

**MANIPUR AGROMET ADVISORY BULLETIN**Date of issue: 1st March, 2019**District: Chandel****Past weather for the of Imphal West (26th to 28th Feb, 19)**

19.3 mm rainfall was observed during the past three days. The skies partly cloudy to overcast. Maximum temperature ranged from 20.1 – 23.0 °C and minimum of 8.5 – 11.7 °C. Mean relative humidity of 91.7 % max and 69.7 % min was recorded in the past three days & average wind speed was 3.4 – 4.2 km/ hr.

Weather forecast for Chandel (2nd to 6th March, 2019)

Likely to have rains on Tuesday and Wednesday. The sky will remain mainly clear to partly cloudy upto Monday thereafter mainly cloudy to overcast with max. temp. 20-22 °C & mini. temp. 10-12 °C. Relative humidity may reach upto 96 % (max) and 23 % (min). The average wind speed may be 4-9 km/hr.

*** General Advisories:**

- Sprays mentioned below and harvesting of mature crops may be done before rains.

Field Crops

Name of the crop	Stage	Pest and disease	Agro-meteorological advisories
Pre-kharif rice	Nursery raising to transplanting		- Before first ploughing, apply well decomposed FYM @10-15 t/ha. After a cross plough, irrigate the field upto 5-7 cm depth. Submerge soil for 15-20 days before planting to obtain weed free plot. -Transplanting of 20-25 days old seedlings may be done.
Potato	Tuber maturity to harvesting		- Cut the haulm at ground level. - Harvest the crop when the skin of the tuber has become firm.
Rapeseed/ Mustard	Maturity to harvesting		- Harvest the crops when the color of leaves, stem & siliqua is pale green to yellow, seeds are dark and produce rattling sound on shaking and 75% of the siliqua 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	Nursery raising to transplanting in open field		- Light watering during morning hours may be done to the nursery as well as transplanted seedlings. - 4-5 leave stage cucurbits seedlings may be transplanted in open field.
Onion/ Garlic	Bulb formation		- During the bulb formation stage, check that the neck portion is not covered with soil. Light hoeing may be done to keep the soil loose enough.
French Bean	Sowing		- Treat seeds with Carbendazim @ 2g/ kg seeds before sowing.
Chilli/ capsicum	Nursery		In chillies and capsicum, spray Carbendazim + Mancozeb (Sixer) @ 2 g per litre of water to control the fungal attack.
Ginger/ Turmeric	Land preparation to planting		- Land preparation for planting of ginger/ turmeric may be started. Mix well decomposed FYM @ 20-25 t/ ha 15 days before planting. - Select disease free seed rhizome. Treat seeds before planting.

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 age groups	Contagious Caprine Pluero-pneumonia	- Vaccinate against Contagious Caprine Pluero-pneumonia intra- dermally.
	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.
		Skin diseases	Protect from skin disease by using Deltamethrin solution @2ml/litre water and bath with the solution.
Cattle	All age groups	Tick	Use Butox liquid @ 2ml/ litre water twice a week while brushing animals.
	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: 1st March, 2019**District: Churachandpur****Past weather for the of Imphal West (26th to 28th Feb, 19)**

19.3 mm rainfall was observed during the past three days. The skies partly cloudy to overcast. Maximum temperature ranged from 20.1 – 23.0 °C and minimum of 8.5 – 11.7 °C. Mean relative humidity of 91.7 % max and 69.7 % min was recorded in the past three days & average wind speed was 3.4 – 4.2 km/ hr.

Weather forecast for Churachandpur (2nd to 6th March, 2019)

Likely to have rains on Tuesday and Wednesday. The sky will remain mainly clear to partly cloudy upto Monday thereafter mainly cloudy to overcast with max. temp. 20-22 °C & mini. temp. 10-12 °C. Relative humidity may reach upto 98 % (max) and 21 % (min). The average wind speed may be 3-6 km/hr.

*** General Advisories:**

- Sprays mentioned below and harvesting of mature crops may be done before rains.

