

Integrated Agromet Advisory Service Bulletin from 12th to 16th Sept'18 Longleng District

Bulletin No:73/2018

| Weather summary of the preceding week | Weather forecast valid upto 16 th Sept' 2018 |
|--|---|
| Light rain occurred the past week Maximum and minimum temperatures ranged 29°C to 32°C and 20°C to 23°C, respectively. Relative humidity varied from 65% to 95%. Wind speed ranged from 2 to 4 kmph | Probability of light rain the coming week Max temp is likely to be 27°C - 32°C and the min temp 21°C to 24°C Sky is likely to be mainly cloudy the coming week Relative Humidity is likely to range from 53% to 97%. Wind speed may reach upto 2- 4 kmph Wind direction will be mostly easterly |

| | Field crops | | | | |
|------------------|--------------------------|-------------------|--|--|--|
| Main Crops | Stage | Pest/ Diseases | Agro-meteorological Advisories | | |
| Jhum Paddy | Ripening stage | | Harvesting is to be done in optimum time, otherwise, there will be loss of grain shedding, scattering, lodging and also damaged by birds, over maturity and lodging | | |
| TRC/WRC paddy | Stem elongation stage | Leaf folder | To control the pest, mechanical methods, such as rope method (to dislodge the larvae) is advised. In this method, water is allowed to stand in the field up to 2 cm and a rope is hold by two persons at two corners of the field and it is moved in such a way that it swayed the standing paddy crop. The larvae which feed on the folded leafs fall in the water due to mechanical disturbances. After that bunds are opened at many places to drain out water. Insects are collected and destroyed. This process should be repeated two to three times to get desirable result. | | |
| Soybean | Podding stage | - | Proper drainage should be maintained and timely earthing up should be carried out | | |
| Proper | weeding, earthing up sho | | Jorticultural crop In staking should be done for good production. | | |
| Citrus | | | To kill the trunk borer grubs, clean the bored holes of the infested trunk with iron wire and insert a cotton swab soaked in petrol or kerosene and plug with mud. | | |

| | Cucurbits | Harvesting stage | - | Avoid injuries during harvesting and handling. |
|-----------------|----------------------|--|--------------------------|--|
| | Okra | Fruiting to harvesting stage | Spotted bollworm | Remove regularly the attacked fruits and bury deep in the soil. Harvesting should be done timely |
| | Brinjal | Fruiting and harvesting stage | Shoot and fruit borer | Damage is done by caterpillars by affecting the shoots and fruits which are rendered unfit for consumption. Dropping and wilting shoots indicate the presence of caterpillars in the nodes of the stem and large holes in the fruits indicate exit holes of the caterpillars, Destroy affected fruits and dropping shoots, by burning and burying, and clean culture to destroy the pupae. |
| | Ginger / turmeric | Vegetative stage | Rhizome rot | Proper drainage and sanitation should be maintained. Timely earthing up should be carried out. |
| | | | | <i>Livestock</i> avoided in livestock shed to avoid mosquito breeding ean and cool drinking water to the animals |
| | Poultry | High humid drugs | ity is favourabl | e for occurrence of coccidiodial disease in poultry, provide anti-coccidial |
| | Piggery | | | against Japanese encephalitis, a mosquito borne disease . Avoid stagnant maintain proper hygienic condition |
| | Fisheries | | | |
| HIP3HAI ICAR | | • Due to heavy rainfall and muddy water influx from the surrounding areas, the ponds may result in reduction of dissolved oxygen. Stir the water with a bamboo pole as it will help in increasing the oxygen and protect the fishes from suffocation | | |

| Sl.no | Name | Designation | Department | |
|-------|------------------|---------------------|-----------------------------------|--------------------------|
| 1 | Dr.D.J. Rajkhowa | Principle Scientist | Agronomy | djrajkhowa@gmail.com |
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| 3 | Ph. Romen Sharma | Scientist | Agricultural Extension | romen.agext@gmail.com |
| 4 | Dr. Rajesha G | Scientist | Plant Pathology | rajeshag337@gmail.com |
| 5 | Dr. Mahak Singh | Scientist | Animal Reproduction & Gynaecology | mahaksinghivri@gmail.com |
| | Dr. Azeze Seyie | Scientist | Spices, Plantation & Medicinal & | |
| 6 | 6 | | Aromatic Plants | azezeseyie@yahoo.com |
| 7 | Jyotish Barman | Scientist | Fisheries Resource Management | jyotish5@gmail.com |
| 8 | Aabon W Yanthan | Scientist | Vegetable Science | aabon.iari@gmail.com |



Integrated Agromet Advisory Service Bulletin from 12th to 16th Sept'18 Mokokchung District

Bulletin No:73/2018

| Weather summary of the preceding week | Weather forecast valid upto 16 th Sept' 2018 |
|--|--|
| Light rain occurred the past week | Probability of light rain the coming week. |
| • Maximum and minimum temperatures ranged | • Max temp is likely to be 27° C - 32° C and the min temp 21° C to 24° C |
| 29° C to 31° C and 20° C to 22° C, respectively. | Sky is likely to be partly cloudy the coming week |
| Relative humidity varied from 59% to 94%. | • Relative Humidity is likely to range from 75% to 95%. |
| Wind speed ranged from 2 to 4 kmph | • Wind speed may reach upto 2- 4 kmph |
| | Wind direction will be mostly easterly |
| | |

| | | | Field crops |
|------------------|------------------------------|-------------------|--|
| Main Crops | Stage | Pest/ Diseases | Agro-meteorological Advisories |
| Jhum Paddy | Harvesting stage | | Harvesting is to be done in optimum time, otherwise, there will be loss of grain shedding, scattering, lodging and also damaged by birds, over maturity and lodging |
| TRC/WRC paddy | Milk development stage | Gundhi bug | Feeding causes empty or small grains during the milking stage. At the soft present stage, feeding will cause deformed or spotty grains. Do proper surveillance of the field. |
| Soybean | Podding stage | - | Proper drainage should be maintained and timely earthing up should be carried out |
| ^ | weeding, earthing up | 1 | Horticultural crop and staking should be done for good production. |
| Citrus | | Trunk borer | To kill the trunk borer grubs, clean the bored holes of the infested trunk with iron wire and insert a cotton swab soaked in petrol or kerosene and plug with mud. |
| Cucurbits | Harvesting stage | - | Avoid injuries during harvesting and handling. |

