

NAGALAND CENTER, JHARNAPANI, MEDZIPHEMA

ICAR RESEARCH COMPLEX FOR NEH REGION (Indian Council of Agricultural Research)

Integrated Agromet Advisory Service Bulletin 1st to 5th August '15 Mokokchung District

| | | | Bulletin No: 61/2015 | | | |
|--|-------------------------------|-----------------------|--|--|--|--|
| Weather si | ummary of the preced | ling week | Weather forecast valid upto 5 th August'15 | | | |
| Medium rain occurred the past weekIMaximum and minimum temperatures ranged 25° CIto 30° C and 19° C to 20° C, respectively.aRelative humidity varied from 64% to 95%.IWind speed ranged from 1 to 2 kmph.I | | | Probability light rain will occur the coming week Max temp is expected to be around 23 ^o C - 31 ^o C and min temp is expected to be around 18 ^o C to 21 ^o C. Possibility of mainly cloudy sky the coming week Relative Humidity will range from 58% to 95% and Wind speed 1– 2 kmph Wind direction will be mostly southwesterly | | | |
| Main Crops | Stage | Pest/ Diseases | Agro-meteorological Advisories | | | |
| 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 Terrace/ Wetland paddy | Tillering 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. | | | |
| Jhum paddy | Inflorescence stage | Gundhi bug | Weed sanitation and eradication of alternate hosts from ricefields 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 | | | |
| Maize | Tassel initiation stage | - | Maintain proper sanitation in the field. | | | |
| Groundnut | Vegetative stage | - | Timely weeding should be done to improve crop productivity till 40 days after sowing. | | | |
| Horticultural cr | ops | | | | | |
| Citrus | New flush | Leaf miner | Citrus leaf miner is attracted to new flush. Avoid pruning live branches more than once a year so that cycles of flushing are uniform and short. Once the leaves harden, the pest will not be able to mine the leaves. | | | |
| Cucurbits | Fruiting stage | | Daily scouting should be done to check for insect pest. | | | |
| 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. | | | |
|-------------------|---------|--|-------------|--|--|--|--|
| | Chilli | Flowering to fruiting stage | - | Remove the damaged fruit and shoot and destroy it. | | | |
| | Ginger | Vegetative stage | Rhizome rot | Farmers are advised to maintain good drainage in the field to avoid rhizome rot. | | | |
| | Piggery | For piggery, the feeding ration should consists of grains for energy supplements like rice, maize, wheat other millets; protein supplements of oil cakes, fish meal and meat meal and mineral and vitamin supplements. | | | | | |
| | Poultry | Avoid overcrowding, Keep the poultry house clean and dry, provide only clean drinking water and provide electrovet powder after vaccination. | | | | | |
| HIEP3HIEI ICAR | Fishery | Do not let weeds cover more than one quarter of the surface. If there are too many weeds, clean your pond. Do not plant big trees near your pond. If there are already big trees there, cut any branches that hang over the pond. Water in your pond may not turn green enough if your pond is in the shade. | | | | | |



Integrated Agromet Advisory Service Bulletin from 1st to 5th August '15 Mon District