Field Crops			
Name of the crop	Stage	Pest and disease	Agro-meteorological advisories
Pre-kharif rice	Nursery raising to transplanting		- Before first ploughing, apply well decomposed FYM @10-15 t/ha. After a cross plough, irrigate the field upto 5-7 cm depth. Submerge soil for 15-20 days before planting to obtain weed free plot. -Transplanting of 20-25 days old seedlings may be done.
Potato	Tuber maturity to harvesting		- Cut the haulm at ground level. - Harvest the crop when the skin of the tuber has become firm.
Rapeseed/ Mustard	Maturity to harvesting		- Harvest the crops when the color of leaves, stem & siliqua is pale green to yellow, seeds are dark and produce rattling sound on shaking and 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	Nursery raising to transplanting in open field		- Light watering during morning hours may be done to the nursery as well as transplanted seedlings. - 4-5 leave stage cucurbits seedlings may be transplanted in open field.
Onion/ Garlic	Bulb formation		- During the bulb formation stage, check that the neck portion is not covered with soil. Light hoeing may be done to keep the soil loose enough.
French Bean	Sowing		- Treat seeds with Carbendazim @ 2g/ kg seeds before sowing.
Chilli/ capsicum	Nursery		In chillies and capsicum, spray Carbendazim + Mancozeb (Sixer) @ 2 g per litre of water to control the fungal attack.
Ginger/ Turmeric	Land preparation to planting		- Land preparation for planting of ginger/ turmeric may be started. Mix well decomposed FYM @ 20-25 t/ ha 15 days before planting. - Select disease free seed rhizome. Treat seeds before planting.
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 age groups	Contagious Caprine Pluero-pneumonia	- Vaccinate against Contagious Caprine Pluero-pneumonia intra- dermally.
	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.
		Skin diseases	Protect from skin disease by using Deltamethrin solution @2ml/litre water and bath with the solution.
Cattle	All age groups	Tick	Use Butox liquid @ 2ml/ litre water twice a week while brushing animals.
	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: 1st March, 2019**District: Imphal East****Past weather for the of Imphal West (26th to 28th Feb, 19)**

19.3 mm rainfall was observed during the past three days. The skies partly cloudy to overcast. Maximum temperature ranged from 20.1 – 23.0 °C and minimum of 8.5 – 11.7 °C. Mean relative humidity of 91.7 % max and 69.7 % min was recorded in the past three days & average wind speed was 3.4 – 4.2 km/ hr.

Weather forecast for Imphal East (2nd to 6th March, 2019)

Likely to have rains on Tuesday and Wednesday. The sky will remain mainly clear to partly cloudy upto Monday thereafter mainly cloudy to overcast with max. temp. 20-22 °C & mini. temp. 10-12 °C. Relative humidity may reach upto 93 % (max) and 19 % (min). The average wind speed may be 5-8 km/hr.

*** General Advisories:**

- Sprays mentioned below and harvesting of mature crops may be done before rains.

Field Crops			
Name of the crop	Stage	Pest and disease	Agro-meteorological advisories
Pre-kharif rice	Nursery raising to transplanting		- Before first ploughing, apply well decomposed FYM @10-15 t/ha. After a cross plough, irrigate the field upto 5-7 cm depth. Submerge soil for 15-20 days before planting to obtain weed free plot. -Transplanting of 20-25 days old seedlings may be done.
Potato	Tuber maturity to harvesting		- Cut the haulm at ground level. - Harvest the crop when the skin of the tuber has become firm.
Rapeseed/ Mustard	Maturity to harvesting		- Harvest the crops when the color of leaves, stem & siliqua is pale green to yellow, seeds are dark and produce rattling sound on shaking and 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	Nursery raising to transplanting in open field		- Light watering during morning hours may be done to the nursery as well as transplanted seedlings. - 4-5 leave stage cucurbits seedlings may be transplanted in open field.
Onion/ Garlic	Bulb formation		- During the bulb formation stage, check that the neck portion is not covered with soil. Light hoeing may be done to keep the soil loose enough.
French Bean	Sowing		- Treat seeds with Carbendazim @ 2g/ kg seeds before sowing.
Chilli/ capsicum	Nursery		In chillies and capsicum, spray Carbendazim + Mancozeb (Sixer) @ 2 g per litre of water to control the fungal attack.
Ginger/ Turmeric	Land preparation to planting		- Land preparation for planting of ginger/ turmeric may be started. Mix well decomposed FYM @ 20-25 t/ ha 15 days before planting. - Select disease free seed rhizome. Treat seeds before planting.
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 age groups	Contagious Caprine Pluero-pneumonia	- Vaccinate against Contagious Caprine Pluero-pneumonia intra- dermally.
	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.
		Skin diseases	Protect from skin disease by using Deltamethrin solution @2ml/litre water and bath with the solution.
Cattle	All age groups	Tick	Use Butox liquid @ 2ml/ litre water twice a week while brushing animals.
	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: 1st March, 2019**District: Imphal West****Past weather for the of Imphal West (26th to 28th Feb, 19)**

19.3 mm rainfall was observed during the past three days. The skies partly cloudy to overcast. Maximum temperature ranged from 20.1 – 23.0 °C and minimum of 8.5 – 11.7 °C. Mean relative humidity of 91.7 % max and 69.7 % min was recorded in the past three days & average wind speed was 3.4 – 4.2 km/ hr.

