

**MANIPUR AGROMET ADVISORY BULLETIN**Date of issue: 22nd March, 2019

District: Imphal West

Block: Haorangsabal

Past weather at AMFU- Lamphelpat (19th to 21st March, 19)

12.1 mm rainfall was observed during the past three days. The skies remained partly cloudy. Maximum temperature ranged from 26.0 – 27.7 °C and minimum of 10.7 – 13.4 °C. Mean relative humidity of 86 % max & 47.3 % min was recorded in the past three days & average wind speed was 5.3 – 6.7 km/ hr.

Weather forecast for Haorangsabal block (23rd to 27th March, 2019)

Likely to have rain/ thundershowers accompanied with lightening and gusty wind on Saturday. The sky will remain mainly clear to partly cloudy with max. temp. 31.6-34 °C & mini. temp. 15.5-17.9 °C. Relative humidity may reach upto 93 % (max) and 27 % (min). The average wind speed may be 6-10 km/hr.

Field Crops

Name of the crop	Stage	Pest and disease	Agro-meteorological advisories
Pre-kharif rice	Tillering		- The ridges around the crop field must be well constructed to maintain the required water level of 5-8 cm. - Hand weeding may be done at 20-30 days after transplanting.
Rabi Maize	Flowering		- Weeding may be done.
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		- Weeding may be done. Light watering may be done if the soil is dry.
French Bean	Sowing to vegetative		- Spacings: 30x45 cm from seed to seed & row to row for dwarf variety like Anupama and for pole type Local variety (Tangkhu hawai) at 60x60 cm with 2-3 seeds per hill.
Chilli/ capsicum	Nursery		- In chillies and capsicum, spray Carbendazim + Mancozeb (Sixer) @ 2 g per litre of water to control the fungal attack. - Transplant nursery in raised beds. - Give light watering to keep soil moist during vegetative phase.
Bhindi			- Sowing of bhindi/ ladies finger may be done at the spacing of 30cm x 45cm. Apply 25kg urea, 33kg DAP and 25kg MOP per sangam at final stage of land preparation before sowing.
Onion/ Garlic	Bulb formation	Leaf minor/ Thrips	- Spray Dichlorovos 36 EC @ 0.5ml/lit of water or Monocrotophos 76EC @ 1ml/lit of water to protect the crop from infestation of leaf minor. Spray is to be given twice or thrice at an interval of 7 to 10 days.
		Purple Bloch	- Apply 1kg Trichoderma viride/ sangam when there is moisture in soil and avoid excess application of Nitrogen in case of onion and garlic to avoid Purple Bloch.
Khasi Mandarin	For grown up		For grown up Khasi Mandarin, apply 500g Urea, 1kg SSP & 400g MOP per plant along with cowdung manure compost in the soil surrounding the plant after rains.
Kachai Lemon	For grown up		For grown up Kachai Lemon apply 350g Urea, 400g SSP & 300g MOP per plant along with cowdung manure compost in the soil surrounding the plant 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)	Vaccination	Birds must be vaccinated as per recommended schedule mentioned below as the probability of occurrence of the disease is high during March- April months. 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.
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		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.

(I. Meghachandra Singh)
Nodal Officer, GKMS

**MANIPUR AGROMET ADVISORY BULLETIN**Date of issue: 22nd March, 2019

District: Imphal West

Block: Hiyangthang

Past weather at AMFU- Lamphelpat (19th to 21st March, 19)

12.1 mm rainfall was observed during the past three days. The skies remained partly cloudy. Maximum temperature ranged from 26.0 – 27.7 °C and minimum of 10.7 – 13.4 °C. Mean relative humidity of 86 % max & 47.3 % min was recorded in the past three days & average wind speed was 5.3 – 6.7 km/ hr.

Weather forecast for Hiyangthang block (23rd to 27th March, 2019)

Likely to have rain/ thundershowers accompanied with lightening and gusty wind on Saturday. The sky will remain mainly clear to partly cloudy with max. temp. 31.8-34.1 °C & mini. temp. 15.4-17.8 °C. Relative humidity may reach upto 93 % (max) and 28 % (min). The average wind speed may be 6-9 km/hr.

Field Crops

Name of the crop	Stage	Pest and disease	Agro-meteorological advisories
Pre-kharif rice	Tillering		- The ridges around the crop field must be well constructed to maintain the required water level of 5-8 cm. - Hand weeding may be done at 20-30 days after transplanting.
Rabi Maize	Flowering		- Weeding may be done.
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		- Weeding may be done. Light watering may be done if the soil is dry.
French Bean	Sowing to vegetative		- Spacings: 30x45 cm from seed to seed & row to row for dwarf variety like Anupama and for pole type Local variety (Tangkhu hawai) at 60x60 cm with 2-3 seeds per hill.
Chilli/ capsicum	Nursery		- In chillies and capsicum, spray Carbendazim + Mancozeb (Sixer) @ 2 g per litre of water to control the fungal attack. - Transplant nursery in raised beds. - Give light watering to keep soil moist during vegetative phase.
Bhindi			- Sowing of bhindi/ ladies finger may be done at the spacing of 30cm x 45cm. Apply 25kg urea, 33kg DAP and 25kg MOP per sangam at final stage of land preparation before sowing.
Onion/ Garlic	Bulb formation	Leaf minor/ Thrips	- Spray Dichlorovos 36 EC @ 0.5ml/lit of water or Monocrotophos 76EC @ 1ml/lit of water to protect the crop from infestation of leaf minor. Spray is to be given twice or thrice at an interval of 7 to 10 days.
		Purple Bloch	- Apply 1kg Trichoderma viride/ sangam when there is moisture in soil and avoid excess application of Nitrogen in case of onion and garlic to avoid Purple Bloch.
Khasi Mandarin	For grown up		For grown up Khasi Mandarin, apply 500g Urea, 1kg SSP & 400g MOP per plant along with cowdung manure compost in the soil surrounding the plant after rains.
Kachai Lemon	For grown up		For grown up Kachai Lemon apply 350g Urea, 400g SSP & 300g MOP per plant along with cowdung manure compost in the soil surrounding the plant after rains.

