



GRAMIN KRISHI MAUSAM SEWA
ICAR RESEARCH COMPLEX FOR NEH REGION
Nagaland Center, Medziphema-797106
Dimapur, Nagaland

Telephone No: 03862-247241 (O) / Email: amfu.jharnapani@gov.in



| Date: 15.02.19 | District: Kohima | Bulletin No: 14/2019 |
|--|------------------|---|
| Weather of preceding week | | Weather forecast valid upto 20.02.2019 |
| <ul style="list-style-type: none"> Light rain occurred the past week Max and min temperatures ranged 17°C to 18°C and 6°C to 7°C, respectively. Relative humidity varied from 30% to 89%. Wind speed ranged from 5 to 6 kmph | | <ul style="list-style-type: none"> Probability of light rain Max temp is likely to be 21°C - 22°C and min temp 9°C to 10°C Sky is likely to be partly cloudy the coming week Relative Humidity is likely to range from 46% to 72%. Wind speed may reach upto 5-6 kmph Wind may blow from south easterly direction |
| | | Weekly cumulative Rainfall: 11 mm |

WEATHER FORECAST BASED AGROMET ADVISORIES

General Recommendations

Incorporate organic sources of manures (FYM, Vermicompost, Poultry manure, Pig manure, Mixed compost, Neem cake etc.) in to the soil

Always remove from the growing area plant materials that show signs of a disease and destroy them or place them in the trash. Maintaining crop hygiene is an essential step for successful farming.

| Main crop | Growth Stage | Pest/Disease | Weather based Agro-Advisories |
|--------------------------|---|--------------|--|
| TRC/WRC paddy | Storage | | Storage rooms should be physically rodent and bird proof, if possible, place sticky traps in the drying and storage areas for rats. |
| Toria/Mustard | Podding to maturing stage | - | Left over weeds before shading of seeds may be removed to reduce the weed seed bank/spread. Timely harvesting should be done to avoid losses due to shattering |
| Pea | Harvesting stage | | Cautious picking should be done to avoid plant damage Identify proper maturity indices at harvest. |
| Cucurbitaceous vegetable | | | Prepare seedling of Cucurbitaceous vegetable in polythene bag for getting early produce. |
| Khasi mandarin | | | If harvesting is over, water sprout, diseases and dried or dead twigs should be removed and cut end pasted with Bordeaux paste |
| Tomato | Fruiting to harvesting stage | Borer | Tomato plants should be stacked and hand collect and destroy the <i>Helicoverpa</i> larvae. After harvesting, deep ploughing of the crop should be done to expose the pupae |
| Poultry | Litter should be changed periodically and provide clean drinking water and change the water every day. Diseased and dead birds should be immediately removed. Sick birds showing respiratory distress, drooping of head or any other illness should be promptly segregated and the entire flock be treated against the illness. | | |
| Piggery | Vaccinate all newly born piglets against swine fever at the age of 3 months followed by annual booster dose. Keep floor dry to avoid skin diseases | | |
| Fishery | Harvest the fish in pond having less water depth It is advisable to renovate ponds by removing the bottom mud and allow to dry. | | |
| Livestock | For maintaining milk production in milch animals, they should be protected from low temperature. | | |



GRAMIN KRISHI MAUSAM SEWA
ICAR RESEARCH COMPLEX FOR NEH REGION
Nagaland Center, Medziphema-797106
Dimapur, Nagaland



Telephone No: 03862-247241 (O) / Email: amfu.jharnapani@gov.in

| | | |
|--|---------------------------|--|
| Date: 15.02.19 | District: Longleng | Bulletin No: 14/2019 |
| Weather of preceding week | | Weather forecast valid upto 20.02.2019 |
| <ul style="list-style-type: none"> Light rain occurred the past week Max and min temperatures ranged 20⁰C to 21⁰C and 6⁰C to 7⁰C, respectively. Relative humidity varied from 22% to 87%. Wind speed ranged from 4 to 5 kmph | | <ul style="list-style-type: none"> Probability of light rain Max temp is likely to be 23⁰C-25⁰C and min temp 11⁰C to 12⁰C Sky is likely to be partly cloudy the coming week Relative Humidity is likely to range from 46% to 79%. Wind speed may reach upto 4-5 kmph Wind may blow from south easterly direction |
| | | Weekly cumulative Rainfall: 9 mm |

