

**MANIPUR AGROMET ADVISORY BULLETIN**Date of issue: 5th March, 2019*District: Imphal East***Past weather for the of Imphal West (1st to 4th March, 19)**

10.3 mm rainfall was observed during the past four days. The skies mainly clear to partly cloudy but mainly cloudy during afternoon hours of 4th March. Maximum temperature ranged from 21.5 – 25.6 °C and minimum of 4.2 – 12.4 °C. Mean relative humidity of 81.8 % max and 33.5 % min was recorded in the past four days & average wind speed was 2.3 – 6.7 km/ hr.

Weather forecast for Imphal East (6th to 10th March, 2019)

Likely to have light rains during morning hours. The sky will remain mainly cloudy to overcast upto Thursday then clear to partly cloudy thereafter with max. temp. 20-27 °C & mini. temp. 9-12 °C. Relative humidity may reach upto 94 % (max) and 57 % (min). The average wind speed may be 6-9 km/hr.

*** General Advisories:**

- Sprays mentioned below/ harvesting of mature crops/ inter-culture operations/ weeding may be done after rains.

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 and increase water level after the plants are established.
Rapeseed/ Mustard	Maturity to harvesting		- Harvest the crops when 75% of the siliquae mature. It must be harvested during morning before drying of dew to avoid shattering of pods. - 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.
Rabi Maize	Vegetative		- To control stem borer in maize, apply few granules of Carbofuran 3G at maize whorl. 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	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.
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.
Ginger/ Turmeric	Land preparation to planting		- Apply 1 t FYM, 65 kg Urea, 375 kg SSP and 80 kg MOP during land preparation for planting. - Sort out healthy mother rhizome of 25-30g weight and plant at a spacing of 1 ft x 1 ft. Treat the seed rhizome with Captan (@ 2g/ lit water) or Mencozeb (@ 3g/ lit of water) for 15-20 minutes and keep under shed before planting.
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	Vaccinate against Ranikhet disease.
		Coccidiosis	Give 1gm Amprolium Powder in 1 litre of drinking water for 5-7 days.
		Gumboro	- Gumboro disease vaccine (@ 1drop/ bird in eye) when the bird is 14 days old.
Sheep/ Goat	All new born animals	Deworming	Give Albendazole @25 ml per 100kg body weight.
Pig	All age groups except the young ones	Deworming	Give Albendazole Plus Avermectin Table 6 mg/adult.
		Coccidial infection	Ofloxacin/ Ornidazole (O ₂) tab twice daily for 5 days.
Cattle	All age groups	Tick	Use Butox liquid @ 2ml/ litre water twice a week while brushing animals.
	All new born animals	Deworming	Give Albendazole @30 ml per 100kg body weight.

**MANIPUR AGROMET ADVISORY BULLETIN**Date of issue: 5th March, 2019

District: Imphal West

Past weather for the of Imphal West (1st to 4th March, 19)

10.3 mm rainfall was observed during the past four days. The skies mainly clear to partly cloudy but mainly cloudy during afternoon hours of 4th March. Maximum temperature ranged from 21.5 – 25.6 °C and minimum of 4.2 – 12.4 °C. Mean relative humidity of 81.8 % max and 33.5 % min was recorded in the past four days & average wind speed was 2.3 – 6.7 km/ hr.

Weather forecast for Imphal West (6th to 10th March, 2019)

Likely to have light rains during morning hours. The sky will remain mainly cloudy to overcast upto Thursday then clear to partly cloudy thereafter with max. temp. 20-27 °C & mini. temp. 9-12 °C. Relative humidity may reach upto 97 % (max) and 79 % (min). The average wind speed may be 4-6 km/hr.

*** General Advisories:**

- Sprays mentioned below/ harvesting of mature crops/ inter-culture operations/ weeding may be done after rains.