Bulletin No:61/2015

| | nmary of the preced | ing week | Weather forecast valid upto 5 th August'15 | | | | |
|---|--|----------------|--|--|--|--|--|
| Light rain occur | rred the past week | | Probability light rain will occur the coming week. | | | | |
| • Maximum and minimum temperatures ranged | | | • The max temp is likely to be 23° C - 30° C and the min temp 19° C - 21° C. | | | | |
| 23° C to 28° C an | d 18° C to 20° C, resp | ectively. | Sky is likely to be partly cloudy the coming week | | | | |
| Relative humidi | ty varied from 73% | to 95%. | Relative Humidity is likely to range from 57% to 93% | | | | |
| • Wind speed rang | ged from 1 to 2 kmp | h | • Wind speed may reach upto 2- 3 kmph | | | | |
| - | | | Wind direction will be mostly southwesterly | | | | |
| Main Crops | Stage | Pest/ | Agro-meteorological Advisories | | | | |
| le l | Ŭ | Diseases | | | | | |
| In-situ rain water | conservation throug | gh mulching an | d ex-situ moisture conservation through low cost water harvesting structure | | | | |
| like Jalkund shou | ld be carried out. | | | | | | |
| Field crops | | | | | | | |
| Terrace/ | Tillering stage | Brown spot | Monitor the field against brown spot, leaves show oval shaped foliar | | | | |
| Wetland paddy | | - | spots with yellow halo. Severely affected field presents a reddish | | | | |
| 1 2 | | | appearance. | | | | |
| Jhum paddy | Inflorescence | Gundhi | Weed sanitation and eradication of alternate hosts from ricefields and | | | | |
| | stage | bug | 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 | | | | |
| Maize | Tassel initiation | - | Maintain proper sanitation in the field. | | | | |
| | stage | | | | | | |
| | U | | | | | | |
| Groundnut | Vegetative stage | - | Timely weeding should be done to improve crop productivity till 40 days | | | | |
| | | | after sowing. | | | | |
| Horticultural cro | Iorticultural crops | | | | | | |
| Citrus | New flush | Leaf miner | Citrus leaf miner is attracted to new flush. Avoid pruning live branches more than | | | | |
| Cinus | | | once a year so that cycles of flushing are uniform and short. Once the leaves | | | | |
| | | | harden, the pest will not be able to mine the leaves. | | | | |
| Cucurbits | Fruiting stage | | Daily scouting should be done to check for insect pest. | | | | |
| | | | | | | | |
| Brinjal | Fruiting and | Shoot and | Damage is done by caterpillars by affecting the shoots and fruits which are | | | | |
| Dringui | harvesting stage | fruit borer | rendered unfit for consumption. | | | | |
| | harvesting stage | nun oorer | | | | | |

ICAR RESEARCH COMPLEX FOR NEH REGION (Indian Council of Agricultural Research) NAGALAND CENTER, JHARNAPANI,MEDZIPHEMA

| | Chilli | Flowering to fruiting stage | _ | 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. Remove the damaged fruit and shoot and destroy it. | | | | | |
|----------|---------|---|-------------|--|--|--|--|--|--|
| | Ginger | Vegetative stage | Rhizome rot | Farmers are advised to maintain good drainage in the field to avoid rhizome rot. | | | | | |
| | Piggery | For piggery, the feeding ration should consists of grains for energy supplements like rice, maize, wheat other millets; protein supplements of oil cakes, fish meal and meat meal and mineral and vitamin supplements. | | | | | | | |
| | Poultry | Avoid overcrowding, Keep the poultry house clean and dry, provide only clean drinking water and provide electrovet powder after vaccination. | | | | | | | |
| HEPSIFIC | Fishery | Do not let weeds cover more than one quarter of the surface. If there are too many weeds, clean your pond. Do not plant big trees near your pond. If there are already big trees there, cut any branches that hang over the pond. Water in your pond may not turn green enough if your pond is in the shade. | | | | | | | |



Integrated Agromet Advisory Service Bulletin 1st to 5th August '15 Peren District

| | | | Bulletin No:61/2015 |
|---|----------------------------------|-----------------------|---|
| Weather sun | nmary of the preced | ling week | Weather forecast valid upto 5 th August '15 |
| Maximum and minimum temperature range from 27^{0} C to 30^{0} C and 19^{0} C to 20^{0} C, respectively. Relative humidity varied from 52% to 95%. Wind speed ranged from 1 to 2 kmph. | | | Probability medium rain will occur the coming week Max temp is expected to be around 25^{0} C - 32^{0} C and min temp is expected to be around 18^{0} C to 20^{0} C. Possibility of mainly cloudy sky the coming week Relative Humidity will range from 50% to 94% The wind speed may reach upto 2 - 4 kmph Wind direction will blow from southerly |
| Main Crops | Stage | Pest/ diseases | Agro-meteorological Advisories |
| Field crops | | | |
| Lowland paddy | Tillering 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. |
| | | Gundhi bug | Weed sanitation and eradication of alternate hosts from ricefields 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 |
| Maize | Tassel initiation stage | - | Maintain proper sanitation in the field. |
| Groundnut | Vegetative stage | - | Timely weeding should be done to improve crop productivity till 40 days after sowing. |
| Horticultural cro | pps | | |
| Citrus | New flush | Leaf miner | Citrus leaf miner is attracted to new flush. Avoid pruning live branches more than once a year so that cycles of flushing are uniform and short. Once the leaves harden, the pest will not be able to mine the leaves. |
| Cucurbits | Fruiting stage | | Daily scouting should be done to check for insect pest. |
| 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 |