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|-----------|---------------------------------|---------------------|---|
| Cucurbits | Harvesting stage | - | Avoid injuries during harvesting and handling. |
| Okra | Fruiting to harvesting stage | Spotted bollworm | Remove regularly the attacked fruits and bury deep in the soil. Harvesting should be done timely |
| Brinjal | Fruiting and | Shoot and | Damage is done by caterpillars by affecting the shoots and fruits which are |
| | | | |

| | | harvesting stage | fruit borer | rendered unfit for consumption. | |
|----------------|--|--|------------------|--|--|
| | | | | Dropping and wilting shoots indicate the presence of caterpillars in the nodes | |
| | | | | of the stem and large holes in the fruits indicate exit holes of the caterpillars, | |
| | | | | Destroy affected fruits and dropping shoots, by burning and burying, and | |
| | | | | clean culture to destroy the pupae. | |
| | Ginger / | Vegetative stage | Rhizome rot | Proper drainage and sanitation should be maintained. | |
| | turmeric | | | Timely earthing up should be carried out. | |
| | | | | Livestock | |
| | Water stagnation should be avoided in livestock shed to avoid mosquito breeding. | | | | |
| | | | Daily provid | e clean and cool drinking water to the animals | |
| | Poultry | High humidity is favourable for occurrence of coccidiodial disease in poultry, provide anti-coccidial drugs | | | |
| | Piggery | | | against Japanese encephalitis, a mosquito borne disease . Avoid stagnant water ain proper hygienic condition | |
| | | | | Fisheries | |
| P3F-III A R | | | oxygen. Stir the | uddy water influx from the surrounding areas, the ponds may result in reduction water with a bamboo pole as it will help in increasing the oxygen and protect the | |

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| 4 | Dr. Rajesha G | Scientist | Plant Pathology | rajeshag337@gmail.com |
| 5 | Dr. Mahak Singh | Scientist | Animal Reproduction & Gynaecology | mahaksinghivri@gmail.com |
| | Dr. Azeze Seyie | Scientist | Spices, Plantation & Medicinal & | |
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Integrated Agromet Advisory Service Bulletin from 12th to 16th Sept'18 Mon District

Bulletin No:73/2018

| Weather summary of the preceding week | Weather forecast valid upto 16 th Sept' 2018 |
|--|--|
| Moderate rain occurred the past week | Probability of moderate rain the coming week. |
| • Maximum and minimum temperatures ranged | • Max temp is likely to be 32° C - 27° C and the min temp 20° C to 24° C |
| 29° C to 31° C and 21° C to 24° C, respectively. | Sky is likely to be partly cloudy the coming week |
| Relative humidity varied from 65% to 90% | Relative Humidity is likely to range from 54% to 96%. |
| • Wind speed ranged from 2 to 3 kmph | Wind speed may reach upto 2- 4 kmph |
| | Wind direction will be mostly southeasterly |
| | |

| | | | Field crops | | |
|------------------|------------------------------|------------|--|--|--|
| Main | Stage | Pest/ | Agro-meteorological Advisories | | |
| Crops | | Diseases | | | |
| Jhum Paddy | Harvesting stage | | Harvesting is to be done in optimum time, otherwise, there will be loss of grain shedding, scattering, lodging and also damaged by birds, over maturity and lodging | | |
| TRC/WRC paddy | Milk development stage | Gundhi bug | Feeding causes empty or small grains during the milking stage. At the soft present stage, feeding will cause deformed or spotty grains. Do proper surveillance of the field. | | |
| Soybean | Podding stage | - | Proper drainage should be maintained and timely earthing up should be carried out | | |
| | | | | | |

| <i>Horticultural crop</i> Proper weeding, earthing up should be done and staking should be done for good production. | | | | |
|---|---|--------------------------|---|--|
| | 110per weed | ing, carining up si | | |
| Citrus | | Trunk borer | To kill the trunk borer grubs, clean the bored holes of the infested trunk with iron wire and insert a cotton swab soaked in petrol or kerosene and plug with mud. | |
| Cucurbits | Harvesting stage | - | Avoid injuries during harvesting and handling. | |
| Okra | Fruiting to harvesting stage | Spotted bollworm | Remove regularly the attacked fruits and bury deep in the soil. Harvesting should be done timely | |
| Brinjal | Fruiting and harvesting stage | Shoot and fruit borer | Damage is done by caterpillars by affecting the shoots and fruits which are rendered unfit for consumption. Dropping and wilting shoots indicate the presence of caterpillars in the nodes of the stem and large holes in the fruits indicate exit holes of the caterpillars, Destroy affected fruits and dropping shoots, by burning and burying, and clean culture to destroy the pupae. | |
| Ginger / turmeric | Vegetative stage | Rhizome rot | Proper drainage and sanitation should be maintained. Timely earthing up should be carried out. | |
| | | | <i>Livestock</i> a of human and animal diseases. Vaccination of animals should be done against out- cing water to the animals | |
| Poultry | | | e for occurrence of coccidiodial disease in poultry, provide anti-coccidial drugs | |
| Piggery | • Precaution should be taken against Japanese encephalitis, a mosquito borne disease . Avoid stagnant water in and around the sty, maintain proper hygienic condition | | | |
| | | | Fisheries | |
| आयुष्ठ अन्युप् | • Due to heavy rainfall and muddy water influx from the surrounding areas, the ponds may result in reduction o dissolved oxygen. Stir the water with a bamboo pole as it will help in increasing the oxygen and protect the fisher from suffocation | | | |

