



Integrated Agromet Advisory Service Bulletin from 11th to 15th Aug'18 Mokokchung District

Bulletin No:64/2018

| Weather summary of the preceding week | | | Weather forecast valid upto 15 th Aug 2018 | | |
|---|------------------------------|----------------|---|--|--|
| <ul style="list-style-type: none">▪ Light rain occurred the past week▪ Maximum and minimum temperatures ranged 27⁰C to 32⁰C and 20⁰C to 21⁰C, respectively.▪ Relative humidity varied from 59% to 93%.▪ Wind speed ranged from 2 to 4 kmph | | | <ul style="list-style-type: none">▪ Probability of moderate rain the coming week.▪ Max temp is likely to be 31⁰C - 32⁰C and the min temp 21⁰C to 22⁰C▪ Sky is likely to be cloudy the coming week▪ Relative Humidity is likely to range from 64% to 94%.▪ Wind speed may reach upto 2- 4 kmph▪ Wind direction will be mostly southeasterly | | |
| Timely field sanitation should be done for all the crops. Always use freshly prepared neem seed kernel extract. Apply pesticides only when required. Don't apply more than the recommended dose of the pesticide | | | | | |
| Field crops | | | | | |
| Main Crops | Stage | Pest/ Diseases | Agro-meteorological Advisories | | |
| Jhum Paddy | Panicle initiation stage | | Daily monitoring of the field should be done and assess changes in plant health, pest status and crop damage. Through frequent field inspections, pest problems can be identified in time and act quickly to prevent pests from spreading and causing further damage to crops | | |
| TRC/WRC 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. | | |
| Soybean | Vegetative stage | - | Proper earthing up should be done. Timely weeding should be done to improve crop productivity till 40 days after sowing | | |
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| Horticultural crop | | | | | |
| <ul style="list-style-type: none">• Proper weeding, earthing up should be done and staking should be done for good production. | | | | | |
| Citrus | fruiting to harvesting stage | Mealy bug | <ul style="list-style-type: none">➤ In citrus orchard, destroy the ant colonies (black ants) as they act as the carriers of mealy bug. The affected plants become pale, wilt and may die also. In heavily attacked plants, citrus fruits do not set.➤ Timely weeding should be carried out | | |
| Cucurbits | Fruiting to harvesting stage | Fruit flies | To check the damage by these flies, fruits should be harvested before they start ripening. | | |

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| Okra | Fruiting to harvesting stage | Spotted bollworm | <ul style="list-style-type: none">• Remove regularly the attacked fruits and bury deep in the soil.• Harvesting should be done timely |
| Brinjal | | Wilt | <ul style="list-style-type: none">• Remove and destroy the affected plant• Proper drainage should be maintained in the field |
| 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 | <ul style="list-style-type: none">• 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 | <ul style="list-style-type: none">• Disinfect the floors and walls at frequent intervals. Daily inspection early in the morning should be done for any abnormal behaviour. Observe their general stage of health, check for parasites and injuries, and watch out for any abnormal feeding habits | | |
| Fisheries | | | |
| | <ul style="list-style-type: none">• Water inlet should be covered with mesh cloth which will help in preventing entry of unwanted insects as well as unwanted predatory fishes.• Runoff following a heavy rain can transport a variety of unwanted chemicals into the pond including pesticides, herbicides, fertilizers, petroleum products.• Avoid areas where the likelihood of chemical runoff is high and avoid using chemicals on the watershed | | |



SCIENTIFIC EXPERT COMMITTEE

| 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 |
| 6 | Dr. Azeze Seyie | Scientist | Spices, Plantation & Medicinal & 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 11th to 15th Aug'18 Mon District

Bulletin No:64/2018

Weather summary of the preceding week

- Moderate rain occurred the past week
- Maximum and minimum temperatures ranged 27⁰C to 31⁰C and 20⁰C to 22⁰C, respectively.
- Relative humidity varied from 65% to 90%
- Wind speed ranged from 2 to 3 kmph

Weather forecast valid upto 15th Aug 2018

- Probability of moderate rain the coming week.
- **Max temp** is likely to be 29⁰C - 31⁰C and the **min temp** 20⁰C to 21⁰C
- **Sky is likely to be cloudy** the coming week
- **Relative Humidity** is likely to range from 66% to 97%.
- **Wind speed** may reach upto 1- 2 kmph
- **Wind direction** will be mostly southerly

Timely field sanitation should be done for all the crops. Always use freshly prepared neem seed kernel extract. Apply pesticides only when required. Don't apply more than the recommended dose of the pesticide

