



MANIPUR AGROMET ADVISORY BULLETIN

Date of issue: 12th March, 2019

District: Bishnupur

<p>Past weather for the of Imphal West (8th to 11th March, 19) 0.1 mm rainfall was observed during the past four days. The skies remained mainly cloudy to overcast on 8th then clear to partly cloudy thereafter. Maximum temperature ranged from 22.6 – 26.3 °C and minimum of 7.0 – 9.5 °C. Mean relative humidity of 81.6 % max & 34.8 % min was recorded in the past four days & average wind speed was 4.5 – 6.3 km/ hr.</p>	<p>Weather forecast for Bishnupur (13th to 17th March, 2019) Likely to have no rains upto Sunday. The sky will remain mainly clear upto Friday then partly cloudy thereafter with max. temp. 27-32 °C & mini. temp. 10-11 °C. Relative humidity may reach upto 71 % (max) and 35 % (min). The average wind speed may be 0-4 km/hr.</p>
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Field Crops			
Name of the crop	Stage	Pest and disease	Agro-meteorological advisories
Pre-kharif rice	Nursery raising to transplanting		-Transplanting of 20-25 days old seedlings may be done. - After 3-4 days of transplanting, gradually increase the water level and may be maintained upto 5-8 cm.
Rapeseed/ Mustard/ Pulses	Harvesting		- Make small bundles of the harvest and keep in well ventilated shed in erect position for 4-5 days for better grain filling and better quality seeds. - Harvest mature pods of pulses and retain well filled disease free mature pods for seeds.
Rabi Maize	Vegetative		- Irrigate to maintain soil moisture. Weeding may be done.
Potato	Maturity to harvesting		- If crop is mature, harvest it before rains.
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	Transplanting		- 4-5 leave stage cucurbits seedlings may be transplanted in open field.
French Bean	Sowing		- Treat seeds with Carbendazim @ 2g/ kg seeds before sowing. - Apply 12-13 kg Urea, 12-15 kg SSP and 40-45 kg MOP per ha at the time of sowing. Give light irrigation after 2-3 days of sowing.
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.
Tomato/ Brinjal	Transplanting		- 25 to 30 days old tomato seedlings may be transplanted with a spacing of 40-45cm x 50-60cm in prepared land incorporated with well decomposed FYM during evening/ cloudy day. Apply Sevin dust @ 2.5 – 5.0 g/ hill at the time of transplanting to protect the seedlings from caterpillar/ cutworm. - Apply 75:30:60 kg of NPK/ ha at the time of transplanting. - A light irrigation should be given just after transplanting

Animal Sciences			
Name of bird/ animal	Stage	Disease/ Management	Agro-meteorological advisories
Poultry (Chicken/ Duck)	All age groups	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	All age groups except the young ones	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	All age groups	F.M.D.	- Vaccinate against F.M.D.
	All new born animals	Deworming	Give Albendazole @30 ml per 100kg body weight.

(I. Meghachandra Singh)
Nodal Officer, GKMS

**MANIPUR AGROMET ADVISORY BULLETIN**Date of issue: 12th March, 2019

District: Chandel

Past weather for the of Imphal West (8th to 11th March, 19) 0.1 mm rainfall was observed during the past four days. The skies remained mainly cloudy to overcast on 8 th then clear to partly cloudy thereafter. Maximum temperature ranged from 22.6 – 26.3 °C and minimum of 7.0 – 9.5 °C. Mean relative humidity of 81.6 % max & 34.8 % min was recorded in the past four days & average wind speed was 4.5 – 6.3 km/ hr.	Weather forecast for Chandel (13th to 17th March, 2019) Likely to have no rains upto Sunday. The sky will remain mainly clear upto Friday then partly cloudy thereafter with max. temp. 26-27 °C & mini. temp. 9-11 °C. Relative humidity may reach upto 65 % (max) and 28 % (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	Nursery raising to transplanting		-Transplanting of 20-25 days old seedlings may be done. - After 3-4 days of transplanting, gradually increase the water level and may be maintained upto 5-8 cm.
Rapeseed/ Mustard/ Pulses	Harvesting		- Make small bundles of the harvest and keep in well ventilated shed in erect position for 4-5 days for better grain filling and better quality seeds. - Harvest mature pods of pulses and retain well filled disease free mature pods for seeds.
Rabi Maize	Vegetative		- Irrigate to maintain soil moisture. Weeding may be done.
Potato	Maturity to harvesting		- If crop is mature, harvest it before rains.
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	Transplanting		- 4-5 leave stage cucurbits seedlings may be transplanted in open field.
French Bean	Sowing		- Treat seeds with Carbendazim @ 2g/ kg seeds before sowing. - Apply 12-13 kg Urea, 12-15 kg SSP and 40-45 kg MOP per ha at the time of sowing. Give light irrigation after 2-3 days of sowing.
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.
Tomato/ Brinjal	Transplanting		- 25 to 30 days old tomato seedlings may be transplanted with a spacing of 40-45cm x 50-60cm in prepared land incorporated with well decomposed FYM during evening/ cloudy day. Apply Sevin dust @ 2.5 – 5.0 g/ hill at the time of transplanting to protect the seedlings from caterpillar/ cutworm. - Apply 75:30:60 kg of NPK/ ha at the time of transplanting. - A light irrigation should be given just after transplanting

Animal Sciences			
Name of bird/ animal	Stage	Disease/ Management	Agro-meteorological advisories
Poultry (Chicken/ Duck)	All age groups	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	All age groups except the young ones	Swine Fever Coccidial infection	- Vaccinate against swine fever after the age of 3 months. Ofloxacin/ Ornidazole (O ₂) tab twice daily for 5 days.
Cattle	All age groups	F.M.D.	- Vaccinate against F.M.D.
	All new born animals	Deworming	Give Albendazole @30 ml per 100kg body weight.