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 and increase water level after the plants are established.
Rapeseed/ Mustard	Maturity to harvesting		- Harvest the crops when 75% of the siliquae mature. It must be harvested during morning before drying of dew to avoid shattering of pods. - 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.
Rabi Maize	Vegetative		- To control stem borer in maize, apply few granules of Carbofuran 3G at maize whorl. 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.
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.
Ginger/ Turmeric	Land preparation to planting		- Apply 1 t FYM, 65 kg Urea, 375 kg SSP and 80 kg MOP during land preparation for planting. - Sort out healthy mother rhizome of 25-30g weight and plant at a spacing of 1 ft x 1 ft. Treat the seed rhizome with Captan (@ 2g/ lit water) or Mencozeb (@ 3g/ lit of water) for 15-20 minutes and keep under shed before planting.
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	Vaccinate against Ranikhet disease.
		Coccidiosis	Give 1gm Amprolium Powder in 1 litre of drinking water for 5-7 days.
		Gumboro	- Gumboro disease vaccine (@ 1drop/ bird in eye) when the bird is 14 days old.
Sheep/ Goat	All new born animals	Deworming	Give Albendazole @25 ml per 100kg body weight.
Pig	All age groups except the young ones	Deworming	Give Albendazole Plus Avermectin Table 6 mg/adult.
		Coccidial infection	Ofloxacin/ Ornidazole (O ₂) tab twice daily for 5 days.
Cattle	All age groups	Tick	Use Butox liquid @ 2ml/ litre water twice a week while brushing animals.
	All new born animals	Deworming	Give Albendazole @30 ml per 100kg body weight.

**MANIPUR AGROMET ADVISORY BULLETIN**Date of issue: 5th March, 2019*District: Tamenglong***Past weather for the of Imphal West (1st to 4th March, 19)**

10.3 mm rainfall was observed during the past four days. The skies mainly clear to partly cloudy but mainly cloudy during afternoon hours of 4th March. Maximum temperature ranged from 21.5 – 25.6 °C and minimum of 4.2 – 12.4 °C. Mean relative humidity of 81.8 % max and 33.5 % min was recorded in the past four days & average wind speed was 2.3 – 6.7 km/ hr.

Weather forecast for Senapati (6th to 10th March, 2019)

Likely to have light rains during morning hours. The sky will remain mainly cloudy to overcast upto Thursday then clear to partly cloudy thereafter with max. temp. 19-26 °C & mini. temp. 9-12 °C. Relative humidity may reach upto 98 % (max) and 68 % (min). The average wind speed may be 5-6 km/hr.

*** General Advisories:**

- Sprays mentioned below/ harvesting of mature crops/ inter-culture operations/ weeding may be done after rains.

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 and increase water level after the plants are established.
Rapeseed/ Mustard	Maturity to harvesting		- Harvest the crops when 75% of the siliquae mature. It must be harvested during morning before drying of dew to avoid shattering of pods. - 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.
Rabi Maize	Vegetative		- To control stem borer in maize, apply few granules of Carbofuran 3G at maize whorl. 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	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.
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.
Ginger/ Turmeric	Land preparation to planting		- Apply 1 t FYM, 65 kg Urea, 375 kg SSP and 80 kg MOP during land preparation for planting. - Sort out healthy mother rhizome of 25-30g weight and plant at a spacing of 1 ft x 1 ft. Treat the seed rhizome with Captan (@ 2g/ lit water) or Mencozeb (@ 3g/ lit of water) for 15-20 minutes and keep under shed before planting.
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	Vaccinate against Ranikhet disease.
		Coccidiosis	Give 1gm Amprolium Powder in 1 litre of drinking water for 5-7 days.
		Gumboro	- Gumboro disease vaccine (@ 1drop/ bird in eye) when the bird is 14 days old.
Sheep/ Goat	All new born animals	Deworming	Give Albendazole @25 ml per 100kg body weight.
Pig	All age groups except the young ones	Deworming	Give Albendazole Plus Avermectin Table 6 mg/adult.
		Coccidial infection	Ofloxacin/ Ornidazole (O ₂) tab twice daily for 5 days.
Cattle	All age groups	Tick	Use Butox liquid @ 2ml/ litre water twice a week while brushing animals.
	All new born animals	Deworming	Give Albendazole @30 ml per 100kg body weight.

