

**MANIPUR AGROMET ADVISORY BULLETIN**Date of issue: 2nd April, 2019

District: Churachandpur

Past weather for the of Imphal West (29th March to 1st Arpil, 19) 1.0 mm rainfall was observed during the past four days. The skies remained clear to partly cloudy but mainly cloudy on 31 st March. Maximum temperature ranged from 26.1 – 31.0 °C and minimum of 10.4 – 15.0 °C. Mean relative humidity of 82.5 % max & 42.3 % min was recorded in the past four days & average wind speed was 3.7 – 6.1 km/ hr.			Weather forecast for Churachandpur (3rd to 7th April, 2019) Likely to have rain during next five days. The sky will remain partly cloudy to mainly cloudy with max. temp. 29-31 °C & mini. temp. 15-17 °C. Relative humidity may reach upto 95 % (max) and 38 % (min). The average wind speed may be 4-5 km/hr.		
Field Crops					
Name of the crop		Stage	Pest and disease	Agro-meteorological advisories	
Pre-kharif rice		Tillering		- Maintain the water level of 5-8 cm. Drain out excess water if accumulated due to rains. Apply 33kg Urea and 16 kg MOP per hectare after rains at 30-35 days after transplanting.	
Rabi Maize		Flowering		- Weeding and earthing up may be done after rains. Avoid water logging in the crop field.	
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	
Cucurbits		Vegetative	Red Pumpkin Beetle	- Use Methyl Eugenol as trap @ 4-10 traps/ sangam. <i>Steps to prepare trap:</i> - Cut the ½ litre empty mineral water bottle into two halves. - Mix 2-3 drops of Methyl Eugenol in 200ml of water in the lower half, cover the solution with the upper half of the bottle in inverted position so that a funnel like structure is made and beetles are lured.	
Chilli/ capsicum		Nursery		- In chillies and capsicum, spray Carbendazim + Mancozeb (Sixer) @ 2 g per litre of water after rains to control the fungal attack. - Transplant nursery in raised beds. Avoid water logging in the crop field.	
Onion		Harvesting		- Plants already more than 140 days old in varieties like Nasik and Preema, whose 70 % leaves is dry may be harvested. - Cut the leaves at the neck portion. Spread the onion in an airy shed for about a week.	
Tomato		Flowering and fruiting	Mite	- To prevent small sucking insects in the lower surface of leaves, use Neem oil @2-3 ml / lit of water after rains.	
Animal Sciences					
Name of bird/ animal		Stage	Disease/ Management	Agro-meteorological advisories	
Poultry (Chicken/ Duck)		All susceptible age groups (as and when required)	Ranikhet disease	Birds must be vaccinated as per recommended schedule mentioned below as the probability of occurrence of Ranikhet disease is high during March- April. 1. F-1 Strain may be first administered within 7 days of age and second dose may be given at 30days for all birds. 2. R ₂ B vaccine of 8-9 weeks of age group birds (layers). 3. Killed ND virus vaccine of 16-18 weeks of age group birds (layers). After that at every two months interval.	
			Coccidiosis	Give 1g Amprolium powder in 1 litre of drinking water for 5-7 days.	
Pig		Above 3 months of age (as and when required)	Swine Fever	- Vaccinate against swine fever after the age of 3 months.	
			Coccidial infection	Ofloxacin/ Ornidazole (O ₂) tab twice daily for 5 days.	
Cattle		Above 3 months of age (as and when required)	B.Q./ H.S./ F.M.D.	Vaccinate against B.Q./ H.S./ F.M.D.	
			Deworming	Give Albendazole @30 ml per 100kg body weight.	
			Milk fever	Give mineral mixture@ 60g/day in divided dose to the pregnant ones.	
			Management	Napier/ Guinea grass may be planted as fodder crop.	
Sheep/Goat		All animals	Deworming	Give Albendazole @ 25ml/100kg body weight.	
			Management	- Fly repellent must be used. - Disinfection of farm and premises are to be carried out strictly. - Due care need to be taken to prevent spread of disease caused by flies/ mosquitoes/ ticks, etc.	

**MANIPUR AGROMET ADVISORY BULLETIN**Date of issue: 2nd April, 2019

District: Imphal East

Past weather for the of Imphal West (29th March to 1st April, 19) 1.0 mm rainfall was observed during the past four days. The skies remained clear to partly cloudy but mainly cloudy on 31 st March. Maximum temperature ranged from 26.1 – 31.0 °C and minimum of 10.4 – 15.0 °C. Mean relative humidity of 82.5 % max & 42.3 % min was recorded in the past four days & average wind speed was 3.7 – 6.1 km/ hr.	Weather forecast for Imphal East (3rd to 7th April, 2019) Likely to have rain during next five days. The sky will remain partly cloudy to mainly cloudy with max. temp. 29-31 °C & mini. temp. 14-16 °C. Relative humidity may reach upto 88 % (max) and 36 % (min). The average wind speed may be 6-7 km/hr.
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Field Crops			
Name of the crop	Stage	Pest and disease	Agro-meteorological advisories
Pre-kharif rice	Tillering		- Maintain the water level of 5-8 cm. Drain out excess water if accumulated due to rains. Apply 33kg Urea and 16 kg MOP per hectare after rains at 30-35 days after transplanting.
Rabi Maize	Flowering		- Weeding and earthing up may be done after rains. Avoid water logging in the crop field.
Seeds storage	Post-harvest Management		- For seed purpose store the seeds in RC-Seed Bin after proper drying and cleaning of seeds along with dry charcoal at 80:20 w/w ratios. Check for moisture content or weight of charcoal and dry if required. - Avoid fungal growth and pest rodent in store.
Horticulture Crops			
Name of the crop	Stage	Pest and disease	Agro-meteorological advisories
Cucurbits	Vegetative	Red Pumpkin Beetle	- Use Methyl Eugenol as trap @ 4-10 traps/ sangam. <i>Steps to prepare trap:</i> - Cut the ½ litre empty mineral water bottle into two halves. - Mix 2-3 drops of Methyl Eugenol in 200ml of water in the lower half, cover the solution with the upper half of the bottle in inverted position so that a funnel like structure is made and beetles are lured.
Chilli/ capsicum	Nursery		- In chillies and capsicum, spray Carbendazim + Mancozeb (Sixer) @ 2 g per litre of water after rains to control the fungal attack. - Transplant nursery in raised beds. Avoid water logging in the crop field.
Onion	Harvesting		- Plants already more than 140 days old in varieties like Nasik and Preema, whose 70 % leaves is dry may be harvested. - Cut the leaves at the neck portion. Spread the onion in an airy shed for about a week.
Tomato	Flowering and fruiting	Mite	- To prevent small sucking insects in the lower surface of leaves, use Neem oil @ 2-3 ml / lit of water after rains.
Animal Sciences			
Name of bird/ animal	Stage	Disease/ Management	Agro-meteorological advisories
Poultry (Chicken/ Duck)	All susceptible age groups (as and when required)	Ranikhet disease	Birds must be vaccinated as per recommended schedule mentioned below as the probability of occurrence of Ranikhet disease is high during March- April. 1. F-1 Strain may be first administered within 7 days of age and second dose may be given at 30days for all birds. 2. R ₂ B vaccine of 8-9 weeks of age group birds (layers). 3. Killed ND virus vaccine of 16-18 weeks of age group birds (layers). After that at every two months interval.
		Coccidiosis	Give 1g Amprolium powder in 1 litre of drinking water for 5-7 days.
Pig	Above 3 months of age (as and when required)	Swine Fever	- Vaccinate against swine fever after the age of 3 months.
		Coccidial infection	Ofloxacin/ Ornidazole (O ₂) tab twice daily for 5 days.
Cattle	Above 3 months of age (as and when required)	B.Q./ H.S./ F.M.D.	Vaccinate against B.Q./ H.S./ F.M.D.
		Deworming	Give Albendazole @ 30 ml per 100kg body weight.
		Milk fever	Give mineral mixture @ 60g/day in divided dose to the pregnant ones.
		Management	Napier/ Guinea grass may be planted as fodder crop.
Sheep/Goat	All animals	Deworming	Give Albendazole @ 25ml/100kg body weight.
		Management	- Fly repellent must be used. - Disinfection of farm and premises are to be carried out strictly. - Due care need to be taken to prevent spread of disease caused by flies/ mosquitoes/ ticks, etc.