(I. Meghachandra Singh)
Nodal Officer, GKMS

**MANIPUR AGROMET ADVISORY BULLETIN**Date of issue: 12th March, 2019

District: Churachandpur

Past weather for the of Imphal West (8th to 11th March, 19) 0.1 mm rainfall was observed during the past four days. The skies remained mainly cloudy to overcast on 8 th then clear to partly cloudy thereafter. Maximum temperature ranged from 22.6 – 26.3 °C and minimum of 7.0 – 9.5 °C. Mean relative humidity of 81.6 % max & 34.8 % min was recorded in the past four days & average wind speed was 4.5 – 6.3 km/ hr.	Weather forecast for Churachandpur (13th to 17th March, 2019) Likely to have no rains upto Sunday. The sky will remain mainly clear upto Friday then partly cloudy thereafter with max. temp. 27-28 °C & mini. temp. 10-11 °C. Relative humidity may reach upto 69 % (max) and 31 % (min). The average wind speed may be 3-4 km/hr.
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Field Crops			
Name of the crop	Stage	Pest and disease	Agro-meteorological advisories
Pre-kharif rice	Nursery raising to transplanting		- Transplanting of 20-25 days old seedlings may be done. - After 3-4 days of transplanting, gradually increase the water level and may be maintained upto 5-8 cm.
Rapeseed/ Mustard/ Pulses	Harvesting		- Make small bundles of the harvest and keep in well ventilated shed in erect position for 4-5 days for better grain filling and better quality seeds. - Harvest mature pods of pulses and retain well filled disease free mature pods for seeds.
Rabi Maize	Vegetative		- Irrigate to maintain soil moisture. Weeding may be done.
Potato	Maturity to harvesting		- If crop is mature, harvest it before rains.
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	Transplanting		- 4-5 leave stage cucurbits seedlings may be transplanted in open field.
French Bean	Sowing		- Treat seeds with Carbendazim @ 2g/ kg seeds before sowing. - Apply 12-13 kg Urea, 12-15 kg SSP and 40-45 kg MOP per ha at the time of sowing. Give light irrigation after 2-3 days of sowing.
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.
Tomato/ Brinjal	Transplanting		- 25 to 30 days old tomato seedlings may be transplanted with a spacing of 40-45cm x 50-60cm in prepared land incorporated with well decomposed FYM during evening/ cloudy day. Apply Sevin dust @ 2.5 – 5.0 g/ hill at the time of transplanting to protect the seedlings from caterpillar/ cutworm. - Apply 75:30:60 kg of NPK/ ha at the time of transplanting. - A light irrigation should be given just after transplanting

Animal Sciences			
Name of bird/ animal	Stage	Disease/ Management	Agro-meteorological advisories
Poultry (Chicken/ Duck)	All age groups	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	All age groups except the young ones	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	All age groups	F.M.D.	- Vaccinate against F.M.D.
	All new born animals	Deworming	Give Albendazole @30 ml per 100kg body weight.

(I. Meghachandra Singh)
Nodal Officer, GKMS

**MANIPUR AGROMET ADVISORY BULLETIN**Date of issue: 12th March, 2019

District: Imphal East

Past weather for the of Imphal West (8th to 11th March, 19) 0.1 mm rainfall was observed during the past four days. The skies remained mainly cloudy to overcast on 8 th then clear to partly cloudy thereafter. Maximum temperature ranged from 22.6 – 26.3 °C and minimum of 7.0 – 9.5 °C. Mean relative humidity of 81.6 % max & 34.8 % min was recorded in the past four days & average wind speed was 4.5 – 6.3 km/ hr.	Weather forecast for Imphal East (13th to 17th March, 2019) Likely to have no rains upto Sunday. The sky will remain mainly clear upto Friday then partly cloudy thereafter with max. temp. 27-29 °C & mini. temp. 10-11 °C. Relative humidity may reach upto 71 % (max) and 33 % (min). The average wind speed may be 3 km/hr.
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Field Crops			
Name of the crop	Stage	Pest and disease	Agro-meteorological advisories
Pre-kharif rice	Nursery raising to transplanting		- Transplanting of 20-25 days old seedlings may be done. - After 3-4 days of transplanting, gradually increase the water level and may be maintained upto 5-8 cm.
Rapeseed/ Mustard/ Pulses	Harvesting		- Make small bundles of the harvest and keep in well ventilated shed in erect position for 4-5 days for better grain filling and better quality seeds. - Harvest mature pods of pulses and retain well filled disease free mature pods for seeds.
Rabi Maize	Vegetative		- Irrigate to maintain soil moisture. Weeding may be done.
Potato	Maturity to harvesting		- If crop is mature, harvest it before rains.
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	Transplanting		- 4-5 leave stage cucurbits seedlings may be transplanted in open field.
French Bean	Sowing		- Treat seeds with Carbendazim @ 2g/ kg seeds before sowing. - Apply 12-13 kg Urea, 12-15 kg SSP and 40-45 kg MOP per ha at the time of sowing. Give light irrigation after 2-3 days of sowing.
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.
Tomato/ Brinjal	Transplanting		- 25 to 30 days old tomato seedlings may be transplanted with a spacing of 40-45cm x 50-60cm in prepared land incorporated with well decomposed FYM during evening/ cloudy day. Apply Sevin dust @ 2.5 – 5.0 g/ hill at the time of transplanting to protect the seedlings from caterpillar/ cutworm. - Apply 75:30:60 kg of NPK/ ha at the time of transplanting. - A light irrigation should be given just after transplanting

Animal Sciences			
Name of bird/ animal	Stage	Disease/ Management	Agro-meteorological advisories
Poultry (Chicken/ Duck)	All age groups	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	All age groups except the young ones	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	All age groups	F.M.D.	- Vaccinate against F.M.D.
	All new born animals	Deworming	Give Albendazole @30 ml per 100kg body weight.

