

Integrated Agromet Advisory Service Bulletin 21st to 25th Nov'15 Phek District

Bulletin No:89/2015

| | | | | Bulletin No:89/2015 |
|--|----------------------------------|---------------------------|--------------------------|--|
| | Weather su | mmary of the pred | ceding week | Weather forecast valid upto 25 th Nov '15 |
| | • No rain occurred the past week | | | Probability there will be no rain the coming week |
| | Maximum | and minimum | temperatures | Max temp is expected to be around $24^{\circ}C$ - $25^{\circ}C$ and min temp is expected to be |
| | ranged 24 ⁰ | C to 25° C and 3 | 8^{0} C to 10^{0} C, | around 5° C to 6° C. |
| | respectively | | | Possibility of clear sky the coming week |
| | Relative hur | nidity varied from | 51% to 98%. | Relative Humidity will range from 28% to 95% |
| | • Wind speed | ranged from 1 to 2 | 2 kmph | The wind speed 1-2 kmph |
| | | | | Wind direction will blow mostly from southeasterly |
| | Main | Stage | Pest/ | Agro-meteorological Advisories |
| | Crops | | Diseases | |
| | | | | |
| | Field crops | | | |
| | Terrace/ | Harvesting | | Weather is favorable for harvesting and threshing of rice. |
| | Wetland | stage | | |
| | paddy | | | |
| | Crops | Storage | - | Seeds of crops like rice, soybean, groundnut etc must be dried properly before |
| | | | | storage |
| | Chickpea,Germinationlentil,stage | | | |
| | | | | |
| | linseed | | | |
| | Mustard | Germination | | Weeds reduce the crop yield drastically, hand weeding should be done at timely |
| | | stage | | interval. |
| | | | | |

Maize

Horticultural crops

Seedling stage

| Mandarin | _ | Leaf miner | Leaf miner moths are attracted to new flush. Avoid pruning live branches more than |
|----------|---|------------|--|
| | | | once a year, so that the cycles of flushing are uniform and short. Once the leaves |
| orange | | | |
| | | | harden, the pest will not be able to mine the leaves. Do not prune off leaves |
| | | | damaged by citrus leaf miner because undamaged areas of the leaves continue to |

problem and maintain soil temperature.

Weeds should be control properly at the initial stage

Mulching should be done as it helps in conserving soil moisture, reduces weed

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| | | | | produce food for the tree. |
|-----------------|--|--|----------------------|---|
| | Cruciferous vegetables (cabbage, cauliflower) | | Diamond back moth | Mustard should be grown as a trap crop in and around the field. |
| | Ginger | Maturity stage | | Field must be inspected daily for disease appearance. While inspecting, the healthy plants/plots must be marked and kept for planting in the next season. Marking has to be done properly otherwise when plant matures and gets dried up, it will be very difficult to find out the marked plots. |
| | Pea | Germination stage | | For vining varieties, provide climbing guide |
| | Tomato | Vegetative stage | Aphid | These tiny insects can infest the crops at any time during the growing season. They look like minute dark specks and tend to gather around the shoot tips, and all over young foliage and laves sticky excreta on leaves that they have been feeding on which will result in stunted and deformed growth. Plant bright flowers such as marigolds around the plots as it will attract the natural enemies |
| | Poultry | | | on are the best ways to avoid infectious disease in poultry. Provide ample quantity of eding of mouldy feed. Don't make sudden changes in feed. |
| | Piggery | For piggery, daily stage of health, ch | - | hould be done in the morning hours for any abnormal behavior. Observe their general tes and injuries |
| HIPSINI ICAR | Fishery | quality should be | e maintained s | nks needs to be screened to eliminate entry of predators, fish eggs and larvae. Water so as to not stress the fish. Symptoms of stressed fish include unusual swimming t the surface, and others, including mortalities. |



Integrated Agromet Advisory Service Bulletin 21st to 25th Nov'15 Tuensang District

Bulletin No:89/2015

| | | | Bulletin No:89/201 |
|---|--|-----------|--|
| Weather su | ummary of the prece | ding week | Weather forecast valid upto 25 th Nov '15 |
| • No rain occurred the past week | | | Probability there will be no rain the coming week |
| • Maximum and minimum temperatures ranged | | | Max temp is expected to be around 21° C - 23° C and min temp is expected |
| | and 4° C to 7° C, resp | | be around 1° C to 2° C. |
| | nidity varied from 56 | | Possibility of mainly clear sky the coming week |
| | ranged from 1 to 2 k | | Relative humidity will range from 30% to 95% |
| ······ | | | Wind speed 1-2 kmph |
| | | | Wind direction will be mostly southeasterly |
| Main Crops | Stage | Pest/ | Agro-meteorological Advisories |
| mani crops | Juge | Diseases | Agro-incretionogical Auvisories |
| | | | |
| | | | |
| Field crops | | | |
| Terrace/ | Harvesting stage | | Weather is favorable for harvesting and threshing of rice. |
| Wetland | | | |
| paddy | | | |
| Crops | Storage | - | Seeds of crops like rice, soybean, groundnut etc must be dried prope |
| 1 | U | | before storage |
| Chickman | Germination | | |
| Chickpea, | | | |
| lentil, | stage | | |
| linseed | | | |
| Mustard | Germination | | Weeds reduce the crop yield drastically, hand weeding should be done |
| | stage | | timely interval. |
| | | | Mulching should be done as it helps in conserving soil moisture, redu |
| | | | weed problem and maintain soil temperature. |
| Maize | Seedling stage | | Weeds should be control properly at the initial stage |
| | | | |
| Horticultural | ANON | | |
| Horticultural | crops | | |