**MANIPUR AGROMET ADVISORY BULLETIN**Date of issue: 2nd April, 2019

District: Imphal West

Past weather for the of Imphal West (29th March to 1st April, 19) 1.0 mm rainfall was observed during the past four days. The skies remained clear to partly cloudy but mainly cloudy on 31 st March. Maximum temperature ranged from 26.1 – 31.0 °C and minimum of 10.4 – 15.0 °C. Mean relative humidity of 82.5 % max & 42.3 % min was recorded in the past four days & average wind speed was 3.7 – 6.1 km/ hr.	Weather forecast for Imphal West (3rd to 7th April, 2019) Likely to have rain during next five days. The sky will remain partly cloudy to mainly cloudy with max. temp. 29-31 °C & mini. temp. 14-16 °C. Relative humidity may reach upto 97 % (max) and 40 % (min). The average wind speed may be 3-5 km/hr.
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Field Crops			
Name of the crop	Stage	Pest and disease	Agro-meteorological advisories
Pre-kharif rice	Tillering		- Maintain the water level of 5-8 cm. Drain out excess water if accumulated due to rains. Apply 33kg Urea and 16 kg MOP per hectare after rains at 30-35 days after transplanting.
Rabi Maize	Flowering		- Weeding and earthing up may be done after rains. Avoid water logging in the crop field.
Seeds storage	Post-harvest Management		- For seed purpose store the seeds in RC-Seed Bin after proper drying and cleaning of seeds along with dry charcoal at 80:20 w/w ratios. Check for moisture content or weight of charcoal and dry if required. - Avoid fungal growth and pest rodent in store.
Horticulture Crops			
Name of the crop	Stage	Pest and disease	Agro-meteorological advisories
Cucurbits	Vegetative	Red Pumpkin Beetle	- Use Methyl Eugenol as trap @ 4-10 traps/ sangam. <i>Steps to prepare trap:</i> - Cut the ½ litre empty mineral water bottle into two halves. - Mix 2-3 drops of Methyl Eugenol in 200ml of water in the lower half, cover the solution with the upper half of the bottle in inverted position so that a funnel like structure is made and beetles are lured.
Chilli/ capsicum	Nursery		- In chillies and capsicum, spray Carbendazim + Mancozeb (Sixer) @ 2 g per litre of water after rains to control the fungal attack. - Transplant nursery in raised beds. Avoid water logging in the crop field.
Onion	Harvesting		- Plants already more than 140 days old in varieties like Nasik and Preema, whose 70 % leaves is dry may be harvested. - Cut the leaves at the neck portion. Spread the onion in an airy shed for about a week.
Tomato	Flowering and fruiting	Mite	- To prevent small sucking insects in the lower surface of leaves, use Neem oil @ 2-3 ml / lit of water after rains.
Animal Sciences			
Name of bird/ animal	Stage	Disease/ Management	Agro-meteorological advisories
Poultry (Chicken/ Duck)	All susceptible age groups (as and when required)	Ranikhet disease	Birds must be vaccinated as per recommended schedule mentioned below as the probability of occurrence of Ranikhet disease is high during March- April. 1. F-1 Strain may be first administered within 7 days of age and second dose may be given at 30days for all birds. 2. R ₂ B vaccine of 8-9 weeks of age group birds (layers). 3. Killed ND virus vaccine of 16-18 weeks of age group birds (layers). After that at every two months interval.
		Coccidiosis	Give 1g Amprolium powder in 1 litre of drinking water for 5-7 days.
Pig	Above 3 months of age (as and when required)	Swine Fever	- Vaccinate against swine fever after the age of 3 months.
		Coccidial infection	Ofloxacin/ Ornidazole (O ₂) tab twice daily for 5 days.
Cattle	Above 3 months of age (as and when required)	B.Q./ H.S./ F.M.D.	Vaccinate against B.Q./ H.S./ F.M.D.
		Deworming	Give Albendazole @ 30 ml per 100kg body weight.
		Milk fever	Give mineral mixture @ 60g/day in divided dose to the pregnant ones.
		Management	Napier/ Guinea grass may be planted as fodder crop.
Sheep/Goat	All animals	Deworming	Give Albendazole @ 25ml/100kg body weight.
		Management	- Fly repellent must be used. - Disinfection of farm and premises are to be carried out strictly. - Due care need to be taken to prevent spread of disease caused by flies/ mosquitoes/ ticks, etc.