NAGALAND CENTER, JHARNAPANI. MEDZIPHEMA ICAR RESEARCH COMPLEX FOR NEH REGION (Indian Council of Agricultural Research)

| | | | | 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. | | | | |
|---------|---------|--|-------------|--|--|--|--|--|
| | Chilli | Flowering to fruiting stage | - | Remove the damaged fruit and shoot and destroy it. | | | | |
| | Ginger | Vegetative stage | Rhizome rot | Farmers are advised to maintain good drainage in the field to avoid rhizome rot. | | | | |
| | Piggery | | - | should consists of grains for energy supplements like rice, maize, wheat other bil cakes, fish meal and meat meal and mineral and vitamin supplements. | | | | |
| | Poultry | Avoid overcrowding, Keep the poultry house clean and dry, provide only clean drinking water and provide electrovet powder after vaccination. Do not let weeds cover more than one quarter of the surface. If there are too many weeds, clean your pond. Do not plant big trees near your pond. If there are already big trees there, cut any branches that hang over the pond. Water in your pond may not turn green enough if your pond is in the shade. | | | | | | |
| HEPSHER | Fishery | | | | | | | |



NAGALAND CENTER, JHARNAPANI, MEDZIPHEMA

CAR RESEARCH COMPLEX FOR NEH REGION (Indian Council of Agricultural Research)

Integrated Agromet Advisory Service Bulletin 1st to 5th August '15 Phek District

Bulletin No: 61/2015

| | | | | Bulletin No: 61/2015 | | |
|---------------------|------------------------------------|------------------------------------|--------------------------|--|--|--|
| | Weather su | mmary of the prec | eding week | Weather forecast valid upto 5 th August '15 | | |
| | Medium rain occurred the past week | | | Probability there will be light rain the coming week | | |
| | | d minimum temper | | Max temp is expected to be around 21°C - 29°C and min temp is expected to be | | |
| | from $24^{\circ}C$ 1 | to 26° C and 18° | 0 C to 19 0 C, | around 17^{0} C to 20^{0} C. | | |
| | respectively. | | | Possibility of mainly cloudy sky the coming week | | |
| | | dity varied from 72 | | Relative Humidity will range from 73% to 94% | | |
| | Wind speed ra | anged from 1 to 2 k | mph. | The wind speed 1- 2 kmph | | |
| | | | | Wind direction will blow from southwesterly | | |
| | Main | Stage | Pest/ | Agro-meteorological Advisories | | |
| | Crops | | Diseases | | | |
| | | | hrough mulching | ng and ex-situ moisture conservation through low cost water harvesting structure like | | |
| _ | | d be carried out. | | | | |
| _ | Field crops | D'11 | | | | |
| | Terrace/ | Tillering stage | Brown spot | Monitor the field against brown spot, leaves show oval shaped foliar spots with | | |
| | Wetland | | | yellow halo. Severely affected field presents a reddish appearance. | | |
| - | paddy Jhum paddy | Inflorescence | Gundhi bug | Weed sanitation and eradication of alternate hosts from ricefields and surrounding | | |
| | Jnum puuuy | | Oundin bug | 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 | | |
| - | Maize | Tassel initiation | _ | Maintain proper sanitation in the field. | | |
| | | stage | | | | |
| | | stuge | | | | |
| | Groundnut | Vegetative | - | Timely weeding should be done to improve crop productivity till 40 days after | | |
| | | stage | | sowing. | | |
| | | | | | | |
| Horticultural crops | | | | | | |
| | Citrus | New flush | Leaf miner | Citrus leaf miner is attracted to new flush. Avoid pruning live branches more than once a | | |
| | | | | year so that cycles of flushing are uniform and short. Once the leaves harden, the pest will not be able to mine the leaves. | | |
| | Cucurbits | Fruiting stage | | Daily scouting should be done to check for insect pest. | | |
| | Cucurous | Tutting stage | | Dany scouing should be done to check for insect pest. | | |