WEATHER FORECAST BASED AGROMET ADVISORIES

General Recommendations

Always remove from the growing area plant materials that show signs of a disease and destroy them or place them in the trash. Maintaining crop hygiene is an essential step for successful farming.

| Main crop | Growth Stage | Pest/Disease | Weather based Agro-Advisories |
|----------------|------------------------------|--------------|--|
| TRC/WRC paddy | Storage | | Keep storage areas, crevices, wooden pallets etc clean by spraying with the recommended insecticide to disinfect insect breeding places. Place sticky traps in the drying and storage areas for rats |
| Toria/Mustard | Harvesting stage | | Left over weeds before shading of seeds may be removed to reduce the weed seed bank/spread. Timely harvesting should be done to avoid losses due to shattering |
| Khasi Mandarin | Harvesting stage | | In the present weather, water sprout, diseases and dried/dead twigs of mandarin should be removed after harvesting and cut end pasted with Bordeaux paste |
| Rajmash | Harvesting stage | | Harvesting should be done timely |
| Cabbage | Maturing to harvesting stage | | The crop is ready for harvest and should be done timely as it may split if not harvested in time and increased incidence of field disease After harvesting, remove the entire stem and root system from the soil to prevent disease buildup |
| Tomato | Fruiting to harvesting stage | Borer | Tomato plants should be stacked and hand collect and destroy the <i>Helicoverpa</i> larvae. After harvesting, deep ploughing of the crop should be done to expose the pupae |
| Poultry | | | Chickens showing flu like symptoms should be treated with antibiotic Vendox, N-dox powder. For prevention it should be given for three days and for treatment give for 5 to 7 days |
| Piggery | | | Give some extra energy to combat heat loss by giving extra carbohydrate |
| Fishery | | | As far as possible do not disturb the pond. Prune the tree branches along the pond embankment and allow enough sunlight to fall on the pond water surface |



GRAMIN KRISHI MAUSAM SEWA
ICAR RESEARCH COMPLEX FOR NEH REGION
Nagaland Center, Medziphema-797106
Dimapur, Nagaland

Telephone No: 03862-247241 (O) / Email: amfu.jharnapani@gov.in



| Date: 15.02.19 | District: Mokokchung | Bulletin No: 14/2019 |
|--|----------------------|--|
| Weather of preceding week | | Weather forecast valid upto 20.02.2019 |
| <ul style="list-style-type: none"> No rain occurred the past week Max and min temperatures ranged 19⁰C to 20⁰C and 9⁰C to 10⁰C, respectively. Relative humidity varied from 23% to 81%. Wind speed ranged from 4 to 5 kmph | | <ul style="list-style-type: none"> Probability of light rain Max temp is likely to be 21⁰C-22⁰C and min temp 11⁰C to 12⁰C Sky is likely to be partly cloudy the coming week Relative Humidity is likely to range from 44% to 80%. Wind speed may reach upto 4-5 kmph Wind may blow from south easterly direction |
| | | Weekly cumulative Rainfall: 21 mm |

WEATHER FORECAST BASED AGROMET ADVISORIES

General Recommendations

Always remove from the growing area plant materials that show signs of a disease and destroy them or place them in the trash. Maintaining crop hygiene is an essential step for successful farming.

| Main crop | Growth Stage | Pest/Disease | Weather based Agro-Advisories |
|----------------|------------------------------|--------------|--|
| TRC/WRC paddy | Storage | | Keep storage areas, crevices, wooden pallets etc clean by spraying with the recommended insecticide to disinfect insect breeding places. Place sticky traps in the drying and storage areas for rats |
| Toria/Mustard | Harvesting stage | | Left over weeds before shading of seeds may be removed to reduce the weed seed bank/spread. Timely harvesting should be done to avoid losses due to shattering |
| Khasi Mandarin | Harvesting stage | | In the present weather, water sprout, diseases and dried/dead twigs of mandarin should be removed after harvesting and cut end pasted with Bordeaux paste |
| Rajmash | Harvesting stage | | Harvesting should be done timely |
| Cabbage | Maturing to harvesting stage | | The crop is ready for harvest and should be done timely as it may split if not harvested in time and increased incidence of field disease After harvesting, remove the entire stem and root system from the soil to prevent disease buildup |
| Tomato | Fruiting to harvesting stage | Borer | Tomato plants should be stacked and hand collect and destroy the <i>Helicoverpa</i> larvae. After harvesting, deep ploughing of the crop should be done to expose the pupae |
| Poultry | | | Chickens showing flu like symptoms should be treated with antibiotic Vendox, N-dox powder. For prevention it should be given for three days and for treatment give for 5 to 7 days |
| Piggery | | | Give some extra energy to combat heat loss by giving extra carbohydrate |
| Fishery | | | As far as possible do not disturb the pond. Prune the tree branches along the pond embankment and allow enough sunlight to fall on the pond water surface |