**MANIPUR AGROMET ADVISORY BULLETIN**Date of issue: 2nd April, 2019

District: Senapati

Past weather for the of Imphal West (29th March to 1st April, 19) 1.0 mm rainfall was observed during the past four days. The skies remained clear to partly cloudy but mainly cloudy on 31 st March. Maximum temperature ranged from 26.1 – 31.0 °C and minimum of 10.4 – 15.0 °C. Mean relative humidity of 82.5 % max & 42.3 % min was recorded in the past four days & average wind speed was 3.7 – 6.1 km/ hr.	Weather forecast for Senapati (3rd to 7th April, 2019) Likely to have rain during next five days. The sky will remain partly cloudy to mainly cloudy with max. temp. 24-25 °C & mini. temp. 12-13 °C. Relative humidity may reach upto 95 % (max) and 47 % (min). The average wind speed may be 4-6 km/hr.
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Field Crops			
Name of the crop	Stage	Pest and disease	Agro-meteorological advisories
Pre-kharif rice	Tillering		- Maintain the water level of 5-8 cm. Drain out excess water if accumulated due to rains. Apply 33kg Urea and 16 kg MOP per hectare after rains at 30-35 days after transplanting.
Rabi Maize	Flowering		- Weeding and earthing up may be done after rains. Avoid water logging in the crop field.
Potato	Planting		- Collect seed tubers from reliable source and treated it with Sixer (Carbendazim + Mencozeb) @ 2 gm/lit of water or Carbaryl 50 WP or Ridomil @ 2 gm/kg seed/ tubers for 20 minutes and let it dry in shed before planting as preventive measure against soil borne diseases.
Seeds storage	Post-harvest Management		- For seed purpose store the seeds in RC-Seed Bin after proper drying and cleaning of seeds along with dry charcoal at 80:20 w/w ratios. Check for moisture content or weight of charcoal and dry if required. - Avoid fungal growth and pest rodent in store.
Horticulture Crops			
Name of the crop	Stage	Pest and disease	Agro-meteorological advisories
Cucurbits	Vegetative	Red Pumpkin Beetle	- Use Methyl Eugenol as trap @ 4-10 traps/ sangam. <i>Steps to prepare trap:</i> - Cut the ½ litre empty mineral water bottle into two halves. - Mix 2-3 drops of Methyl Eugenol in 200ml of water in the lower half, cover the solution with the upper half of the bottle in inverted position so that a funnel like structure is made and beetles are lured.
Chilli/ capsicum	Nursery		- In chillies and capsicum, spray Carbendazim + Mancozeb (Sixer) @ 2 g per litre of water after rains to control the fungal attack. - Transplant nursery in raised beds. Avoid water logging in the crop field.
Onion	Harvesting		- Plants already more than 140 days old in varieties like Nasik and Preema, whose 70 % leaves is dry may be harvested. - Cut the leaves at the neck portion. Spread the onion in an airy shed for about a week.
Animal Sciences			
Name of bird/ animal	Stage	Disease/ Management	Agro-meteorological advisories
Poultry (Chicken/ Duck)	All susceptible age groups (as and when required)	Ranikhet disease	Birds must be vaccinated as per recommended schedule mentioned below as the probability of occurrence of Ranikhet disease is high during March- April. 1. F-1 Strain may be first administered within 7 days of age and second dose may be given at 30days for all birds. 2. R ₂ B vaccine of 8-9 weeks of age group birds (layers). 3. Killed ND virus vaccine of 16-18 weeks of age group birds (layers). After that at every two months interval.
		Coccidiosis	Give 1g Amprolium powder in 1 litre of drinking water for 5-7 days.
Pig	Above 3 months of age (as and when required)	Swine Fever	- Vaccinate against swine fever after the age of 3 months.
		Coccidial infection	Ofloxacin/ Ornidazole (O ₂) tab twice daily for 5 days.
Cattle	Above 3 months of age (as and when required)	B.Q./ H.S./ F.M.D.	Vaccinate against B.Q./ H.S./ F.M.D.
		Deworming	Give Albendazole @30 ml per 100kg body weight.
		Milk fever	Give mineral mixture @ 60g/day in divided dose to the pregnant ones.
		Management	Napier/ Guinea grass may be planted as fodder crop.
Sheep/Goat	All animals	Deworming	Give Albendazole @ 25ml/100kg body weight.
		Management	- Fly repellent must be used. - Disinfection of farm and premises are to be carried out strictly. - Due care need to be taken to prevent spread of disease caused by flies/ mosquitoes/ ticks, etc.

(I. Meghachandra Singh)
Nodal Officer, GKMS

**MANIPUR AGROMET ADVISORY BULLETIN**Date of issue: 2nd April, 2019

District: Tamenglong

Past weather for the of Imphal West (29th March to 1st April, 19) 1.0 mm rainfall was observed during the past four days. The skies remained clear to partly cloudy but mainly cloudy on 31 st March. Maximum temperature ranged from 26.1 – 31.0 °C and minimum of 10.4 – 15.0 °C. Mean relative humidity of 82.5 % max & 42.3 % min was recorded in the past four days & average wind speed was 3.7 – 6.1 km/ hr.	Weather forecast for Tamenglong (3rd to 7th April, 2019) Likely to have rain during next five days. The sky will remain partly cloudy to mainly cloudy with max. temp. 27-30 °C & mini. temp. 13-15 °C. Relative humidity may reach upto 97 % (max) and 44 % (min). The average wind speed may be 4-5 km/hr.
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Field Crops			
Name of the crop	Stage	Pest and disease	Agro-meteorological advisories
Pre-kharif rice	Tillering		- Maintain the water level of 5-8 cm. Drain out excess water if accumulated due to rains. Apply 33kg Urea and 16 kg MOP per hectare after rains at 30-35 days after transplanting.
Rabi Maize	Flowering		- Weeding and earthing up may be done after rains. Avoid water logging in the crop field.
Seeds storage	Post-harvest Management		- For seed purpose store the seeds in RC-Seed Bin after proper drying and cleaning of seeds along with dry charcoal at 80:20 w/w ratios. Check for moisture content or weight of charcoal and dry if required. - Avoid fungal growth and pest rodent in store.
Horticulture Crops			
Name of the crop	Stage	Pest and disease	Agro-meteorological advisories
Cucurbits	Vegetative	Red Pumpkin Beetle	- Use Methyl Eugenol as trap @ 4-10 traps/ sangam. <i>Steps to prepare trap:</i> - Cut the ½ litre empty mineral water bottle into two halves. - Mix 2-3 drops of Methyl Eugenol in 200ml of water in the lower half, cover the solution with the upper half of the bottle in inverted position so that a funnel like structure is made and beetles are lured.
Chilli/ capsicum	Nursery		- In chillies and capsicum, spray Carbendazim + Mancozeb (Sixer) @ 2 g per litre of water after rains to control the fungal attack. - Transplant nursery in raised beds. Avoid water logging in the crop field.
Onion	Harvesting		- Plants already more than 140 days old in varieties like Nasik and Preema, whose 70 % leaves is dry may be harvested. - Cut the leaves at the neck portion. Spread the onion in an airy shed for about a week.
Tomato	Flowering and fruiting	Mite	- To prevent small sucking insects in the lower surface of leaves, use Neem oil @ 2-3 ml / lit of water after rains.
Animal Sciences			
Name of bird/ animal	Stage	Disease/ Management	Agro-meteorological advisories
Poultry (Chicken/ Duck)	All susceptible age groups (as and when required)	Ranikhet disease	Birds must be vaccinated as per recommended schedule mentioned below as the probability of occurrence of Ranikhet disease is high during March- April. 1. F-1 Strain may be first administered within 7 days of age and second dose may be given at 30days for all birds. 2. R ₂ B vaccine of 8-9 weeks of age group birds (layers). 3. Killed ND virus vaccine of 16-18 weeks of age group birds (layers). After that at every two months interval.
		Coccidiosis	Give 1g Amprolium powder in 1 litre of drinking water for 5-7 days.
Pig	Above 3 months of age (as and when required)	Swine Fever	- Vaccinate against swine fever after the age of 3 months.
		Coccidial infection	Ofloxacin/ Ornidazole (O ₂) tab twice daily for 5 days.
Cattle	Above 3 months of age (as and when required)	B.Q./ H.S./ F.M.D.	Vaccinate against B.Q./ H.S./ F.M.D.
		Deworming	Give Albendazole @ 30 ml per 100kg body weight.
		Milk fever	Give mineral mixture @ 60g/day in divided dose to the pregnant ones.
		Management	Napier/ Guinea grass may be planted as fodder crop.
Sheep/Goat	All animals	Deworming	Give Albendazole @ 25ml/100kg body weight.
		Management	- Fly repellent must be used. - Disinfection of farm and premises are to be carried out strictly. - Due care need to be taken to prevent spread of disease caused by flies/ mosquitoes/ ticks, etc.