| | 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. | | | |
| | Chilli | Flowering to fruiting stage | - | Remove the damaged fruit and shoot and destroy it. | | | |
| | Ginger | Vegetative stage | Rhizome rot | Farmers are advised to maintain good drainage in the field to avoid rhizome rot. | | | |
| | Piggery | For piggery, the feeding ration should consists of grains for energy supplements like rice, maize, wheat other millets; | | | | | |
| | | protein supplements of oil cakes, fish meal and meat meal and mineral and vitamin supplements. | | | | | |
| | Poultry | Avoid overcrowd powder after vacc | poultry house clean and dry, provide only clean drinking water and provide electrovet | | | | |
| | Fishery | Do not let weeds | cover more tha | n one quarter of the surface. If there are too many weeds, clean your pond. | | | |
| XILLE | | Do not plant big trees near your pond. If there are already big trees there, cut any branches that hang over the pond. | | | | | |
| | | Water in your pond may not turn green enough if your pond is in the shade. | | | | | |
| भाकुअनुप | | | | | | | |
| ICAR | | | | | | | |



Integrated Agromet Advisory Service Bulletin 1st to 5th August '15 Tuensang District

| | | Bulletin No:61/2015 | | | |
|--------------|-------------------------------------|---------------------|---|--|--|
| Weather | summary of the prece | eding week | Weather forecast valid upto 5 th August'15 | | |
| | curred the past week | | Probability there will be light rain the coming week | | |
| | nd minimum temper | atures ranged | Max temp is expected to be around 28° C - 29° C and min temp is expected to | | |
| | C and $15^{0}C$ to $16^{0}C$, re | | be around 15° C to 16° C. | | |
| Relative hum | hidity varied from 70% | 6 to 95%. | Possibility of mainly cloudy sky the coming week | | |
| Wind speed | ranged from 1 to 2 km | iph. | Relative humidity will range from 63% to 95% | | |
| | | | Wind speed 2- 4 kmph | | |
| | | | Wind direction will be mostly southwesterly | | |
| Main Crops | s Stage | Pest/ | Agro-meteorological Advisories | | |
| | | Diseases | | | |
| | | ough mulching | and ex-situ moisture conservation through low cost water harvesting structure | | |
| | should be carried out. | | | | |
| Field crops | | | | | |
| Terrace/ | Tillering stage | Brown spot | Monitor the field against brown spot, leaves show oval shaped foliar spots | | |
| | Wetland | | with yellow halo. Severely affected field presents a reddish appearance. | | |
| paddy | T | Consults' house | | | |
| Jhum paddy | | Gundhi bug | Weed sanitation and eradication of alternate hosts from ricefields and 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 | | |
| Maize | Tassel initiation | | Maintain proper sanitation in the field. | | |
| man | | | maintain proper sunitation in the field. | | |
| | stage | | | | |
| Groundnut | Vegetative stage | _ | Timely weeding should be done to improve crop productivity till 40 days | | |
| | | | after sowing. | | |
| Horticulture | | | ujier sowing. | | |
| | | | | | |
| Citrus | | | Citrus leaf miner is attracted to new flush. Avoid pruning live branches more than once a year so that cycles of flushing are uniform and short. Once the leaves | | |
| | | | harden, the pest will not be able to mine the leaves. | | |
| Cucurbits | Fruiting stage | | Daily scouting should be done to check for insect pest. | | |
| Brinjal | Fruiting and | Shoot and | Damage is done by caterpillars by affecting the shoots and fruits which are | | |
| 2. i.i.jut | 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. | | |
|------------|---------|--|-----------------|--|--|--|
| | Chilli | Flowering to fruiting stage | - | Remove the damaged fruit and shoot and destroy it. | | |
| | Ginger | Vegetative stage | Rhizome rot | Farmers are advised to maintain good drainage in the field to avoid rhizome rot. | | |
| | Piggery | For piggery, the feeding ration should consists of grains for energy supplements like rice, maize, wheat other millets; protein supplements of oil cakes, fish meal and meat meal and mineral and vitamin supplements. Avoid overcrowding, Keep the poultry house clean and dry, provide only clean drinking water and provide electrovet powder after vaccination. | | | | |
| | Poultry | | | | | |
| HIGPSIFILI | Fishery | Do not plant big tr | ees near your p | one quarter of the surface. If there are too many weeds, clean your pond. ond. If there are already big trees there, cut any branches that hang over the a turn green enough if your pond is in the shade. | | |



Integrated Agromet Advisory Service Bulletin 1st to 5th August '15 Wokha District