GRAMIN KRISHI MAUSAM SEWA
ICAR RESEARCH COMPLEX FOR NEH REGION
Nagaland Center, Medziphema-797106
Dimapur, Nagaland



Telephone No: 03862-247241 (O) / Email: amfu.jharnapani@gov.in

| Date: 15.02.19 | District: Mon | Bulletin No: 14/2019 |
|--|---------------|---|
| Weather of preceding week | | Weather forecast valid upto 20.02.2019 |
| <ul style="list-style-type: none"> No rain occurred the past week Max and min temperatures ranged 19⁰C to 20⁰C and 9⁰C to 10⁰C, respectively. Relative humidity varied from 23% to 87%. Wind speed ranged from 4 to 5 kmph | | <ul style="list-style-type: none"> Probability of light rain Max temp is likely to be 21⁰C - 22⁰C and min temp 10⁰C to 11⁰C Sky is likely to be partly cloudy the coming week Relative Humidity is likely to range from 36% to 78%. Wind speed may reach upto 5- 6 kmph Wind may blow from south easterly direction |
| | | Weekly cumulative Rainfall: 9 mm |

General Recommendations

Soils may be mulched with a variety of materials (straw, grass, other beneficial plant materials, etc.) to help retain moisture

Always remove from the growing area plant materials that show signs of a disease and destroy them or place them in the trash. Maintaining crop hygiene is an essential step for successful farming.

WEATHER FORECAST BASED AGROMET ADVISORIES

| Main crop | Growth Stage | Pest/Disease | Weather based Agro-Advisories |
|--------------------------|------------------------------|--------------|---|
| TRC/WRC paddy | Storage | | Inspect the stored seeds once a week for signs of insect infestation. |
| Potato | Tuber initiation stage | | Fungal diseases like blight in potato may occur. Mancozeb (Indofil M-45) @ 2.5gm per liter of water may be sprayed in the potato field at least twice at an interval of 10 days. As precautionary measures field must be inspected twice in a day |
| Toria/Mustard | Maturing to harvesting stage | - | Left over weeds before shading of seeds may be removed to reduce the weed seed bank/spread. Timely harvesting should be done to avoid losses due to shattering |
| Pea | Harvesting stage | | Cautious picking should be done to avoid plant damage Identify proper maturity indices at harvest. |
| Cucurbitaceous vegetable | | | Prepare seedling of Cucurbitaceous vegetable in polythene bag for getting early produce. |
| Rajmash | Harvesting stage | | Timely harvesting should be carried out |
| Poultry | | | Litter should be changed periodically and provide clean drinking water and change the water every day. Diseased and dead birds should be immediately removed |
| Piggery | | | Vaccinate all newly born piglets against swine fever at the age of 3 months followed by annual booster dose. Keep floor dry to avoid skin diseases. |
| Fishery | | | Harvest the fish in pond having less water depth |



GRAMIN KRISHI MAUSAM SEWA
ICAR RESEARCH COMPLEX FOR NEH REGION
Nagaland Center, Medziphema-797106
Dimapur, Nagaland



Telephone No: 03862-247241 (O) / Email: amfu.jharnapani@gov.in

| Date: 15.02.19 | District: Peren | Bulletin No: 14/2019 |
|---|-----------------|---|
| Weather of preceding week | | Weather forecast valid upto 20.02.2019 |
| <ul style="list-style-type: none"> No rain occurred the past week Max and min temperatures ranged 17⁰C to 18⁰C and 5⁰C to 6⁰C, respectively. Relative humidity varied from 22% to 87%. Wind speed ranged from 3 to 4 kmph | | <ul style="list-style-type: none"> Probability of light rain Max temp is likely to be 22⁰C - 24⁰C and min temp 9⁰C to 10⁰C Sky is likely to be partly cloudy the coming week Relative Humidity is likely to range from 27% to 78%. Wind speed may reach upto 4- 5 kmph Wind may blow from mostly easterly direction |
| | | Weekly cumulative Rainfall: 15 mm |

WEATHER FORECAST BASED AGROMET ADVISORIES

General Advisories

Conservation of soil moisture through locally available materials in all the crops.