| Mandarin | - | Leaf miner | Leaf miner moths are attracted to new flush. Avoid pruning live branches |
|----------|---|------------|--|
| orange | | | more than once a year, so that the cycles of flushing are uniform and short. |
| | | | Once the leaves harden, the pest will not be able to mine the leaves. Do not |
| | | | prune off leaves damaged by citrus leaf miner because undamaged areas of |
| | | | the leaves continue to produce food for the tree. |

| | Cruciferous vegetables (cabbage, cauliflower) | | Diamond back moth | Mustard should be grown as a trap crop in and around the field. |
|----------|--|----------------------|----------------------|---|
| | Ginger | Maturity stage | | Field must be inspected daily for disease appearance. While inspecting, the healthy plants/plots must be marked and kept for planting in the next season. Marking has to be done properly otherwise when plant matures and gets dried up, it will be very difficult to find out the marked plots. |
| | Pea | Germination stage | | For vining varieties, provide climbing guide |
| | Tomato | Vegetative stage | Aphid | These tiny insects can infest the crops at any time during the growing season. They look like minute dark specks and tend to gather around the shoot tips, and all over young foliage and laves sticky excreta on leaves that they have been feeding on which will result in stunted and deformed growth. Plant bright flowers such as marigolds around the plots as it will attract the natural enemies |
| | Poultry | - | | n are the best ways to avoid infectious disease in poultry. Provide ample Avoid feeding of mouldy feed. Don't make sudden changes in feed. |
| | Piggery | 100 . | - | uld be done in the morning hours for any abnormal behavior. Observe their parasites and injuries |
| HIEPSHIE | Fishery | Water quality shou | ld be maintain | cs needs to be screened to eliminate entry of predators, fish eggs and larvae. ned so as to not stress the fish. Symptoms of stressed fish include unusual gasping at the surface, and others, including mortalities. |



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Integrated Agromet Advisory Service Bulletin 21st to 25th Nov'15 Wokha District

| | ummary of the precedu | | and a star and a star |
|--|---|-----------------|--|
| Weather st | ummary of the preceat | ing week | Weather forecast valid upto 25 th Nov '15 |
| No rain occur | red the past week | | Probability no rain will occur the coming week |
| • Maximum an | d minimum tempera | tures ranged | Max temp is expected to be around 25° C - 26° C and min temp is |
| | and 10° C to 11° C, resp | | expected to be around 9° C to 10° C. |
| | dity varied from 51% t | | Possibility of clear sky the coming week |
| | nged from 1 to 2 kmpl | | Relative Humidity will range from 35% to 90% |
| wind speed id | inged from 1 to 2 kinpi | • | The wind speed 2- 3 kmph |
| | | | Wind direction will blow from southeasterly |
| Main Crops | Stage | Pest/ | Agro-meteorological Advisories |
| Main Crops | Stage | | Agro-meteorological Auvisories |
| | | Diseases | |
| | | | |
| Field crops | | | |
| Terrace/ | Harvesting stage | | Weather is favorable for harvesting and threshing of rice. |
| Wetland | | | |
| paddy | | | |
| | Storage | - | Seeds of crops like rice, soybean, groundnut etc must be dried properly |
| 1 " | U | | |
| Chicknea | Germination stage | | |
| · · · · · · · · · · · · · · · · · · · | Oermination stage | | |
| · · · · · · · · · · · · · · · · · · · | Commination stage | | Wooda noduce the even wield duration the hand weading should be done at |
| Mustara | Germination stage | | |
| | | | |
| | | | · · · |
| | | | |
| Maize Seedling stage | | | Weeds should be control properly at the initial stage |
| | | | |
| Horticultural c | rops | | |
| | | | |
| Mandarin | - | Leaf miner | Leaf miner moths are attracted to new flush. Avoid pruning live branches |
| orange | | | more than once a year, so that the cycles of flushing are uniform and |
| 0 | | | |
| | | | |
| | | | |
| Terrace/ Wetland paddy Crops Chickpea, lentil, linseed Mustard Maize Horticultural con Mandarin | Storage Germination stage Germination stage Seedling stage | - Leaf miner | Seeds of crops like rice, soybean, groundnut etc must be dried propert before storage Weeds reduce the crop yield drastically, hand weeding should be done of timely interval. Mulching should be done as it helps in conserving soil moisture, reduce weed problem and maintain soil temperature. Weeds should be control properly at the initial stage Leaf miner moths are attracted to new flush. Avoid pruning live branched |