(I. Meghachandra Singh)
Nodal Officer, GKMS

**MANIPUR AGROMET ADVISORY BULLETIN**Date of issue: 12th March, 2019

District: Imphal West

Past weather for the of Imphal West (8th to 11th March, 19) 0.1 mm rainfall was observed during the past four days. The skies remained mainly cloudy to overcast on 8 th then clear to partly cloudy thereafter. Maximum temperature ranged from 22.6 – 26.3 °C and minimum of 7.0 – 9.5 °C. Mean relative humidity of 81.6 % max & 34.8 % min was recorded in the past four days & average wind speed was 4.5 – 6.3 km/ hr.	Weather forecast for Imphal West (13th to 17th March, 2019) Likely to have no rains upto Sunday. The sky will remain mainly clear upto Friday then partly cloudy thereafter with max. temp. 27-28 °C & mini. temp. 10-11 °C. Relative humidity may reach upto 68 % (max) and 36 % (min). The average wind speed may be 4 km/hr.
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Field Crops			
Name of the crop	Stage	Pest and disease	Agro-meteorological advisories
Pre-kharif rice	Nursery raising to transplanting		-Transplanting of 20-25 days old seedlings may be done. - After 3-4 days of transplanting, gradually increase the water level and may be maintained upto 5-8 cm.
Rapeseed/ Mustard/ Pulses	Harvesting		- Make small bundles of the harvest and keep in well ventilated shed in erect position for 4-5 days for better grain filling and better quality seeds. - Harvest mature pods of pulses and retain well filled disease free mature pods for seeds.
Rabi Maize	Vegetative		- Irrigate to maintain soil moisture. Weeding may be done.
Potato	Maturity to harvesting		- If crop is mature, harvest it before rains.
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	Transplanting		- 4-5 leave stage cucurbits seedlings may be transplanted in open field.
French Bean	Sowing		- Treat seeds with Carbendazim @ 2g/ kg seeds before sowing. - Apply 12-13 kg Urea, 12-15 kg SSP and 40-45 kg MOP per ha at the time of sowing. Give light irrigation after 2-3 days of sowing.
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.
Tomato/ Brinjal	Transplanting		- 25 to 30 days old tomato seedlings may be transplanted with a spacing of 40-45cm x 50-60cm in prepared land incorporated with well decomposed FYM during evening/ cloudy day. Apply Sevin dust @ 2.5 – 5.0 g/ hill at the time of transplanting to protect the seedlings from caterpillar/ cutworm. - Apply 75:30:60 kg of NPK/ ha at the time of transplanting. - A light irrigation should be given just after transplanting

Animal Sciences			
Name of bird/ animal	Stage	Disease/ Management	Agro-meteorological advisories
Poultry (Chicken/ Duck)	All age groups	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	All age groups except the young ones	Swine Fever Coccidial infection	- Vaccinate against swine fever after the age of 3 months. Ofloxacin/ Ornidazole (O ₂) tab twice daily for 5 days.
Cattle	All age groups	F.M.D.	- Vaccinate against F.M.D.
	All new born animals	Deworming	Give Albendazole @30 ml per 100kg body weight.

(I. Meghachandra Singh)
Nodal Officer, GKMS



MANIPUR AGROMET ADVISORY BULLETIN

Date of issue: 12th March, 2019

District: Jiribam

<p>Past weather for the of Imphal West (8th to 11th March, 19) 0.1 mm rainfall was observed during the past four days. The skies remained mainly cloudy to overcast on 8th then clear to partly cloudy thereafter. Maximum temperature ranged from 22.6 – 26.3 °C and minimum of 7.0 – 9.5 °C. Mean relative humidity of 81.6 % max & 34.8 % min was recorded in the past four days & average wind speed was 4.5 – 6.3 km/ hr.</p>	<p>Weather forecast for Jiribam (13th to 17th March, 2019) Likely to have no rains upto Sunday. The sky will remain mainly clear upto Friday then partly cloudy thereafter with max. temp. 30-34 °C & mini. temp. 15-18 °C. Relative humidity may reach upto 81 % (max) and 36 % (min). The average wind speed may be 4 km/hr.</p>
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Field Crops			
Name of the crop	Stage	Pest and disease	Agro-meteorological advisories
Pre-kharif rice	Nursery raising to transplanting		- Transplanting of 20-25 days old seedlings may be done. - After 3-4 days of transplanting, gradually increase the water level and may be maintained upto 5-8 cm.
Rapeseed/ Mustard/ Pulses	Harvesting		- Make small bundles of the harvest and keep in well ventilated shed in erect position for 4-5 days for better grain filling and better quality seeds. - Harvest mature pods of pulses and retain well filled disease free mature pods for seeds.
Rabi Maize	Vegetative		- Irrigate to maintain soil moisture. Weeding may be done.
Potato	Maturity to harvesting		- If crop is mature, harvest it before rains.
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	Transplanting		- 4-5 leave stage cucurbits seedlings may be transplanted in open field.
French Bean	Sowing		- Treat seeds with Carbendazim @ 2g/ kg seeds before sowing. - Apply 12-13 kg Urea, 12-15 kg SSP and 40-45 kg MOP per ha at the time of sowing. Give light irrigation after 2-3 days of sowing.
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.
Tomato/ Brinjal	Transplanting		- 25 to 30 days old tomato seedlings may be transplanted with a spacing of 40-45cm x 50-60cm in prepared land incorporated with well decomposed FYM during evening/ cloudy day. Apply Sevin dust @ 2.5 – 5.0 g/ hill at the time of transplanting to protect the seedlings from caterpillar/ cutworm. - Apply 75:30:60 kg of NPK/ ha at the time of transplanting. - A light irrigation should be given just after transplanting

Animal Sciences			
Name of bird/ animal	Stage	Disease/ Management	Agro-meteorological advisories
Poultry (Chicken/ Duck)	All age groups	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	All age groups except the young ones	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	All age groups	F.M.D.	- Vaccinate against F.M.D.
	All new born animals	Deworming	Give Albendazole @30 ml per 100kg body weight.