Field crops

| Main Crops | Stage | Pest/ Diseases | Agro-meteorological Advisories |
|----------------------|--------------------------|----------------|--|
| <i>Jhum Paddy</i> | Panicle initiation stage | | <i>Daily monitoring of the field should be done and assess changes in plant health, pest status and crop damage. Through frequent field inspections, pest problems can be identified in time and act quickly to prevent pests from spreading and causing further damage to crops</i> |
| <i>TRC/WRC paddy</i> | Tillering stage | Brown spot | <i>Monitor the field against brown spot, leaves show oval shaped foliar spots with yellow halo. Severely affected field presents a reddish appearance.</i> |
| <i>Soybean</i> | Vegetative stage | - | <i>Proper earthing up should be done. Timely weeding should be done to improve crop productivity till 40 days after sowing</i> |
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Horticultural crop

Proper weeding, earthing up should be done and staking should be done for good production.


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|---------------------------------|------------------------------|------------------|--|
| <i>Citrus</i> | fruiting to harvesting stage | Mealy bug | <ul style="list-style-type: none"> ➤ <i>In citrus orchard, destroy the ant colonies (black ants) as they act as the carriers of mealy bug. The affected plants become pale, wilt and may die also. In heavily attacked plants, citrus fruits do not set.</i> ➤ <i>Timely weeding should be carried out</i> |
| <i>Cucurbits</i> | Fruiting to harvesting stage | Fruit flies | <i>To check the damage by these flies, fruits should be harvested before they start ripening.</i> |
| <i>Okra</i> | Fruiting to harvesting stage | Spotted bollworm | <ul style="list-style-type: none"> • <i>Remove regularly the attacked fruits and bury deep in the soil.</i> • <i>Harvesting should be done timely</i> |
| <i>Brinjal</i> | | Wilt | <ul style="list-style-type: none"> • <i>Remove and destroy the affected plant</i> • <i>Proper drainage should be maintained in the field</i> |
| <i>Ginger / turmeric</i> | Vegetative stage | Rhizome rot | <i>Proper drainage and sanitation should be maintained.</i> <i>Timely earthing up should be carried out.</i> |

Livestock

- Water stagnation should be avoided in livestock shed to avoid mosquito breeding.
- Daily provide clean and cool drinking water to the animals

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| <i>Poultry</i> | 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. |
| <i>Piggery</i> | <ul style="list-style-type: none"> • Disinfect the floors and walls at frequent intervals. Daily inspection early in the morning should be done for any abnormal behaviour. Observe their general stage of health, check for parasites and injuries, and watch out for any abnormal feeding habits |

Fisheries

| | |
|--|---|
|  | <ul style="list-style-type: none"> • Water inlet should be covered with mesh cloth which will help in preventing entry of unwanted insects as well as unwanted predatory fishes. • Runoff following a heavy rain can transport a variety of unwanted chemicals into the pond including pesticides, herbicides, fertilizers, petroleum products. • Avoid areas where the likelihood of chemical runoff is high and avoid using chemicals on the watershed |
|--|---|

SCIENTIFIC EXPERT COMMITTEE

| 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 |
| 6 | Dr. Azeze Seyie | Scientist | Spices, Plantation & Medicinal & 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 11th to 15th Aug'18

Peren District

Bulletin No:64/2018

Weather summary of the preceding week

- Moderate rain occurred the past week
- Maximum and minimum temperatures ranged 27⁰C to 30⁰C and 20⁰C to 21⁰C, respectively.
- Relative humidity varied from 58% to 94%.
- Wind speed ranged from 2 to 3 kmph

Weather forecast valid upto 15th Aug 2018

- Probability of moderate rain the coming week.
- **Max temp** is likely to be 29⁰C - 30⁰C and the **min temp** 20⁰C to 21⁰C
- **Sky is likely to be cloudy** the coming week
- **Relative Humidity** is likely to range from 68% to 97%.
- **Wind speed** may reach upto 2-5 kmph
- **Wind direction** will be mostly southerly

Timely field sanitation should be done for all the crops. Always use freshly prepared neem seed kernel extract. Apply pesticides only when required. Don't apply more than the recommended dose of the pesticide