**MANIPUR AGROMET ADVISORY BULLETIN**Date of issue: 5th March, 2019*District: Tamenglong***Past weather for the of Imphal West (1st to 4th March, 19)**

10.3 mm rainfall was observed during the past four days. The skies mainly clear to partly cloudy but mainly cloudy during afternoon hours of 4th March. Maximum temperature ranged from 21.5 – 25.6 °C and minimum of 4.2 – 12.4 °C. Mean relative humidity of 81.8 % max and 33.5 % min was recorded in the past four days & average wind speed was 2.3 – 6.7 km/ hr.

Weather forecast for Tamenglong (6th to 10th March, 2019)

Likely to have light rains during morning hours. The sky will remain mainly cloudy to overcast upto Thursday then clear to partly cloudy thereafter with max. temp. 19-26 °C & mini. temp. 9-12 °C. Relative humidity may reach upto 98 % (max) and 79 % (min). The average wind speed may be 4-5 km/hr.

*** General Advisories:**

- Sprays mentioned below/ harvesting of mature crops/ inter-culture operations/ weeding may be done after rains.

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 and increase water level after the plants are established.
Rapeseed/ Mustard	Maturity to harvesting		- Harvest the crops when 75% of the siliquae mature. It must be harvested during morning before drying of dew to avoid shattering of pods. - 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.
Rabi Maize	Vegetative		- To control stem borer in maize, apply few granules of Carbofuran 3G at maize whorl. 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	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.
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.
Ginger/ Turmeric	Land preparation to planting		- Apply 1 t FYM, 65 kg Urea, 375 kg SSP and 80 kg MOP during land preparation for planting. - Sort out healthy mother rhizome of 25-30g weight and plant at a spacing of 1 ft x 1 ft. Treat the seed rhizome with Captan (@ 2g/ lit water) or Mencozeb (@ 3g/ lit of water) for 15-20 minutes and keep under shed before planting.
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	Vaccinate against Ranikhet disease.
		Coccidiosis	Give 1gm Amprolium Powder in 1 litre of drinking water for 5-7 days.
		Gumboro	- Gumboro disease vaccine (@ 1drop/ bird in eye) when the bird is 14 days old.
Sheep/ Goat	All new born animals	Deworming	Give Albendazole @25 ml per 100kg body weight.
Pig	All age groups except the young ones	Deworming	Give Albendazole Plus Avermectin Table 6 mg/adult.
		Coccidial infection	Ofloxacin/ Ornidazole (O ₂) tab twice daily for 5 days.
Cattle	All age groups	Tick	Use Butox liquid @ 2ml/ litre water twice a week while brushing animals.
	All new born animals	Deworming	Give Albendazole @30 ml per 100kg body weight.

**MANIPUR AGROMET ADVISORY BULLETIN**Date of issue: 5th March, 2019*District: Thoubal***Past weather for the of Imphal West (1st to 4th March, 19)**

10.3 mm rainfall was observed during the past four days. The skies mainly clear to partly cloudy but mainly cloudy during afternoon hours of 4th March. Maximum temperature ranged from 21.5 – 25.6 °C and minimum of 4.2 – 12.4 °C. Mean relative humidity of 81.8 % max and 33.5 % min was recorded in the past four days & average wind speed was 2.3 – 6.7 km/ hr.

Weather forecast for Thoubal (6th to 10th March, 2019)

Likely to have light rains during morning hours. The sky will remain mainly cloudy to overcast upto Thursday then clear to partly cloudy thereafter with max. temp. 20-27 °C & mini. temp. 9-12 °C. Relative humidity may reach upto 96 % (max) and 87 % (min). The average wind speed may be 5-10 km/hr.

*** General Advisories:**

- Sprays mentioned below/ harvesting of mature crops/ inter-culture operations/ weeding may be done after rains.