Animal Sciences

Disease Diseases				
Name of bird/ animal	Stage	Disease/ Management	Agro-meteorological advisories	
Poultry (Chicken/ Duck)	All susceptible age groups (as and when required)	Vaccination	Birds must be vaccinated as per recommended schedule mentioned below as the probability of occurrence of the disease is high during March- April months. 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.	
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		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.	

(I. Meghachandra Singh)
Nodal Officer, GKMS

**MANIPUR AGROMET ADVISORY BULLETIN**Date of issue: 22nd March, 2019*District: Bishnupur*

Past weather for the of Imphal West (19th to 21st March, 19) 12.1 mm rainfall was observed during the past three days. The skies remained partly cloudy. Maximum temperature ranged from 26.0 – 27.7 °C and minimum of 10.7 – 13.4 °C. Mean relative humidity of 86 % max & 47.3 % min was recorded in the past three days & average wind speed was 5.3 – 6.7 km/ hr.	Weather forecast for Bishnupur (23rd to 27th March, 2019) Likely to have rain/ thundershowers accompanied with lightening and gusty wind on Saturday and Wednesday. The sky will remain mainly clear but mainly cloudy on 23 & 27 Mar. with max. temp. 27-29 °C & mini. temp. 11-13 °C. Relative humidity may reach upto 85 % (max) and 31 % (min). The average wind speed may be 5-8 km/hr.
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Field Crops			
Name of the crop	Stage	Pest and disease	Agro-meteorological advisories
Pre-kharif rice	Tillering		<ul style="list-style-type: none"> - The ridges around the crop field must be well constructed to maintain the required water level of 5-8 cm. - Hand weeding may be done at 20-30 days after transplanting.
Rabi Maize	Flowering		<ul style="list-style-type: none"> - Weeding may be done.
Seeds storage	Post-harvest Management		<ul style="list-style-type: none"> - 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		<ul style="list-style-type: none"> - Weeding may be done. Light watering may be done if the soil is dry.
French Bean	Sowing to vegetative		<ul style="list-style-type: none"> - Spacings: 30x45 cm from seed to seed & row to row for dwarf variety like Anupama and for pole type Local variety (Tangkhu hawai) at 60x60 cm with 2-3 seeds per hill.
Chilli/ capsicum	Nursery		<ul style="list-style-type: none"> - In chillies and capsicum, spray Carbendazim + Mancozeb (Sixer) @ 2 g per litre of water to control the fungal attack. - Transplant nursery in raised beds. - Give light watering to keep soil moist during vegetative phase.
Bhindi			<ul style="list-style-type: none"> - Sowing of bhindi/ ladies finger may be done at the spacing of 30cm x 45cm. Apply 25kg urea, 33kg DAP and 25kg MOP per sangam at final stage of land preparation before sowing.
Onion/ Garlic	Bulb formation	Leaf minor/ Thrips	<ul style="list-style-type: none"> - Spray Dichlorovos 36 EC @ 0.5ml/lit of water or Monocrotophos 76EC @ 1ml/lit of water to protect the crop from infestation of leaf minor. Spray is to be given twice or thrice at an interval of 7 to 10 days.
		Purple Bloch	<ul style="list-style-type: none"> - Apply 1kg Trichoderma viride/ sangam when there is moisture in soil and avoid excess application of Nitrogen in case of onion and garlic to avoid Purple Bloch.
Khasi Mandarin	For grown up		<ul style="list-style-type: none"> - For grown up Khasi Mandarin, apply 500g Urea, 1kg SSP & 400g MOP per plant along with cowdung manure compost in the soil surrounding the plant after rains.
Kachai Lemon	For grown up		<ul style="list-style-type: none"> - For grown up Kachai Lemon apply 350g Urea, 400g SSP & 300g MOP per plant along with cowdung manure compost in the soil surrounding the plant 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)	Vaccination	<ul style="list-style-type: none"> Birds must be vaccinated as per recommended schedule mentioned below as the probability of occurrence of the disease is high during March- April months. 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. R₂B 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.
Pig	Above 3 months of age (as and when required)	Swine Fever	<ul style="list-style-type: none"> - Vaccinate against swine fever after the age of 3 months.
		Coccidial infection	<ul style="list-style-type: none"> - Ofloxacin/ Ornidazole (O₂) tab twice daily for 5 days.
		B.Q./ H.S./ F.M.D.	<ul style="list-style-type: none"> - Vaccinate against B.Q./ H.S./ F.M.D.
Cattle		Deworming	<ul style="list-style-type: none"> - Give Albendazole @30 ml per 100kg body weight.