Bulletin No:61/2015

| | | | Bulletin N0:01/2015 | |
|--|---|-------------------|--|--|
| Weather s | ummary of the preced | ing week | Weather forecast valid upto 5 th August '15 | |
| Maximum and minimum temperatures ranged from 26°C to 32°C and 20°C to 21°C, respectively. Relative humidity varied from 57% to 95%. Wind speed ranged from 2 to 3 kmph | | | Probability light rain will occur the coming week Max temp is expected to be around 23^{0} C - 31^{0} C and min temp is expected to be around 19^{0} C to 20^{0} C. Possibility of mainly cloudy sky the coming week Relative Humidity will range from 56% to 97% The wind speed 2– 3 kmph Wind direction will blow from southerly | |
| Main Crops | Stage | Pest/ Diseases | Agro-meteorological Advisories | |
| | er conservation through ould be carried out. | n mulching and | l ex-situ moisture conservation through low cost water harvesting structure | |
| Terrace/ Wetland paddy | Tillering 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. | |
| Jhum paddy | Inflorescence stage | Gundhi bug | Weed sanitation and eradication of alternate hosts from ricefields 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 | |
| Maize | Tassel initiation stage | - | Maintain proper sanitation in the field. | |
| Groundnut | Vegetative stage | - | <i>Timely weeding should be done to improve crop productivity till 40 days after sowing.</i> | |
| Horticultural c | rops | | | |
| | | Leaf miner | Citrus leaf miner is attracted to new flush. Avoid pruning live branches more than once a year so that cycles of flushing are uniform and short. Once the leaves harden, the pest will not be able to mine the leaves. | |
| Cucurbits | Fruiting stage | | Daily scouting should be done to check for insect pest. | |
| Brinjal | • | | Damage is done by caterpillars by affecting the shoots and fruits which are rendered unfit for consumption. | |

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| | | | | 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. | | | | |
|--------|---------|---|-------------|--|--|--|--|--|
| | Chilli | Flowering to fruiting stage | - | Remove the damaged fruit and shoot and destroy it. | | | | |
| | Ginger | Vegetative stage | Rhizome rot | Farmers are advised to maintain good drainage in the field to avoid rhizome rot. | | | | |
| | Piggery | For piggery, the feeding ration should consists of grains for energy supplements like rice, maize, wheat other millets; protein supplements of oil cakes, fish meal and meat meal and mineral and vitamin supplements. | | | | | | |
| | Poultry | Avoid overcrowding, Keep the poultry house clean and dry, provide only clean drinking water and provide electrovet powder after vaccination.Do not let weeds cover more than one quarter of the surface. If there are too many weeds, clean your pond. Do not plant big trees near your pond. If there are already big trees there, cut any branches that hang over the pond. Water in your pond may not turn green enough if your pond is in the shade. | | | | | | |
| HEPSHE | Fishery | | | | | | | |







Integrated Agromet Advisory Service Bulletin 1st to 5th August '15 Zunheboto District

Cucurbits

Brinjal

Fruiting stage

Fruiting and

harvesting stage

Shoot and fruit borer

| | | | Bulletin No:61/2015 |
|--|--|---|--|
| Weather st | ummary of the prec | eding week | Weather forecast valid upto 5 th August '15 |
| Maximum an from 24 ^o C respectively. Relative humi | occurred the past we ad minimum tempe to 26° C and 18 idity varied from 76 anged from 1 to 2 kr | ratures ranged 80 C to 19 90 C, % to 98%. | Probability light rain will occur the coming week Max temp is expected to be around 21°C - 29°C and min temp is expected to be around 17°C to 20°C. Possibility of mainly cloudy sky the coming week Relative Humidity will range from 60% to 94% The wind speed 1- 2 kmph Wind direction will blow from southwesterly |
| Main Crops | Stage | Pest/ Diseases | Agro-meteorological Advisories |
| like Jalkund s | ater conservation th hould be carried out | | g and ex-situ moisture conservation through low cost water harvesting structure |
| Field crops | Tillering stops | Duorum on of | Marian de Caldar inder hanne med la more de sur and de line en de |
| Terrace/ Wetland paddy | Tillering 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. |
| Jhum paddy | Inflorescence stage | Gundhi bug | Weed sanitation and eradication of alternate hosts from ricefields 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 |
| Maize | Tassel initiation stage | - | Maintain proper sanitation in the field. |
| Groundnut | Vegetative stage | - | Timely weeding should be done to improve crop productivity till 40 days after sowing. |
| Horticultural | crops | | |
| Citrus | New flush | Leaf miner | Citrus leaf miner is attracted to new flush. Avoid pruning live branches more than once a year so that cycles of flushing are uniform and short. Once the leaves |

harden, the pest will not be able to mine the leaves.

rendered unfit for consumption.