**MANIPUR AGROMET ADVISORY BULLETIN**Date of issue: 2nd April, 2019

District: Thoubal

Past weather for the of Imphal West (29th March to 1st April, 19) 1.0 mm rainfall was observed during the past four days. The skies remained clear to partly cloudy but mainly cloudy on 31 st March. Maximum temperature ranged from 26.1 – 31.0 °C and minimum of 10.4 – 15.0 °C. Mean relative humidity of 82.5 % max & 42.3 % min was recorded in the past four days & average wind speed was 3.7 – 6.1 km/ hr.	Weather forecast for Thoubal (3rd to 7th April, 2019) Likely to have rain during next five days. The sky will remain partly cloudy to mainly cloudy with max. temp. 30-31 °C & mini. temp. 14-16 °C. Relative humidity may reach upto 92 % (max) and 36 % (min). The average wind speed may be 4-8 km/hr.
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Field Crops			
Name of the crop	Stage	Pest and disease	Agro-meteorological advisories
Pre-kharif rice	Tillering		- Maintain the water level of 5-8 cm. Drain out excess water if accumulated due to rains. Apply 33kg Urea and 16 kg MOP per hectare after rains at 30-35 days after transplanting.
Rabi Maize	Flowering		- Weeding and earthing up may be done after rains. Avoid water logging in the crop field.
Seeds storage	Post-harvest Management		- For seed purpose store the seeds in RC-Seed Bin after proper drying and cleaning of seeds along with dry charcoal at 80:20 w/w ratios. Check for moisture content or weight of charcoal and dry if required. - Avoid fungal growth and pest rodent in store.
Horticulture Crops			
Name of the crop	Stage	Pest and disease	Agro-meteorological advisories
Cucurbits	Vegetative	Red Pumpkin Beetle	- Use Methyl Eugenol as trap @ 4-10 traps/ sangam. <i>Steps to prepare trap:</i> - Cut the ½ litre empty mineral water bottle into two halves. - Mix 2-3 drops of Methyl Eugenol in 200ml of water in the lower half, cover the solution with the upper half of the bottle in inverted position so that a funnel like structure is made and beetles are lured.
Chilli/ capsicum	Nursery		- In chillies and capsicum, spray Carbendazim + Mancozeb (Sixer) @ 2 g per litre of water after rains to control the fungal attack. - Transplant nursery in raised beds. Avoid water logging in the crop field.
Onion	Harvesting		- Plants already more than 140 days old in varieties like Nasik and Preema, whose 70 % leaves is dry may be harvested. - Cut the leaves at the neck portion. Spread the onion in an airy shed for about a week.
Tomato	Flowering and fruiting	Mite	- To prevent small sucking insects in the lower surface of leaves, use Neem oil @ 2-3 ml / lit of water after rains.
Animal Sciences			
Name of bird/ animal	Stage	Disease/ Management	Agro-meteorological advisories
Poultry (Chicken/ Duck)	All susceptible age groups (as and when required)	Ranikhet disease	Birds must be vaccinated as per recommended schedule mentioned below as the probability of occurrence of Ranikhet disease is high during March- April. 1. F-1 Strain may be first administered within 7 days of age and second dose may be given at 30days for all birds. 2. R ₂ B vaccine of 8-9 weeks of age group birds (layers). 3. Killed ND virus vaccine of 16-18 weeks of age group birds (layers). After that at every two months interval.
		Coccidiosis	Give 1g Amprolium powder in 1 litre of drinking water for 5-7 days.
Pig	Above 3 months of age (as and when required)	Swine Fever	- Vaccinate against swine fever after the age of 3 months.
		Coccidial infection	Ofloxacin/ Ornidazole (O ₂) tab twice daily for 5 days.
Cattle	Above 3 months of age (as and when required)	B.Q./ H.S./ F.M.D.	Vaccinate against B.Q./ H.S./ F.M.D.
		Deworming	Give Albendazole @ 30 ml per 100kg body weight.
		Milk fever	Give mineral mixture @ 60g/day in divided dose to the pregnant ones.
		Management	Napier/ Guinea grass may be planted as fodder crop.
Sheep/Goat	All animals	Deworming	Give Albendazole @ 25ml/100kg body weight.
		Management	- Fly repellent must be used. - Disinfection of farm and premises are to be carried out strictly. - Due care need to be taken to prevent spread of disease caused by flies/ mosquitoes/ ticks, etc.