| | Cruciferous vegetables (cabbage, cauliflower) | | Diamond back moth | Mustard should be grown as a trap crop in and around the field. | | | | |
|--------|--|----------------------|--|--|--|--|--|--|
| | Ginger | Maturity stage | | Field must be inspected daily for disease appearance. While inspecting, the healthy plants/plots must be marked and kept for planting in the next season. Marking has to be done properly otherwise when plant matures and gets dried up, it will be very difficult to find out the marked plots. | | | | |
| | Pea | Germination stage | | For vining varieties, provide climbing guide | | | | |
| | Tomato | Vegetative stage | Aphid | These tiny insects can infest the crops at any time during the growing season. They look like minute dark specks and tend to gather around the shoot tips, and all over young foliage and laves sticky excreta on leaves that they have been feeding on which will result in stunted and deformed growth. Plant bright flowers such as marigolds around the plots as it will attract the natural enemies | | | | |
| | Poultry | - | | are the best ways to avoid infectious disease in poultry. Provide ample void feeding of mouldy feed. Don't make sudden changes in feed. | | | | |
| | Piggery | 100 0 | For piggery, daily inspection should be done in the morning hours for any abnormal behavior. Observe their general stage of health, check for parasites and injuries | | | | | |
| HIPSHI | Fishery | Water quality should | be maintained | needs to be screened to eliminate entry of predators, fish eggs and larvae. I so as to not stress the fish. Symptoms of stressed fish include unusual sping at the surface, and others, including mortalities. | | | | |

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Integrated Agromet Advisory Service Bulletin 21st to 25th Nov'15 Zunheboto District

Bulletin No:89/2015

| | | | Bulletin N0:89/2015 |
|----------------------------------|---|----------------|--|
| Weather st | ummary of the prec | eding week | Weather forecast valid upto 25 th Nov '15 |
| • No rain occurred the past week | | | Probability no rain the coming week |
| • Maximum a | nd minimum tempe | ratures ranged | Max temp is expected to be around 24° C - 25° C and min temp is expected to |
| 23° C to 25° C | C and 8° C to 9° C, res | spectively. | be around 5° C to 6° C. |
| Relative hun | nidity varied from 5 | 1% to 94%. | Possibility of mainly clear sky the coming week |
| • Wind speed | ranged from 1 to 2 | kmph | Relative Humidity will range from 29% to 95% |
| | | | The wind speed 1-2 kmph |
| | | | Wind direction will blow from southeasterly |
| Main Crops | Stage | Pest/ | Agro-meteorological Advisories |
| | | Diseases | |
| | | | |
| Field crops | | | |
| Terrace/ | Harvesting stage | | Weather is favorable for harvesting and threshing of rice. |
| Wetland | | | |
| paddy | | | |
| Crops | Storage | - | Seeds of crops like rice, soybean, groundnut etc must be dried properly before |
| | | | storage |
| Chickpea, | Germination | | |
| lentil, | stage | | |
| linseed | U | | |
| Mustard | Germination | | Weeds reduce the crop yield drastically, hand weeding should be done a |
| | stage | | timely interval. |
| | | | Mulching should be done as it helps in conserving soil moisture, reduces weed problem and maintain soil temperature. |
| Maize | Seedling stage | | Weeds should be control properly at the initial stage |
| Horticultural | | | |

Horticultural crops

| Mandarin | - | Leaf miner | Leaf miner moths are attracted to new flush. Avoid pruning live branches |
|----------|---|------------|--|
| orange | | | more than once a year, so that the cycles of flushing are uniform and short. |
| | | | Once the leaves harden, the pest will not be able to mine the leaves. Do not |
| | | | prune off leaves damaged by citrus leaf miner because undamaged areas of |
| | | | the leaves continue to produce food for the tree. |

| | <i>C</i> | | D' | | | |
|--------|--------------|--|--------------------|--|--|--|
| | Cruciferous | | Diamond | Mustard should be grown as a trap crop in and around the field. | | |
| | vegetables | | back moth | | | |
| | (cabbage, | | | | | |
| | cauliflower) | | | | | |
| - | Ginger | Maturity stage | | Field must be inspected daily for disease appearance. While inspecting, the | | |
| | 0 | | | healthy plants/plots must be marked and kept for planting in the next season. | | |
| | | | | Marking has to be done properly otherwise when plant matures and gets | | |
| | | | | dried up, it will be very difficult to find out the marked plots. | | |
| | Pea | Germination | | | | |
| | reu | | | For vining varieties, provide climbing guide | | |
| | | stage | | | | |
| | Tomato | Vegetative stage | Aphid | These tiny insects can infest the crops at any time during the growing season. | | |
| | 201110 | | - Ipinia | They look like minute dark specks and tend to gather around the shoot tips, | | |
| | | | | and all over young foliage and laves sticky excreta on leaves that they have | | |
| | | | | | | |
| | | | | been feeding on which will result in stunted and deformed growth. | | |
| | | | | Plant bright flowers such as marigolds around the plots as it will attract the | | |
| | | | | natural enemies | | |
| | Poultry | Good managemen | t and sanitation | n are the best ways to avoid infectious disease in poultry. Provide ample | | |
| | - | quantity of clean d | rinking water | Avoid feeding of mouldy feed. Don't make sudden changes in feed. | | |
| - | | | | | | |
| | Piggery | | | uld be done in the morning hours for any abnormal behavior. Observe their | | |
| | | general stage of he | alth, check for J | parasites and injuries | | |
| | Fishery | Water entering fis | h ponds or tanl | ks needs to be screened to eliminate entry of predators, fish eggs and larvae. | | |
| HILLIN | | Water quality should be maintained so as to not stress the fish. Symptoms of stressed fish include unusual | | | | |
| | | | | • • | | |
| | | swimming behavio | our, not eating, g | gasping at the surface, and others, including mortalities. | | |
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Integrated Agromet Advisory Service Bulletin 21st to 25th Nov'15 Dimapur District