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Integrated Agromet Advisory Service Bulletin from 12th to 16th Sept'18 Peren District

Bulletin No:73/2018

| Weather summary of the preceding week | Weather forecast valid upto 16 th Sept' 2018 |
|--|--|
| • Light rain occurred the past week | Probability of light rain the coming week. |
| • Maximum and minimum temperatures ranged | • Max temp is likely to be 26° C - 32° C and the min temp 20° C to 24° C |
| 30° C to 32° C and 23° C to 24° C, respectively. | Sky is likely to be mainly cloudy the coming week |
| Relative humidity varied from 62% to 94%. | Relative Humidity is likely to range from 61% to 97%. |
| Wind speed ranged from 5 to 6 kmph | • Wind speed may reach upto 3-6 kmph |
| | Wind direction will be mostly southerly |
| In gity rain water conservation through mulching | and as situ moisture conservation through low cost water herwesting structure |

In-situ rain water conservation through mulching and ex-situ moisture conservation through low cost water harvesting structure like Jalkund should be carried out.

| Field crops | | | | | | |
|------------------|------------------------------|-------------------|---|--|--|--|
| Main Crops | Stage | Pest/ Diseases | Agro-meteorological Advisories | | | |
| Jhum Paddy | Milk development stage | Gundhi bug | Weed sanitation and eradication of alternate hosts from rice fields and surrounding areas can help prevent the multiplication of the bug. Mechanical control measures such as smoking the field, hand-picking of adults and nymphs have also been advocated | | | |
| TRC/WRC paddy | Stem elongation stage | Leaf folder | To control the pest, mechanical methods, such as rope method (to dislodge the larvae) is advised. In this method, water is allowed to stand in the field up to 2 cm and a rope is hold by two persons at two corners of the field and it is moved in such a way that it swayed the standing paddy crop. The larvae which feed on the folded leafs fall in the water due to mechanical disturbances. After that bunds are opened at many places to drain out water. Insects are collected and destroyed. This process should be repeated two to three times to get desirable result. | | | |
| Soybean | Podding stage | - | Proper drainage should be maintained and timely earthing up should be carried out | | | |
| • Proper w | eeding earthing u | n should be do | Horticultural crop one and staking should be done for good production. | | | |
| Citrus | <u> </u> | Trunk borer | To kill the trunk borer grubs, clean the bored holes of the infested trunk with iron wire and insert a cotton swab soaked in petrol or kerosene and plug with | | | |

| | | | | mud. | | |
|-----------|--|-------------------------------------|-----------------------|---|--|--|
| | Cucurbits | Harvesting stage | - | Avoid injuries during harvesting and handling. | | |
| | Okra | Fruiting to harvesting stage | Spotted bollworm | <i>Remove regularly the attacked fruits and bury deep in the soil.</i> <i>Harvesting should be done timely</i> | | |
| | Brinjal | Fruiting and harvesting stage | Shoot and fruit borer | Damage is done by caterpillars by affecting the shoots and fruits which are rendered unfit for consumption. Dropping and wilting shoots indicate the presence of caterpillars in the nodes of the stem and large holes in the fruits indicate exit holes of the caterpillars, Destroy affected fruits and dropping shoots, by burning and burying, and clean culture to destroy the pupae. | | |
| | Ginger / | Vegetative | Rhizome rot | Proper drainage and sanitation should be maintained. | | |
| | turmeric | stage | | Timely earthing up should be carried out. | | |
| | | | | Livestock | | |
| | | Water st | agnation should | d be avoided in livestock shed to avoid mosquito breeding. | | |
| | Daily provide clean and cool drinking water to the animals | | | | | |
| | <i>Poultry</i> • High humidity is favourable for occurrence of coccidiodial disease in poultry, provide anti-coccidial drugs | | | | | |
| | Piggery • Precaution should be taken against Japanese encephalitis, a mosquito borne disease. Avoid stagnant water in and around the sty, maintain proper hygienic condition | | | | | |
| | Fisheries | | | | | |
| भाकुंअनुप | | Due to | heavy rainfall | and muddy water influx from the surrounding areas, the ponds may result in | | |
| ICAR | | | | oxygen. Stir the water with a bamboo pole as it will help in increasing the | | |
| | oxygen and protect the fishes from suffocation | | | | | |

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Integrated Agromet Advisory Service Bulletin from 12th to 16th Sept'18 Phek District

Bulletin No:73/2018

| Weather summary of the preceding week | Weather forecast valid upto 16 th Sept' 2018 |
|---|--|
| • Moderate rain occurred the past week | • Probability of moderate rain the coming week. |
| • Maximum and minimum temperatures | |
| C | Sky is likely to be mainly cloudy the coming week |
| respectively. | • Relative Humidity is likely to range from 59% to 94%. |
| • Relative humidity varied from 52% to 95%. | • Wind speed may reach upto 2-3 kmph |
| • Wind speed ranged from 2 to 3 kmph | Wind direction will be mostly southeasterly |
| | |