Field crops

| Main Crops | Stage | Pest/ Diseases | Agro-meteorological Advisories |
|----------------------|--------------------------|-------------------|--|
| Jhum Paddy | Panicle initiation stage | | <i>Daily monitoring of the field should be done and assess changes in plant health, pest status and crop damage. Through frequent field inspections, pest problems can be identified in time and act quickly to prevent pests from spreading and causing further damage to crops</i> |
| TRC/WRC paddy | Tillering stage | Brown spot | <i>Monitor the field against brown spot, leaves show oval shaped foliar spots with yellow halo. Severely affected field presents a reddish appearance.</i> |
| Soybean | Vegetative stage | - | <i>Proper earthing up should be done. Timely weeding should be done to improve crop productivity till 40 days after sowing</i> |
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Horticultural crop

- *Proper weeding, earthing up should be done and staking should be done for good production.*

| | | | |
|---------------|------------------------------|-----------|--|
| Citrus | fruiting to harvesting stage | Mealy bug | <ul style="list-style-type: none"> ➤ <i>In citrus orchard, destroy the ant colonies (black ants) as they act as the carriers of mealy bug. The affected plants become pale, wilt and may die also. In heavily attacked plants, citrus fruits do not set.</i> ➤ <i>Timely weeding should be carried out</i> |
|---------------|------------------------------|-----------|--|

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|--|--|---|------------------|--|
|  | Cucurbits | Fruiting to harvesting stage | Fruit flies | <i>To check the damage by these flies, fruits should be harvested before they start ripening.</i> |
| | Okra | Fruiting to harvesting stage | Spotted bollworm | <ul style="list-style-type: none">• <i>Remove regularly the attacked fruits and bury deep in the soil.</i>• <i>Harvesting should be done timely</i> |
| | Brinjal | | Wilt | <ul style="list-style-type: none">• <i>Remove and destroy the affected plant</i>• <i>Proper drainage should be maintained in the field</i> |
| | Ginger / turmeric | Vegetative stage | Rhizome rot | <i>Proper drainage and sanitation should be maintained. Timely earthing up should be carried out.</i> |
| | Livestock Water stagnation should be avoided in livestock shed to avoid mosquito breeding. Daily provide clean and cool drinking water to the animals | | | |
| | Poultry | <ul style="list-style-type: none">• 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 | <ul style="list-style-type: none">• Disinfect the floors and walls at frequent intervals. Daily inspection early in the morning should be done for any abnormal behaviour. Observe their general stage of health, check for parasites and injuries, and watch out for any abnormal feeding habits | | |
| Fisheries | | | | |
| | | <ul style="list-style-type: none">• Water inlet should be covered with mesh cloth which will help in preventing entry of unwanted insects as well as unwanted predatory fishes.• Runoff following a heavy rain can transport a variety of unwanted chemicals into the pond including pesticides, herbicides, fertilizers, petroleum products. Avoid areas where the likelihood of chemical runoff is high and avoid using chemicals on the watershed | | |

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| 8 | Aabon W Yanthan | Scientist | Vegetable Science | aabon.iari@gmail.com |



Integrated Agromet Advisory Service Bulletin from 11th to 15th Aug'18 Phek District

Bulletin No:64/2018

Weather summary of the preceding week

- Moderate rain occurred the past week
- Maximum and minimum temperatures ranged 26⁰C to 31⁰C and 18⁰C to 19⁰C, respectively.
- Relative humidity varied from 52% to 95%.
- Wind speed ranged from 2 to 3 kmph

Weather forecast valid upto 15th Aug 2018

- Probability of heavy rain the coming week.
- **Max temp** is likely to be 27⁰C - 29⁰C and the **min temp** 18⁰C to 19⁰C
- **Sky is likely to be mainly cloudy** the coming week
- **Relative Humidity** is likely to range from 70% to 95%.
- **Wind speed** may reach upto 1-2 kmph
Wind direction will be mostly southerly

Timely field sanitation should be done for all the crops. Always use freshly prepared neem seed kernel extract. Apply pesticides only when required. Don't apply more than the recommended dose of the pesticide


Field crops

| Main Crops | Stage | Pest/ Diseases | Agro-meteorological Advisories |
|----------------------|--------------------------|----------------|--|
| <i>Jhum Paddy</i> | Panicle initiation stage | | <i>Daily monitoring of the field should be done and assess changes in plant health, pest status and crop damage. Through frequent field inspections, pest problems can be identified in time and act quickly to prevent pests from spreading and causing further damage to crops</i> |
| <i>TRC/WRC paddy</i> | Tillering stage | Brown spot | <i>Monitor the field against brown spot, leaves show oval shaped foliar spots with yellow halo. Severely affected field presents a reddish appearance.</i> |
| <i>Soybean</i> | Vegetative stage | - | <i>Proper earthing up should be done. Timely weeding should be done to improve crop productivity till 40 days after sowing</i> |
| | | | |
| | | | |