Bulletin No:89/2015

| Weather summary of the preceding week | | | Weather forecast valid upto 25 th Nov '15 | | |
|--|--|-----------------------|---|--|--|
| Maximum a 26°C to 29°C Relative hum | rred the past week nd minimum tempe and 14 ⁰ C to 19 ⁰ C, res idity varied from 48% anged from 1 to 2 km | pectively. to 95%. | Probability of no rain the coming week. The max temp is likely to be 26°C - 28°C and the min temp 11°C - 12°C. Sky is likely to be mainly clear the coming week Relative Humidity is likely to range from 38% to 90% Wind speed 3-4 kmph Wind direction will be mostly southeasterly | | |
| Main Crops | Stage | Pest/ diseases | Agro-meteorological Advisories | | |
| Field crops | | | | | |
| Lowland/ Wetland paddy | Harvesting stage | | Weather is favorable for harvesting and threshing of rice. | | |
| Crops | Storage | - | Seeds of crops like rice, soybean, groundnut etc must be dried properly before storage | | |
| Chickpea, lentil, linseed | Germination stage | | | | |
| Mustard | Germination stage | | Weeds reduce the crop yield drastically, hand weeding should be done at timely interval. Mulching should be done as it helps in conserving soil moisture, reduces weed problem and maintain soil temperature. | | |
| Maize | Seedling stage | | Weeds should be control properly at the initial stage | | |

| Mandarin orange | - | Leaf miner | Leaf miner moths are attracted to new flush. Avoid pruning live branches more than once a year, so that the cycles of flushing are uniform and short. Once the leaves harden, the pest will not be able to mine the leaves. Do not prune off leaves damaged by citrus leaf miner because undamaged areas of the leaves continue to produce food for the tree. |
|--------------------|---|------------|---|
| Cruciferous | | Diamond | Mustard should be grown as a trap crop in and around the field. |
| vegetables | | back moth | |

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| | / ** | | | |
|-----------|---------------------------|---|----------------|--|
| | (cabbage, cauliflower) | | | |
| | Ginger | Maturity stage | | Field must be inspected daily for disease appearance. While inspecting, the healthy plants/plots must be marked and kept for planting in the next season. Marking has to be done properly otherwise when plant matures and gets dried up, it will be very difficult to find out the marked plots. |
| | Pea | Germination stage | | For vining varieties, provide climbing guide |
| | Tomato | Vegetative stage | Aphid | These tiny insects can infest the crops at any time during the growing season. They look like minute dark specks and tend to gather around the shoot tips, and all over young foliage and laves sticky excreta on leaves that they have been feeding on which will result in stunted and deformed growth. Plant bright flowers such as marigolds around the plots as it will attract the natural enemies |
| | Poultry | - | | are the best ways to avoid infectious disease in poultry. Provide ample void feeding of mouldy feed. Don't make sudden changes in feed. |
| | Piggery | For piggery, daily is general stage of heal | - | ld be done in the morning hours for any abnormal behavior. Observe their trasites and injuries |
| HIEPSHILL | Fishery | Water quality shoul | d be maintaine | a needs to be screened to eliminate entry of predators, fish eggs and larvae. Ed so as to not stress the fish. Symptoms of stressed fish include unusual asping at the surface, and others, including mortalities. |



Integrated Agromet Advisory Service Bulletin 21st to 25th Nov'15 Kiphire District

Bulletin No:89/2015

| Weather summar • No rain occurred the p • Maximum and min 23°C to 24°C and 6°C • Relative humidity var • Wind speed ranged fr Main Crops Field crops Terrace/ Hat | past week nimum tempera C to 8 ⁰ C, respect ried from 57% to | tures ranged ively. o 90%. | Weather forecast valid upto 25 th Nov '15 Probability of light rain the coming week Max temp is expected to be around 22°C - 24°C and min temp is expected to be around 1°C to 2°C. Possibility of mainly clear sky the coming week Relative Humidity will range from 25% to 95% The wind speed 1-2 kmph Wind direction will blow mostly from southeasterly Agro-meteorological Advisories |
|---|---|----------------------------------|---|
| Maximum and min 23°C to 24°C and 6°C Relative humidity var Wind speed ranged fr Main Crops | imum tempera C to 8 ⁰ C, respecti ried from 57% to rom 1 to 2 kmph Stage | ively. o 90%. | Max temp is expected to be around 22 ^o C - 24 ^o C and min temp is expected to be around 1 ^o C to 2 ^o C. Possibility of mainly clear sky the coming week Relative Humidity will range from 25% to 95% The wind speed 1-2 kmph Wind direction will blow mostly from southeasterly |
| Wind speed ranged fr Main Crops Field crops | rom 1 to 2 kmph | Pest/ | Relative Humidity will range from 25% to 95% The wind speed 1-2 kmph Wind direction will blow mostly from southeasterly |
| Main Crops Field crops | Stage | Pest/ | The wind speed 1-2 kmph Wind direction will blow mostly from southeasterly |
| Field crops | | | Wind direction will blow mostly from southeasterly |
| Field crops | | | |
| Field crops | | | Agro-meteorological Advisories |
| · · · · · · · · · · · · · · · · · · · | rvesting stage | | |
| · · · · · · · · · · · · · · · · · · · | rvesting stage | | |
| Terrace/ Hat | rvesting stage | | |
| Wetland paddy | | | Weather is favorable for harvesting and threshing of rice. |
| Crops | Storage | - | Seeds of crops like rice, soybean, groundnut etc must be dried properly befor storage |
| - · · · · T · · · · J | Germination | | |
| lentil, linseed | stage | | |
| Mustard C | Germination | | Weeds reduce the crop yield drastically, hand weeding should be done at timel |
| | stage | | interval. |
| | - | | Mulching should be done as it helps in conserving soil moisture, reduces week problem and maintain soil temperature. |
| Maize Se | eedling stage | | Weeds should be control properly at the initial stage |
| Horticultural crops | | | <u></u> |
| Mandarin | - | Leaf miner | Leaf miner moths are attracted to new flush. Avoid pruning live branches mor |
| orange | | | than once a year, so that the cycles of flushing are uniform and short. Once the leaves harden, the pest will not be able to mine the leaves. Do not prune of leaves damaged by citrus leaf miner because undamaged areas of the leave continue to produce food for the tree. |
| Cruciferous | | Diamond | Mustard should be grown as a trap crop in and around the field. |
| vegetables | | back moth | |