Daily scouting should be done to check for insect pest.

Damage is done by caterpillars by affecting the shoots and fruits which are

| | Chilli | Flowering to | | 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. Remove the damaged fruit and shoot and destroy it. | |
|--------------------|---------|---|----------------|---|--|
| | Chuu | fruiting stage | - | Kemove the damaged fruit and shoot and destroy it. | |
| | Ginger | Vegetative stage | Rhizome rot | Farmers are advised to maintain good drainage in the field to avoid rhizome rot. | |
| | Piggery | For piggery, the feeding ration should consists of grains for energy supplements like rice, millets; protein supplements of oil cakes, fish meal and meat meal and mineral and vitamin supplements. | | | |
| | Poultry | Avoid overcrowding, Keep the poultry house clean and dry, provide only clean drinking water and provide electrovet powder after vaccination. | | | |
| HIGP 3H-TH ICAR | Fishery | Do not plant big t | rees near your | one quarter of the surface. If there are too many weeds, clean your pond. pond. If there are already big trees there, cut any branches that hang over the t turn green enough if your pond is in the shade. | |



Integrated Agromet Advisory Service Bulletin 1st to 5th August '15 Dimapur District

Bulletin No:61/2015

| | | | Bulletin No:61/2015 |
|---|---|--|--|
| Weather s | ummary of the prece | ding week | Weather forecast valid upto 5 th August '15 |
| Maximum and to 33 ⁰ C and 21 ⁰ Relative humid | ccurred the past week minimum temperatur ⁰ C to 23 ⁰ C, respective lity varied from 51% nged from 1 to 2 kmp? | res ranged 27 [°] C ely. to 94%. | Probability light rain will occur the coming week . The max temp is likely to be 25°C - 33°C and the min temp 20°C - 22°C. Sky is likely to be mainly cloudy the coming week Relative Humidity is likely to range from 49% to 95% Wind speed may reach upto 1- 2 kmph Wind direction will be mostly southerly |
| Main Crops | Stage | Pest/ diseases | Agro-meteorological Advisories |
| Field crops | | | |
| Lowland paddy | Tillering 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. |
| Jhum paddy | Inflorescence stage | Gundhi bug | Weed sanitation and eradication of alternate hosts from ricefields 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 |
| Maize | Tassel initiation stage | - | Maintain proper sanitation in the field. |
| Groundnut | Vegetative stage | - | Timely weeding should be done to improve crop productivity till 40 daysafter sowing. |
| Horticultural c | crops | | |
| Citrus | New flush | Leaf miner | Citrus leaf miner is attracted to new flush. Avoid pruning live branches more than once a year so that cycles of flushing are uniform and short. Once the leaves harden, the pest will not be able to mine the leaves. |
| Cucurbits | Fruiting stage | | Daily scouting should be done to check for insect pest. |
| 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. | |
|-----------------------------------|---------|--|-------------|--|--|
| | Chilli | Flowering to fruiting stage | - | Remove the damaged fruit and shoot and destroy it. | |
| | Ginger | Vegetative stage | Rhizome rot | Farmers are advised to maintain good drainage in the field to avoid rhizome rot. | |
| | Piggery | For piggery, the feeding ration should consists of grains for energy supplements like rice, maize, wheat other millets; protein supplements of oil cakes, fish meal and meat meal and mineral and vitamin supplements. Avoid overcrowding, Keep the poultry house clean and dry, provide only clean drinking water and provide electrovet powder after vaccination. | | | |
| | Poultry | | | | |
| HIGP 3H-JU HIGP 3H-JU HICAR | Fishery | Do not let weeds cover more than one quarter of the surface. If there are too many weeds, clean your pond. Do not plant big trees near your pond. If there are already big trees there, cut any branches that hang over the pond. Water in your pond may not turn green enough if your pond is in the shade. | | | |



NAGALAND CENTER, JHARNAPANI. MEDZIPHEMA

ICAR RESEARCH COMPLEX FOR NEH REGION (Indian Council of Agricultural Research)

Integrated Agromet Advisory Service Bulletin 1st to 5th August '15 Kiphire District

