duck)				covered with polythene sheets/hessian cloths during the night.
				Use electric bulb or charcoal at night time to keep rooms warm in poultry shed.
				Litters should be of 4.5 inches thick and stir it at regular interval.
		Gumbo	oro	- Gumboro disease vaccine (@ 1drop/ bird in eye) when the bird is 14 days old.
Sheep/ Goat	Sheep/ Goat All age groups Cont		gious Caprine	- Vaccinate against Contagious Caprine Pluero-pneumonia intra- dermally.
strop, cour			-pneumonia (CCPP)	
Pig			1	Albendazole Plus Avermectin Table 6 mg/adult.
except the you			ial infection	Ofloxacine/ Ornidazole (O_2) tab twice daily for 5 days.
			seases	Protect from skin disease by using Deltamethrin solution @2ml/litre water and bath
				with the solution.
Cattle	All age groups	Tick		Use Butox liquid @ 2ml/ litre water twice a week while brushing animals.
Cattle	excepts the	Dewor	mino	Give Rafoxamide plus Levamizole (Rafox plus)/ Ranizole suspension @ 1ml/ 2kg body
	young ones	Dewoll	6	weight or 5.5ml/ 10 kg body weight (Ranizole) in lower altitude.
	,			" - Bart of Cashing To hig boury " regart (Automotic) in forest antitudes







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 (18^{th} to 21^{st} January, 19) No rainfall was observed during the past four days. The skies remained clear but foggy at foothills. Maximum temperature ranged from 23.5 – 24.5 °C and minimum of 2.9 – 4.4 °C. Mean relative humidity of 91 % max and 33 % min was recorded in the past four days & average wind speed was 1.7 – 1.9 km/ hr. General Advisories:

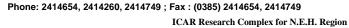
Weather forecast for Churachandpur (23rd to 27th January, 2019) Likely to have no rains and shallow to moderate fog during morning hours and mainly clear to partly cloudy afternoon sky during next five days with max. temp. 26 °C & mini. temp. 4-6 °C. Relative humidity may reach upto 91 % (max) and 29 % (min). The average wind speed may be 4 km/hr.

* If the soil is dry, give light irrigation in the crop field to keep soil moist for better growth.