Weather forecast for Imphal West (2nd to 6th March, 2019)

Likely to have rains on Tuesday and Wednesday. The sky will remain mainly clear to partly cloudy upto Monday thereafter mainly cloudy to overcast with max. temp. 20-22 °C & mini. temp. 10-12 °C. Relative humidity may reach upto 96 % (max) and 47 % (min). The average wind speed may be 4-5 km/hr.

*** General Advisories:**

- Sprays mentioned below and harvesting of mature crops may be done before rains.

Field Crops

Name of the crop	Stage	Pest and disease	Agro-meteorological advisories
Pre-kharif rice	Nursery raising to transplanting		- Before first ploughing, apply well decomposed FYM @10-15 t/ha. After a cross plough, irrigate the field upto 5-7 cm depth. Submerge soil for 15-20 days before planting to obtain weed free plot. -Transplanting of 20-25 days old seedlings may be done.
Potato	Tuber maturity to harvesting		- Cut the haulm at ground level. - Harvest the crop when the skin of the tuber has become firm.
Rapeseed/ Mustard	Maturity to harvesting		- Harvest the crops when the color of leaves, stem & siliqua is pale green to yellow, seeds are dark and produce rattling sound on shaking and 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	Nursery raising to transplanting in open field		- Light watering during morning hours may be done to the nursery as well as transplanted seedlings. - 4-5 leave stage cucurbits seedlings may be transplanted in open field.
Onion/ Garlic	Bulb formation		- During the bulb formation stage, check that the neck portion is not covered with soil. Light hoeing may be done to keep the soil loose enough.
French Bean	Sowing		- Treat seeds with Carbendazim @ 2g/ kg seeds before sowing.
Chilli/ capsicum	Nursery		In chillies and capsicum, spray Carbendazim + Mancozeb (Sixer) @ 2 g per litre of water to control the fungal attack.
Ginger/ Turmeric	Land preparation to planting		- Land preparation for planting of ginger/ turmeric may be started. Mix well decomposed FYM @ 20-25 t/ ha 15 days before planting. - Select disease free seed rhizome. Treat seeds before planting.

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 age groups	Contagious Caprine Pluero-pneumonia	- Vaccinate against Contagious Caprine Pluero-pneumonia intra- dermally.
	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.
		Skin diseases	Protect from skin disease by using Deltamethrin solution @2ml/litre water and bath with the solution.
Cattle	All age groups	Tick	Use Butox liquid @ 2ml/ litre water twice a week while brushing animals.
	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: 1st March, 2019*District: Senapati***Past weather for the of Imphal West (26th to 28th Feb, 19)**

19.3 mm rainfall was observed during the past three days. The skies partly cloudy to overcast. Maximum temperature ranged from 20.1 – 23.0 °C and minimum of 8.5 – 11.7 °C. Mean relative humidity of 91.7 % max and 69.7 % min was recorded in the past three days & average wind speed was 3.4 – 4.2 km/ hr.

Weather forecast for Senapati (2nd to 6th March, 2019)

Likely to have rains on Tuesday and Wednesday. The sky will remain mainly clear to partly cloudy upto Monday thereafter mainly cloudy to overcast with max. temp. 18-21 °C & mini. temp. 8-10 °C. Relative humidity may reach upto 96 % (max) and 22 % (min). The average wind speed may be 4-6 km/hr.

*** General Advisories:**

- Sprays mentioned below and harvesting of mature crops may be done before rains.