(I. Meghachandra Singh)
Nodal Officer, GKMS



MANIPUR AGROMET ADVISORY BULLETIN

Date of issue: 12th March, 2019

District: *Kakching*

<p>Past weather for the of Imphal West (8th to 11th March, 19) 0.1 mm rainfall was observed during the past four days. The skies remained mainly cloudy to overcast on 8th then clear to partly cloudy thereafter. Maximum temperature ranged from 22.6 – 26.3 °C and minimum of 7.0 – 9.5 °C. Mean relative humidity of 81.6 % max & 34.8 % min was recorded in the past four days & average wind speed was 4.5 – 6.3 km/ hr.</p>	<p>Weather forecast for Kakching (13th to 17th March, 2019) Likely to have no rains upto Sunday. The sky will remain mainly clear upto Friday then partly cloudy thereafter with max. temp. 31-36 °C & mini. temp. 16-19 °C. Relative humidity may reach upto 75 % (max) and 32 % (min). The average wind speed may be 3-6 km/hr.</p>
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Field Crops			
Name of the crop	Stage	Pest and disease	Agro-meteorological advisories
Pre-kharif rice	Nursery raising to transplanting		-Transplanting of 20-25 days old seedlings may be done. - After 3-4 days of transplanting, gradually increase the water level and may be maintained upto 5-8 cm.
Rapeseed/ Mustard/ Pulses	Harvesting		- Make small bundles of the harvest and keep in well ventilated shed in erect position for 4-5 days for better grain filling and better quality seeds. - Harvest mature pods of pulses and retain well filled disease free mature pods for seeds.
Rabi Maize	Vegetative		- Irrigate to maintain soil moisture. Weeding may be done.
Potato	Maturity to harvesting		- If crop is mature, harvest it before rains.
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	Transplanting		- 4-5 leave stage cucurbits seedlings may be transplanted in open field.
French Bean	Sowing		- Treat seeds with Carbendazim @ 2g/ kg seeds before sowing. - Apply 12-13 kg Urea, 12-15 kg SSP and 40-45 kg MOP per ha at the time of sowing. Give light irrigation after 2-3 days of sowing.
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.
Tomato/ Brinjal	Transplanting		- 25 to 30 days old tomato seedlings may be transplanted with a spacing of 40-45cm x 50-60cm in prepared land incorporated with well decomposed FYM during evening/ cloudy day. Apply Sevin dust @ 2.5 – 5.0 g/ hill at the time of transplanting to protect the seedlings from caterpillar/ cutworm. - Apply 75:30:60 kg of NPK/ ha at the time of transplanting. - A light irrigation should be given just after transplanting

Animal Sciences			
Name of bird/ animal	Stage	Disease/ Management	Agro-meteorological advisories
Poultry (Chicken/ Duck)	All age groups	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	All age groups except the young ones	Swine Fever Coccidial infection	- Vaccinate against swine fever after the age of 3 months. Ofloxacin/ Ornidazole (O ₂) tab twice daily for 5 days.
Cattle	All age groups	F.M.D.	- Vaccinate against F.M.D.
	All new born animals	Deworming	Give Albendazole @30 ml per 100kg body weight.

(I. Meghachandra Singh)
Nodal Officer, GKMS



MANIPUR AGROMET ADVISORY BULLETIN

Date of issue: 12th March, 2019

District: Kamjong

<p>Past weather for the of Imphal West (8th to 11th March, 19) 0.1 mm rainfall was observed during the past four days. The skies remained mainly cloudy to overcast on 8th then clear to partly cloudy thereafter. Maximum temperature ranged from 22.6 – 26.3 °C and minimum of 7.0 – 9.5 °C. Mean relative humidity of 81.6 % max & 34.8 % min was recorded in the past four days & average wind speed was 4.5 – 6.3 km/ hr.</p>	<p>Weather forecast for Kamjong (13th to 17th March, 2019) Likely to have no rains upto Sunday. The sky will remain mainly clear upto Friday then partly cloudy thereafter with max. temp. 31-35 °C & mini. temp. 15-18 °C. Relative humidity may reach upto 84 % (max) and 35 % (min). The average wind speed may be 2-4 km/hr.</p>
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Field Crops			
Name of the crop	Stage	Pest and disease	Agro-meteorological advisories
Pre-kharif rice	Nursery raising to transplanting		-Transplanting of 20-25 days old seedlings may be done. - After 3-4 days of transplanting, gradually increase the water level and may be maintained upto 5-8 cm.
Rapeseed/ Mustard/ Pulses	Harvesting		- Make small bundles of the harvest and keep in well ventilated shed in erect position for 4-5 days for better grain filling and better quality seeds. - Harvest mature pods of pulses and retain well filled disease free mature pods for seeds.
Rabi Maize	Vegetative		- Irrigate to maintain soil moisture. Weeding may be done.
Potato	Maturity to harvesting		- If crop is mature, harvest it before rains.
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	Transplanting		- 4-5 leave stage cucurbits seedlings may be transplanted in open field.
French Bean	Sowing		- Treat seeds with Carbendazim @ 2g/ kg seeds before sowing. - Apply 12-13 kg Urea, 12-15 kg SSP and 40-45 kg MOP per ha at the time of sowing. Give light irrigation after 2-3 days of sowing.
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.
Tomato/ Brinjal	Transplanting		- 25 to 30 days old tomato seedlings may be transplanted with a spacing of 40-45cm x 50-60cm in prepared land incorporated with well decomposed FYM during evening/ cloudy day. Apply Sevin dust @ 2.5 – 5.0 g/ hill at the time of transplanting to protect the seedlings from caterpillar/ cutworm. - Apply 75:30:60 kg of NPK/ ha at the time of transplanting. - A light irrigation should be given just after transplanting

Animal Sciences			
Name of bird/ animal	Stage	Disease/ Management	Agro-meteorological advisories
Poultry (Chicken/ Duck)	All age groups	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	All age groups except the young ones	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	All age groups	F.M.D.	- Vaccinate against F.M.D.
	All new born animals	Deworming	Give Albendazole @30 ml per 100kg body weight.