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

| (cabbage, cauliflower) | | | |
|---------------------------|---|---------------|---|
| Ginger | Maturity stage | | Field must be inspected daily for disease appearance. While inspecting, the healthy plants/plots must be marked and kept for planting in the next season. Marking has to be done properly otherwise when plant matures and gets dried up, it will be very difficult to find out the marked plots. |
| Pea | Germination stage | | For vining varieties, provide climbing guide |
| Tomato | Vegetative stage | Aphid | These tiny insects can infest the crops at any time during the growing season. They look like minute dark specks and tend to gather around the shoot tips, and all over young foliage and laves sticky excreta on leaves that they have been feeding on which will result in stunted and deformed growth. Plant bright flowers such as marigolds around the plots as it will attract the natural enemies |
| Poultry | - | | are the best ways to avoid infectious disease in poultry. Provide ample quantity of ling of mouldy feed. Don't make sudden changes in feed. |
| Piggery | For piggery, daily i stage of health, che | - | uld be done in the morning hours for any abnormal behavior. Observe their general es and injuries |
| Fishery | quality should be a | naintained so | cs needs to be screened to eliminate entry of predators, fish eggs and larvae. Water as to not stress the fish. Symptoms of stressed fish include unusual swimming the surface, and others, including mortalities. |

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Integrated Agromet Advisory Service Bulletin 21st to 25th Nov'15 Kohima District

Bulletin No:89/2015

| Weather su | mmary of the preced | ling week | Weather forecast valid upto 25 th Nov '15 |
|---|-----------------------------|-------------------|---|
| No rain occurred the past week Maximum and minimum temperatures ranged 25°C to 26°C and 8°C to 9°C, respectively. Relative humidity varied from 43% to 95%. Wind speed ranged from 1 to 2 kmph | | | Probability of no rain the coming week Max temp is expected to be around 23 ^o C - 24 ^o C and min temp is expected to be around 6 ^o C to 7 ^o C. Possibility of clear sky the coming week Relative Humidity will range from 34% to 95% Wind speed 3-4 kmph Wind direction will be mostly easterly |
| Main Crops | Stage | Pest/ Diseases | Agro-meteorological Advisories |
| | | | |
| | | | |
| Field crops | | | |
| Field crops Terrace/ Wetland paddy | Harvesting stage | | Weather is favorable for harvesting and threshing of rice. |
| Terrace/ | Harvesting stage Storage | - | Weather is favorable for harvesting and threshing of rice.Seeds of crops like rice, soybean, groundnut etc must be dried propertiesbefore storage |
| Terrace/ Wetland paddy | | - | Seeds of crops like rice, soybean, groundnut etc must be dried property |
| Terrace/ Wetland paddy Crops Chickpea, | Storage Germination | - | Seeds of crops like rice, soybean, groundnut etc must be dried property |

| Mandarin orange | - Leaf miner | Leaf miner moths are attracted to new flush. Avoid pruning live branches more than once a year, so that the cycles of flushing are uniform and short. Once the leaves harden, the pest will not be able to mine the leaves. Do not prune off leaves damaged by citrus leaf miner because undamaged areas of the leaves continue to produce food for the tree. |
|--------------------|--------------|---|
| Cruciferous | Diamond | Mustard should be grown as a trap crop in and around the field. |

| | vegetables (cabbage, cauliflower) | | back moth | |
|------------------|---|----------------------|-----------------|--|
| | Ginger | Maturity stage | | Field must be inspected daily for disease appearance. While inspecting, the healthy plants/plots must be marked and kept for planting in the next season. Marking has to be done properly otherwise when plant matures and gets dried up, it will be very difficult to find out the marked plots. |
| | Pea | Germination stage | | For vining varieties, provide climbing guide |
| | Tomato | Vegetative stage | Aphid | These tiny insects can infest the crops at any time during the growing season. They look like minute dark specks and tend to gather around the shoot tips, and all over young foliage and laves sticky excreta on leaves that they have been feeding on which will result in stunted and deformed growth. Plant bright flowers such as marigolds around the plots as it will attract the natural enemies |
| | Poultry | Ũ | | a are the best ways to avoid infectious disease in poultry. Provide ample Avoid feeding of mouldy feed. Don't make sudden changes in feed. |
| | Piggery | 1 00 0 | - | ald be done in the morning hours for any abnormal behavior. Observe their parasites and injuries |
| HIPOHINI ICAR | Fishery | Water quality show | uld be maintain | s needs to be screened to eliminate entry of predators, fish eggs and larvae. The so as to not stress the fish. Symptoms of stressed fish include unusual gasping at the surface, and others, including mortalities. |