**MANIPUR AGROMET ADVISORY BULLETIN**Date of issue: 2nd April, 2019

District: Ukhrul

Past weather for the of Imphal West (29th March to 1st April, 19) 1.0 mm rainfall was observed during the past four days. The skies remained clear to partly cloudy but mainly cloudy on 31 st March. Maximum temperature ranged from 26.1 – 31.0 °C and minimum of 10.4 – 15.0 °C. Mean relative humidity of 82.5 % max & 42.3 % min was recorded in the past four days & average wind speed was 3.7 – 6.1 km/ hr.	Weather forecast for Ukhrul (3rd to 7th April, 2019) Likely to have rain during next five days. The sky will remain partly cloudy to mainly cloudy with max. temp. 27-29 °C & mini. temp. 12-14 °C. Relative humidity may reach upto 93 % (max) and 47 % (min). The average wind speed may be 4-6 km/hr.
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Field Crops			
Name of the crop	Stage	Pest and disease	Agro-meteorological advisories
Pre-kharif rice	Tillering		- Maintain the water level of 5-8 cm. Drain out excess water if accumulated due to rains. Apply 33kg Urea and 16 kg MOP per hectare after rains at 30-35 days after transplanting.
Rabi Maize	Flowering		- Weeding and earthing up may be done after rains. Avoid water logging in the crop field.
Potato	Planting		- Collect seed tubers from reliable source and treated it with Sixer (Carbendazim + Mencozeb) @ 2 gm/lit of water or Carbaryl 50 WP or Ridomil @ 2 gm/kg seed/ tubers for 20 minutes and let it dry in shed before planting as preventive measure against soil borne diseases.
Seeds storage	Post-harvest Management		- For seed purpose store the seeds in RC-Seed Bin after proper drying and cleaning of seeds along with dry charcoal at 80:20 w/w ratios. Check for moisture content or weight of charcoal and dry if required. - Avoid fungal growth and pest rodent in store.
Horticulture Crops			
Name of the crop	Stage	Pest and disease	Agro-meteorological advisories
Cucurbits	Vegetative	Red Pumpkin Beetle	- Use Methyl Eugenol as trap @ 4-10 traps/ sangam. <i>Steps to prepare trap:</i> - Cut the ½ litre empty mineral water bottle into two halves. - Mix 2-3 drops of Methyl Eugenol in 200ml of water in the lower half, cover the solution with the upper half of the bottle in inverted position so that a funnel like structure is made and beetles are lured.
Chilli/ capsicum	Nursery		- In chillies and capsicum, spray Carbendazim + Mancozeb (Sixer) @ 2 g per litre of water after rains to control the fungal attack. - Transplant nursery in raised beds. Avoid water logging in the crop field.
Onion	Harvesting		- Plants already more than 140 days old in varieties like Nasik and Preema, whose 70 % leaves is dry may be harvested. - Cut the leaves at the neck portion. Spread the onion in an airy shed for about a week.
Animal Sciences			
Name of bird/ animal	Stage	Disease/ Management	Agro-meteorological advisories
Poultry (Chicken/ Duck)	All susceptible age groups (as and when required)	Ranikhet disease	Birds must be vaccinated as per recommended schedule mentioned below as the probability of occurrence of Ranikhet disease is high during March- April. 1. F-1 Strain may be first administered within 7 days of age and second dose may be given at 30days for all birds. 2. R ₂ B vaccine of 8-9 weeks of age group birds (layers). 3. Killed ND virus vaccine of 16-18 weeks of age group birds (layers). After that at every two months interval.
		Coccidiosis	Give 1g Amprolium powder in 1 litre of drinking water for 5-7 days.
Pig	Above 3 months of age (as and when required)	Swine Fever	- Vaccinate against swine fever after the age of 3 months.
		Coccidial infection	Ofloxacin/ Ornidazole (O ₂) tab twice daily for 5 days.
Cattle	Above 3 months of age (as and when required)	B.Q./ H.S./ F.M.D.	Vaccinate against B.Q./ H.S./ F.M.D.
		Deworming	Give Albendazole @30 ml per 100kg body weight.
		Milk fever	Give mineral mixture @ 60g/day in divided dose to the pregnant ones.
		Management	Napier/ Guinea grass may be planted as fodder crop.
Sheep/Goat	All animals	Deworming	Give Albendazole @ 25ml/100kg body weight.
		Management	- Fly repellent must be used. - Disinfection of farm and premises are to be carried out strictly. - Due care need to be taken to prevent spread of disease caused by flies/ mosquitoes/ ticks, etc.

(I. Meghachandra Singh)
Nodal Officer, GKMS

**MANIPUR AGROMET ADVISORY BULLETIN****District: Imphal West****Date of issue: 2nd April, 2019****Block: Patsoi****Past weather for the of Imphal West (29th March to 1st April, 19)**

1.0 mm rainfall was observed during the past four days. The skies remained clear to partly cloudy but mainly cloudy on 31st March. Maximum temperature ranged from 26.1 – 31.0 °C and minimum of 10.4 – 15.0 °C. Mean relative humidity of 82.5 % max & 42.3 % min was recorded in the past four days & average wind speed was 3.7 – 6.1 km/ hr.

Weather forecast for Patsoi (3rd to 7th April, 2019)

Likely to have rain during next five days. The sky will remain partly cloudy to mainly cloudy with average max. temp. 31.9 °C & mini. temp. 17.4 °C. The average relative humidity of 92 % (max) and 40.4 % (min). The average wind speed may be 6.2 km/hr.

Field Crops

Name of the crop	Stage	Pest and disease	Agro-meteorological advisories
Pre-kharif rice	Tillering		- Maintain the water level of 5-8 cm. Drain out excess water if accumulated due to rains. Apply 33kg Urea and 16 kg MOP per hectare after rains at 30-35 days after transplanting.
Rabi Maize	Flowering		- Weeding and earthing up may be done after rains. Avoid water logging in the crop field.
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
Cucurbits	Vegetative	Red Pumpkin Beetle	- Use Methyl Euginol as trap @ 4-10 traps/ sangam. <i>Steps to prepare trap:</i> - Cut the ½ litre empty mineral water bottle into two halves. - Mix 2-3 drops of Methyl Euginol in 200ml of water in the lower half, cover the solution with the upper half of the bottle in inverted position so that a funnel like structure is made and beetles are lured.
Chilli/ capsicum	Nursery		- In chillies and capsicum, spray Carbendazim + Mancozeb (Sixer) @ 2 g per litre of water after rains to control the fungal attack. - Transplant nursery in raised beds. Avoid water logging in the crop field.
Onion	Harvesting		- Plants already more than 140 days old in varieties like Nasik and Preema, whose 70 % leaves is dry may be harvested. - Cut the leaves at the neck portion. Spread the onion in an airy shed for about a week.
Tomato	Flowering and fruiting	Mite	- To prevent small sucking insects in the lower surface of leaves, use Neem oil @ 2-3 ml / lit of water after rains.

Animal Sciences

Name of bird/ animal	Stage	Disease/ Management	Agro-meteorological advisories
Poultry (Chicken/ Duck)	All susceptible age groups (as and when required)	Ranikhet disease	Birds must be vaccinated as per recommended schedule mentioned below as the probability of occurrence of Ranikhet disease is high during March- April. 1. F-1 Strain may be first administered within 7 days of age and second dose may be given at 30days for all birds. 2. R ₂ B vaccine of 8-9 weeks of age group birds (layers). 3. Killed ND virus vaccine of 16-18 weeks of age group birds (layers). After that at every two months interval.
		Coccidiosis	Give 1g Amprolium powder in 1 litre of drinking water for 5-7 days.
Pig	Above 3 months of age (as and when required)	Swine Fever	- Vaccinate against swine fever after the age of 3 months.
		Coccidial infection	Ofloxacin/ Ornidazole (O ₂) tab twice daily for 5 days.
Cattle	Above 3 months of age (as and when required)	B.Q./ H.S./ F.M.D.	Vaccinate against B.Q./ H.S./ F.M.D.
		Deworming	Give Albendazole @ 30 ml per 100kg body weight.
		Milk fever	Give mineral mixture @ 60g/day in divided dose to the pregnant ones.
		Management	Napier/ Guinea grass may be planted as fodder crop.
Sheep/Goat	All animals	Deworming	Give Albendazole @ 25ml/100kg body weight.
		Management	- Fly repellent must be used. - Disinfection of farm and premises are to be carried out strictly. - Due care need to be taken to prevent spread of disease caused by flies/ mosquitoes/ ticks, etc.

**MANIPUR AGROMET ADVISORY BULLETIN****District: Imphal West****Date of issue: 2nd April, 2019****Block: Wangoi****Past weather for the of Imphal West (29th March to 1st April, 19)**

1.0 mm rainfall was observed during the past four days. The skies remained clear to partly cloudy but mainly cloudy on 31st March. Maximum temperature ranged from 26.1 – 31.0 °C and minimum of 10.4 – 15.0 °C. Mean relative humidity of 82.5 % max & 42.3 % min was recorded in the past four days & average wind speed was 3.7 – 6.1 km/ hr.