| | Field crops | | | | | |
|------------------|------------------------------|-------------|--|--|--|--|
| Main | Stage Pest/ | | Agro-meteorological Advisories | | | |
| Crops | | Diseases | | | | |
| Jhum Paddy | Ripening stage | | Harvesting is to be done in optimum time, otherwise, there will be loss of grain shedding, scattering, lodging and also damaged by birds, over maturity and lodging | | | |
| TRC/WRC paddy | Milk development stage | Gundhi bug | Feeding causes empty or small grains during the milking stage. At the soft present stage, feeding will cause deformed or spotty grains. Do proper surveillance of the field. | | | |
| Soybean | Podding stage | - | Proper drainage should be maintained and timely earthing up should be carried out | | | |
| | | | | | | |
| D | | | Horticultural crop | | | |
| ^ | r weeding, earthing | · • | done and staking should be done for good production. | | | |
| Citrus | | Trunk borer | To kill the trunk borer grubs, clean the bored holes of the infested trunk with iron | | | |
| | | | wire and insert a cotton swab soaked in petrol or kerosene and plug with mud. | | | |
| Cucurbits | Harvesting stage | - | Avoid injuries during harvesting and handling. | | | |
| Okra | Fruiting to | Spotted | • <i>Remove regularly the attacked fruits and bury deep in the soil.</i> | | | |
| | harvesting stage | bollworm | • Harvesting should be done timely | | | |

| | | | C1 1 | |
|----------|--|-----------------------------|------------------|--|
| | Brinjal | Fruiting and | Shoot and | Damage is done by caterpillars by affecting the shoots and fruits which are |
| | | harvesting stage | fruit borer | rendered unfit for consumption. |
| | | | | Dropping and wilting shoots indicate the presence of caterpillars in the nodes of the |
| | | | | stem and large holes in the fruits indicate exit holes of the caterpillars, |
| | | | | Destroy affected fruits and dropping shoots, by burning and burying, and |
| | | | | clean culture to destroy the pupae. |
| | <u> </u> | X 7 () [*] | D1. (| |
| | Ginger / | Vegetative | Rhizome rot | Proper drainage and sanitation should be maintained. |
| | turmeric | stage | | Timely earthing up should be carried out. |
| | | | | Livestock |
| | | Water | stagnation show | ald be avoided in livestock shed to avoid mosquito breeding. |
| | | | Daily prov | vide clean and cool drinking water to the animals |
| | Poultry | High hum | idity is favoura | ble for occurrence of coccidiodial disease in poultry, provide anti-coccidial drugs |
| | | | | |
| | Piggery | Precaution | n should be tak | ten against Japanese encephalitis, a mosquito borne disease. Avoid stagnant water |
| | | in and aro | und the sty, ma | intain proper hygienic condition |
| | | | | Fisheries |
| | | Due to hea | avy rainfall and | d muddy water influx from the surrounding areas, the ponds may result in reduction of |
| XTLOODIX | dissolved oxygen. Stir the water with a bamboo pole as it will help in increasing the oxygen and protect the | | | |
| | fishes from suffocation | | | |
| | | | in surrocation | |
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| | | | | |

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Integrated Agromet Advisory Service Bulletin from 12th to 16th Sept'18 Tuensang District

Bulletin No:73/2018

| Dunchin 110110/2010 | |
|--|--|
| Weather summary of the preceding week | Weather forecast valid upto 16 th Sept' 2018 |
| Moderate rain occurred the past week | Probability of moderate rain the coming week. |
| Maximum and minimum temperatures ranged | • Max temp is likely to be 22° C - 24° C and the min temp 16° C to 19° C |
| 28° C to 30° C and 20° C to 21° C, respectively. | Sky is likely to be mainly cloudy the coming week |
| Relative humidity varied from 64% to 92%. | Relative Humidity is likely to range from 68% to 95%. |
| Wind speed ranged from 2 to 3 kmph | • Wind speed may reach upto 2-3 kmph |
| | • Wind direction will be mostly southeasterly |
| | |

| | | | • Wind direction will be mostly southeasterly | | |
|------------------|------------------------------|---------------------|--|--|--|
| | | | | | |
| | | | Field crops | | |
| Main Crops | Stage | Pest/ Diseases | Agro-meteorological Advisories | | |
| Jhum Paddy | Harvesting stage | | Harvesting is to be done in optimum time, otherwise, there will be los of grain shedding, scattering, lodging and also damaged by birds, ove maturity and lodging | | |
| TRC/WRC paddy | Milk development stage | Gundhi bug | Feeding causes empty or small grains during the milking stage. At the soj present stage, feeding will cause deformed or spotty grains. Do prope surveillance of the field. | | |
| Soybean | Podding stage | - | Proper drainage should be maintained and timely earthing up should be carried out | | |
| Proper | • weeding, earthing t | ıp should be do | Horticultural crop one and staking should be done for good production. | | |
| Citrus | | Trunk borer | To kill the trunk borer grubs, clean the bored holes of the infested trunk with iron wire and insert a cotton swab soaked in petrol or kerosene and plu with mud. | | |
| Cucurbits | Harvesting stage | - | Avoid injuries during harvesting and handling. | | |
| Okra | Fruiting to harvesting stage | Spotted bollworm | <i>Remove regularly the attacked fruits and bury deep in the soil.</i> <i>Harvesting should be done timely</i> | | |

| | Brinjal | Fruiting and harvesting stage | Shoot and fruit borer | Damage is done by caterpillars by affecting the shoots and fruits which are rendered unfit for consumption. Dropping and wilting shoots indicate the presence of caterpillars in the nodes of the stem and large holes in the fruits indicate exit holes of the |
|-----------|--|-------------------------------|-----------------------|--|
| | | | | caterpillars, Destroy affected fruits and dropping shoots, by burning and burying, and clean culture to destroy the pupae. |
| | Ginger / turmeric | Vegetative stage | Rhizome rot | Proper drainage and sanitation should be maintained. Timely earthing up should be carried out. |
| | <i>Livestock</i> Water stagnation should be avoided in livestock shed to avoid mosquito breeding. Daily provide clean and cool drinking water to the animals | | | |
| | Poultry | High humic drugs | lity is favoural | ble for occurrence of coccidiodial disease in poultry, provide anti-coccidial |
| | Piggery | | | n against Japanese encephalitis, a mosquito borne disease . Avoid stagnant y, maintain proper hygienic condition |
| | | | | Fisheries |
| HIGPSHEII | | reduction of | · · · · | I muddy water influx from the surrounding areas, the ponds may result in gen. Stir the water with a bamboo pole as it will help in increasing the oxygen suffocation |