Integrated Agromet Advisory Service Bulletin 21st to 25th Nov'15 Longleng District

Bulletin No:89/2015

| Weather st | ummary of the precedin | ıg week | Weather forecast valid upto 25 th Nov '15 |
|--|---|----------------------------|--|
| • No rain occurre | ed the past week | | Probability of no rain the coming week |
| | minimum temperatures to 10^{0} C, respectively. | s ranged 24 ⁰ C | Max temp is expected to be around $24^{\circ}C-25^{\circ}C$ and min temp is expected to be around $5^{\circ}C$ to $6^{\circ}C$. |
| | ty varied from 73% to 9 | 95% | Possibility of clear sky the coming week |
| | ged from 1 to 2 kmph | | Relative Humidity will range from 34% to 95% |
| | | | The wind speed 1 - 2 kmph |
| | | | Wind direction will be easterly |
| Main Crops | Stage | Pest/ | Agro-meteorological Advisories |
| | | diseases | |
| | | | |
| | | | |
| Field crops Terrace/ | Harvesting stage | | Weather is favorable for harvesting and threshing of rice. |
| Terrace/ Wetland paddy | | | |
| Terrace/ | Harvesting stage Storage | - | Weather is favorable for harvesting and threshing of rice. Seeds of crops like rice, soybean, groundnut etc must be dried properly before storage |
| Terrace/ Wetland paddy | | - | Seeds of crops like rice, soybean, groundnut etc must be dried properly |
| Terrace/ Wetland paddy Crops Chickpea, | Storage | - | Seeds of crops like rice, soybean, groundnut etc must be dried properly before storage Weeds reduce the crop yield drastically, hand weeding should be done at timely interval. Mulching should be done as it helps in conserving soil moisture, |
| Terrace/ Wetland paddy Crops Chickpea, lentil, linseed | Storage Germination stage | - | Seeds of crops like rice, soybean, groundnut etc must be dried properly before storage Weeds reduce the crop yield drastically, hand weeding should be done at timely interval. |

| Mandarin | - | Leaf miner | Leaf miner moths are attracted to new flush. Avoid pruning live |
|----------|---|------------|---|
| orange | | | branches more than once a year, so that the cycles of flushing are |
| | | | uniform and short. Once the leaves harden, the pest will not be able to |
| | | | mine the leaves. Do not prune off leaves damaged by citrus leaf miner |
| | | | because undamaged areas of the leaves continue to produce food for the |
| | | | tree. |

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

| | Cruciferous vegetables (cabbage, cauliflower) | | Diamond back moth | Mustard should be grown as a trap crop in and around the field. | | |
|----------------|--|---|----------------------|--|--|--|
| | Ginger | Maturity stage | | Field must be inspected daily for disease appearance. While inspecting, the healthy plants/plots must be marked and kept for planting in the next season. Marking has to be done properly otherwise when plant matures and gets dried up, it will be very difficult to find out the marked plots. | | |
| | Pea | Germination stage | | For vining varieties, provide climbing guide | | |
| | Tomato | Vegetative stage | Aphid | These tiny insects can infest the crops at any time during the growing season. They look like minute dark specks and tend to gather around the shoot tips, and all over young foliage and laves sticky excreta on leaves that they have been feeding on which will result in stunted and deformed growth. Plant bright flowers such as marigolds around the plots as it will attract the natural enemies | | |
| | Poultry | Good management and sanitation are the best ways to avoid infectious disease in poultry. Provide ample quantity of clean drinking water. Avoid feeding of mouldy feed. Don't make sudden changes in feed. | | | | |
| | Piggery | For piggery, daily insp general stage of health | | I be done in the morning hours for any abnormal behavior. Observe their rasites and injuries | | |
| HEP3HE ICAR | Fishery | Water quality should | be maintained | needs to be screened to eliminate entry of predators, fish eggs and larvae. I so as to not stress the fish. Symptoms of stressed fish include unusual sping at the surface, and others, including mortalities. | | |



Integrated Agromet Advisory Service Bulletin 21st to 25th Nov'15 Mokokchung District