Weather forecast for Wangoi (3rd to 7th April, 2019)

Likely to have rain during next five days. The sky will remain partly cloudy to mainly cloudy with average max. temp. 31.3 °C & mini. temp. 17.6 °C. The average relative humidity of 90.6 % (max) and 39.4 % (min). The average wind speed may be 5.4 km/hr.

Field Crops

Name of the crop	Stage	Pest and disease	Agro-meteorological advisories
Pre-kharif rice	Tillering		- Maintain the water level of 5-8 cm. Drain out excess water if accumulated due to rains. Apply 33kg Urea and 16 kg MOP per hectare after rains at 30-35 days after transplanting.
Rabi Maize	Flowering		- Weeding and earthing up may be done after rains. Avoid water logging in the crop field.
Seeds storage	Post-harvest Management		- For seed purpose store the seeds in RC-Seed Bin after proper drying and cleaning of seeds along with dry charcoal at 80:20 w/w ratios. Check for moisture content or weight of charcoal and dry if required. - Avoid fungal growth and pest rodent in store.

Horticulture Crops

Name of the crop	Stage	Pest and disease	Agro-meteorological advisories
Cucurbits	Vegetative	Red Pumpkin Beetle	- Use Methyl Eugenol as trap @ 4-10 traps/ sangam. <i>Steps to prepare trap:</i> - Cut the ½ litre empty mineral water bottle into two halves. - Mix 2-3 drops of Methyl Eugenol in 200ml of water in the lower half, cover the solution with the upper half of the bottle in inverted position so that a funnel like structure is made and beetles are lured.
Chilli/ capsicum	Nursery		- In chillies and capsicum, spray Carbendazim + Mancozeb (Sixer) @ 2 g per litre of water after rains to control the fungal attack. - Transplant nursery in raised beds. Avoid water logging in the crop field.
Onion	Harvesting		- Plants already more than 140 days old in varieties like Nasik and Preema, whose 70 % leaves is dry may be harvested. - Cut the leaves at the neck portion. Spread the onion in an airy shed for about a week.
Tomato	Flowering and fruiting	Mite	- To prevent small sucking insects in the lower surface of leaves, use Neem oil @ 2-3 ml / lit of water after rains.

Animal Sciences

Name of bird/ animal	Stage	Disease/ Management	Agro-meteorological advisories
Poultry (Chicken/ Duck)	All susceptible age groups (as and when required)	Ranikhet disease	Birds must be vaccinated as per recommended schedule mentioned below as the probability of occurrence of Ranikhet disease is high during March- April. 1. F-1 Strain may be first administered within 7 days of age and second dose may be given at 30days for all birds. 2. R ₂ B vaccine of 8-9 weeks of age group birds (layers). 3. Killed ND virus vaccine of 16-18 weeks of age group birds (layers). After that at every two months interval.
		Coccidiosis	Give 1g Amprolium powder in 1 litre of drinking water for 5-7 days.
Pig	Above 3 months of age (as and when required)	Swine Fever	- Vaccinate against swine fever after the age of 3 months.
		Coccidial infection	Ofloxacin/ Ornidazole (O ₂) tab twice daily for 5 days.
Cattle	Above 3 months of age (as and when required)	B.Q./ H.S./ F.M.D.	Vaccinate against B.Q./ H.S./ F.M.D.
		Deworming	Give Albendazole @ 30 ml per 100kg body weight.
		Milk fever	Give mineral mixture @ 60g/day in divided dose to the pregnant ones.
		Management	Napier/ Guinea grass may be planted as fodder crop.
Sheep/Goat	All animals	Deworming	Give Albendazole @ 25ml/100kg body weight.
		Management	- Fly repellent must be used. - Disinfection of farm and premises are to be carried out strictly. - Due care need to be taken to prevent spread of disease caused by flies/ mosquitoes/ ticks, etc.

**MANIPUR AGROMET ADVISORY BULLETIN****District: Imphal West****Date of issue: 2nd April, 2019****Block: Haorangsabal****Past weather for the of Imphal West (29th March to 1st April, 19)**

1.0 mm rainfall was observed during the past four days. The skies remained clear to partly cloudy but mainly cloudy on 31st March. Maximum temperature ranged from 26.1 – 31.0 °C and minimum of 10.4 – 15.0 °C. Mean relative humidity of 82.5 % max & 42.3 % min was recorded in the past four days & average wind speed was 3.7 – 6.1 km/ hr.

Weather forecast for Haorangsabal (3rd to 7th April, 2019)

Likely to have rain during next five days. The sky will remain partly cloudy to mainly cloudy with average max. temp. 30.8 °C & mini. temp. 17.3 °C. The average relative humidity of 92 % (max) and 40.6 % (min). The average wind speed may be 6.2 km/hr.

Field Crops

Name of the crop	Stage	Pest and disease	Agro-meteorological advisories
Pre-kharif rice	Tillering		- Maintain the water level of 5-8 cm. Drain out excess water if accumulated due to rains. Apply 33kg Urea and 16 kg MOP per hectare after rains at 30-35 days after transplanting.
Rabi Maize	Flowering		- Weeding and earthing up may be done after rains. Avoid water logging in the crop field.
Seeds storage	Post-harvest Management		- For seed purpose store the seeds in RC-Seed Bin after proper drying and cleaning of seeds along with dry charcoal at 80:20 w/w ratios. Check for moisture content or weight of charcoal and dry if required. - Avoid fungal growth and pest rodent in store.

Horticulture Crops

Name of the crop	Stage	Pest and disease	Agro-meteorological advisories
Cucurbits	Vegetative	Red Pumpkin Beetle	- Use Methyl Eugenol as trap @ 4-10 traps/ sangam. <i>Steps to prepare trap:</i> - Cut the ½ litre empty mineral water bottle into two halves. - Mix 2-3 drops of Methyl Eugenol in 200ml of water in the lower half, cover the solution with the upper half of the bottle in inverted position so that a funnel like structure is made and beetles are lured.
Chilli/ capsicum	Nursery		- In chillies and capsicum, spray Carbendazim + Mancozeb (Sixer) @ 2 g per litre of water after rains to control the fungal attack. - Transplant nursery in raised beds. Avoid water logging in the crop field.
Onion	Harvesting		- Plants already more than 140 days old in varieties like Nasik and Preema, whose 70 % leaves is dry may be harvested. - Cut the leaves at the neck portion. Spread the onion in an airy shed for about a week.
Tomato	Flowering and fruiting	Mite	- To prevent small sucking insects in the lower surface of leaves, use Neem oil @ 2-3 ml / lit of water after rains.