Bulletin No:61/2015

| Weather summary of the preceding week | | | Bulletin N0:01/2015 |
|---|--------------------------------------|--------------------------|---|
| weather su | mmary of the preced | ing week | Weather forecast valid upto 5 th August '15 |
| Maximum and minimum temperatures ranged from 22 ^o C to 23 ^o C and 16 ^o C to 17 ^o C, respectively. Relative humidity varied from 66% to 95%. Wind speed ranged from 1 to 2 kmph. | | | Probability light rain will occur the coming week Max temp is expected to be around 19 ^o C - 27 ^o C and min temp is expected to be around 16 ^o C to 17 ^o C. Possibility of mainly cloudy sky the coming week Relative Humidity will range from 63% to 94% The wind speed 1- 2 kmph Wind direction will blow from westerly |
| Main Crops | Stage | Pest/ diseases | Agro-meteorological Advisories |
| In-situ rain water Jalkund should b <i>Field crops</i> | _ | th mulching an | nd ex-situ moisture conservation through low cost water harvesting structure like |
| Terrace/ Wetland paddy | Tillering 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. |
| Jhum paddy Inflorescence Gundhi bug stage | | Gundhi bug | Weed sanitation and eradication of alternate hosts from ricefields 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 |
| Maize | Maize Tassel initiation - stage - | | Maintain proper sanitation in the field. |
| Groundnut | Vegetative stage | - | Timely weeding should be done to improve crop productivity till 40 days after sowing. |
| Horticultural cro | ops | | |
| | | Leaf miner | Citrus leaf miner is attracted to new flush. Avoid pruning live branches more than once a year so that cycles of flushing are uniform and short. Once the leaves harden, the pest will not be able to mine the leaves. |
| | | | Daily scouting should be done to check for insect pest. |
| 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. |
|-----------------|---------|--|-------------|--|
| | Chilli | Flowering to fruiting stage | - | Remove the damaged fruit and shoot and destroy it. |
| | Ginger | Vegetative stage | Rhizome rot | Farmers are advised to maintain good drainage in the field to avoid rhizome rot. |
| | Piggery | <i>gery</i> For piggery, the feeding ration should consists of grains for energy supplements like rice, maize, wheat millets; protein supplements of oil cakes, fish meal and meat meal and mineral and vitamin supplements. | | |
| | Poultry | Avoid overcrowdin electrovet powder a | | poultry house clean and dry, provide only clean drinking water and provide n. |
| HEP3HII ICAR | Fishery | Do not let weeds cover more than one quarter of the surface. If there are too many weeds, clean your pond. Do not plant big trees near your pond. If there are already big trees there, cut any branches that hang over the pond. Water in your pond may not turn green enough if your pond is in the shade. | | |



Integrated Agromet Advisory Service Bulletin 1st to 5th August '15 Kohima District

Bulletin No:61/2015

| | Weather su | mmary of the prece | ding week | Weather forecast valid upto 5 th August '15 |
|---|-------------------------------------|---------------------------------|----------------|--|
| | Medium rain occurred the past week. | | | Probability light rain will occur the coming week |
| | | ninimum temperatur | | Max temp is expected to be around 28° C - 30° C and min temp is expected |
| | | 115^{0} C to 16^{0} C, resp | | to be around 17° C to 18° C. |
| | | y varied from 59% t | | Possibility of cloudy sky the coming week |
| | Wind speed rang | ged from 1 to 2 kmpl | 1. | Relative Humidity will range from 51% to 94% |
| | | · · · | | Wind speed 1- 2 kmph |
| | | | | Wind direction will blow from southerly |
| | Main Crops | Stage | Pest/ | Agro-meteorological Advisories |
| | | | Diseases | |
| | In-situ rain wate | r conservation throu | gh mulching an | d ex-situ moisture conservation through low cost water harvesting structure |
| | like Jalkund show | uld be carried out. | | |
| | Field crops | | | |
| | Terrace/ | Tillering stage | Brown spot | Monitor the field against brown spot, leaves show oval shaped foliar |
| | Wetland paddy | | | spots with yellow halo. Severely affected field presents a reddish |
| | | | | appearance. |
| | Jhum paddy | Inflorescence | Gundhi bug | Weed sanitation and eradication of alternate hosts from ricefields and |
| | | stage | | 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 |
| | Maize | Tassel initiation | - | Maintain proper sanitation in the field. |
| | | stage | | |
| | | | | |
| | Groundnut | Vegetative stage | - | Timely weeding should be done to improve crop productivity till 40 days |
| | | | | after sowing. |
| | Horticultural cr | ops | | |
| | Citrus | New flush | Leaf miner | Citrus leaf miner is attracted to new flush. Avoid pruning live branches more |
| | | | | than once a year so that cycles of flushing are uniform and short. Once the |
| | | | | leaves harden, the pest will not be able to mine the leaves. |
| | Cucurbits | Fruiting stage | | Daily scouting should be done to check for insect pest. |
| | 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. | |
|-------------------|---------|---|-------------|--|--|
| | Chilli | Flowering to fruiting stage | - | Remove the damaged fruit and shoot and destroy it. | |
| | Ginger | Vegetative stage | Rhizome rot | Farmers are advised to maintain good drainage in the field to avoid rhizome rot. | |
| | Piggery | For piggery, the feeding ration should consists of grains for energy supplements like rice, maize, wheat ot millets; protein supplements of oil cakes, fish meal and meat meal and mineral and vitamin supplements. Avoid overcrowding, Keep the poultry house clean and dry, provide only clean drinking water and prove electrovet powder after vaccination. | | | |
| | Poultry | | | | |
| HIEP3HIEL ICAR | Fishery | Do not let weeds cover more than one quarter of the surface. If there are too many weeds, clean your pond. Do not plant big trees near your pond. If there are already big trees there, cut any branches that hang over the pond. Water in your pond may not turn green enough if your pond is in the shade. | | | |