Field Crops

Name of the crop	Stage	Pest and disease	Agro-meteorological advisories
Pre-kharif rice	Nursery raising to transplanting		- Before first ploughing, apply well decomposed FYM @10-15 t/ha. After a cross plough, irrigate the field upto 5-7 cm depth. Submerge soil for 15-20 days before planting to obtain weed free plot. -Transplanting of 20-25 days old seedlings may be done.
Potato	Tuber maturity to harvesting		- Cut the haulm at ground level. - Harvest the crop when the skin of the tuber has become firm.
Rapeseed/ Mustard	Maturity to harvesting		- Harvest the crops when the color of leaves, stem & siliquea is pale green to yellow, seeds are dark and produce rattling sound on shaking and 75% of the siliquea 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	Nursery raising to transplanting in open field		- Light watering during morning hours may be done to the nursery as well as transplanted seedlings. - 4-5 leave stage cucurbits seedlings may be transplanted in open field.
Onion/ Garlic	Bulb formation		- During the bulb formation stage, check that the neck portion is not covered with soil. Light hoeing may be done to keep the soil loose enough.
French Bean	Sowing		- Treat seeds with Carbendazim @ 2g/ kg seeds before sowing.
Chilli/ capsicum	Nursery		In chillies and capsicum, spray Carbendazim + Mancozeb (Sixer) @ 2 g per litre of water to control the fungal attack.
Ginger/ Turmeric	Land preparation to planting		- Land preparation for planting of ginger/ turmeric may be started. Mix well decomposed FYM @ 20-25 t/ ha 15 days before planting. - Select disease free seed rhizome. Treat seeds before planting.

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 age groups	Contagious Caprine Pluero-pneumonia	- Vaccinate against Contagious Caprine Pluero-pneumonia intra- dermally.
	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.
		Skin diseases	Protect from skin disease by using Deltamethrin solution @2ml/litre water and bath with the solution.
Cattle	All age groups	Tick	Use Butox liquid @ 2ml/ litre water twice a week while brushing animals.
	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: 1st March, 2019**District: Tamenglong****Past weather for the of Imphal West (26th to 28th Feb, 19)**

19.3 mm rainfall was observed during the past three days. The skies partly cloudy to overcast. Maximum temperature ranged from 20.1 – 23.0 °C and minimum of 8.5 – 11.7 °C. Mean relative humidity of 91.7 % max and 69.7 % min was recorded in the past three days & average wind speed was 3.4 – 4.2 km/ hr.

Weather forecast for Tamenglong (2nd to 6th March, 2019)

Likely to have rains on Tuesday and Wednesday. The sky will remain mainly clear to partly cloudy upto Monday thereafter mainly cloudy to overcast with max. temp. 18-21 °C & mini. temp. 8-10 °C. Relative humidity may reach upto 97 % (max) and 23 % (min). The average wind speed may be 3-5 km/hr.

*** General Advisories:**

- Sprays mentioned below and harvesting of mature crops may be done before rains.

Field Crops			
Name of the crop	Stage	Pest and disease	Agro-meteorological advisories
Pre-kharif rice	Nursery raising to transplanting		- Before first ploughing, apply well decomposed FYM @10-15 t/ha. After a cross plough, irrigate the field upto 5-7 cm depth. Submerge soil for 15-20 days before planting to obtain weed free plot. -Transplanting of 20-25 days old seedlings may be done.
Potato	Tuber maturity to harvesting		- Cut the haulm at ground level. - Harvest the crop when the skin of the tuber has become firm.
Rapeseed/ Mustard	Maturity to harvesting		- Harvest the crops when the color of leaves, stem & siliqua is pale green to yellow, seeds are dark and produce rattling sound on shaking and 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	Nursery raising to transplanting in open field		- Light watering during morning hours may be done to the nursery as well as transplanted seedlings. - 4-5 leave stage cucurbits seedlings may be transplanted in open field.
Onion/ Garlic	Bulb formation		- During the bulb formation stage, check that the neck portion is not covered with soil. Light hoeing may be done to keep the soil loose enough.
French Bean	Sowing		- Treat seeds with Carbendazim @ 2g/ kg seeds before sowing.
Chilli/ capsicum	Nursery		In chillies and capsicum, spray Carbendazim + Mancozeb (Sixer) @ 2 g per litre of water to control the fungal attack.
Ginger/ Turmeric	Land preparation to planting		- Land preparation for planting of ginger/ turmeric may be started. Mix well decomposed FYM @ 20-25 t/ ha 15 days before planting. - Select disease free seed rhizome. Treat seeds before planting.
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 age groups	Contagious Caprine Pluero-pneumonia	- Vaccinate against Contagious Caprine Pluero-pneumonia intra- dermally.
	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.
		Skin diseases	Protect from skin disease by using Deltamethrin solution @2ml/litre water and bath with the solution.
Cattle	All age groups	Tick	Use Butox liquid @ 2ml/ litre water twice a week while brushing animals.
	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: 1st March, 2019**District: Thoubal****Past weather for the of Imphal West (26th to 28th Feb, 19)**

19.3 mm rainfall was observed during the past three days. The skies partly cloudy to overcast. Maximum temperature ranged from 20.1 – 23.0 °C and minimum of 8.5 – 11.7 °C. Mean relative humidity of 91.7 % max and 69.7 % min was recorded in the past three days & average wind speed was 3.4 – 4.2 km/ hr.