(I. Meghachandra Singh)
Nodal Officer, GKMS

**MANIPUR AGROMET ADVISORY BULLETIN**Date of issue: 22nd March, 2019

District: Chandel

Past weather for the of Imphal West (19th to 21st March, 19) 12.1 mm rainfall was observed during the past three days. The skies remained partly cloudy. Maximum temperature ranged from 26.0 – 27.7 °C and minimum of 10.7 – 13.4 °C. Mean relative humidity of 86 % max & 47.3 % min was recorded in the past three days & average wind speed was 5.3 – 6.7 km/ hr.			Weather forecast for Chandel (23rd to 27th March, 2019) Likely to have rain/ thundershowers accompanied with lightening and gusty wind on Saturday and Wednesday. The sky will remain mainly clear but mainly cloudy on 23 & 27 Mar. with max. temp. 27-29 °C & mini. temp. 11-13 °C. Relative humidity may reach upto 72 % (max) and 27 % (min). The average wind speed may be 6-10 km/hr.		
Field Crops					
Name of the crop		Stage	Pest and disease	Agro-meteorological advisories	
Pre-kharif rice		Tillering		- The ridges around the crop field must be well constructed to maintain the required water level of 5-8 cm. - Hand weeding may be done at 20-30 days after transplanting.	
Rabi Maize		Flowering		- Weeding may be done.	
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		- Weeding may be done. Light watering may be done if the soil is dry.	
French Bean		Sowing to vegetative		- Spacings: 30x45 cm from seed to seed & row to row for dwarf variety like Anupama and for pole type Local variety (Tangkhu hawai) at 60x60 cm with 2-3 seeds per hill.	
Chilli/ capsicum		Nursery		- In chillies and capsicum, spray Carbendazim + Mancozeb (Sixer) @ 2 g per litre of water to control the fungal attack. - Transplant nursery in raised beds. - Give light watering to keep soil moist during vegetative phase.	
Bhindi				- Sowing of bhindi/ ladies finger may be done at the spacing of 30cm x 45cm. Apply 25kg urea, 33kg DAP and 25kg MOP per sangam at final stage of land preparation before sowing.	
Onion/ Garlic		Bulb formation	Leaf minor/ Thrips	- Spray Dichlorovos 36 EC @ 0.5ml/lit of water or Monocrotophos 76EC @ 1ml/lit of water to protect the crop from infestation of leaf minor. Spray is to be given twice or thrice at an interval of 7 to 10 days.	
			Purple Bloch	- Apply 1kg Trichoderma viride/ sangam when there is moisture in soil and avoid excess application of Nitrogen in case of onion and garlic to avoid Purple Bloch.	
Khasi Mandarin		For grown up		For grown up Khasi Mandarin, apply 500g Urea, 1kg SSP & 400g MOP per plant along with cowdung manure compost in the soil surrounding the plant after rains.	
Kachai Lemon		For grown up		For grown up Kachai Lemon apply 350g Urea, 400g SSP & 300g MOP per plant along with cowdung manure compost in the soil surrounding the plant 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)	Vaccination	Birds must be vaccinated as per recommended schedule mentioned below as the probability of occurrence of the disease is high during March- April months. 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.	
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.	
			B.Q./ H.S./ F.M.D.	- Vaccinate against B.Q./ H.S./ F.M.D.	
Cattle			Deworming	Give Albendazole @30 ml per 100kg body weight.	

(I. Meghachandra Singh)
Nodal Officer, GKMS

**MANIPUR AGROMET ADVISORY BULLETIN**Date of issue: 22nd March, 2019*District: Churachandpur*

Past weather for the of Imphal West (19th to 21st March, 19) 12.1 mm rainfall was observed during the past three days. The skies remained partly cloudy. Maximum temperature ranged from 26.0 – 27.7 °C and minimum of 10.7 – 13.4 °C. Mean relative humidity of 86 % max & 47.3 % min was recorded in the past three days & average wind speed was 5.3 – 6.7 km/ hr.	Weather forecast for Churachandpur (23rd to 27th March, 2019) Likely to have rain/ thundershowers accompanied with lightening and gusty wind on Saturday and Wednesday. The sky will remain mainly clear but mainly cloudy on 23 & 27 Mar. with max. temp. 27-29 °C & mini. temp. 11-13 °C. Relative humidity may reach upto 88 % (max) and 31 % (min). The average wind speed may be 5-7 km/hr.
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Field Crops			
Name of the crop	Stage	Pest and disease	Agro-meteorological advisories
Pre-kharif rice	Tillering		<ul style="list-style-type: none"> - The ridges around the crop field must be well constructed to maintain the required water level of 5-8 cm. - Hand weeding may be done at 20-30 days after transplanting.
Rabi Maize	Flowering		<ul style="list-style-type: none"> - Weeding may be done.
Seeds storage	Post-harvest Management		<ul style="list-style-type: none"> - 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		<ul style="list-style-type: none"> - Weeding may be done. Light watering may be done if the soil is dry.
French Bean	Sowing to vegetative		<ul style="list-style-type: none"> - Spacings: 30x45 cm from seed to seed & row to row for dwarf variety like Anupama and for pole type Local variety (Tangkul hawaii) at 60x60 cm with 2-3 seeds per hill.
Chilli/ capsicum	Nursery		<ul style="list-style-type: none"> - In chillies and capsicum, spray Carbendazim + Mancozeb (Sixer) @ 2 g per litre of water to control the fungal attack. - Transplant nursery in raised beds. - Give light watering to keep soil moist during vegetative phase.
Bhindi			<ul style="list-style-type: none"> - Sowing of bhindi/ ladies finger may be done at the spacing of 30cm x 45cm. Apply 25kg urea, 33kg DAP and 25kg MOP per sangam at final stage of land preparation before sowing.
Onion/ Garlic	Bulb formation	Leaf minor/ Thrips	<ul style="list-style-type: none"> - Spray Dichlorovos 36 EC @ 0.5ml/lit of water or Monocrotophos 76EC @ 1ml/lit of water to protect the crop from infestation of leaf minor. Spray is to be given twice or thrice at an interval of 7 to 10 days.
		Purple Bloch	<ul style="list-style-type: none"> - Apply 1kg Trichoderma viride/ sangam when there is moisture in soil and avoid excess application of Nitrogen in case of onion and garlic to avoid Purple Bloch.
Khasi Mandarin	For grown up		<ul style="list-style-type: none"> - For grown up Khasi Mandarin, apply 500g Urea, 1kg SSP & 400g MOP per plant along with cowdung manure compost in the soil surrounding the plant after rains.
Kachai Lemon	For grown up		<ul style="list-style-type: none"> - For grown up Kachai Lemon apply 350g Urea, 400g SSP & 300g MOP per plant along with cowdung manure compost in the soil surrounding the plant 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)	Vaccination	<ul style="list-style-type: none"> Birds must be vaccinated as per recommended schedule mentioned below as the probability of occurrence of the disease is high during March- April months. 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. R₂B 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.
Pig	Above 3 months of age (as and when required)	Swine Fever	<ul style="list-style-type: none"> - Vaccinate against swine fever after the age of 3 months.
		Coccidial infection	<ul style="list-style-type: none"> - Ofloxacin/ Ornidazole (O₂) tab twice daily for 5 days.
		B.Q./ H.S./ F.M.D.	<ul style="list-style-type: none"> - Vaccinate against B.Q./ H.S./ F.M.D.
Cattle		Deworming	<ul style="list-style-type: none"> - Give Albendazole @30 ml per 100kg body weight.