Bulletin No: 89/2015

| Weather su | ummary of the preced | ing week | Weather forecast valid upto 25 th Nov '15 |
|--|---|---------------|---|
| No rain occurr | red the past week | | Probability no rain the coming week |
| Maximum and | d minimum temper | atures ranged | Max temp is expected to be around 24° C - 25° C and min temp is expected to be |
| 24° C to 27° C at | nd 8° C to 10° C, respectively. | ctively. | around 6° C to 7° C. |
| Relative humidity varied from 51% to 90%. | | | Possibility of mainly clear sky the coming week |
| • Wind speed rar | nged from 1 to 2 kmpł | ı | Relative Humidity will range from 33% to 95% and |
| 1 | | | Wind speed 1-2 kmph |
| | | | Wind direction will be easterly |
| Main Crops | Stage | Pest/ | Agro-meteorological Advisories |
| | 0 | Diseases | |
| | | | |
| Field crops | <u> </u> | | I |
| Terrace/ Wetland paddy | Harvesting stage Storage | | Weather is favorable for harvesting and threshing of rice. Seeds of crops like rice, soybean, groundnut etc must be dried properly before |
| Terrace/ | Harvesting stage Storage | | Weather is favorable for harvesting and threshing of rice. Seeds of crops like rice, soybean, groundnut etc must be dried properly before storage |
| Terrace/ Wetland paddy | | - | Seeds of crops like rice, soybean, groundnut etc must be dried properly before |
| Terrace/ Wetland paddy Crops Chickpea, | Storage | - | Seeds of crops like rice, soybean, groundnut etc must be dried properly before |
| Terrace/ Wetland paddy Crops Chickpea, lentil, linseed | Storage Germination stage | - | Seeds of crops like rice, soybean, groundnut etc must be dried properly before storage Weeds reduce the crop yield drastically, hand weeding should be done at timely |

Horticultural crops

| Mandarin orange | - | Leaf miner | Leaf miner moths are attracted to new flush. Avoid pruning live branches more than once a year, so that the cycles of flushing are uniform and short. Once the leaves harden, the pest will not be able to mine the leaves. Do not prune off leaves damaged by citrus leaf miner because undamaged areas of the leaves continue to produce food for the tree. |
|--------------------|---|------------|---|
| Cruciferous | | Diamond | Mustard should be grown as a trap crop in and around the field. |
| vegetables | | back moth | |

| | (cabbage, cauliflower) | | | | | |
|-------------------|---------------------------|--|-------|---|--|--|
| | Ginger | Maturity stage | | Field must be inspected daily for disease appearance. While inspecting, the healthy plants/plots must be marked and kept for planting in the next season. Marking has to be done properly otherwise when plant matures and gets dried up, it will be very difficult to find out the marked plots. | | |
| | Pea | Germination stage | | For vining varieties, provide climbing guide | | |
| | Tomato | Vegetative stage | Aphid | These tiny insects can infest the crops at any time during the growing season. They look like minute dark specks and tend to gather around the shoot tips, and all over young foliage and laves sticky excreta on leaves that they have been feeding on which will result in stunted and deformed growth. Plant bright flowers such as marigolds around the plots as it will attract the natural enemies | | |
| | Poultry | Good management and sanitation are the best ways to avoid infectious disease in poultry. Provide ample quantity of clean drinking water. Avoid feeding of mouldy feed. Don't make sudden changes in feed. | | | | |
| | Piggery | For piggery, daily in stage of health, chec | * | d be done in the morning hours for any abnormal behavior. Observe their general and injuries | | |
| HIEP3HIII ICAR | Fishery | Water entering fish ponds or tanks needs to be screened to eliminate entry of predators, fish eggs and larvae. Water quality should be maintained so as to not stress the fish. Symptoms of stressed fish include unusual swimming behaviour, not eating, gasping at the surface, and others, including mortalities. | | | | |



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

Integrated Agromet Advisory Service Bulletin from 21st to 25th Nov'15 **Mon District**

Bulletin No:89/2015

| Weather sum | mary of the preced | ing week | Weather forecast valid upto 25 th Nov '15 | | |
|----------------------------------|------------------------------------|----------|--|--|--|
| • No rain occurred the past week | | | Probability of no rain the coming week. | | |
| | minimum tempera | | • The max temp is likely to be 24° C - 25° C and the min temp 2° C - 4° C. | | |
| 23^{0} C to 25^{0} C and | 15^{0} C to 10^{0} C, respe | ctively. | Sky is likely to be clear the coming week | | |
| | y varied from 45% t | | Relative Humidity is likely to range from 32% to 95% | | |
| Wind speed range | ed from 1 to 2 kmpl | h | Wind speed may reach upto 1- 2 kmph | | |
| | | | Wind direction will be southeasterly | | |
| Main Crops | Main Crops Stage Pest/ Diseases | | Agro-meteorological Advisories | | |
| Field crops | Field crops | | | | |
| Terrace/ Wetland paddy | Harvesting stage | | Weather is favorable for harvesting and threshing of rice. | | |
| Crops | Storage | - | Seeds of crops like rice, soybean, groundnut etc must be dried properl before storage | | |
| Chickpea, lentil, linseed | Germination stage | | | | |
| Mustard | Germination stage | | Weeds reduce the crop yield drastically, hand weeding should be done a timely interval. Mulching should be done as it helps in conserving soil moisture, reduce weed problem and maintain soil temperature. | | |
| Maize | Seedling stage | | Weeds should be control properly at the initial stage | | |
| Horticultural crops | | | | | |

| Mandarin orange | - | Leaf miner | Leaf miner moths are attracted to new flush. Avoid pruning live branches more than once a year, so that the cycles of flushing are uniform and short. |
|--------------------|---|------------|---|
| U | | | Once the leaves harden, the pest will not be able to mine the leaves. Do not prune off leaves damaged by citrus leaf miner because undamaged areas of the leaves continue to produce food for the tree. |
| Cruciferous | | Diamond | Mustard should be grown as a trap crop in and around the field. |
| vegetables | | back moth | |