Field Crops				
Name of the crop	Stage		Pest and disease	Agro-meteorological advisories
Rapeseed/ Mustard	Flowering to fr	uiting		- If flowering has started, then four bee boxes (colonies) may be kept for one hectare
				crop area. Avoid spray of insecticides in such area.
			Pod borer	- Spray Imidachloprid @ 0.25 ml/ litre of water to the infected patches.
			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.
			Powdery mildew and	- Spray Redomil MZ 72 WP @ 2g/ litre after 50-60 days of sowing or spray Garlic
			white rust	Bulb Extract (ST) @ 1% or Trichoderma harzianum.
Field pea/ Lentil	Flowering to fr	uiting	Powdery mildew and	- Spray Neem Seed Kernel Extract at 5% concentration for powdery mildew and
			Rust	Nimbicidin (0.3%) against rust.
			Downey Mildew	Apply Mancozeb 75%WP @ 1.25 -2 kg/ ha at 7-10 days interval.
Potato	Tuber initiatio	n	Cut worm	If cut-worm is observed then prepare poison bait of Trichlorfon (mixture of 1kg
				husk + 40g sugar + 5g Trichlorfon + water) and apply manually by putting near the
				stem of plant above the soil surface.
				- If aphid is observed in small patches, wash off it with plain water but if it is severe,
				spray Cypermethrin 20 EC @ 1ml/ litre of water.
Pre-kharif rice	Seed collection			- Procure quality and healthy seeds for nursery raising pre-kharif rice. Treat seeds
	nursery raising	3		with Carbendazim@ 2g/ kg seeds before sowing.
Seeds storage	Post-harvest			- For seed purpose store the seeds in <i>RC-Seed Bin</i> after proper drying and cleaning
	Management			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 disease	Agro-meteorological advisories
Cole crops	Vegetative to h	ead	Diamond Black Moth	
	formation		Cabbage Borer	- Apply Carbaryl 50% WP formulation @ 1.6ml/ 5 litre water.
Mango	Flowering			- To protect from mango hopper, spray 800ml Malathion 50 EC or 700ml of
				Thiodan in 250 litres of water. To protect from Mango fruit fly, Methyl Euginol
				trap 0.1% may be used @ 10 traps per hectare. Paint the trunk of tree with
				Bordeaux paste (1:1:100) upto a height of 4-5 feet above the ground as prophylactic
m n		-		measure against diseases.
Tree-Bean	Pre-bearing an	ld	bark borer/ termites	- 20g Carbofuran 3G/ plant may be in-corporated in soil as prophylactic measure
Orter	bearing trees			against bark borer/ termites.
Onion	Vegetative			- 30 to 45 days old transplanted onion should be top dressed with 20-25 kg urea/
Cucurbits	Nuncom			sangam depending upon the fertility. Nurseries of bitter gourd, cucumber, sponge gourd, bottle gourd, pumpkin, water
Cucurbits	Nursery			melon, etc. may be raised under polyhouse.
Animal Sciences				meion, etc. may be raised under polynouse.
* Arrange for external l	neat source during nig	ht and o	arly morning hours	
Name of bird/ animal	Stage		ease/ Management	Agro-meteorological advisories
	_		Ŭ	
Poultry (Chicken/	All age groups	Care a	and Management	Protect animals/ birds from sudden drop in temperature. Walls of sheds should be
Duck)				covered with polythene sheets/hessian cloths during the night.
				Use electric bulb or charcoal at night time to keep rooms warm in poultry shed.
		Cumb	010	Litters should be of 4.5 inches thick and stir it at regular interval.
		Gumb		- Gumboro disease vaccine (@ 1drop/ bird in eye) when the bird is 14 days old.
Sheep/ Goat	All age groups		gious Caprine	- Vaccinate against Contagious Caprine Pluero-pneumonia intra- dermally.
			-pneumonia (CCPP)	
Pig	All age groups	Dewor		Albendazole Plus Avermectin Table 6 mg/adult.
	except the young		lial infection	Ofloxacine/ Ornidazole (O ₂) tab twice daily for 5 days.
	ones	Skin d	iseases	Protect from skin disease by using Deltamethrin solution @2ml/litre water and bath
-				with the solution.
Cattle	All age groups	Tick		Use Butox liquid @ 2ml/ litre water twice a week while brushing animals.
	excepts the	Dewor	ming	Give Rafoxamide plus Levamizole (Rafox plus)/ Ranizole suspension @ 1ml/ 2kg body
	young ones			weight or 5.5ml/10 kg body weight (Ranizole) in lower altitude.







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 (18th to 21st January, 19) No rainfall was observed during the past four days. The skies remained clear but foggy at foothills. Maximum temperature ranged from 23.5 – 24.5 °C and minimum of 2.9 – 4.4 °C. Mean relative humidity of 91 % max and 33 % min was recorded in the past four days & average wind speed was 1.7 – 1.9 km/ hr. General Advisories: Weather forecast for Imphal East (23rd to 27th January, 2019) Likely to have no rains and shallow to moderate fog during morning hours and mainly clear to partly cloudy afternoon sky during next five days with max. temp. 25-26 °C & mini. temp. 4-5 °C. Relative humidity may reach upto 90 % (max) and 29 % (min). The average wind speed may be 5-6 km/hr.

* If the soil is dry, give light irrigation in the crop field to keep soil moist for better growth.