Integrated Agromet Advisory Service Bulletin 1st to 5th August '15 Longleng District

| | | | Bulletin No:61/2015 |
|---|--|-----------------------|---|
| Weather st | ummary of the precedin | ig week | Weather forecast valid upto 5 th August '15 |
| 25 [°] C to 28 [°] C and Relative humidity | ed the past week. minimum temperatures 20 ⁰ C to 21 ⁰ C, respective varied from 64 to 95% ed from 1 to 2 kmph. | vely. | Probability light rain will occur the coming week Max temp is expected to be around 23° C - 26° C and min temp is expected to be around 18° C to 21° C. Possibility of mainly cloudy sky the coming week Relative Humidity will range from 55% to 95 The wind speed 1– 2 kmph Wind direction will blow from southerly |
| Main Crops | Stage | Pest/ diseases | Agro-meteorological Advisories |
| In-situ rain water like Jalkund shou <i>Field crops</i> | 0 | nulching and e | ex-situ moisture conservation through low cost water harvesting structure |
| Terrace/ Wetland paddy | Tillering 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. |
| Jhum paddy | Inflorescence stage | Gundhi bug | Weed sanitation and eradication of alternate hosts from ricefields 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 |
| Maize | Tassel initiation stage | - | Maintain proper sanitation in the field. |
| Groundnut | Vegetative stage | - | Timely weeding should be done to improve crop productivity till 40 days after sowing. |
| Horticultural cro | ps | | |
| Citrus | New flush | Leaf miner | Citrus leaf miner is attracted to new flush. Avoid pruning live branches more than once a year so that cycles of flushing are uniform and short. Once the leaves harden, the pest will not be able to mine the leaves. |
| Cucurbits | Fruiting stage | | Daily scouting should be done to check for insect pest. |
| 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 |

भाकुं अनुप ICAR

| Chilli | Flowering to fruiting | | caterpillars, Destroy affected fruits and dropping shoots, by burning and burying, and clean culture to destroy the pupae. Remove the damaged fruit and shoot and destroy it. | |
|-----------|---|-----------------|--|--|
| Ginger | stage Vegetative stage | Rhizome rot | Farmers are advised to maintain good drainage in the field to avoid | |
| Piggery | For piggery the feeding | ng ration shoul | <i>rhizome rot.</i> Id consists of grains for energy supplements like rice, maize, wheat other | |
| 1 18801 9 | millets; protein supplements of oil cakes, fish meal and meat meal and mineral and vitamin supplements. | | | |
| Poultry | Avoid overcrowding, electrovet powder afte | | try house clean and dry, provide only clean drinking water and provide | |
| Fishery | Do not plant big trees | near your pon | e quarter of the surface. If there are too many weeds, clean your pond. d. If there are already big trees there, cut any branches that hang over the rn green enough if your pond is in the shade. | |