(I. Meghachandra Singh)
Nodal Officer, GKMS

**MANIPUR AGROMET ADVISORY BULLETIN**Date of issue: 22nd March, 2019

District: Imphal East

Past weather for the of Imphal West (19th to 21st March, 19) 12.1 mm rainfall was observed during the past three days. The skies remained partly cloudy. Maximum temperature ranged from 26.0 – 27.7 °C and minimum of 10.7 – 13.4 °C. Mean relative humidity of 86 % max & 47.3 % min was recorded in the past three days & average wind speed was 5.3 – 6.7 km/ hr.			Weather forecast for Imphal East (23rd to 27th March, 2019) Likely to have rain/ thundershowers accompanied with lightening and gusty wind on Saturday and Wednesday. The sky will remain mainly clear but mainly cloudy on 23 & 27 Mar. with max. temp. 27-29 °C & mini. temp. 11-13 °C. Relative humidity may reach upto 86 % (max) and 27 % (min). The average wind speed may be 7-10 km/hr.		
Field Crops					
Name of the crop		Stage	Pest and disease	Agro-meteorological advisories	
Pre-kharif rice		Tillering		- The ridges around the crop field must be well constructed to maintain the required water level of 5-8 cm. - Hand weeding may be done at 20-30 days after transplanting.	
Rabi Maize		Flowering		- Weeding may be done.	
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		- Weeding may be done. Light watering may be done if the soil is dry.	
French Bean		Sowing to vegetative		- Spacings: 30x45 cm from seed to seed & row to row for dwarf variety like Anupama and for pole type Local variety (Tangkul hawai) at 60x60 cm with 2-3 seeds per hill.	
Chilli/ capsicum		Nursery		- In chillies and capsicum, spray Carbendazim + Mancozeb (Sixer) @ 2 g per litre of water to control the fungal attack. - Transplant nursery in raised beds. - Give light watering to keep soil moist during vegetative phase.	
Bhindi				- Sowing of bhindi/ ladies finger may be done at the spacing of 30cm x 45cm. Apply 25kg urea, 33kg DAP and 25kg MOP per sangam at final stage of land preparation before sowing.	
Onion/ Garlic		Bulb formation	Leaf minor/ Thrips	- Spray Dichlorovos 36 EC @ 0.5ml/lit of water or Monocrotophos 76EC @ 1ml/lit of water to protect the crop from infestation of leaf minor. Spray is to be given twice or thrice at an interval of 7 to 10 days.	
			Purple Bloch	- Apply 1kg Trichoderma viride/ sangam when there is moisture in soil and avoid excess application of Nitrogen in case of onion and garlic to avoid Purple Bloch.	
Khasi Mandarin		For grown up		For grown up Khasi Mandarin, apply 500g Urea, 1kg SSP & 400g MOP per plant along with cowdung manure compost in the soil surrounding the plant after rains.	
Kachai Lemon		For grown up		For grown up Kachai Lemon apply 350g Urea, 400g SSP & 300g MOP per plant along with cowdung manure compost in the soil surrounding the plant 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)	Vaccination	Birds must be vaccinated as per recommended schedule mentioned below as the probability of occurrence of the disease is high during March- April months. 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.	
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.	
			B.Q./ H.S./ F.M.D.	- Vaccinate against B.Q./ H.S./ F.M.D.	
Cattle			Deworming	Give Albendazole @30 ml per 100kg body weight.	