(I. Meghachandra Singh)
Nodal Officer, GKMS

**MANIPUR AGROMET ADVISORY BULLETIN**Date of issue: 12th March, 2019

District: Kangpokpi

Past weather for the of Imphal West (8th to 11th March, 19) 0.1 mm rainfall was observed during the past four days. The skies remained mainly cloudy to overcast on 8 th then clear to partly cloudy thereafter. Maximum temperature ranged from 22.6 – 26.3 °C and minimum of 7.0 – 9.5 °C. Mean relative humidity of 81.6 % max & 34.8 % min was recorded in the past four days & average wind speed was 4.5 – 6.3 km/ hr.	Weather forecast for Kangpokpi (13th to 17th March, 2019) Likely to have no rains upto Sunday. The sky will remain mainly clear upto Friday then partly cloudy thereafter with max. temp. 30-34 °C & mini. temp. 16-18 °C. Relative humidity may reach upto 87 % (max) and 33 % (min). The average wind speed may be 3 km/hr.
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Field Crops			
Name of the crop	Stage	Pest and disease	Agro-meteorological advisories
Pre-kharif rice	Nursery raising to transplanting		- Transplanting of 20-25 days old seedlings may be done. - After 3-4 days of transplanting, gradually increase the water level and may be maintained upto 5-8 cm.
Rapeseed/ Mustard/ Pulses	Harvesting		- Make small bundles of the harvest and keep in well ventilated shed in erect position for 4-5 days for better grain filling and better quality seeds. - Harvest mature pods of pulses and retain well filled disease free mature pods for seeds.
Rabi Maize	Vegetative		- Irrigate to maintain soil moisture. Weeding may be done.
Potato	Maturity to harvesting		- If crop is mature, harvest it before rains.
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	Transplanting		- 4-5 leave stage cucurbits seedlings may be transplanted in open field.
French Bean	Sowing		- Treat seeds with Carbendazim @ 2g/ kg seeds before sowing. - Apply 12-13 kg Urea, 12-15 kg SSP and 40-45 kg MOP per ha at the time of sowing. Give light irrigation after 2-3 days of sowing.
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.
Tomato/ Brinjal	Transplanting		- 25 to 30 days old tomato seedlings may be transplanted with a spacing of 40-45cm x 50-60cm in prepared land incorporated with well decomposed FYM during evening/ cloudy day. Apply Sevin dust @ 2.5 – 5.0 g/ hill at the time of transplanting to protect the seedlings from caterpillar/ cutworm. - Apply 75:30:60 kg of NPK/ ha at the time of transplanting. - A light irrigation should be given just after transplanting

Animal Sciences			
Name of bird/ animal	Stage	Disease/ Management	Agro-meteorological advisories
Poultry (Chicken/ Duck)	All age groups	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	All age groups except the young ones	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	All age groups	F.M.D.	- Vaccinate against F.M.D.
	All new born animals	Deworming	Give Albendazole @30 ml per 100kg body weight.

(I. Meghachandra Singh)
Nodal Officer, GKMS



MANIPUR AGROMET ADVISORY BULLETIN

Date of issue: 12th March, 2019

District: Noney

<p>Past weather for the of Imphal West (8th to 11th March, 19) 0.1 mm rainfall was observed during the past four days. The skies remained mainly cloudy to overcast on 8th then clear to partly cloudy thereafter. Maximum temperature ranged from 22.6 – 26.3 °C and minimum of 7.0 – 9.5 °C. Mean relative humidity of 81.6 % max & 34.8 % min was recorded in the past four days & average wind speed was 4.5 – 6.3 km/ hr.</p>	<p>Weather forecast for Noney (13th to 17th March, 2019) Likely to have no rains upto Sunday. The sky will remain mainly clear upto Friday then partly cloudy thereafter with max. temp. 31-34 °C & mini. temp. 15-19 °C. Relative humidity may reach upto 80 % (max) and 35 % (min). The average wind speed may be 2-4 km/hr.</p>
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Field Crops			
Name of the crop	Stage	Pest and disease	Agro-meteorological advisories
Pre-kharif rice	Nursery raising to transplanting		- Transplanting of 20-25 days old seedlings may be done. - After 3-4 days of transplanting, gradually increase the water level and may be maintained upto 5-8 cm.
Rapeseed/ Mustard/ Pulses	Harvesting		- Make small bundles of the harvest and keep in well ventilated shed in erect position for 4-5 days for better grain filling and better quality seeds. - Harvest mature pods of pulses and retain well filled disease free mature pods for seeds.
Rabi Maize	Vegetative		- Irrigate to maintain soil moisture. Weeding may be done.
Potato	Maturity to harvesting		- If crop is mature, harvest it before rains.
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	Transplanting		- 4-5 leave stage cucurbits seedlings may be transplanted in open field.
French Bean	Sowing		- Treat seeds with Carbendazim @ 2g/ kg seeds before sowing. - Apply 12-13 kg Urea, 12-15 kg SSP and 40-45 kg MOP per ha at the time of sowing. Give light irrigation after 2-3 days of sowing.
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.
Tomato/ Brinjal	Transplanting		- 25 to 30 days old tomato seedlings may be transplanted with a spacing of 40-45cm x 50-60cm in prepared land incorporated with well decomposed FYM during evening/ cloudy day. Apply Sevin dust @ 2.5 – 5.0 g/ hill at the time of transplanting to protect the seedlings from caterpillar/ cutworm. - Apply 75:30:60 kg of NPK/ ha at the time of transplanting. - A light irrigation should be given just after transplanting