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 and increase water level after the plants are established.
Rapeseed/ Mustard	Maturity to harvesting		- Harvest the crops when 75% of the siliquae mature. It must be harvested during morning before drying of dew to avoid shattering of pods. - 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.
Rabi Maize	Vegetative		- To control stem borer in maize, apply few granules of Carbofuran 3G at maize whorl. 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	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.
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.
Ginger/ Turmeric	Land preparation to planting		- Apply 1 t FYM, 65 kg Urea, 375 kg SSP and 80 kg MOP during land preparation for planting. - Sort out healthy mother rhizome of 25-30g weight and plant at a spacing of 1 ft x 1 ft. Treat the seed rhizome with Captan (@ 2g/ lit water) or Mencozeb (@ 3g/ lit of water) for 15-20 minutes and keep under shed before planting.
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	Vaccinate against Ranikhet disease.
		Coccidiosis	Give 1gm Amprolium Powder in 1 litre of drinking water for 5-7 days.
		Gumboro	- Gumboro disease vaccine (@ 1drop/ bird in eye) when the bird is 14 days old.
Sheep/ Goat	All new born animals	Deworming	Give Albendazole @25 ml per 100kg body weight.
Pig	All age groups except the young ones	Deworming	Give Albendazole Plus Avermectin Table 6 mg/adult.
		Coccidial infection	Ofloxacin/ Ornidazole (O ₂) tab twice daily for 5 days.
Cattle	All age groups	Tick	Use Butox liquid @ 2ml/ litre water twice a week while brushing animals.
	All new born animals	Deworming	Give Albendazole @30 ml per 100kg body weight.

**MANIPUR AGROMET ADVISORY BULLETIN**Date of issue: 5th March, 2019

District: Ukhrul

Past weather for the of Imphal West (1st to 4th March, 19)

10.3 mm rainfall was observed during the past four days. The skies mainly clear to partly cloudy but mainly cloudy during afternoon hours of 4th March. Maximum temperature ranged from 21.5 – 25.6 °C and minimum of 4.2 – 12.4 °C. Mean relative humidity of 81.8 % max and 33.5 % min was recorded in the past four days & average wind speed was 2.3 – 6.7 km/ hr.

Weather forecast for Ukhrul (6th to 10th March, 2019)

Likely to have light rains during morning hours. The sky will remain mainly cloudy to overcast upto Thursday then clear to partly cloudy thereafter with max. temp. 19-26 °C & mini. temp. 9-12 °C. Relative humidity may reach upto 98 % (max) and 62 % (min). The average wind speed may be 4-7 km/hr.

*** General Advisories:**

- Sprays mentioned below/ harvesting of mature crops/ inter-culture operations/ weeding may be done after rains.

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 and increase water level after the plants are established.
Rapeseed/ Mustard	Maturity to harvesting		- Harvest the crops when 75% of the siliquae mature. It must be harvested during morning before drying of dew to avoid shattering of pods. - 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.
Rabi Maize	Vegetative		- To control stem borer in maize, apply few granules of Carbofuran 3G at maize whorl. 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	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.
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.
Ginger/ Turmeric	Land preparation to planting		- Apply 1 t FYM, 65 kg Urea, 375 kg SSP and 80 kg MOP during land preparation for planting. - Sort out healthy mother rhizome of 25-30g weight and plant at a spacing of 1 ft x 1 ft. Treat the seed rhizome with Captan (@ 2g/ lit water) or Mencozeb (@ 3g/ lit of water) for 15-20 minutes and keep under shed before planting.
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	Vaccinate against Ranikhet disease.
		Coccidiosis	Give 1gm Amprolium Powder in 1 litre of drinking water for 5-7 days.
		Gumboro	- Gumboro disease vaccine (@ 1drop/ bird in eye) when the bird is 14 days old.
Sheep/ Goat	All new born animals	Deworming	Give Albendazole @25 ml per 100kg body weight.
Pig	All age groups except the young ones	Deworming	Give Albendazole Plus Avermectin Table 6 mg/adult.
		Coccidial infection	Ofloxacin/ Ornidazole (O ₂) tab twice daily for 5 days.
Cattle	All age groups	Tick	Use Butox liquid @ 2ml/ litre water twice a week while brushing animals.
	All new born animals	Deworming	Give Albendazole @30 ml per 100kg body weight.