Horticultural crop

- *Proper weeding, earthing up should be done and staking should be done for good production.*

| | | | |
|---------------|------------------------------|-----------|--|
| <i>Citrus</i> | fruiting to harvesting stage | Mealy bug | <ul style="list-style-type: none"> ➤ <i>In citrus orchard, destroy the ant colonies (black ants) as they act as the carriers of mealy bug. The affected plants become pale, wilt and may die also. In heavily attacked plants, citrus fruits do not set.</i> ➤ <i>Timely weeding should be carried out</i> |
|---------------|------------------------------|-----------|--|

| | | | | |
|---|---|---|------------------|--|
| | Cucurbits | Fruiting to harvesting stage | Fruit flies | <i>To check the damage by these flies, fruits should be harvested before they start ripening.</i> |
| | Okra | Fruiting to harvesting stage | Spotted bollworm | <ul style="list-style-type: none">• <i>Remove regularly the attacked fruits and bury deep in the soil.</i>• <i>Harvesting should be done timely</i> |
| | Brinjal | | Wilt | <ul style="list-style-type: none">• <i>Remove and destroy the affected plant</i>• <i>Proper drainage should be maintained in the field</i> |
| | Ginger / turmeric | Vegetative stage | Rhizome rot | <i>Proper drainage and sanitation should be maintained.</i> <i>Timely earthing up should be carried out.</i> |
| | <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 | <ul style="list-style-type: none">• 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 | <ul style="list-style-type: none">• Disinfect the floors and walls at frequent intervals. Daily inspection early in the morning should be done for any abnormal behaviour. Observe their general stage of health, check for parasites and injuries, and watch out for any abnormal feeding habits | | |
| <i>Fisheries</i> | | | | |
|  | | <ul style="list-style-type: none">• Water inlet should be covered with mesh cloth which will help in preventing entry of unwanted insects as well as unwanted predatory fishes.• Runoff following a heavy rain can transport a variety of unwanted chemicals into the pond including pesticides, herbicides, fertilizers, petroleum products. Avoid areas where the likelihood of chemical runoff is high and avoid using chemicals on the watershed | | |

SCIENTIFIC EXPERT COMMITTEE


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|-------|------------------|---------------------|--|--------------------------|
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| 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 11th to 15th Aug'18 Tuensang District

Bulletin No:64/2018

| Weather summary of the preceding week | | Weather forecast valid upto 15 th Aug 2018 | |
|--|------------------------------|---|---|
| <ul style="list-style-type: none">▪ Moderate rain occurred the past week▪ Maximum and minimum temperatures ranged 27⁰C to 29⁰C and 20⁰C to 24⁰C, respectively.▪ Relative humidity varied from 64% to 92%.▪ Wind speed ranged from 2 to 3 kmph | | <ul style="list-style-type: none">▪ Probability of moderate rain the coming week.▪ Max temp is likely to be 31⁰C - 33⁰C and the min temp 23⁰C to 26⁰C▪ Sky is likely to be mainly cloudy the coming week▪ Relative Humidity is likely to range from 80% to 95%.▪ Wind speed may reach upto 1-2 kmph▪ Wind direction will be mostly southerly | |
| Timely field sanitation should be done for all the crops. Always use freshly prepared neem seed kernel extract. Apply pesticides only when required. Don't apply more than the recommended dose of the pesticide | | | |
| Field crops | | | |
| Main Crops | Stage | Pest/ Diseases | Agro-meteorological Advisories |
| Jhum Paddy | Panicle initiation stage | | Daily monitoring of the field should be done and assess changes in plant health, pest status and crop damage. Through frequent field inspections, pest problems can be identified in time and act quickly to prevent pests from spreading and causing further damage to crops |
| TRC/WRC 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. |
| Soybean | Vegetative stage | - | Proper earthing up should be done. Timely weeding should be done to improve crop productivity till 40 days after sowing |
| | | | |
| | | | |
| Horticultural crop | | | |
| <ul style="list-style-type: none">• Proper weeding, earthing up should be done and staking should be done for good production. | | | |
| Citrus | fruiting to harvesting stage | Mealy bug | <ul style="list-style-type: none">➤ In citrus orchard, destroy the ant colonies (black ants) as they act as the carriers of mealy bug. The affected plants become pale, wilt and may die also. In heavily attacked plants, citrus fruits do not set.➤ Timely weeding should be carried out |