Animal Sciences			
Name of bird/ animal	Stage	Disease/ Management	Agro-meteorological advisories
Poultry (Chicken/ Duck)	All age groups	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	All age groups except the young ones	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	All age groups	F.M.D.	- Vaccinate against F.M.D.
	All new born animals	Deworming	Give Albendazole @30 ml per 100kg body weight.

(I. Meghachandra Singh)
Nodal Officer, GKMS

**MANIPUR AGROMET ADVISORY BULLETIN**Date of issue: 12th March, 2019

District: Pherzawl

Past weather for the of Imphal West (8th to 11th March, 19) 0.1 mm rainfall was observed during the past four days. The skies remained mainly cloudy to overcast on 8 th then clear to partly cloudy thereafter. Maximum temperature ranged from 22.6 – 26.3 °C and minimum of 7.0 – 9.5 °C. Mean relative humidity of 81.6 % max & 34.8 % min was recorded in the past four days & average wind speed was 4.5 – 6.3 km/ hr.	Weather forecast for Pherzawl (13th to 17th March, 2019) Likely to have no rains upto Sunday. The sky will remain mainly clear upto Friday then partly cloudy thereafter with max. temp. 31-34 °C & mini. temp. 16-19 °C. Relative humidity may reach upto 74 % (max) and 30 % (min). The average wind speed may be 2-3 km/hr.
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Field Crops			
Name of the crop	Stage	Pest and disease	Agro-meteorological advisories
Pre-kharif rice	Nursery raising to transplanting		- Transplanting of 20-25 days old seedlings may be done. - After 3-4 days of transplanting, gradually increase the water level and may be maintained upto 5-8 cm.
Rapeseed/ Mustard/ Pulses	Harvesting		- Make small bundles of the harvest and keep in well ventilated shed in erect position for 4-5 days for better grain filling and better quality seeds. - Harvest mature pods of pulses and retain well filled disease free mature pods for seeds.
Rabi Maize	Vegetative		- Irrigate to maintain soil moisture. Weeding may be done.
Potato	Maturity to harvesting		- If crop is mature, harvest it before rains.
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	Transplanting		- 4-5 leave stage cucurbits seedlings may be transplanted in open field.
French Bean	Sowing		- Treat seeds with Carbendazim @ 2g/ kg seeds before sowing. - Apply 12-13 kg Urea, 12-15 kg SSP and 40-45 kg MOP per ha at the time of sowing. Give light irrigation after 2-3 days of sowing.
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.
Tomato/ Brinjal	Transplanting		- 25 to 30 days old tomato seedlings may be transplanted with a spacing of 40-45cm x 50-60cm in prepared land incorporated with well decomposed FYM during evening/ cloudy day. Apply Sevin dust @ 2.5 – 5.0 g/ hill at the time of transplanting to protect the seedlings from caterpillar/ cutworm. - Apply 75:30:60 kg of NPK/ ha at the time of transplanting. - A light irrigation should be given just after transplanting

Animal Sciences			
Name of bird/ animal	Stage	Disease/ Management	Agro-meteorological advisories
Poultry (Chicken/ Duck)	All age groups	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	All age groups except the young ones	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	All age groups	F.M.D.	- Vaccinate against F.M.D.
	All new born animals	Deworming	Give Albendazole @30 ml per 100kg body weight.

(I. Meghachandra Singh)
Nodal Officer, GKMS

**MANIPUR AGROMET ADVISORY BULLETIN**Date of issue: 12th March, 2019

District: Senapati

<p>Past weather for the of Imphal West (8th to 11th March, 19) 0.1 mm rainfall was observed during the past four days. The skies remained mainly cloudy to overcast on 8th then clear to partly cloudy thereafter. Maximum temperature ranged from 22.6 – 26.3 °C and minimum of 7.0 – 9.5 °C. Mean relative humidity of 81.6 % max & 34.8 % min was recorded in the past four days & average wind speed was 4.5 – 6.3 km/ hr.</p>	<p>Weather forecast for Senapati (13th to 17th March, 2019) Likely to have no rains upto Sunday. The sky will remain mainly clear upto Friday then partly cloudy thereafter with max. temp. 25-26 °C & mini. temp. 7-8 °C. Relative humidity may reach upto 71 % (max) and 35 % (min). The average wind speed may be 2-3 km/hr.</p>
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Field Crops			
Name of the crop	Stage	Pest and disease	Agro-meteorological advisories
Pre-kharif rice	Nursery raising to transplanting		- Transplanting of 20-25 days old seedlings may be done. - After 3-4 days of transplanting, gradually increase the water level and may be maintained upto 5-8 cm.
Rapeseed/ Mustard/ Pulses	Harvesting		- Make small bundles of the harvest and keep in well ventilated shed in erect position for 4-5 days for better grain filling and better quality seeds. - Harvest mature pods of pulses and retain well filled disease free mature pods for seeds.
Rabi Maize	Vegetative		- Irrigate to maintain soil moisture. 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	Transplanting		- 4-5 leave stage cucurbits seedlings may be transplanted in open field.
French Bean	Sowing		- Treat seeds with Carbendazim @ 2g/ kg seeds before sowing. - Apply 12-13 kg Urea, 12-15 kg SSP and 40-45 kg MOP per ha at the time of sowing. Give light irrigation after 2-3 days of sowing.
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.