**MANIPUR AGROMET ADVISORY BULLETIN**Date of issue: 5th March, 2019*District: Bishnupur***Past weather for the of Imphal West (1st to 4th March, 19)**

10.3 mm rainfall was observed during the past four days. The skies mainly clear to partly cloudy but mainly cloudy during afternoon hours of 4th March. Maximum temperature ranged from 21.5 – 25.6 °C and minimum of 4.2 – 12.4 °C. Mean relative humidity of 81.8 % max and 33.5 % min was recorded in the past four days & average wind speed was 2.3 – 6.7 km/ hr.

Weather forecast for Bishnupur (6th to 10th March, 2019)

Likely to have light rains during morning hours. The sky will remain mainly cloudy to overcast upto Thursday then clear to partly cloudy thereafter with max. temp. 20-27 °C & mini. temp. 9-12 °C. Relative humidity may reach upto 97 % (max) and 90 % (min). The average wind speed may be 3-6 km/hr.

*** General Advisories:**

- Sprays mentioned below/ harvesting of mature crops/ inter-culture operations/ weeding may be done after rains.

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 and increase water level after the plants are established.
Rapeseed/ Mustard	Maturity to harvesting		- Harvest the crops when 75% of the siliquae mature. It must be harvested during morning before drying of dew to avoid shattering of pods. - 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.
Rabi Maize	Vegetative		- To control stem borer in maize, apply few granules of Carbofuran 3G at maize whorl. 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	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.
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.
Ginger/ Turmeric	Land preparation to planting		- Apply 1 t FYM, 65 kg Urea, 375 kg SSP and 80 kg MOP during land preparation for planting. - Sort out healthy mother rhizome of 25-30g weight and plant at a spacing of 1 ft x 1 ft. Treat the seed rhizome with Captan (@ 2g/ lit water) or Mencozeb (@ 3g/ lit of water) for 15-20 minutes and keep under shed before planting.
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	Vaccinate against Ranikhet disease.
		Coccidiosis	Give 1gm Amprolium Powder in 1 litre of drinking water for 5-7 days.
		Gumboro	- Gumboro disease vaccine (@ 1drop/ bird in eye) when the bird is 14 days old.
Sheep/ Goat	All new born animals	Deworming	Give Albendazole @25 ml per 100kg body weight.
Pig	All age groups except the young ones	Deworming	Give Albendazole Plus Avermectin Table 6 mg/adult.
		Coccidial infection	Ofloxacin/ Ornidazole (O ₂) tab twice daily for 5 days.
Cattle	All age groups	Tick	Use Butox liquid @ 2ml/ litre water twice a week while brushing animals.
	All new born animals	Deworming	Give Albendazole @30 ml per 100kg body weight.

**MANIPUR AGROMET ADVISORY BULLETIN**Date of issue: 5th March, 2019*District: Chandel***Past weather for the of Imphal West (1st to 4th March, 19)**

10.3 mm rainfall was observed during the past four days. The skies mainly clear to partly cloudy but mainly cloudy during afternoon hours of 4th March. Maximum temperature ranged from 21.5 – 25.6 °C and minimum of 4.2 – 12.4 °C. Mean relative humidity of 81.8 % max and 33.5 % min was recorded in the past four days & average wind speed was 2.3 – 6.7 km/ hr.

Weather forecast for Chandel (6th to 10th March, 2019)

Likely to have light rains during morning hours. The sky will remain mainly cloudy to overcast upto Thursday then clear to partly cloudy thereafter with max. temp. 20-27 °C & mini. temp. 9-12 °C. Relative humidity may reach upto 97 % (max) and 85 % (min). The average wind speed may be 4-8 km/hr.

*** General Advisories:**

- Sprays mentioned below/ harvesting of mature crops/ inter-culture operations/ weeding may be done after rains.