Weather forecast for Thoubal (2nd to 6th March, 2019)

Likely to have rains on Tuesday and Wednesday. The sky will remain mainly clear to partly cloudy upto Monday thereafter mainly cloudy to overcast with max. temp. 20-22 °C & min. temp. 10-12 °C. Relative humidity may reach upto 97 % (max) and 18 % (min). The average wind speed may be 5-10 km/hr.

*** General Advisories:**

- Sprays mentioned below and harvesting of mature crops may be done before rains.

Field Crops			
Name of the crop	Stage	Pest and disease	Agro-meteorological advisories
Pre-kharif rice	Nursery raising to transplanting		- Before first ploughing, apply well decomposed FYM @10-15 t/ha. After a cross plough, irrigate the field upto 5-7 cm depth. Submerge soil for 15-20 days before planting to obtain weed free plot. -Transplanting of 20-25 days old seedlings may be done.
Potato	Tuber maturity to harvesting		- Cut the haulm at ground level. - Harvest the crop when the skin of the tuber has become firm.
Rapeseed/ Mustard	Maturity to harvesting		- Harvest the crops when the color of leaves, stem & siliqua is pale green to yellow, seeds are dark and produce rattling sound on shaking and 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	Nursery raising to transplanting in open field		- Light watering during morning hours may be done to the nursery as well as transplanted seedlings. - 4-5 leave stage cucurbits seedlings may be transplanted in open field.
Onion/ Garlic	Bulb formation		- During the bulb formation stage, check that the neck portion is not covered with soil. Light hoeing may be done to keep the soil loose enough.
French Bean	Sowing		- Treat seeds with Carbendazim @ 2g/ kg seeds before sowing.
Chilli/ capsicum	Nursery		In chillies and capsicum, spray Carbendazim + Mancozeb (Sixer) @ 2 g per litre of water to control the fungal attack.
Ginger/ Turmeric	Land preparation to planting		- Land preparation for planting of ginger/ turmeric may be started. Mix well decomposed FYM @ 20-25 t/ ha 15 days before planting. - Select disease free seed rhizome. Treat seeds before planting.

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 age groups	Contagious Caprine Pluero-pneumonia	- Vaccinate against Contagious Caprine Pluero-pneumonia intra- dermally.
	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.
		Skin diseases	Protect from skin disease by using Deltamethrin solution @2ml/litre water and bath with the solution.
Cattle	All age groups	Tick	Use Butox liquid @ 2ml/ litre water twice a week while brushing animals.
	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: 1st March, 2019

District: Ukhrul

Past weather for the of Imphal West (26th to 28th Feb, 19)

19.3 mm rainfall was observed during the past three days. The skies partly cloudy to overcast. Maximum temperature ranged from 20.1 – 23.0 °C and minimum of 8.5 – 11.7 °C. Mean relative humidity of 91.7 % max and 69.7 % min was recorded in the past three days & average wind speed was 3.4 – 4.2 km/ hr.

Weather forecast for Ukhrul (2nd to 6th March, 2019)

Likely to have rains on Tuesday and Wednesday. The sky will remain mainly clear to partly cloudy upto Monday thereafter mainly cloudy to overcast with max. temp. 18-20 °C & min. temp. 8-10 °C. Relative humidity may reach upto 96 % (max) and 22 % (min). The average wind speed may be 4-7 km/hr.

*** General Advisories:**

- Sprays mentioned below and harvesting of mature crops may be done before rains.