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Integrated Agromet Advisory Service Bulletin from 8th to 12th Sept'18 Wokha District

Bulletin No:72/2018

| Dunieun No: | | | |
|-----------------------------------|-------------------------|-----------------|--|
| | ummary of the preced | ing week | Weather forecast valid upto 12 th Sept' 2018 |
| Light rain occ | curred the past week | | Probability of light rain the coming week. |
| | nd minimum tempera | | • Max temp is likely to be 26° C - 32° C and the min temp 20° C to 24° C |
| 29° C to 31° C | and 20°C to 22°C, resp | ectively. | Sky is likely to be mainly cloudy the coming week |
| Relative humi | idity varied from 55% t | to 91%. | Relative Humidity is likely to range from 64% to 97%. |
| • Wind speed ra | anged from 2 to 4 kmpl | h | • Wind speed may reach upto 3- 6 kmph |
| - | | | Wind direction will be southeasterly |
| In-situ rain wat | er conservation through | h mulching and | l ex-situ moisture conservation through low cost water harvesting structure |
| | | like Ja | lkund should be carried out. |
| | | | Field crops |
| Main | Stage | Pest/ | Agro-meteorological Advisories |
| Crops | | Diseases | |
| Jhum Paddy | Milk development | Gundhi bug | Weed sanitation and eradication of alternate hosts from rice fields and |
| | stage | | surrounding areas can help prevent the multiplication of the bug. |
| | | | Mechanical control measures such as smoking the field, hand-picking of |
| | | D (| adults and nymphs have also been advocated |
| TRC/WRC | Stem elongation | Brown spot | Monitor the field against brown spot, leaves show oval shaped foliar |
| paddy | stage | | spots with yellow halo. Severely affected field presents a reddish |
| <u>Caultane</u> | Eleviening stage | | appearance. |
| Soybean | Flowering stage | - | Proper drainage should be maintained and timely earthing up should be carried out |
| | | | |
| | | | |
| | | | |
| | | | Horticultural crop |
| Proper | weeding, earthing up s | hould be done d | and staking should be done for good production. |
| Citrus | | Trunk borer | To kill the trunk borer grubs, clean the bored holes of the infested trunk |
| | | | with iron wire and insert a cotton swab soaked in petrol or kerosene and |
| | | | plug with mud. |

| | Cucurbits | Harvesting stage | - | Avoid injuries during harvesting and handling. | | | | |
|------------------------|---|----------------------------------|-----------------------|---|--|--|--|--|
| | | | | | | | | |
| | Okra | Fruiting to harvesting stage | Spotted bollworm | <i>Remove regularly the attacked fruits and bury deep in the soil.</i> <i>Harvesting should be done timely</i> | | | | |
| | Brinjal | Fruiting and harvesting stage | Shoot and fruit borer | Damage is done by caterpillars by affecting the shoots and fruits which are rendered unfit for consumption. Dropping and wilting shoots indicate the presence of caterpillars in the nodes of the stem and large holes in the fruits indicate exit holes of the caterpillars, | | | | |
| | | | | Destroy affected fruits and dropping shoots, by burning and burying, and clean culture to destroy the pupae. | | | | |
| | Ginger / turmeric | Vegetative stage | Rhizome rot | Proper drainage and sanitation should be maintained. Timely earthing up should be carried out. | | | | |
| | Livestock | | | | | | | |
| | Water stagnation should be avoided in livestock shed to avoid mosquito breeding. Daily provide clean and cool drinking water to the animals | | | | | | | |
| | Fungal contamination of feed during rainy season is a common problem. Avoid transport of feed during rainy season and feed must be stored in dry place. Care must be taken to fill all the ditches in the vicinity of the poultry house which act as a breeding place for insects and mosquitoes. | | | | | | | |
| | Piggery • Precaution should be taken against Japanese encephalitis, a mosquito borne disease. Avoid stagnant water in and around the sty, maintain proper hygienic condition | | | | | | | |
| | Fisheries | | | | | | | |
| भाक्षेत्र-गुम् ICAR | Due to heavy rainfall and muddy water influx from the surrounding areas, the portection of dissolved oxygen. Stir the water with a bamboo pole as it will help oxygen and protect the fishes from suffocation | | | | | | | |

| Sl.no | Name | Designation | Department | |
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Integrated Agromet Advisory Service Bulletin from 12th to 16th Sept'18 Zunheboto District

Bulletin No:73/2018

| Weather summary of the preceding week | Weather forecast valid upto 16 th Sept' 2018 |
|---|--|
| Moderate rain occurred the past week Maximum and minimum temperatures ranged 27°C to 30°C and 20°C to 22°C, respectively. Relative humidity varied from 67% to 92%. Wind speed ranged from 2 to 3 kmph | Probability of light rain the coming week. Max temp is likely to be 26°C - 30°C and the min temp 20°C to 24°C Sky is likely to be mainly cloudy the coming week Relative Humidity is likely to range from 64% to 97%. Wind speed may reach upto 2- 4 kmph Wind direction will be southeasterly |
| | |