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 and increase water level after the plants are established.
Rapeseed/ Mustard	Maturity to harvesting		- Harvest the crops when 75% of the siliquae mature. It must be harvested during morning before drying of dew to avoid shattering of pods. - 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.
Rabi Maize	Vegetative		- To control stem borer in maize, apply few granules of Carbofuran 3G at maize whorl. 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	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.
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.
Ginger/ Turmeric	Land preparation to planting		- Apply 1 t FYM, 65 kg Urea, 375 kg SSP and 80 kg MOP during land preparation for planting. - Sort out healthy mother rhizome of 25-30g weight and plant at a spacing of 1 ft x 1 ft. Treat the seed rhizome with Captan (@ 2g/ lit water) or Mencozeb (@ 3g/ lit of water) for 15-20 minutes and keep under shed before planting.
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	Vaccinate against Ranikhet disease.
		Coccidiosis	Give 1gm Amprolium Powder in 1 litre of drinking water for 5-7 days.
		Gumboro	- Gumboro disease vaccine (@ 1drop/ bird in eye) when the bird is 14 days old.
Sheep/ Goat	All new born animals	Deworming	Give Albendazole @25 ml per 100kg body weight.
Pig	All age groups except the young ones	Deworming	Give Albendazole Plus Avermectin Table 6 mg/adult.
		Coccidial infection	Ofloxacin/ Ornidazole (O ₂) tab twice daily for 5 days.
Cattle	All age groups	Tick	Use Butox liquid @ 2ml/ litre water twice a week while brushing animals.
	All new born animals	Deworming	Give Albendazole @30 ml per 100kg body weight.

**MANIPUR AGROMET ADVISORY BULLETIN**Date of issue: 5th March, 2019*District: Churachandpur***Past weather for the of Imphal West (1st to 4th March, 19)**

10.3 mm rainfall was observed during the past four days. The skies mainly clear to partly cloudy but mainly cloudy during afternoon hours of 4th March. Maximum temperature ranged from 21.5 – 25.6 °C and minimum of 4.2 – 12.4 °C. Mean relative humidity of 81.8 % max and 33.5 % min was recorded in the past four days & average wind speed was 2.3 – 6.7 km/ hr.

Weather forecast for Churachandpur (6th to 10th March, 2019)

Likely to have light rains during morning hours. The sky will remain mainly cloudy to overcast upto Thursday then clear to partly cloudy thereafter with max. temp. 20-27 °C & mini. temp. 9-12 °C. Relative humidity may reach upto 98 % (max) and 94 % (min). The average wind speed may be 3-6 km/hr.

*** General Advisories:**

- Sprays mentioned below/ harvesting of mature crops/ inter-culture operations/ weeding may be done after rains.

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 and increase water level after the plants are established.
Rapeseed/ Mustard	Maturity to harvesting		- Harvest the crops when 75% of the siliquae mature. It must be harvested during morning before drying of dew to avoid shattering of pods. - 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.
Rabi Maize	Vegetative		- To control stem borer in maize, apply few granules of Carbofuran 3G at maize whorl. 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			
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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.
Ginger/ Turmeric	Land preparation to planting		- Apply 1 t FYM, 65 kg Urea, 375 kg SSP and 80 kg MOP during land preparation for planting. - Sort out healthy mother rhizome of 25-30g weight and plant at a spacing of 1 ft x 1 ft. Treat the seed rhizome with Captan (@ 2g/ lit water) or Mencozeb (@ 3g/ lit of water) for 15-20 minutes and keep under shed before planting.
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Sheep/ Goat	All new born animals	Deworming	Give Albendazole @25 ml per 100kg body weight.
Pig	All age groups except the young ones	Deworming	Give Albendazole Plus Avermectin Table 6 mg/adult.
		Coccidial infection	Ofloxacin/ Ornidazole (O ₂) tab twice daily for 5 days.
Cattle	All age groups	Tick	Use Butox liquid @ 2ml/ litre water twice a week while brushing animals.
	All new born animals	Deworming	Give Albendazole @30 ml per 100kg body weight.