Animal Sciences			
Name of bird/ animal	Stage	Disease/ Management	Agro-meteorological advisories
Poultry (Chicken/ Duck)	All age groups	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	All age groups except the young ones	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	All age groups	F.M.D.	- Vaccinate against F.M.D.
	All new born animals	Deworming	Give Albendazole @30 ml per 100kg body weight.

(I. Meghachandra Singh)
Nodal Officer, GKMS



MANIPUR AGROMET ADVISORY BULLETIN

Date of issue: 12th March, 2019

District: Tamenglong

<p>Past weather for the of Imphal West (8th to 11th March, 19) 0.1 mm rainfall was observed during the past four days. The skies remained mainly cloudy to overcast on 8th then clear to partly cloudy thereafter. Maximum temperature ranged from 22.6 – 26.3 °C and minimum of 7.0 – 9.5 °C. Mean relative humidity of 81.6 % max & 34.8 % min was recorded in the past four days & average wind speed was 4.5 – 6.3 km/ hr.</p>	<p>Weather forecast for Tamenglong (13th to 17th March, 2019) Likely to have no rains upto Sunday. The sky will remain mainly clear upto Friday then partly cloudy thereafter with max. temp. 27-28 °C & mini. temp. 8-9 °C. Relative humidity may reach upto 69 % (max) and 39 % (min). The average wind speed may be 2-3 km/hr.</p>
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Field Crops			
Name of the crop	Stage	Pest and disease	Agro-meteorological advisories
Pre-kharif rice	Nursery raising to transplanting		-Transplanting of 20-25 days old seedlings may be done. - After 3-4 days of transplanting, gradually increase the water level and may be maintained upto 5-8 cm.
Rapeseed/ Mustard/ Pulses	Harvesting		- Make small bundles of the harvest and keep in well ventilated shed in erect position for 4-5 days for better grain filling and better quality seeds. - Harvest mature pods of pulses and retain well filled disease free mature pods for seeds.
Rabi Maize	Vegetative		- Irrigate to maintain soil moisture. Weeding may be done.
Potato	Maturity to harvesting		- If crop is mature, harvest it before rains.
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	Transplanting		- 4-5 leave stage cucurbits seedlings may be transplanted in open field.
French Bean	Sowing		- Treat seeds with Carbendazim @ 2g/ kg seeds before sowing. - Apply 12-13 kg Urea, 12-15 kg SSP and 40-45 kg MOP per ha at the time of sowing. Give light irrigation after 2-3 days of sowing.
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.
Tomato/ Brinjal	Transplanting		- 25 to 30 days old tomato seedlings may be transplanted with a spacing of 40-45cm x 50-60cm in prepared land incorporated with well decomposed FYM during evening/ cloudy day. Apply Sevin dust @ 2.5 – 5.0 g/ hill at the time of transplanting to protect the seedlings from caterpillar/ cutworm. - Apply 75:30:60 kg of NPK/ ha at the time of transplanting. - A light irrigation should be given just after transplanting

Animal Sciences			
Name of bird/ animal	Stage	Disease/ Management	Agro-meteorological advisories
Poultry (Chicken/ Duck)	All age groups	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	All age groups except the young ones	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	All age groups	F.M.D.	- Vaccinate against F.M.D.
	All new born animals	Deworming	Give Albendazole @30 ml per 100kg body weight.

(I. Meghachandra Singh)
Nodal Officer, GKMS

**MANIPUR AGROMET ADVISORY BULLETIN**Date of issue: 12th March, 2019

District: Tengnoupal

Past weather for the of Imphal West (8th to 11th March, 19) 0.1 mm rainfall was observed during the past four days. The skies remained mainly cloudy to overcast on 8 th then clear to partly cloudy thereafter. Maximum temperature ranged from 22.6 – 26.3 °C and minimum of 7.0 – 9.5 °C. Mean relative humidity of 81.6 % max & 34.8 % min was recorded in the past four days & average wind speed was 4.5 – 6.3 km/ hr.	Weather forecast for Tengnoupal (13th to 17th March, 2019) Likely to have no rains upto Sunday. The sky will remain mainly clear upto Friday then partly cloudy thereafter with max. temp. 31-35 °C & mini. temp. 15-18 °C. Relative humidity may reach upto 80 % (max) and 30 % (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	Nursery raising to transplanting		-Transplanting of 20-25 days old seedlings may be done. - After 3-4 days of transplanting, gradually increase the water level and may be maintained upto 5-8 cm.
Rapeseed/ Mustard/ Pulses	Harvesting		- Make small bundles of the harvest and keep in well ventilated shed in erect position for 4-5 days for better grain filling and better quality seeds. - Harvest mature pods of pulses and retain well filled disease free mature pods for seeds.
Rabi Maize	Vegetative		- Irrigate to maintain soil moisture. Weeding may be done.
Potato	Maturity to harvesting		- If crop is mature, harvest it before rains.
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	Transplanting		- 4-5 leave stage cucurbits seedlings may be transplanted in open field.
French Bean	Sowing		- Treat seeds with Carbendazim @ 2g/ kg seeds before sowing. - Apply 12-13 kg Urea, 12-15 kg SSP and 40-45 kg MOP per ha at the time of sowing. Give light irrigation after 2-3 days of sowing.
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.
Tomato/ Brinjal	Transplanting		- 25 to 30 days old tomato seedlings may be transplanted with a spacing of 40-45cm x 50-60cm in prepared land incorporated with well decomposed FYM during evening/ cloudy day. Apply Sevin dust @ 2.5 – 5.0 g/ hill at the time of transplanting to protect the seedlings from caterpillar/ cutworm. - Apply 75:30:60 kg of NPK/ ha at the time of transplanting. - A light irrigation should be given just after transplanting

Animal Sciences			
Name of bird/ animal	Stage	Disease/ Management	Agro-meteorological advisories
Poultry (Chicken/ Duck)	All age groups	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	All age groups except the young ones	Swine Fever Coccidial infection	- Vaccinate against swine fever after the age of 3 months. Ofloxacin/ Ornidazole (O ₂) tab twice daily for 5 days.
Cattle	All age groups	F.M.D.	- Vaccinate against F.M.D.
	All new born animals	Deworming	Give Albendazole @30 ml per 100kg body weight.