Animal Sciences

Name of bird/ animal	Stage	Disease/ Management	Agro-meteorological advisories
Poultry (Chicken/ Duck)	All susceptible age groups (as and when required)	Ranikhet disease	Birds must be vaccinated as per recommended schedule mentioned below as the probability of occurrence of Ranikhet disease is high during March- April. 1. F-1 Strain may be first administered within 7 days of age and second dose may be given at 30days for all birds. 2. R ₂ B vaccine of 8-9 weeks of age group birds (layers). 3. Killed ND virus vaccine of 16-18 weeks of age group birds (layers). After that at every two months interval.
		Coccidiosis	Give 1g Amprolium powder in 1 litre of drinking water for 5-7 days.
Pig	Above 3 months of age (as and when required)	Swine Fever	- Vaccinate against swine fever after the age of 3 months.
		Coccidial infection	Ofloxacin/ Ornidazole (O ₂) tab twice daily for 5 days.
Cattle	Above 3 months of age (as and when required)	B.Q./ H.S./ F.M.D.	Vaccinate against B.Q./ H.S./ F.M.D.
		Deworming	Give Albendazole @ 30 ml per 100kg body weight.
		Milk fever	Give mineral mixture @ 60g/day in divided dose to the pregnant ones.
		Management	Napier/ Guinea grass may be planted as fodder crop.
Sheep/Goat	All animals	Deworming	Give Albendazole @ 25ml/100kg body weight.
		Management	- Fly repellent must be used. - Disinfection of farm and premises are to be carried out strictly. - Due care need to be taken to prevent spread of disease caused by flies/ mosquitoes/ ticks, etc.

**MANIPUR AGROMET ADVISORY BULLETIN****District: Imphal West****Date of issue: 2nd April, 2019****Block: Hiayangthang****Past weather for the of Imphal West (29th March to 1st April, 19)**

1.0 mm rainfall was observed during the past four days. The skies remained clear to partly cloudy but mainly cloudy on 31st March. Maximum temperature ranged from 26.1 – 31.0 °C and minimum of 10.4 – 15.0 °C. Mean relative humidity of 82.5 % max & 42.3 % min was recorded in the past four days & average wind speed was 3.7 – 6.1 km/ hr.

Weather forecast for Hiayangthang (3rd to 7th April, 2019)

Likely to have rain during next five days. The sky will remain partly cloudy to mainly cloudy with average max. temp. 31.0 °C & mini. temp. 17.5 °C. The average relative humidity of 92 % (max) and 40.4 % (min). The average wind speed may be 5.6 km/hr.

Field Crops

Name of the crop	Stage	Pest and disease	Agro-meteorological advisories
Pre-kharif rice	Tillering		- Maintain the water level of 5-8 cm. Drain out excess water if accumulated due to rains. Apply 33kg Urea and 16 kg MOP per hectare after rains at 30-35 days after transplanting.
Rabi Maize	Flowering		- Weeding and earthing up may be done after rains. Avoid water logging in the crop field.
Seeds storage	Post-harvest Management		- For seed purpose store the seeds in RC-Seed Bin after proper drying and cleaning of seeds along with dry charcoal at 80:20 w/w ratios. Check for moisture content or weight of charcoal and dry if required. - Avoid fungal growth and pest rodent in store.

Horticulture Crops

Name of the crop	Stage	Pest and disease	Agro-meteorological advisories
Cucurbits	Vegetative	Red Pumpkin Beetle	- Use Methyl Eugenol as trap @ 4-10 traps/ sangam. <i>Steps to prepare trap:</i> - Cut the ½ litre empty mineral water bottle into two halves. - Mix 2-3 drops of Methyl Eugenol in 200ml of water in the lower half, cover the solution with the upper half of the bottle in inverted position so that a funnel like structure is made and beetles are lured.
Chilli/ capsicum	Nursery		- In chillies and capsicum, spray Carbendazim + Mancozeb (Sixer) @ 2 g per litre of water after rains to control the fungal attack. - Transplant nursery in raised beds. Avoid water logging in the crop field.
Onion	Harvesting		- Plants already more than 140 days old in varieties like Nasik and Preema, whose 70 % leaves is dry may be harvested. - Cut the leaves at the neck portion. Spread the onion in an airy shed for about a week.
Tomato	Flowering and fruiting	Mite	- To prevent small sucking insects in the lower surface of leaves, use Neem oil @ 2-3 ml / lit of water after rains.

Animal Sciences

Name of bird/ animal	Stage	Disease/ Management	Agro-meteorological advisories
Poultry (Chicken/ Duck)	All susceptible age groups (as and when required)	Ranikhet disease	Birds must be vaccinated as per recommended schedule mentioned below as the probability of occurrence of Ranikhet disease is high during March- April. 1. F-1 Strain may be first administered within 7 days of age and second dose may be given at 30days for all birds. 2. R ₂ B vaccine of 8-9 weeks of age group birds (layers). 3. Killed ND virus vaccine of 16-18 weeks of age group birds (layers). After that at every two months interval.
		Coccidiosis	Give 1g Amprolium powder in 1 litre of drinking water for 5-7 days.
Pig	Above 3 months of age (as and when required)	Swine Fever	- Vaccinate against swine fever after the age of 3 months.
		Coccidial infection	Ofloxacin/ Ornidazole (O ₂) tab twice daily for 5 days.
Cattle	Above 3 months of age (as and when required)	B.Q./ H.S./ F.M.D.	Vaccinate against B.Q./ H.S./ F.M.D.
		Deworming	Give Albendazole @ 30 ml per 100kg body weight.
		Milk fever	Give mineral mixture @ 60g/day in divided dose to the pregnant ones.
		Management	Napier/ Guinea grass may be planted as fodder crop.
Sheep/Goat	All animals	Deworming	Give Albendazole @ 25ml/100kg body weight.
		Management	- Fly repellent must be used. - Disinfection of farm and premises are to be carried out strictly. - Due care need to be taken to prevent spread of disease caused by flies/ mosquitoes/ ticks, etc.