| | (cabbage, cauliflower) | | | | |
|--------------------|---------------------------|---|-------|--|--|
| | Ginger | Maturity stage | | Field must be inspected daily for disease appearance. While inspecting, the healthy plants/plots must be marked and kept for planting in the next season. Marking has to be done properly otherwise when plant matures and gets dried up, it will be very difficult to find out the marked plots. | |
| | Pea | Germination stage | | For vining varieties, provide climbing guide | |
| | Tomato | Vegetative stage | Aphid | These tiny insects can infest the crops at any time during the growing season. They look like minute dark specks and tend to gather around the shoot tips, and all over young foliage and laves sticky excreta on leaves that they have been feeding on which will result in stunted and deformed growth. Plant bright flowers such as marigolds around the plots as it will attract the natural enemies | |
| | Poultry | Good management and sanitation are the best ways to avoid infectious disease in poultry. Provide ample quantity of clean drinking water. Avoid feeding of mouldy feed. Don't make sudden changes in feed. | | | |
| | Piggery | For piggery, daily inspection should be done in the morning hours for any abnormal behavior. Observe their general stage of health, check for parasites and injuries | | | |
| AUGD 31-11 ICAR | Fishery | Water entering fish ponds or tanks needs to be screened to eliminate entry of predators, fish eggs and larvae. Water quality should be maintained so as to not stress the fish. Symptoms of stressed fish include unusual swimming behaviour, not eating, gasping at the surface, and others, including mortalities. | | | |



Integrated Agromet Advisory Service Bulletin 21st to 25th Nov'15 Peren District

Bulletin No:89/2015

| | | | Bulleun N0:89/2013 |
|-------------------|--|---------------|---|
| Weather sum | nmary of the preced | ling week | Weather forecast valid upto 25 th Nov '15 |
| • No rain occurre | ed the past week | | Probability of no rain the coming week. |
| | minimum temper | atures ranged | Max temp is expected to be around 26° C - 27° C and min temp is expected to |
| | nd 11° C to 12° C, res | | be around 9° C to 10° C. |
| | ity varied from 44% | - | Possibility of clear sky the coming week |
| • Wind speed ran | ged from 1 to 2 km | ph | Relative Humidity will range from 35% to 96% |
| - | - | - | The wind speed 2-4 kmph |
| | | | Wind direction will be mostly easterly |
| Main Crops | Stage | Pest/ | Agro-meteorological Advisories |
| | | diseases | |
| | | - | |
| Field crops | | | |
| Lowland/ | Harvesting | | Weather is favorable for harvesting and threshing of rice. |
| Wetland paddy | stage | | |
| | | | |
| Crops | Storage | _ | Seeds of crops like rice, soybean, groundnut etc must be dried proper |
| Crops | Storage | | before storage |
| <u> </u> | | | |
| Chickpea, | Germination | | |
| lentil, linseed | stage | | |
| Mustard | Germination | | Weeds reduce the crop yield drastically, hand weeding should be done |
| mastur a | | | timely interval. |
| | stage | | Mulching should be done as it helps in conserving soil moisture, reduce |
| | | | weed problem and maintain soil temperature. |
| Maize | Seedling stage | | Weeds should be control properly at the initial stage |
| | 2 Seaming Stage | | |
| | | | |
| Horticultural cro | ops | | |

urui crop

| Mandarin | - | Leaf miner | Leaf miner moths are attracted to new flush. Avoid pruning live branches |
|----------|---|------------|--|
| orange | | | more than once a year, so that the cycles of flushing are uniform and short. |
| | | | Once the leaves harden, the pest will not be able to mine the leaves. Do not |
| | | | prune off leaves damaged by citrus leaf miner because undamaged areas of |
| | | | the leaves continue to produce food for the tree. |

| | Cruciferous vegetables (cabbage, cauliflower) | | Diamond back moth | Mustard should be grown as a trap crop in and around the field. | | |
|------------------|--|---|----------------------|---|--|--|
| | Ginger | Maturity stage | | Field must be inspected daily for disease appearance. While inspecting, the healthy plants/plots must be marked and kept for planting in the next season. Marking has to be done properly otherwise when plant matures and gets dried up, it will be very difficult to find out the marked plots. | | |
| | Pea | Germination stage | | For vining varieties, provide climbing guide | | |
| | Tomato | Vegetative stage | Aphid | These tiny insects can infest the crops at any time during the growing season. They look like minute dark specks and tend to gather around the shoot tips, and all over young foliage and laves sticky excreta on leaves that they have been feeding on which will result in stunted and deformed growth. Plant bright flowers such as marigolds around the plots as it will attract the natural enemies | | |
| | Poultry | Good management and sanitation are the best ways to avoid infectious disease in poultry. Provide ample quantity of clean drinking water. Avoid feeding of mouldy feed. Don't make sudden changes in feed. | | | | |
| | Piggery | For piggery, daily inspection should be done in the morning hours for any abnormal behavior. Observe their general stage of health, check for parasites and injuries | | | | |
| भाकुअनुध ICAR | Fishery | Water entering fish ponds or tanks needs to be screened to eliminate entry of predators, fish eggs and larvae. Water quality should be maintained so as to not stress the fish. Symptoms of stressed fish include unusual swimming behaviour, not eating, gasping at the surface, and others, including mortalities. | | | | |