(I. Meghachandra Singh)
Nodal Officer, GKMS

**MANIPUR AGROMET ADVISORY BULLETIN**Date of issue: 22nd March, 2019*District: Imphal West*

Past weather for the of Imphal West (19th to 21st March, 19) 12.1 mm rainfall was observed during the past three days. The skies remained partly cloudy. Maximum temperature ranged from 26.0 – 27.7 °C and minimum of 10.7 – 13.4 °C. Mean relative humidity of 86 % max & 47.3 % min was recorded in the past three days & average wind speed was 5.3 – 6.7 km/ hr.	Weather forecast for Imphal West (23rd to 27th March, 2019) Likely to have rain/ thundershowers accompanied with lightening and gusty wind on Saturday and Wednesday. The sky will remain mainly clear but mainly cloudy on 23 & 27 Mar. with max. temp. 27-29 °C & mini. temp. 11-13 °C. Relative humidity may reach upto 93 % (max) and 31 % (min). The average wind speed may be 5-6 km/hr.
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Field Crops			
Name of the crop	Stage	Pest and disease	Agro-meteorological advisories
Pre-kharif rice	Tillering		<ul style="list-style-type: none"> - The ridges around the crop field must be well constructed to maintain the required water level of 5-8 cm. - Hand weeding may be done at 20-30 days after transplanting.
Rabi Maize	Flowering		<ul style="list-style-type: none"> - Weeding may be done.
Seeds storage	Post-harvest Management		<ul style="list-style-type: none"> - 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		<ul style="list-style-type: none"> - Weeding may be done. Light watering may be done if the soil is dry.
French Bean	Sowing to vegetative		<ul style="list-style-type: none"> - Spacings: 30x45 cm from seed to seed & row to row for dwarf variety like Anupama and for pole type Local variety (Tangkul hawaii) at 60x60 cm with 2-3 seeds per hill.
Chilli/ capsicum	Nursery		<ul style="list-style-type: none"> - In chillies and capsicum, spray Carbendazim + Mancozeb (Sixer) @ 2 g per litre of water to control the fungal attack. - Transplant nursery in raised beds. - Give light watering to keep soil moist during vegetative phase.
Bhindi			<ul style="list-style-type: none"> - Sowing of bhindi/ ladies finger may be done at the spacing of 30cm x 45cm. Apply 25kg urea, 33kg DAP and 25kg MOP per sangam at final stage of land preparation before sowing.
Onion/ Garlic	Bulb formation	Leaf minor/ Thrips	<ul style="list-style-type: none"> - Spray Dichlorovos 36 EC @ 0.5ml/lit of water or Monocrotophos 76EC @ 1ml/lit of water to protect the crop from infestation of leaf minor. Spray is to be given twice or thrice at an interval of 7 to 10 days.
		Purple Bloch	<ul style="list-style-type: none"> - Apply 1kg Trichoderma viride/ sangam when there is moisture in soil and avoid excess application of Nitrogen in case of onion and garlic to avoid Purple Bloch.
Khasi Mandarin	For grown up		<ul style="list-style-type: none"> - For grown up Khasi Mandarin, apply 500g Urea, 1kg SSP & 400g MOP per plant along with cowdung manure compost in the soil surrounding the plant after rains.
Kachai Lemon	For grown up		<ul style="list-style-type: none"> - For grown up Kachai Lemon apply 350g Urea, 400g SSP & 300g MOP per plant along with cowdung manure compost in the soil surrounding the plant 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)	Vaccination	<ul style="list-style-type: none"> Birds must be vaccinated as per recommended schedule mentioned below as the probability of occurrence of the disease is high during March- April months. 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. R₂B 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.
Pig	Above 3 months of age (as and when required)	Swine Fever	<ul style="list-style-type: none"> - Vaccinate against swine fever after the age of 3 months.
		Coccidial infection	<ul style="list-style-type: none"> - Ofloxacin/ Ornidazole (O₂) tab twice daily for 5 days.
		B.Q./ H.S./ F.M.D.	<ul style="list-style-type: none"> - Vaccinate against B.Q./ H.S./ F.M.D.
Cattle		Deworming	<ul style="list-style-type: none"> - Give Albendazole @30 ml per 100kg body weight.

(I. Meghachandra Singh)
Nodal Officer, GKMS

**MANIPUR AGROMET ADVISORY BULLETIN**Date of issue: 22nd March, 2019

District: Senapati

Past weather for the of Imphal West (19th to 21st March, 19) 12.1 mm rainfall was observed during the past three days. The skies remained partly cloudy. Maximum temperature ranged from 26.0 – 27.7 °C and minimum of 10.7 – 13.4 °C. Mean relative humidity of 86 % max & 47.3 % min was recorded in the past three days & average wind speed was 5.3 – 6.7 km/ hr.	Weather forecast for Senapati (23rd to 27th March, 2019) Likely to have rain/ thundershowers accompanied with lightening and gusty wind on Saturday and Wednesday. The sky will remain mainly clear but mainly cloudy on 23 & 27 Mar. with max. temp. 25-27 °C & mini. temp. 9-11 °C. Relative humidity may reach upto 91 % (max) and 30 % (min). The average wind speed may be 5-8 km/hr.
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Field Crops			
Name of the crop	Stage	Pest and disease	Agro-meteorological advisories
Pre-kharif rice	Tillering		<ul style="list-style-type: none"> - The ridges around the crop field must be well constructed to maintain the required water level of 5-8 cm. - Hand weeding may be done at 20-30 days after transplanting.
Rabi Maize	Flowering		<ul style="list-style-type: none"> - Weeding may be done.
Potato	Planting		<ul style="list-style-type: none"> - Land preparation for planting in mid and high hills may be started.
Seeds storage	Post-harvest Management		<ul style="list-style-type: none"> - 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		<ul style="list-style-type: none"> - Weeding may be done. Light watering may be done if the soil is dry.
French Bean	Sowing to vegetative		<ul style="list-style-type: none"> - Spacings: 30x45 cm from seed to seed & row to row for dwarf variety like Anupama and for pole type Local variety (Tangkhul hawai) at 60x60 cm with 2-3 seeds per hill.
Chilli/ capsicum	Nursery		<ul style="list-style-type: none"> - In chillies and capsicum, spray Carbendazim + Mancozeb (Sixer) @ 2 g per litre of water to control the fungal attack. - Transplant nursery in raised beds. - Give light watering to keep soil moist during vegetative phase.
Khasi Mandarin	For grown up		For grown up Khasi Mandarin, apply 500g Urea, 1kg SSP & 400g MOP per plant along with cowdung manure compost in the soil surrounding the plant after rains.
Kachai Lemon	For grown up		For grown up Kachai Lemon apply 350g Urea, 400g SSP & 300g MOP per plant along with cowdung manure compost in the soil surrounding the plant 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)	Vaccination	<p>Birds must be vaccinated as per recommended schedule mentioned below as the probability of occurrence of the disease is high during March- April months.</p> <ol style="list-style-type: none"> 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. R₂B vaccine of 8-9 weeks of age group birds (layers). 3. Killed ND virus vaccine of 16-18 weeks of age group birds (layers). <p>After that at every two months interval.</p>
Pig	Above 3 months of age (as and when required)	Swine Fever	<ul style="list-style-type: none"> - Vaccinate against swine fever after the age of 3 months.
Cattle		Coccidial infection	Ofloxacin/ Ornidazole (O ₂) tab twice daily for 5 days.
		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.