Field Crops				
Name of the crop	Stage		Pest and disease	Agro-meteorological advisories
Rapeseed/ Mustard	Flowering to fr	ruiting		- If flowering has started, then four bee boxes (colonies) may be kept for one hectare
				crop area. Avoid spray of insecticides in such area.
			Pod borer	- Spray Imidachloprid @ 0.25 ml/ litre of water to the infected patches.
		-		
			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,
		-	N 1 11 1	sprays that consist of Azadirachtin or neem oil may be used.
			Powdery mildew and	- Spray Redomil MZ 72 WP @ 2g/ litre after 50-60 days of sowing or spray Garlic
			white rust	Bulb Extract (ST) @ 1% or Trichoderma harzianum.
Field pea/ Lentil	Flowering to fr	ruiting	Powdery mildew and	- Spray Neem Seed Kernel Extract at 5% concentration for powdery mildew and
		-	Rust	Nimbicidin (0.3%) against rust.
			Downey Mildew	Apply Mancozeb 75% WP @ 1.25 -2 kg/ ha at 7-10 days interval.
Potato	Tuber initiation	n	Cut worm	If cut-worm is observed then prepare poison bait of Trichlorfon (mixture of 1kg
				husk + 40g sugar + 5g Trichlorfon + water) and apply manually by putting near the
				stem of plant above the soil surface.
				- If aphid is observed in small patches, wash off it with plain water but if it is severe,
				spray Cypermethrin 20 EC @ 1ml/ litre of water.
Pre-kharif rice	Seed collection			- Procure quality and healthy seeds for nursery raising pre-kharif rice. Treat seeds
	nursery raising	g		with Carbendazim@ 2g/ kg seeds before sowing.
Seeds storage	Post-harvest			- For seed purpose store the seeds in RC-Seed Bin after proper drying and cleaning
_	Management			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				Agro-meteorological advisories
Cole crops	Vegetative to h	nead	Diamond Black Moth	- Spray Spinosad 2.5% SC @ 6-7 ml/ 5 litre water.
*	formation	Ī	Cabbage Borer	- Apply Carbaryl 50% WP formulation @ 1.6ml/ 5 litre water.
Mango	Flowering		0	- To protect from mango hopper, spray 800ml Malathion 50 EC or 700ml of
0	0			Thiodan in 250 litres of water. To protect from Mango fruit fly, Methyl Euginol
				trap 0.1% may be used @ 10 traps per hectare. Paint the trunk of tree with
				Bordeaux paste (1:1:100) upto a height of 4-5 feet above the ground as prophylactic
				measure against diseases.
Tree-Bean	Pre-bearing an	nd	bark borer/ termites	- 20g Carbofuran 3G/ plant may be in-corporated in soil as prophylactic measure
	bearing trees			against bark borer/ termites.
Onion	Vegetative			- 30 to 45 days old transplanted onion should be top dressed with 20-25 kg urea/
O III O II	, egetative			sangam depending upon the fertility.
Cucurbits	Nursery			- Nurseries of bitter gourd, cucumber, sponge gourd, bottle gourd, pumpkin, water
				melon, etc. may be raised under polyhouse.
Animal Sciences				
* Arrange for external h	heat source during nig	ght and ea	urly morning hours.	
Name of bird/ animal	Stage	Dise	ease/ Management	Agro-meteorological advisories
Poultry (Chicken/	All age groups	Care a	nd Management	Protect animals/ birds from sudden drop in temperature. Walls of sheds should be
Duck)	in age groups	Care a	in Francychicht	covered with polythene sheets/hessian cloths during the night.
Duch)				Use electric bulb or charcoal at night time to keep rooms warm in poultry shed.
				Litters should be of 4.5 inches thick and stir it at regular interval.
		Gumbo)ro	- Gumboro disease vaccine (@ 1drop/ bird in eye) when the bird is 14 days old.
~				
Sheep/ Goat	All age groups		gious Caprine	- Vaccinate against Contagious Caprine Pluero-pneumonia intra- dermally.
			-pneumonia (CCPP)	
		Dewor		Albendazole Plus Avermectin Table 6 mg/adult.
	except the young	-	ial infection	Ofloxacine/ Ornidazole (O ₂) tab twice daily for 5 days.
	ones	Skin di	seases	Protect from skin disease by using Deltamethrin solution @2ml/litre water and bath
				with the solution.
Cattle	All age groups	Tick		Use Butox liquid @ 2ml/ litre water twice a week while brushing animals.
	excepts the	Deworn	ming	Give Rafoxamide plus Levamizole (Rafox plus)/ Ranizole suspension @ 1ml/ 2kg body
young ones				weight or 5.5ml/ 10 kg body weight (Ranizole) in lower altitude.