**MANIPUR AGROMET ADVISORY BULLETIN**Date of issue: 2nd April, 2019

District: Bishnupur

Past weather for the of Imphal West (29th March to 1st Arpil, 19) 1.0 mm rainfall was observed during the past four days. The skies remained clear to partly cloudy but mainly cloudy on 31 st March. Maximum temperature ranged from 26.1 – 31.0 °C and minimum of 10.4 – 15.0 °C. Mean relative humidity of 82.5 % max & 42.3 % min was recorded in the past four days & average wind speed was 3.7 – 6.1 km/ hr.			Weather forecast for Bishnupur (3rd to 7th April, 2019) Likely to have rain during next five days. The sky will remain partly cloudy to mainly cloudy with max. temp. 29-31 °C & mini. temp. 15-16 °C. Relative humidity may reach upto 94 % (max) and 41 % (min). The average wind speed may be 3-5 km/hr.		
Field Crops					
Name of the crop		Stage	Pest and disease	Agro-meteorological advisories	
Pre-kharif rice		Tillering		- Maintain the water level of 5-8 cm. Drain out excess water if accumulated due to rains. Apply 33kg Urea and 16 kg MOP per hectare after rains at 30-35 days after transplanting.	
Rabi Maize		Flowering		- Weeding and earthing up may be done after rains. Avoid water logging in the crop field.	
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	
Cucurbits		Vegetative	Red Pumpkin Beetle	- Use Methyl Euginol as trap @ 4-10 traps/ sangam. <i>Steps to prepare trap:</i> - Cut the ½ litre empty mineral water bottle into two halves. - Mix 2-3 drops of Methyl Euginol in 200ml of water in the lower half, cover the solution with the upper half of the bottle in inverted position so that a funnel like structure is made and beetles are lured.	
Chilli/ capsicum		Nursery		- In chillies and capsicum, spray Carbendazim + Mancozeb (Sixer) @ 2 g per litre of water after rains to control the fungal attack. - Transplant nursery in raised beds. Avoid water logging in the crop field.	
Onion		Harvesting		- Plants already more than 140 days old in varieties like Nasik and Preema, whose 70 % leaves is dry may be harvested. - Cut the leaves at the neck portion. Spread the onion in an airy shed for about a week.	
Tomato		Flowering and fruiting	Mite	- To prevent small sucking insects in the lower surface of leaves, use Neem oil @2-3 ml / lit of water after rains.	
Animal Sciences					
Name of bird/ animal		Stage	Disease/ Management	Agro-meteorological advisories	
Poultry (Chicken/ Duck)		All susceptible age groups (as and when required)	Ranikhet disease	Birds must be vaccinated as per recommended schedule mentioned below as the probability of occurrence of Ranikhet disease is high during March- April. 1. F-1 Strain may be first administered within 7 days of age and second dose may be given at 30days for all birds. 2. R ₂ B vaccine of 8-9 weeks of age group birds (layers). 3. Killed ND virus vaccine of 16-18 weeks of age group birds (layers). After that at every two months interval. Give 1g Amprolium powder in 1 litre of drinking water for 5-7 days.	
			Coccidiosis		
Pig		Above 3 months of age (as and when required)	Swine Fever	- Vaccinate against swine fever after the age of 3 months. Ofloxacin/ Ornidazole (O ₂) tab twice daily for 5 days.	
			Coccidial infection		
Cattle		Above 3 months of age (as and when required)	B.Q./ H.S./ F.M.D.	Vaccinate against B.Q./ H.S./ F.M.D. Give Albendazole @30 ml per 100kg body weight. Give mineral mixture@ 60g/day in divided dose to the pregnant ones. Napier/ Guinea grass may be planted as fodder crop.	
			Deworming		
			Milk fever		
			Management		
Sheep/Goat		All animals	Deworming	Give Albendazole @ 25ml/100kg body weight.	
			Management	- Fly repellent must be used. - Disinfection of farm and premises are to be carried out strictly. - Due care need to be taken to prevent spread of disease caused by flies/ mosquitoes/ ticks, etc.	

**MANIPUR AGROMET ADVISORY BULLETIN**Date of issue: 2nd April, 2019

District: Chandel

Past weather for the of Imphal West (29th March to 1st April, 19) 1.0 mm rainfall was observed during the past four days. The skies remained clear to partly cloudy but mainly cloudy on 31 st March. Maximum temperature ranged from 26.1 – 31.0 °C and minimum of 10.4 – 15.0 °C. Mean relative humidity of 82.5 % max & 42.3 % min was recorded in the past four days & average wind speed was 3.7 – 6.1 km/ hr.	Weather forecast for Chandel (3rd to 7th April, 2019) Likely to have rain during next five days. The sky will remain partly cloudy to mainly cloudy with max. temp. 28-30 °C & mini. temp. 13-15 °C. Relative humidity may reach upto 92 % (max) and 36 % (min). The average wind speed may be 4-6 km/hr.
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Field Crops			
Name of the crop	Stage	Pest and disease	Agro-meteorological advisories
Pre-kharif rice	Tillering		- Maintain the water level of 5-8 cm. Drain out excess water if accumulated due to rains. Apply 33kg Urea and 16 kg MOP per hectare after rains at 30-35 days after transplanting.
Rabi Maize	Flowering		- Weeding and earthing up may be done after rains. Avoid water logging in the crop field.
Seeds storage	Post-harvest Management		- For seed purpose store the seeds in RC-Seed Bin after proper drying and cleaning of seeds along with dry charcoal at 80:20 w/w ratios. Check for moisture content or weight of charcoal and dry if required. - Avoid fungal growth and pest rodent in store.
Horticulture Crops			
Name of the crop	Stage	Pest and disease	Agro-meteorological advisories
Cucurbits	Vegetative	Red Pumpkin Beetle	- Use Methyl Eugenol as trap @ 4-10 traps/ sangam. <i>Steps to prepare trap:</i> - Cut the ½ litre empty mineral water bottle into two halves. - Mix 2-3 drops of Methyl Eugenol in 200ml of water in the lower half, cover the solution with the upper half of the bottle in inverted position so that a funnel like structure is made and beetles are lured.
Chilli/ capsicum	Nursery		- In chillies and capsicum, spray Carbendazim + Mancozeb (Sixer) @ 2 g per litre of water after rains to control the fungal attack. - Transplant nursery in raised beds. Avoid water logging in the crop field.
Onion	Harvesting		- Plants already more than 140 days old in varieties like Nasik and Preema, whose 70 % leaves is dry may be harvested. - Cut the leaves at the neck portion. Spread the onion in an airy shed for about a week.
Tomato	Flowering and fruiting	Mite	- To prevent small sucking insects in the lower surface of leaves, use Neem oil @ 2-3 ml / lit of water after rains.
Animal Sciences			
Name of bird/ animal	Stage	Disease/ Management	Agro-meteorological advisories
Poultry (Chicken/ Duck)	All susceptible age groups (as and when required)	Ranikhet disease	Birds must be vaccinated as per recommended schedule mentioned below as the probability of occurrence of Ranikhet disease is high during March- April. 1. F-1 Strain may be first administered within 7 days of age and second dose may be given at 30days for all birds. 2. R ₂ B vaccine of 8-9 weeks of age group birds (layers). 3. Killed ND virus vaccine of 16-18 weeks of age group birds (layers). After that at every two months interval.
		Coccidiosis	Give 1g Amprolium powder in 1 litre of drinking water for 5-7 days.
Pig	Above 3 months of age (as and when required)	Swine Fever	- Vaccinate against swine fever after the age of 3 months.
		Coccidial infection	Ofloxacin/ Ornidazole (O ₂) tab twice daily for 5 days.
Cattle	Above 3 months of age (as and when required)	B.Q./ H.S./ F.M.D.	Vaccinate against B.Q./ H.S./ F.M.D.
		Deworming	Give Albendazole @ 30 ml per 100kg body weight.
		Milk fever	Give mineral mixture @ 60g/day in divided dose to the pregnant ones.
		Management	Napier/ Guinea grass may be planted as fodder crop.
Sheep/Goat	All animals	Deworming	Give Albendazole @ 25ml/100kg body weight.
		Management	- Fly repellent must be used. - Disinfection of farm and premises are to be carried out strictly. - Due care need to be taken to prevent spread of disease caused by flies/ mosquitoes/ ticks, etc.