| | | | Field crops |
|------------------|------------------------------|-------------------|--|
| Main Crops | Stage | Pest/ Diseases | Agro-meteorological Advisories |
| Jhum Paddy | Harvesting stage | | Harvesting is to be done in optimum time, otherwise, there will be lost of grain shedding, scattering, lodging and also damaged by birds, over maturity and lodging |
| TRC/WRC paddy | Milk development stage | Gundhi bug | Feeding causes empty or small grains during the milking stage. At the sof present stage, feeding will cause deformed or spotty grains. Do prope surveillance of the field. |
| Soybean | Podding stage | - | Proper drainage should be maintained and timely earthing up should be carried out |
| | | | Horticultural crop |
| Proper | r weeding, earthing | up should be do | ne and staking should be done for good production. |
| Citrus | | Trunk borer | To kill the trunk borer grubs, clean the bored holes of the infested trunk with iron wire and insert a cotton swab soaked in petrol or kerosene and plug with mud. |
| Cucurbits | Harvesting stage | - | Avoid injuries during harvesting and handling. |

| | Okra | Fruiting to | Spotted | • <i>Remove regularly the attacked fruits and bury deep in the soil.</i> | |
|-------------|----------|--|------------------|--|--|
| | Oniu | harvesting stage | bollworm | <i>Harvesting should be done timely</i> | |
| | Duinial | | Shoot and | | |
| | Brinjal | Fruiting and | | Damage is done by caterpillars by affecting the shoots and fruits which are | |
| | | harvesting stage | fruit borer | rendered unfit for consumption. | |
| | | | | Dropping and wilting shoots indicate the presence of caterpillars in the nodes | |
| | | | | of the stem and large holes in the fruits indicate exit holes of the caterpillars, | |
| | | | | Destroy affected fruits and dropping shoots, by burning and burying, and | |
| | | X7 () [•] (| DI | clean culture to destroy the pupae. | |
| | Ginger / | Vegetative stage | Rhizome rot | Proper drainage and sanitation should be maintained. | |
| | turmeric | | | Timely earthing up should be carried out. | |
| | | | | Livestock | |
| | | Water stag | gnation should l | be avoided in livestock shed to avoid mosquito breeding | |
| | | | Daily provide | clean and cool drinking water to the animals | |
| | Poultry | High humi drugs | dity is favoura | ble for occurrence of coccidiodial disease in poultry, provide anti-coccidial | |
| | Piggery | | | n against Japanese encephalitis, a mosquito borne disease . Avoid stagnant <i>y</i> , maintain proper hygienic condition | |
| | | | | Fisheries | |
| High Strift | | • Due to heavy rainfall and muddy water influx from the surrounding areas, the ponds may result reduction of dissolved oxygen. Stir the water with a bamboo pole as it will help in increasing the oxyge and protect the fishes from suffocation | | | |

| SCIENTIFIC | EXPERT | COMMITTEE |
|------------|--------|-----------|
|------------|--------|-----------|

| Sl.no | Name | Designation | Department | |
|-------|------------------|---------------------|-----------------------------------|--------------------------|
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| 3 | Ph. Romen Sharma | Scientist | Agricultural Extension | romen.agext@gmail.com |
| 4 | Dr. Rajesha G | Scientist | Plant Pathology | rajeshag337@gmail.com |
| 5 | Dr. Mahak Singh | Scientist | Animal Reproduction & Gynaecology | mahaksinghivri@gmail.com |
| | Dr. Azeze Seyie | Scientist | Spices, Plantation & Medicinal & | |
| 6 | | | Aromatic Plants | azezeseyie@yahoo.com |
| 7 | Jyotish Barman | Scientist | Fisheries Resource Management | jyotish5@gmail.com |
| 8 | Aabon W Yanthan | Scientist | Vegetable Science | aabon.iari@gmail.com |



Integrated Agromet Advisory Service Bulletin from 12th to 16th Sept'18 Dimapur District

Bulletin No:73/2018

| Weather summary of the preceding week | Weather forecast valid upto 16 th Sept' 2018 |
|--|--|
| Light rain occurred the past week | Probability of moderate rain the coming week. |
| • Maximum and minimum temperatures ranged 32 ^o C to | • Max temp is likely to be 31° C - 32° C and the min temp 24° C to 25° C |
| 34° C and 24° C to 25° C, respectively. | Sky is likely to be mainly cloudy the coming week |
| Relative humidity varied from 60% to 95%. | • Relative Humidity is likely to range from 70% to 95%. |
| • Wind speed ranged from 2 to 3 kmph | • Wind speed may reach upto 1- 2 kmph |
| | Wind direction will be mostly southeasterly |
| | |

| | Field crops | | | | | |
|-------------|-----------------------|---------------|--|--|--|--|
| Main Crops | Main Crops Stage Pest | | Agro-meteorological Advisories | | | |
| | U | Diseases | | | | |
| Jhum Paddy | Milk | Gundhi bug | Weed sanitation and eradication of alternate hosts from rice fields and | | | |
| 2 | development | U | surrounding areas can help prevent the multiplication of the bug. | | | |
| | stage | | Mechanical control measures such as smoking the field, hand-picking of adults | | | |
| | | | and nymphs have also been advocated | | | |
| TRC/WRC | Stem elongation | Blast | For rice blast management, destroy the infested residue, stubbles, grass and | | | |
| paddy | stage | | weeds present in the bunds of the field as they act as a source for the infection. | | | |
| | | | Avoid excess use of nitrogen fertilizer | | | |
| Soybean | Podding stage | - | Proper drainage should be maintained and timely earthing up should be carried | | | |
| | | | out | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | Horticultural crop | | | |
| • Proper we | eding, earthing up s | hould be done | and staking should be done for good production. | | | |
| Citrus | | Trunk | To kill the trunk borer grubs, clean the bored holes of the infested trunk with iron | | | |
| | | borer | wire and insert a cotton swab soaked in petrol or kerosene and plug with mud. | | | |
| Cucurbits | Harvesting stage | - | Avoid injuries during harvesting and handling. | | | |
| 01 | Emilia e de | C a s t t s d | | | | |
| Okra | Fruiting to | Spotted | • <i>Remove regularly the attacked fruits and bury deep in the soil.</i> | | | |
| | harvesting stage | bollworm | Harvesting should be done timely | | | |