Field Crops			
Name of the crop	Stage	Pest and disease	Agro-meteorological advisories
Pre-kharif rice	Nursery raising to transplanting		- Before first ploughing, apply well decomposed FYM @10-15 t/ha. After a cross plough, irrigate the field upto 5-7 cm depth. Submerge soil for 15-20 days before planting to obtain weed free plot. -Transplanting of 20-25 days old seedlings may be done.
Potato	Tuber maturity to harvesting		- Cut the haulm at ground level. - Harvest the crop when the skin of the tuber has become firm.
Rapeseed/ Mustard	Maturity to harvesting		- Harvest the crops when the color of leaves, stem & siliqua is pale green to yellow, seeds are dark and produce rattling sound on shaking and 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	Nursery raising to transplanting in open field		- Light watering during morning hours may be done to the nursery as well as transplanted seedlings. - 4-5 leave stage cucurbits seedlings may be transplanted in open field.
Onion/ Garlic	Bulb formation		- During the bulb formation stage, check that the neck portion is not covered with soil. Light hoeing may be done to keep the soil loose enough.
French Bean	Sowing		- Treat seeds with Carbendazim @ 2g/ kg seeds before sowing.
Chilli/ capsicum	Nursery		In chillies and capsicum, spray Carbendazim + Mancozeb (Sixer) @ 2 g per litre of water to control the fungal attack.
Ginger/ Turmeric	Land preparation to planting		- Land preparation for planting of ginger/ turmeric may be started. Mix well decomposed FYM @ 20-25 t/ ha 15 days before planting. - Select disease free seed rhizome. Treat seeds before planting.
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 age groups	Contagious Caprine Pluero-pneumonia	- Vaccinate against Contagious Caprine Pluero-pneumonia intra- dermally.
	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.
		Skin diseases	Protect from skin disease by using Deltamethrin solution @2ml/litre water and bath with the solution.
Cattle	All age groups	Tick	Use Butox liquid @ 2ml/ litre water twice a week while brushing animals.
	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: 1st March, 2019**District: Bishnupur****Past weather for the of Imphal West (26th to 28th Feb, 19)**

19.3 mm rainfall was observed during the past three days. The skies partly cloudy to overcast. Maximum temperature ranged from 20.1 – 23.0 °C and minimum of 8.5 – 11.7 °C. Mean relative humidity of 91.7 % max and 69.7 % min was recorded in the past three days & average wind speed was 3.4 – 4.2 km/ hr.

Weather forecast for Bishnupur (2nd to 6th March, 2019)

Likely to have rains on Tuesday and Wednesday. The sky will remain mainly clear to partly cloudy upto Monday thereafter mainly cloudy to overcast with max. temp. 20-22 °C & mini. temp. 10-12 °C. Relative humidity may reach upto 98 % (max) and 22 % (min). The average wind speed may be 3-6 km/hr.

*** General Advisories:**

- Sprays mentioned below and harvesting of mature crops may be done before rains.

Field Crops			
Name of the crop	Stage	Pest and disease	Agro-meteorological advisories
Pre-kharif rice	Nursery raising to transplanting		- Before first ploughing, apply well decomposed FYM @10-15 t/ha. After a cross plough, irrigate the field upto 5-7 cm depth. Submerge soil for 15-20 days before planting to obtain weed free plot. -Transplanting of 20-25 days old seedlings may be done.
Potato	Tuber maturity to harvesting		- Cut the haulm at ground level. - Harvest the crop when the skin of the tuber has become firm.
Rapeseed/ Mustard	Maturity to harvesting		- Harvest the crops when the color of leaves, stem & siliqua is pale green to yellow, seeds are dark and produce rattling sound on shaking and 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	Nursery raising to transplanting in open field		- Light watering during morning hours may be done to the nursery as well as transplanted seedlings. - 4-5 leave stage cucurbits seedlings may be transplanted in open field.
Onion/ Garlic	Bulb formation		- During the bulb formation stage, check that the neck portion is not covered with soil. Light hoeing may be done to keep the soil loose enough.
French Bean	Sowing		- Treat seeds with Carbendazim @ 2g/ kg seeds before sowing.
Chilli/ capsicum	Nursery		In chillies and capsicum, spray Carbendazim + Mancozeb (Sixer) @ 2 g per litre of water to control the fungal attack.
Ginger/ Turmeric	Land preparation to planting		- Land preparation for planting of ginger/ turmeric may be started. Mix well decomposed FYM @ 20-25 t/ ha 15 days before planting. - Select disease free seed rhizome. Treat seeds before planting.
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 age groups	Contagious Caprine Pluero-pneumonia	- Vaccinate against Contagious Caprine Pluero-pneumonia intra- dermally.
	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.
		Skin diseases	Protect from skin disease by using Deltamethrin solution @2ml/litre water and bath with the solution.
Cattle	All age groups	Tick	Use Butox liquid @ 2ml/ litre water twice a week while brushing animals.
	All new born animals	Deworming	Give Albendazole @30 ml per 100kg body weight.

(I. Meghachandra Singh)
Nodal Officer, GKMS