(I. Meghachandra Singh)
Nodal Officer, GKMS



MANIPUR AGROMET ADVISORY BULLETIN

Date of issue: 12th March, 2019

District: Thoubal

<p>Past weather for the of Imphal West (8th to 11th March, 19) 0.1 mm rainfall was observed during the past four days. The skies remained mainly cloudy to overcast on 8th then clear to partly cloudy thereafter. Maximum temperature ranged from 22.6 – 26.3 °C and minimum of 7.0 – 9.5 °C. Mean relative humidity of 81.6 % max & 34.8 % min was recorded in the past four days & average wind speed was 4.5 – 6.3 km/ hr.</p>	<p>Weather forecast for Thoubal (13th to 17th March, 2019) Likely to have no rains upto Sunday. The sky will remain mainly clear upto Friday then partly cloudy thereafter with max. temp. 27-28 °C & mini. temp. 10-11 °C. Relative humidity may reach upto 69 % (max) and 32 % (min). The average wind speed may be 3-6 km/hr.</p>
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Field Crops			
Name of the crop	Stage	Pest and disease	Agro-meteorological advisories
Pre-kharif rice	Nursery raising to transplanting		-Transplanting of 20-25 days old seedlings may be done. - After 3-4 days of transplanting, gradually increase the water level and may be maintained upto 5-8 cm.
Rapeseed/ Mustard/ Pulses	Harvesting		- Make small bundles of the harvest and keep in well ventilated shed in erect position for 4-5 days for better grain filling and better quality seeds. - Harvest mature pods of pulses and retain well filled disease free mature pods for seeds.
Rabi Maize	Vegetative		- Irrigate to maintain soil moisture. Weeding may be done.
Potato	Maturity to harvesting		- If crop is mature, harvest it before rains.
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	Transplanting		- 4-5 leave stage cucurbits seedlings may be transplanted in open field.
French Bean	Sowing		- Treat seeds with Carbendazim @ 2g/ kg seeds before sowing. - Apply 12-13 kg Urea, 12-15 kg SSP and 40-45 kg MOP per ha at the time of sowing. Give light irrigation after 2-3 days of sowing.
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.
Tomato/ Brinjal	Transplanting		- 25 to 30 days old tomato seedlings may be transplanted with a spacing of 40-45cm x 50-60cm in prepared land incorporated with well decomposed FYM during evening/ cloudy day. Apply Sevin dust @ 2.5 – 5.0 g/ hill at the time of transplanting to protect the seedlings from caterpillar/ cutworm. - Apply 75:30:60 kg of NPK/ ha at the time of transplanting. - A light irrigation should be given just after transplanting

Animal Sciences			
Name of bird/ animal	Stage	Disease/ Management	Agro-meteorological advisories
Poultry (Chicken/ Duck)	All age groups	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	All age groups except the young ones	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	All age groups	F.M.D.	- Vaccinate against F.M.D.
	All new born animals	Deworming	Give Albendazole @30 ml per 100kg body weight.

(I. Meghachandra Singh)
Nodal Officer, GKMS

**MANIPUR AGROMET ADVISORY BULLETIN**Date of issue: 12th March, 2019

District: Ukhrul

Past weather for the of Imphal West (8th to 11th March, 19) 0.1 mm rainfall was observed during the past four days. The skies remained mainly cloudy to overcast on 8 th then clear to partly cloudy thereafter. Maximum temperature ranged from 22.6 – 26.3 °C and minimum of 7.0 – 9.5 °C. Mean relative humidity of 81.6 % max & 34.8 % min was recorded in the past four days & average wind speed was 4.5 – 6.3 km/ hr.	Weather forecast for Ukhrul (13th to 17th March, 2019) Likely to have no rains upto Sunday. The sky will remain mainly clear upto Friday then partly cloudy thereafter with max. temp. 29-30 °C & mini. temp. 7-8 °C. Relative humidity may reach upto 68 % (max) and 28 % (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	Nursery raising to transplanting		- Transplanting of 20-25 days old seedlings may be done. - After 3-4 days of transplanting, gradually increase the water level and may be maintained upto 5-8 cm.
Rapeseed/ Mustard/ Pulses	Harvesting		- Make small bundles of the harvest and keep in well ventilated shed in erect position for 4-5 days for better grain filling and better quality seeds. - Harvest mature pods of pulses and retain well filled disease free mature pods for seeds.
Rabi Maize	Vegetative		- Irrigate to maintain soil moisture. 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	Transplanting		- 4-5 leave stage cucurbits seedlings may be transplanted in open field.
French Bean	Sowing		- Treat seeds with Carbendazim @ 2g/ kg seeds before sowing. - Apply 12-13 kg Urea, 12-15 kg SSP and 40-45 kg MOP per ha at the time of sowing. Give light irrigation after 2-3 days of sowing.
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.

Animal Sciences			
Name of bird/ animal	Stage	Disease/ Management	Agro-meteorological advisories
Poultry (Chicken/ Duck)	All age groups	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	All age groups except the young ones	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	All age groups	F.M.D.	- Vaccinate against F.M.D.
	All new born animals	Deworming	Give Albendazole @30 ml per 100kg body weight.

(I. Meghachandra Singh)
Nodal Officer, GKMS