| | Brinjal | Fruiting and | Shoot and | Damage is done by caterpillars by affecting the shoots and fruits which are | | |
|---------------------|--|------------------|-------------|---|--|--|
| | v | harvesting stage | fruit borer | rendered unfit for consumption. | | |
| | | | | Dropping and wilting shoots indicate the presence of caterpillars in the nodes of | | |
| | | | | the stem and large holes in the fruits indicate exit holes of the caterpillars, | | |
| | | | | Destroy affected fruits and dropping shoots, by burning and burying, and | | |
| | | | | clean culture to destroy the pupae. | | |
| | Ginger / | Vegetative stage | Rhizome | Proper drainage and sanitation should be maintained. | | |
| | turmeric | | rot | Timely earthing up should be carried out. | | |
| | Livestock | | | | | |
| | Water stagnation should be avoided in livestock shed to avoid mosquito breeding. | | | | | |
| | Daily provide clean and cool drinking water to the animals | | | | | |
| | • High humidity is favourable for occurrence of coccidiodial disease in poultry, provide anti-coccidial drugs | | | | | |
| | Piggery • Precaution should be taken against Japanese encephalitis, a mosquito borne disease. Avoid stagnant water in and around the sty, maintain proper hygienic condition | | | | | |
| | | | | Fisheries | | |
| Higo Strigg ICAR | Due to heavy rainfall and muddy water influx from the surrounding areas, the ponds may res reduction of dissolved oxygen. Stir the water with a bamboo pole as it will help in increasing the or and protect the fishes from suffocation | | | | | |
| | | | | | | |

| SCIENTIFIC EXPERT C | OMMITTEE |
|---------------------|----------|
|---------------------|----------|

| Sl.no | Name | Designation | Department | |
|-------|------------------|---------------------|-----------------------------------|--------------------------|
| 1 | Dr.D.J. Rajkhowa | Principle Scientist | Agronomy | djrajkhowa@gmail.com |
| 2 | Dr. L.K. Baishya | Senior Scientist | Agronomy | lkbicar@gmail.com |
| 3 | Ph. Romen Sharma | Scientist | Agricultural Extension | romen.agext@gmail.com |
| 4 | Dr. Rajesha G | Scientist | Plant Pathology | rajeshag337@gmail.com |
| 5 | Dr. Mahak Singh | Scientist | Animal Reproduction & Gynaecology | mahaksinghivri@gmail.com |
| | Dr. Azeze Seyie | Scientist | Spices, Plantation & Medicinal & | |
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| 7 | Jyotish Barman | Scientist | Fisheries Resource Management | jyotish5@gmail.com |
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Integrated Agromet Advisory Service Bulletin from 12th to 16th Sept'18 Kiphire District

Bulletin No:73/2018

| Weather summary of the preceding week | Weather forecast valid upto 16 th Sept' 2018 |
|--|--|
| Moderate rain occurred the past week | Probability of moderate rain the coming week. |
| • Maximum and minimum temperatures ranged | • Max temp is likely to be 27° C to 32° C and the min temp 21° C to 24° C |
| 30° C to 31° C and 21° C to 23° C, respectively. | Sky is likely to be mainly cloudy the coming week |
| Relative humidity varied from 68% to 94%. | Relative Humidity is likely to range from 65% to 95%. |
| • Wind speed ranged from 1 to 2 kmph | • Wind speed may reach upto 2-3 kmph |
| | Wind direction will be mostly southeasterly |
| | a the second |

In-situ rain water conservation through mulching and ex-situ moisture conservation through low cost water harvesting structure like Jalkund should be carried out.

| | Field crops | | | | | |
|------------------|---|-------------|---|--|--|--|
| Main Crops | Main Crops Stage Pest/ Agro-meteorological Advisories Diseases Diseases Diseases Diseases | | Agro-meteorological Advisories | | | |
| Jhum Paddy | Milk development stage | Gundhi bug | Weed sanitation and eradication of alternate hosts from rice fields and surrounding areas can help prevent the multiplication of the bug. Mechanical control measures such as smoking the field, hand-picking of adults and nymphs have also been advocated | | | |
| TRC/WRC paddy | Stem elongation stage | Leaf folder | To control the pest, mechanical methods, such as rope method (to dislodge the larvae) is advised. In this method, water is allowed to stand in the field up to 2 cm and a rope is hold by two persons at two corners of the field and it is moved in such a way that it swayed the standing paddy crop. The larvae which feed on the folded leafs fall in the water due to mechanical disturbances. After that bunds are opened at many places to drain out water. Insects are collected and destroyed. This process should be repeated two to three times to get desirable result. | | | |
| Soybean | Podding stage | - | Proper drainage should be maintained and timely earthing up should be carried out | | | |
| • Proper we | <i>Horticultural crop</i> Proper weeding, earthing up should be done and staking should be done for good production. | | | | | |
| Citrus | | Trunk borer | To kill the trunk borer grubs, clean the bored holes of the infested trunk with iron wire and insert a cotton swab soaked in petrol or kerosene and plug with mud. | | | |