Utilization of harvested water stored in various structures like Jalkund is recommended through drip and sprinkler irrigation system

Always remove from the growing area plant materials that show signs of a disease and destroy them or place them in the trash. Maintaining crop hygiene is an essential step for successful farming.

| Main crop | Growth Stage | Pest/Disease | Weather based Agro-Advisories |
|--------------------------|--|--------------|--|
| TRC/WRC paddy | Storage | | Keep storage areas, crevices, wooden pallets etc clean by spraying with the recommended insecticide to disinfect insect breeding places. Place sticky traps in the drying and storage areas for rats |
| Toria/Mustard | Maturing stage | Leaf feeders | Left over weeds before shading of seeds may be removed to reduce the weed seed bank/spread. |
| Assam lemon/Citrus | | | In the present weather, water sprout, diseases and dried/dead twigs of mandarin, lime should be removed and cut end pasted with Bordeaux paste |
| Cabbage | Maturing to harvesting stage | | The crop is ready for harvest and should be done timely as it may split if not harvested in time and increased incidence of field disease After harvesting, remove the entire stem and root system from the soil to prevent disease buildup |
| Cucurbitaceous vegetable | | | Prepare seedling of Cucurbitaceous vegetable in polythene bag for getting early produce . |
| Poultry | Oil or fat can be added to feed and energy levels in the feed can be raised to meet the higher energy need of the bird. Provide warm water to the birds Chickens showing flu like symptoms should be treated with antibiotic Vendox, N-dox powder. For prevention it should be given for three days and for treatment give for 5 to 7 days. | | |
| Piggery | Vaccinate all newly born piglets against swine fever at the age of 3 months followed by annual booster dose. Keep floor dry to avoid skin diseases. | | |
| Fishery | Harvest the fish in pond having less water depth It is advisable to renovate ponds by removing the bottom mud and allow to dry. | | |
| Livestock | For maintaining milk production in milch animals, they should be protected from low temperature. | | |



GRAMIN KRISHI MAUSAM SEWA
ICAR RESEARCH COMPLEX FOR NEH REGION
Nagaland Center, Medziphema-797106
Dimapur, Nagaland

Telephone No: 03862-247241 (O) / Email: amfu.jharnapani@gov.in



| Date: 15.02.19 | District: Phek | Bulletin No: 14/2019 |
|---|----------------|---|
| Weather of preceding week | | Weather forecast valid upto 20.02.2019 |
| <ul style="list-style-type: none"> No rain occurred the past week Max and min temperatures ranged 18⁰C to 19⁰C and 6⁰C to 7⁰C, respectively. Relative humidity varied from 20% to 89%. Wind speed ranged from 3 to 4 kmph | | <ul style="list-style-type: none"> Probability of light rain Max temp is likely to be 20⁰C - 21⁰C and min temp 8⁰C to 9⁰C Sky is likely to be partly cloudy the coming week Relative Humidity is likely to range from 40% to 78%. Wind speed may reach upto 3- 4 kmph Wind may blow southerly direction Weekly cumulative Rainfall: 25 mm |

WEATHER FORECAST BASED AGROMET ADVISORIES

General Recommendations

Incorporate organic sources of manures (FYM, Vermicompost, Poultry manure, Pig manure, Mixed compost, Neem cake etc.) in to the soil

Always remove from the growing area plant materials that show signs of a disease and destroy them or place them in the trash. Maintaining crop hygiene is an essential step for successful farming.