(I. Meghachandra Singh)
Nodal Officer, GKMS

**MANIPUR AGROMET ADVISORY BULLETIN**Date of issue: 22nd March, 2019

District: Tamenglong

Past weather for the of Imphal West (19th to 21st March, 19) 12.1 mm rainfall was observed during the past three days. The skies remained partly cloudy. Maximum temperature ranged from 26.0 – 27.7 °C and minimum of 10.7 – 13.4 °C. Mean relative humidity of 86 % max & 47.3 % min was recorded in the past three days & average wind speed was 5.3 – 6.7 km/ hr.			Weather forecast for Tamenglong (23rd to 27th March, 2019) Likely to have rain/ thundershowers accompanied with lightening and gusty wind on Saturday and Wednesday. The sky will remain mainly clear but mainly cloudy on 23 & 27 Mar. with max. temp. 25-27 °C & mini. temp. 9-11 °C. Relative humidity may reach upto 92 % (max) and 30 % (min). The average wind speed may be 5-7 km/hr.		
Field Crops					
Name of the crop		Stage	Pest and disease	Agro-meteorological advisories	
Pre-kharif rice		Tillering		- The ridges around the crop field must be well constructed to maintain the required water level of 5-8 cm. - Hand weeding may be done at 20-30 days after transplanting.	
Rabi Maize		Flowering		- Weeding may be done.	
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		- Weeding may be done. Light watering may be done if the soil is dry.	
French Bean		Sowing to vegetative		- Spacings: 30x45 cm from seed to seed & row to row for dwarf variety like Anupama and for pole type Local variety (Tangkhu hawai) at 60x60 cm with 2-3 seeds per hill.	
Chilli/ capsicum		Nursery		- In chillies and capsicum, spray Carbendazim + Mancozeb (Sixer) @ 2 g per litre of water to control the fungal attack. - Transplant nursery in raised beds. - Give light watering to keep soil moist during vegetative phase.	
Bhindi				- Sowing of bhindi/ ladies finger may be done at the spacing of 30cm x 45cm. Apply 25kg urea, 33kg DAP and 25kg MOP per sangam at final stage of land preparation before sowing.	
Onion/ Garlic		Bulb formation	Leaf minor/ Thrips	- Spray Dichlorovos 36 EC @ 0.5ml/lit of water or Monocrotophos 76EC @ 1ml/lit of water to protect the crop from infestation of leaf minor. Spray is to be given twice or thrice at an interval of 7 to 10 days.	
			Purple Bloch	- Apply 1kg Trichoderma viride/ sangam when there is moisture in soil and avoid excess application of Nitrogen in case of onion and garlic to avoid Purple Bloch.	
Khasi Mandarin		For grown up		For grown up Khasi Mandarin, apply 500g Urea, 1kg SSP & 400g MOP per plant along with cowdung manure compost in the soil surrounding the plant after rains.	
Kachai Lemon		For grown up		For grown up Kachai Lemon apply 350g Urea, 400g SSP & 300g MOP per plant along with cowdung manure compost in the soil surrounding the plant 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)	Vaccination	Birds must be vaccinated as per recommended schedule mentioned below as the probability of occurrence of the disease is high during March- April months. 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.	
Pig		Above 3 months of age (as and when required)	Swine Fever	- Vaccinate against swine fever after the age of 3 months.	
Cattle			Coccidial infection	Ofloxacin/ Ornidazole (O ₂) tab twice daily for 5 days.	
			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.	