| | Cucurbits | Harvesting stage | - | Avoid injuries during harvesting and handling. |
|--------------------|---|----------------------------------|---|---|
| | Okra | Fruiting to harvesting stage | Spotted bollworm | <i>Remove regularly the attacked fruits and bury deep in the soil.</i> <i>Harvesting should be done timely</i> |
| | Brinjal | Fruiting and harvesting stage | Shoot and fruit borer | Damage is done by caterpillars by affecting the shoots and fruits which are rendered unfit for consumption. Dropping and wilting shoots indicate the presence of caterpillars in the nodes of the stem and large holes in the fruits indicate exit holes of the caterpillars, Destroy affected fruits and dropping shoots, by burning and burying, and clean culture to destroy the pupae. |
| | Ginger / turmeric | Vegetative stage | Rhizome rot | Proper drainage and sanitation should be maintained. Timely earthing up should be carried out. |
| | Livestock Water stagnation should be avoided in livestock shed to avoid mosquito breeding. Daily provide clean and cool drinking water to the animals Poultry • High humidity is favourable for occurrence of coccidiodial disease in poultry, provide and cool drinking water to the animals | | | be avoided in livestock shed to avoid mosquito breeding. |
| | Piggery | | | against Japanese encephalitis, a mosquito borne disease . Avoid stagnant water tain proper hygienic condition |
| | | Fisheries | | |
| HIIP3H-III ICAR | | of dissolved | eavy rainfall and muddy water influx from the surrounding areas, the ponds may result in reduct ved oxygen. Stir the water with a bamboo pole as it will help in increasing the oxygen and pro s from suffocation | |

| Sl.no | Name | Designation | Department | |
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| 4 | Dr. Rajesha G | Scientist | Plant Pathology | rajeshag337@gmail.com |
| 5 | Dr. Mahak Singh | Scientist | Animal Reproduction & Gynaecology | mahaksinghivri@gmail.com |
| | Dr. Azeze Seyie | Scientist | Spices, Plantation & Medicinal & | |
| 6 | | | Aromatic Plants | azezeseyie@yahoo.com |
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Integrated Agromet Advisory Service Bulletin from 12th to 16th Sept'18 Kohima District

Bulletin No:73/2018

| Weather summary of the preceding week | Weather forecast valid upto 16 th Sept' 2018 | | | |
|--|--|--|--|--|
| Moderate rain occurred the past week | Probability of moderate rain the coming week. | | | |
| • Maximum and minimum temperatures ranged 26 | • Max temp is likely to be 24° C - 28° C and the min temp 18° C to 20° C | | | |
| 0 C to 28 0 C and 19 0 C to 21 0 C, respectively. | Sky is likely to be mainly cloudy the coming week | | | |
| Relative humidity varied from 58% to 97%. | Relative Humidity is likely to range from 68% to 95%. | | | |
| • Wind speed ranged from 2 to 3 kmph | • Wind speed may reach upto 2-3 kmph | | | |
| | Wind direction will be mostly southeasterly | | | |
| In situ rain water conservation through mulching and ex-situ moisture conservation through low cost water harvesting structure | | | | |

In-situ rain water conservation through mulching and ex-situ moisture conservation through low cost water harvesting structure like Jalkund should be carried out.

| Field crops | | | | | |
|---|------------------------------|-------------------|--|--|--|
| Main Crops Stage Pest/ Diseases | | Pest/ Diseases | Agro-meteorological Advisories | | |
| Jhum Paddy | Milk development stage | Gundhi bug | Weed sanitation and eradication of alternate hosts from rice fields as surrounding areas can help prevent the multiplication of the bug.Mechanical control measures such as smoking the field, hand-picking adults and nymphs have also been advocated | | |
| TRC/WRC paddy | Stem elongation stage | Brown spot | Monitor the field against brown spot, leaves show oval shaped foliar spots with yellow halo. Severely affected field presents a reddish appearance. | | |
| Soybean | Podding stage | - | Proper drainage should be maintained and timely earthing up should carried out | | |
| <i>Horticultural crop</i> Proper weeding, earthing up should be done and staking should be done for good production. | | | | | |
| Citrus | | Trunk borer | To kill the trunk borer grubs, clean the bored holes of the infested trunk with iron wire and insert a cotton swab soaked in petrol or kerosene and plug with mud. | | |
| Cucurbits | Harvesting stage | - | Avoid injuries during harvesting and handling. | | |

| | Okra | Fruiting to | Spotted | • <i>Remove regularly the attacked fruits and bury deep in the soil.</i> | |
|----------|--|------------------|--------------------|--|--|
| | | harvesting stage | bollworm | • Harvesting should be done timely | |
| | Brinjal | Fruiting and | Shoot and | Damage is done by caterpillars by affecting the shoots and fruits which | |
| | | harvesting stage | fruit borer | are rendered unfit for consumption. | |
| | | | | Dropping and wilting shoots indicate the presence of caterpillars in the | |
| | | | | nodes of the stem and large holes in the fruits indicate exit holes of the | |
| | | | | caterpillars, | |
| | | | | Destroy affected fruits and dropping shoots, by burning and burying, and | |
| | | | | clean culture to destroy the pupae. | |
| | Ginger / | Vegetative stage | Rhizome rot | Proper drainage and sanitation should be maintained. | |
| | turmeric | | | Timely earthing up should be carried out. | |
| | Khasi | New flush | | During the month of August, Bordeaux paste should be applied on the tree | |
| | Mandarin | | | trunk (upto 60cm height from ground level). | |
| | | | | Livestock | |
| | Water stagnation should be avoided in livestock shed to avoid mosquito breeding. | | | | |
| | Daily provide clean and cool drinking water to the animals Poultry High humidity is favourable for occurrence of coccidiodial disease in poultry, provide anti-cocciding | | | | |
| | | | | | |
| | Piggery• Precaution should be taken against Japanese encephalitis, a mosquito borne stagnant water in and around the sty, maintain proper hygienic condition | | | | |
| | Fisheries | | | | |
| | • Due to heavy rainfall and muddy water influx from the surrounding areas, the ponds may result in | | | | |
| | reduction of dissolved oxygen. Stir the water with a bamboo pole as it will help in increasing the oxygen and protect the fishes from suffocation | | | | |
| | | oxygen and | i protect the fish | tes from suffocation | |
| | | | | | |
| भाकुअनुप | | | | | |
| ICAR | | | | | |

| Sl.no | Name | Designation | Department | |
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