| Main crop | Growth Stage | Pest/Disease | Weather based Agro-Advisories |
|--------------------------|---|--------------|--|
| TRC/WRC paddy | Storage | | Storage rooms should be physically rodent and bird proof, if possible, place sticky traps in the drying and storage areas for rats. |
| Toria/Mustard | Podding to maturing stage | - | Left over weeds before shading of seeds may be removed to reduce the weed seed bank/spread. Timely harvesting should be done to avoid losses due to shattering |
| Pea | Harvesting stage | | Cautious picking should be done to avoid plant damage Identify proper maturity indices at harvest. |
| Cucurbitaceous vegetable | | | Prepare seedling of Cucurbitaceous vegetable in polythene bag for getting early produce. |
| Khasi mandarin | | | If harvesting is over, water sprout, diseases and dried or dead twigs should be removed and cut end pasted with Bordeaux paste |
| Tomato | Fruiting to harvesting stage | Borer | Tomato plants should be stacked and hand collect and destroy the <i>Helicoverpa</i> larvae. After harvesting, deep ploughing of the crop should be done to expose the pupae |
| Poultry | Litter should be changed periodically and provide clean drinking water and change the water every day. Diseased and dead birds should be immediately removed. Sick birds showing respiratory distress, drooping of head or any other illness should be promptly segregated and the entire flock be treated against the illness. | | |
| Piggery | Vaccinate all newly born piglets against swine fever at the age of 3 months followed by annual booster dose. Keep floor dry to avoid skin diseases | | |
| Fishery | Harvest the fish in pond having less water depth It is advisable to renovate ponds by removing the bottom mud and allow to dry. | | |
| Livestock | For maintaining milk production in milch animals, they should be protected from low temperature. | | |



GRAMIN KRISHI MAUSAM SEWA
ICAR RESEARCH COMPLEX FOR NEH REGION
Nagaland Center, Medziphema-797106
Dimapur, Nagaland



Telephone No: 03862-247241 (O) / Email: amfu.jharnapani@gov.in

| | | |
|---|---------------------------|--|
| Date: 15.02.19 | District: Tuensang | Bulletin No: 14/2019 |
| Weather of preceding week | | Weather forecast valid upto 20.02.2019 |
| <ul style="list-style-type: none"> No rain occurred the past week Max and min temperatures ranged 16⁰C to 17⁰C and 6⁰C to 7⁰C, respectively. Relative humidity varied from 16% to 81%. Wind speed ranged from 3 to 4 kmph | | <ul style="list-style-type: none"> Probability of light rain Max temp is likely to be 20⁰C-21⁰C and min temp 6⁰C to 8⁰C Sky is likely to be partly cloudy the coming week Relative Humidity is likely to range from 34% to 81%. Wind speed may reach upto 3- 4 kmph Wind may blow from mostly easterly direction |
| | | Weekly cumulative Rainfall: 8 mm |

WEATHER FORECAST BASED AGROMET ADVISORIES

General Recommendations

Always remove from the growing area plant materials that show signs of a disease and destroy them or place them in the trash. Maintaining crop hygiene is an essential step for successful farming.

| Main crop | Growth Stage | Pest/Disease | Weather based Agro-Advisories |
|--------------------------|--|--------------|---|
| TRC/WRC paddy | Storage | | Storage rooms should be physically rodent and bird proof, if possible, place sticky traps in the drying and storage areas for rats. |
| Toria/Mustard | Harvesting stage | | In the present weather, as soon as the pods turn yellowish-brown, harvest the crop in order to avoid losses. Cleaned seed must be dried in the sun for four to five days |
| Cabbage | Heading to harvesting stage | | Regular watering and weeding in main field is recommended. Regular monitoring for pest and disease incidence and collection and destruction of egg, larva, pupa and adult. Timely harvesting should be done |
| Cucurbitaceous vegetable | | | Prepare seedling of Cucurbitaceous vegetable in polythene bag for getting early produce. |
| Pea, Rajmash | Podding to harvesting stage | | Weather is favourable for picking of pods |
| Khasi Mandarin | Harvesting stage | | In the present weather, water sprout, diseases and dried/dead twigs of mandarin should be removed after harvesting and cut end pasted with Bordeaux paste |
| Poultry | Artificial heating through lighting of electric bulb at poultry house during night time may protect the birds from fall of night temperature and reduce the incidence of mortality Chickens showing flu like symptoms should be treated with antibiotic Vendox, N-dox powder. For prevention it should be given for three days and for treatment give for 5 to 7 days | | |
| Piggery | Vaccinate all newly born piglets against swine fever at the age of 3 months followed by annual booster dose. Keep floor dry to avoid skin diseases. | | |
| Fishery | Harvest the fish in pond having less water depth It is advisable to renovate ponds by removing the bottom mud and allow to dry. | | |