(I. Meghachandra Singh)
Nodal Officer, GKMS

**MANIPUR AGROMET ADVISORY BULLETIN**Date of issue: 22nd March, 2019*District: Thoubal*

Past weather for the of Imphal West (19th to 21st March, 19) 12.1 mm rainfall was observed during the past three days. The skies remained partly cloudy. Maximum temperature ranged from 26.0 – 27.7 °C and minimum of 10.7 – 13.4 °C. Mean relative humidity of 86 % max & 47.3 % min was recorded in the past three days & average wind speed was 5.3 – 6.7 km/ hr.	Weather forecast for Thoubal (23rd to 27th March, 2019) Likely to have rain/ thundershowers accompanied with lightening and gusty wind on Saturday and Wednesday. The sky will remain mainly clear but mainly cloudy on 23 & 27 Mar. with max. temp. 27-29 °C & mini. temp. 11-13 °C. Relative humidity may reach upto 85 % (max) and 31 % (min). The average wind speed may be 5-8 km/hr.
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Field Crops			
Name of the crop	Stage	Pest and disease	Agro-meteorological advisories
Pre-kharif rice	Tillering		<ul style="list-style-type: none"> - The ridges around the crop field must be well constructed to maintain the required water level of 5-8 cm. - Hand weeding may be done at 20-30 days after transplanting.
Rabi Maize	Flowering		<ul style="list-style-type: none"> - Weeding may be done.
Seeds storage	Post-harvest Management		<ul style="list-style-type: none"> - 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		<ul style="list-style-type: none"> - Weeding may be done. Light watering may be done if the soil is dry.
French Bean	Sowing to vegetative		<ul style="list-style-type: none"> - Spacings: 30x45 cm from seed to seed & row to row for dwarf variety like Anupama and for pole type Local variety (Tangkhu hawai) at 60x60 cm with 2-3 seeds per hill.
Chilli/ capsicum	Nursery		<ul style="list-style-type: none"> - In chillies and capsicum, spray Carbendazim + Mancozeb (Sixer) @ 2 g per litre of water to control the fungal attack. - Transplant nursery in raised beds. - Give light watering to keep soil moist during vegetative phase.
Bhindi			<ul style="list-style-type: none"> - Sowing of bhindi/ ladies finger may be done at the spacing of 30cm x 45cm. Apply 25kg urea, 33kg DAP and 25kg MOP per sangam at final stage of land preparation before sowing.
Onion/ Garlic	Bulb formation	Leaf minor/ Thrips	<ul style="list-style-type: none"> - Spray Dichlorovos 36 EC @ 0.5ml/lit of water or Monocrotophos 76EC @ 1ml/lit of water to protect the crop from infestation of leaf minor. Spray is to be given twice or thrice at an interval of 7 to 10 days.
		Purple Bloch	<ul style="list-style-type: none"> - Apply 1kg Trichoderma viride/ sangam when there is moisture in soil and avoid excess application of Nitrogen in case of onion and garlic to avoid Purple Bloch.
Khasi Mandarin	For grown up		<ul style="list-style-type: none"> - For grown up Khasi Mandarin, apply 500g Urea, 1kg SSP & 400g MOP per plant along with cowdung manure compost in the soil surrounding the plant after rains.
Kachai Lemon	For grown up		<ul style="list-style-type: none"> - For grown up Kachai Lemon apply 350g Urea, 400g SSP & 300g MOP per plant along with cowdung manure compost in the soil surrounding the plant 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)	Vaccination	<ul style="list-style-type: none"> Birds must be vaccinated as per recommended schedule mentioned below as the probability of occurrence of the disease is high during March- April months. 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. R₂B 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.
Pig	Above 3 months of age (as and when required)	Swine Fever	<ul style="list-style-type: none"> - Vaccinate against swine fever after the age of 3 months.
		Coccidial infection	<ul style="list-style-type: none"> - Ofloxacin/ Ornidazole (O₂) tab twice daily for 5 days.
		B.Q./ H.S./ F.M.D.	<ul style="list-style-type: none"> - Vaccinate against B.Q./ H.S./ F.M.D.
Cattle		Deworming	<ul style="list-style-type: none"> - Give Albendazole @30 ml per 100kg body weight.

(I. Meghachandra Singh)
Nodal Officer, GKMS

**MANIPUR AGROMET ADVISORY BULLETIN**Date of issue: 22nd March, 2019

District: Ukhrul

Past weather for the of Imphal West (19th to 21st March, 19) 12.1 mm rainfall was observed during the past three days. The skies remained partly cloudy. Maximum temperature ranged from 26.0 – 27.7 °C and minimum of 10.7 – 13.4 °C. Mean relative humidity of 86 % max & 47.3 % min was recorded in the past three days & average wind speed was 5.3 – 6.7 km/ hr.	Weather forecast for Ukhrul (23rd to 27th March, 2019) Likely to have rain/ thundershowers accompanied with lightening and gusty wind on Saturday and Wednesday. The sky will remain mainly clear but mainly cloudy on 23 & 27 Mar. with max. temp. 25-27 °C & mini. temp. 9-11 °C. Relative humidity may reach upto 82% (max) and 26% (min). The average wind speed may be 5-9 km/hr.
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Field Crops			
Name of the crop	Stage	Pest and disease	Agro-meteorological advisories
Pre-kharif rice	Tillering		<ul style="list-style-type: none"> - The ridges around the crop field must be well constructed to maintain the required water level of 5-8 cm. - Hand weeding may be done at 20-30 days after transplanting.
Rabi Maize	Flowering		<ul style="list-style-type: none"> - Weeding may be done.
Potato	Planting		<ul style="list-style-type: none"> - Land preparation for planting in mid and high hills may be started.
Seeds storage	Post-harvest Management		<ul style="list-style-type: none"> - 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		<ul style="list-style-type: none"> - Weeding may be done. Light watering may be done if the soil is dry.
French Bean	Sowing to vegetative		<ul style="list-style-type: none"> - Spacings: 30x45 cm from seed to seed & row to row for dwarf variety like Anupama and for pole type Local variety (Tangkhal hawai) at 60x60 cm with 2-3 seeds per hill.
Chilli/ capsicum	Nursery		<ul style="list-style-type: none"> - In chillies and capsicum, spray Carbendazim + Mancozeb (Sixer) @ 2 g per litre of water to control the fungal attack. - Transplant nursery in raised beds. - Give light watering to keep soil moist during vegetative phase.
Kachai Lemon	For grown up		For grown up Kachai Lemon apply 350g Urea, 400g SSP & 300g MOP per plant along with cowdung manure compost in the soil surrounding the plant 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)	Vaccination	Birds must be vaccinated as per recommended schedule mentioned below as the probability of occurrence of the disease is high during March- April months. <ol style="list-style-type: none"> 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. R₂B 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.
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		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.

(I. Meghachandra Singh)
Nodal Officer, GKMS

**MANIPUR AGROMET ADVISORY BULLETIN**Date of issue: 22nd March, 2019

District: Imphal West

Block: Patsoi

Past weather at AMFU- Lamphelpat (19th to 21st March, 19)

12.1 mm rainfall was observed during the past three days. The skies remained partly cloudy. Maximum temperature ranged from 26.0 – 27.7 °C and minimum of 10.7 – 13.4 °C. Mean relative humidity of 86 % max & 47.3 % min was recorded in the past three days & average wind speed was 5.3 – 6.7 km/ hr.