GRAMIN KRISHI MAUSAM SEWA
ICAR RESEARCH COMPLEX FOR NEH REGION
Nagaland Center, Medziphema-797106
Dimapur, Nagaland

Telephone No: 03862-247241 (O) / Email: amfu.jharnapani@gov.in



| Date: 15.02.19 | District: Wokha | Bulletin No: 14/2019 |
|--|-----------------|--|
| Weather of preceding week | | Weather forecast valid upto 20.02.2019 |
| <ul style="list-style-type: none"> No rain occurred the past week Max and min temperatures ranged 19⁰C to 20⁰C and 7⁰C to 8⁰C respectively. Relative humidity varied from 28% to 89%. Wind speed ranged from 5 to 6 kmph | | <ul style="list-style-type: none"> Probability of light rain Max temp is likely to be 21⁰C-22⁰C and min temp 10⁰C to 11⁰C Sky is likely to be partly cloudy the coming week Relative Humidity is likely to range from 44% to 78%. Wind speed may reach upto 5-6 kmph Wind may blow from easterly direction Weekly cumulative Rainfall: 12 mm |

WEATHER FORECAST BASED AGROMET ADVISORIES

General Recommendations

Always remove from the growing area plant materials that show signs of a disease and destroy them or place them in the trash. Maintaining crop hygiene is an essential step for successful farming.

| Main crop | Growth Stage | Pest/Disease | Weather based Agro-Advisories |
|----------------|------------------------------|--------------|--|
| TRC/WRC paddy | Storage | | Keep storage areas, crevices, wooden pallets etc clean by spraying with the recommended insecticide to disinfect insect breeding places. Place sticky traps in the drying and storage areas for rats |
| Toria/Mustard | Harvesting stage | | Left over weeds before shading of seeds may be removed to reduce the weed seed bank/spread. Timely harvesting should be done to avoid losses due to shattering |
| Khasi Mandarin | Harvesting stage | | In the present weather, water sprout, diseases and dried/dead twigs of mandarin should be removed after harvesting and cut end pasted with Bordeaux paste |
| Rajmash | Harvesting stage | | Harvesting should be done timely |
| Cabbage | Maturing to harvesting stage | | The crop is ready for harvest and should be done timely as it may split if not harvested in time and increased incidence of field disease After harvesting, remove the entire stem and root system from the soil to prevent disease buildup |
| Tomato | Fruiting to harvesting stage | Borer | Tomato plants should be stacked and hand collect and destroy the <i>Helicoverpa</i> larvae. After harvesting, deep ploughing of the crop should be done to expose the pupae |
| Poultry | | | Chickens showing flu like symptoms should be treated with antibiotic Vendox, N-dox powder. For prevention it should be given for three days and for treatment give for 5 to 7 days |
| Piggery | | | Give some extra energy to combat heat loss by giving extra carbohydrate |
| Fishery | | | As far as possible do not disturb the pond. Prune the tree branches along the pond embankment and allow enough sunlight to fall on the pond water surface |



GRAMIN KRISHI MAUSAM SEWA
ICAR RESEARCH COMPLEX FOR NEH REGION
Nagaland Center, Medziphema-797106
Dimapur, Nagaland

Telephone No: 03862-247241 (O) / Email: amfu.jharnapani@gov.in



| Date: 15.02.19 | District: Zunheboto | Bulletin No: 14/2019 |
|---|---------------------|---|
| Weather of preceding week | | Weather forecast valid upto 20.02.2019 |
| <ul style="list-style-type: none"> No rain occurred the past week Max and min temperatures ranged 19⁰C to 20⁰C and 7⁰C to 8⁰C, respectively. Relative humidity varied from 22% to 89%. Wind speed ranged from 3 to 4 kmph | | <ul style="list-style-type: none"> Probability of light rain Max temp is likely to be 21⁰C- 22⁰C and min temp 10⁰C to 11⁰C Sky is likely to be partly cloudy the coming week Relative Humidity is likely to range from 33% to 78%. Wind speed may reach upto 3-4 kmph Wind may blow from south easterly direction |
| | | Weekly cumulative Rainfall: 19 mm |

WEATHER FORECAST BASED AGROMET ADVISORIES

General Recommendations

Always remove from the growing area plant materials that show signs of a disease and destroy them or place them in the trash. Maintaining crop hygiene is an essential step for successful farming.

| Main crop | Growth Stage | Pest/Disease | Weather based Agro-Advisories |
|----------------|------------------------------|--------------|---|
| TRC/WRC paddy | Storage | | <p>Keep storage areas, crevices, wooden pallets etc clean by spraying with the recommended insecticide to disinfect insect breeding places.</p> <p>Place sticky traps in the drying and storage areas for rats.</p> |
| Toria/Mustard | Harvesting stage | | <p>Left over weeds before shading of seeds may be removed to reduce the weed seed bank/spread.</p> <p>Timely harvesting should be done to avoid losses due to shattering</p> |
| Khasi Mandarin | Harvesting stage | | <p>In the present weather, water sprout, diseases and dried/dead twigs of mandarin should be removed after harvesting and cut end pasted with Bordeaux paste</p> |
| Rajmash | Harvesting stage | | <p>Harvesting should be done timely</p> |
| Cabbage | Maturing to harvesting stage | | <p>The crop is ready for harvest and should be done timely as it may split if not harvested in time and increased incidence of field disease</p> <p>After harvesting, remove the entire stem and root system from the soil to prevent disease buildup</p> |
| Tomato | Fruiting to harvesting stage | Borer | <p>Tomato plants should be stacked and hand collect and destroy the <i>Helicoverpa</i> larvae.</p> <p>After harvesting, deep ploughing of the crop should be done to expose the pupae</p> |
| Poultry | | | <p>Chickens showing flu like symptoms should be treated with antibiotic Vendox, N-dox powder. For prevention it should be given for three days and for treatment give for 5 to 7 days</p> |
| Piggery | | | <p>Give some extra energy to combat heat loss by giving extra carbohydrate</p> |
| Fishery | | | <p>As far as possible do not disturb the pond. Prune the tree branches along the pond embankment and allow enough sunlight to fall on the pond water surface</p> |



GRAMIN KRISHI MAUSAM SEWA
ICAR RESEARCH COMPLEX FOR NEH REGION
Nagaland Center, Medziphema-797106
Dimapur, Nagaland

Telephone No: 03862-247241 (O) / Email: amfu.jharnapani@gov.in



| Date: 15.02.19 | District: Dimapur | Bulletin No: 14/2019 |
|---|-------------------|---|
| Weather of preceding week | | Weather forecast valid upto 20.02.2019 |
| <ul style="list-style-type: none"> No rain occurred the past week Max and min temperatures ranged 18°C to 19°C and 7°C to 8°C, respectively. Relative humidity varied from 25% to 88%. Wind speed ranged from 5 to 6 kmph | | <ul style="list-style-type: none"> Probability of light rain. Max temp is likely to be 28°C - 29°C and min temp 16°C to 17°C Sky is likely to be partly cloudy the coming week Relative Humidity is likely to range from 34% to 88%. Wind speed may reach upto 5-6 kmph Wind may blow from south easterly direction Weekly cumulative Rainfall: 1mm |

WEATHER FORECAST BASED AGROMET ADVISORIES

General Advisories

- Conservation of soil moisture through locally available materials in all the crops.
- Utilization of harvested water stored in various structures like Jalkund is recommended through drip and sprinkler irrigation system
- Always remove from the growing area plant materials that show signs of a disease and destroy them or place them in the trash. Maintaining crop hygiene is an essential step for successful farming.