Weather forecast for Patsoi block (23rd to 27th March, 2019)

Likely to have rain/ thundershowers accompanied with lightening and gusty wind on Saturday. The sky will remain mainly clear to partly cloudy with max. temp. 31.7-34.1 °C & mini. temp. 15.4-17.9 °C. Relative humidity may reach upto 93 % (max) and 28 % (min). The average wind speed may be 6-10 km/hr.

Field Crops

Name of the crop	Stage	Pest and disease	Agro-meteorological advisories
Pre-kharif rice	Tillering		- The ridges around the crop field must be well constructed to maintain the required water level of 5-8 cm. - Hand weeding may be done at 20-30 days after transplanting.
Rabi Maize	Flowering		- Weeding may be done.
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		- Weeding may be done. Light watering may be done if the soil is dry.
French Bean	Sowing to vegetative		- Spacings: 30x45 cm from seed to seed & row to row for dwarf variety like Anupama and for pole type Local variety (Tangkhu hawai) at 60x60 cm with 2-3 seeds per hill.
Chilli/ capsicum	Nursery		- In chillies and capsicum, spray Carbendazim + Mancozeb (Sixer) @ 2 g per litre of water to control the fungal attack. - Transplant nursery in raised beds. - Give light watering to keep soil moist during vegetative phase.
Bhindi			- Sowing of bhindi/ ladies finger may be done at the spacing of 30cm x 45cm. Apply 25kg urea, 33kg DAP and 25kg MOP per sangam at final stage of land preparation before sowing.
Onion/ Garlic	Bulb formation	Leaf minor/ Thrips	- Spray Dichlorovos 36 EC @ 0.5ml/lit of water or Monocrotophos 76EC @ 1ml/lit of water to protect the crop from infestation of leaf minor. Spray is to be given twice or thrice at an interval of 7 to 10 days.
		Purple Bloch	- Apply 1kg Trichoderma viride/ sangam when there is moisture in soil and avoid excess application of Nitrogen in case of onion and garlic to avoid Purple Bloch.
Khasi Mandarin	For grown up		For grown up Khasi Mandarin, apply 500g Urea, 1kg SSP & 400g MOP per plant along with cowdung manure compost in the soil surrounding the plant after rains.
Kachai Lemon	For grown up		For grown up Kachai Lemon apply 350g Urea, 400g SSP & 300g MOP per plant along with cowdung manure compost in the soil surrounding the plant 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)	Vaccination	Birds must be vaccinated as per recommended schedule mentioned below as the probability of occurrence of the disease is high during March- April months. 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.
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		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.

(I. Meghachandra Singh)
Nodal Officer, GKMS

**MANIPUR AGROMET ADVISORY BULLETIN**Date of issue: 22nd March, 2019

District: Imphal West

Block: Wangoi

Past weather at AMFU- Lamphelpat (19th to 21st March, 19)

12.1 mm rainfall was observed during the past three days. The skies remained partly cloudy. Maximum temperature ranged from 26.0 – 27.7 °C and minimum of 10.7 – 13.4 °C. Mean relative humidity of 86 % max & 47.3 % min was recorded in the past three days & average wind speed was 5.3 – 6.7 km/ hr.

Weather forecast for Wangoi block (23rd to 27th March, 2019)

Likely to have rain/ thundershowers accompanied with lightening and gusty wind on Saturday. The sky will remain mainly clear to partly cloudy with max. temp. 31.9-34.2 °C & mini. temp. 15.6-17.7 °C. Relative humidity may reach upto 90 % (max) and 29 % (min). The average wind speed may be 5-9 km/hr.

Field Crops

Name of the crop	Stage	Pest and disease	Agro-meteorological advisories
Pre-kharif rice	Tillering		- The ridges around the crop field must be well constructed to maintain the required water level of 5-8 cm. - Hand weeding may be done at 20-30 days after transplanting.
Rabi Maize	Flowering		- Weeding may be done.
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		- Weeding may be done. Light watering may be done if the soil is dry.
French Bean	Sowing to vegetative		- Spacings: 30x45 cm from seed to seed & row to row for dwarf variety like Anupama and for pole type Local variety (Tangkhu hawai) at 60x60 cm with 2-3 seeds per hill.
Chilli/ capsicum	Nursery		- In chillies and capsicum, spray Carbendazim + Mancozeb (Sixer) @ 2 g per litre of water to control the fungal attack. - Transplant nursery in raised beds. - Give light watering to keep soil moist during vegetative phase.
Bhindi			- Sowing of bhindi/ ladies finger may be done at the spacing of 30cm x 45cm. Apply 25kg urea, 33kg DAP and 25kg MOP per sangam at final stage of land preparation before sowing.
Onion/ Garlic	Bulb formation	Leaf minor/ Thrips	- Spray Dichlorovos 36 EC @ 0.5ml/lit of water or Monocrotophos 76EC @ 1ml/lit of water to protect the crop from infestation of leaf minor. Spray is to be given twice or thrice at an interval of 7 to 10 days.
		Purple Bloch	- Apply 1kg Trichoderma viride/ sangam when there is moisture in soil and avoid excess application of Nitrogen in case of onion and garlic to avoid Purple Bloch.
Khasi Mandarin	For grown up		For grown up Khasi Mandarin, apply 500g Urea, 1kg SSP & 400g MOP per plant along with cowdung manure compost in the soil surrounding the plant after rains.
Kachai Lemon	For grown up		For grown up Kachai Lemon apply 350g Urea, 400g SSP & 300g MOP per plant along with cowdung manure compost in the soil surrounding the plant 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)	Vaccination	Birds must be vaccinated as per recommended schedule mentioned below as the probability of occurrence of the disease is high during March- April months. 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.
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		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.

(I. Meghachandra Singh)
Nodal Officer, GKMS