| Main crop | Growth Stage | Pest/Disease | Weather based Agro-Advisories |
|--------------------------|--|--------------|--|
| TRC/WRC paddy | Storage | | Keep storage areas, crevices, wooden pallets etc clean by spraying with the recommended insecticide to disinfect insect breeding places. Place sticky traps in the drying and storage areas for rats |
| Toria/Mustard | Maturing stage | Leaf feeders | Left over weeds before shading of seeds may be removed to reduce the weed seed bank/spread. |
| Assam lemon/Citrus | | | In the present weather, water sprout, diseases and dried/dead twigs of mandarin, lime should be removed and cut end pasted with Bordeaux paste |
| Cabbage | Maturing to harvesting stage | | The crop is ready for harvest and should be done timely as it may split if not harvested in time and increased incidence of field disease After harvesting, remove the entire stem and root system from the soil to prevent disease buildup |
| Cucurbitaceous vegetable | | | Prepare seedling of Cucurbitaceous vegetable in polythene bag for getting early produce . |
| Poultry | Oil or fat can be added to feed and energy levels in the feed can be raised to meet the higher energy need of the bird. Provide warm water to the birds Chickens showing flu like symptoms should be treated with antibiotic Vendox, N-dox powder. For prevention it should be given for three days and for treatment give for 5 to 7 days. | | |
| Piggery | Vaccinate all newly born piglets against swine fever at the age of 3 months followed by annual booster dose. Keep floor dry to avoid skin diseases. | | |
| Fishery | Harvest the fish in pond having less water depth It is advisable to renovate ponds by removing the bottom mud and allow to dry. | | |
| Livestock | For maintaining milk production in milch animals, they should be protected from low temperature. | | |



“GRAMIN KRISHI MAUSAM SEWA
ICAR RESEARCH COMPLEX FOR NEH REGION
Nagaland Center, Medziphema-797106
Dimapur, Nagaland



Telephone No: 03862-247241 (O) / Email: amfu.jharnapani@gov.in

| Date: 15.02.19 | District: Kiphire | Bulletin No: 14/2019 |
|---|-------------------|--|
| Weather of preceding week | | Weather forecast valid upto 20.02.2019 |
| <ul style="list-style-type: none"> No rain occurred the past week Max and min temperatures ranged 19⁰C to 21⁰C and 6⁰C to 7⁰C, respectively. Relative humidity varied from 22% to 90%. Wind speed ranged from 4 to 5 kmph | | <ul style="list-style-type: none"> Probability of light rain Max temp is likely to be 22⁰C - 24⁰C and min temp 9⁰C to 10⁰C Sky is likely to be partly cloudy the coming week Relative Humidity is likely to range from 34% to 75%. Wind speed may reach upto 4-5 kmph Wind may blow from south easterly direction Weekly cumulative Rainfall: 10mm |

WEATHER FORECAST BASED AGROMET ADVISORIES

General Recommendations

Always remove from the growing area plant materials that show signs of a disease and destroy them or place them in the trash. Maintaining crop hygiene is an essential step for successful farming.

| Main crop | Growth Stage | Pest/Disease | Weather based Agro-Advisories |
|--------------------------|--|--------------|---|
| TRC/WRC paddy | Storage | | Storage rooms should be physically rodent and bird proof, if possible, place sticky traps in the drying and storage areas for rats. |
| Toria/Mustard | Harvesting stage | | In the present weather, as soon as the pods turn yellowish-brown, harvest the crop in order to avoid losses. Cleaned seed must be dried in the sun for four to five days |
| Cabbage | Heading to harvesting stage | | Regular watering and weeding in main field is recommended. Regular monitoring for pest and disease incidence and collection and destruction of egg, larva, pupa and adult. Timely harvesting should be done |
| Cucurbitaceous vegetable | | | Prepare seedling of Cucurbitaceous vegetable in polythene bag for getting early produce. |
| Pea, Rajmash | Podding to harvesting stage | | Weather is favourable for picking of pods |
| Khasi Mandarin | Harvesting stage | | In the present weather, water sprout, diseases and dried/dead twigs of mandarin should be removed after harvesting and cut end pasted with Bordeaux paste |
| Poultry | Artificial heating through lighting of electric bulb at poultry house during night time may protect the birds from fall of night temperature and reduce the incidence of mortality Chickens showing flu like symptoms should be treated with antibiotic Vendox, N-dox powder. For prevention it should be given for three days and for treatment give for 5 to 7 days | | |
| Piggery | Vaccinate all newly born piglets against swine fever at the age of 3 months followed by annual booster dose. Keep floor dry to avoid skin diseases. | | |
| Fishery | Harvest the fish in pond having less water depth It is advisable to renovate ponds by removing the bottom mud and allow to dry. | | |