| | | | | |
|--|--|---|------------------|--|
| | Cucurbits | Fruiting to harvesting stage | Fruit flies | <i>To check the damage by these flies, fruits should be harvested before they start ripening.</i> |
| | Okra | Fruiting to harvesting stage | Spotted bollworm | <ul style="list-style-type: none">• <i>Remove regularly the attacked fruits and bury deep in the soil.</i>• <i>Harvesting should be done timely</i> |
| | Brinjal | | Wilt | <ul style="list-style-type: none">• <i>Remove and destroy the affected plant</i>• <i>Proper drainage should be maintained in the field</i> |
| | Ginger / turmeric | Vegetative stage | Rhizome rot | <i>Proper drainage and sanitation should be maintained. Timely earthing up should be carried out.</i> |
| | Livestock Water stagnation should be avoided in livestock shed to avoid mosquito breeding. Daily provide clean and cool drinking water to the animals | | | |
| | Poultry | <ul style="list-style-type: none">• 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 | <ul style="list-style-type: none">• Disinfect the floors and walls at frequent intervals. Daily inspection early in the morning should be done for any abnormal behaviour. Observe their general stage of health, check for parasites and injuries, and watch out for any abnormal feeding habits | | |
| | Fisheries | | | |
|  | | <ul style="list-style-type: none">• Water inlet should be covered with mesh cloth which will help in preventing entry of unwanted insects as well as unwanted predatory fishes.• Runoff following a heavy rain can transport a variety of unwanted chemicals into the pond including pesticides, herbicides, fertilizers, petroleum products. Avoid areas where the likelihood of chemical runoff is high and avoid using chemicals on the watershed | | |

SCIENTIFIC EXPERT COMMITTEE

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Integrated Agromet Advisory Service Bulletin from 11th to 15th Aug'18 Wokha District

Bulletin No:64/2018

Weather summary of the preceding week

- Light rain occurred the past week
- Maximum and minimum temperatures ranged 28⁰C to 29⁰C and 20⁰C to 21⁰C, respectively.
- Relative humidity varied from 55% to 91%.
- Wind speed ranged from 2 to 4 kmph

Weather forecast valid upto 15th Aug 2018

- Probability of light rain the coming week.
- **Max temp** is likely to be 29⁰C - 31⁰C and the **min temp** 20⁰C to 21⁰C
- **Sky is likely to be cloudy** the coming week
- **Relative Humidity** is likely to range from 58% to 95%.
- **Wind speed** may reach upto 2- 4 kmph
- **Wind direction** will be southeasterly

Timely field sanitation should be done for all the crops. Always use freshly prepared neem seed kernel extract. Apply pesticides only when required. Don't apply more than the recommended dose of the pesticide


Field crops

| Main Crops | Stage | Pest/ Diseases | Agro-meteorological Advisories |
|----------------------|--------------------------|----------------|--|
| <i>Jhum Paddy</i> | Panicle initiation stage | | <i>Daily monitoring of the field should be done and assess changes in plant health, pest status and crop damage. Through frequent field inspections, pest problems can be identified in time and act quickly to prevent pests from spreading and causing further damage to crops</i> |
| <i>TRC/WRC paddy</i> | Tillering stage | Brown spot | <i>Monitor the field against brown spot, leaves show oval shaped foliar spots with yellow halo. Severely affected field presents a reddish appearance.</i> |
| <i>Soybean</i> | Vegetative stage | - | <i>Proper earthing up should be done. Timely weeding should be done to improve crop productivity till 40 days after sowing</i> |
| | | | |
| | | | |

Horticultural crop

- *Proper weeding, earthing up should be done and staking should be done for good production.*

| | | | |
|---------------|------------------------------|-----------|--|
| <i>Citrus</i> | fruiting to harvesting stage | Mealy bug | ➤ <i>In citrus orchard, destroy the ant colonies (black ants) as they act as the carriers of mealy bug. The affected plants become pale, wilt and may die also. In heavily attacked plants, citrus fruits do</i> |
|---------------|------------------------------|-----------|--|

| | | | | |
|--|--|---|------------------|---|
| | | | | <i>not set.</i> ➤ <i>Timely weeding should be carried out</i> |
| | Cucurbits | Fruiting to harvesting stage | Fruit flies | <i>To check the damage by these flies, fruits should be harvested before they start ripening.</i> |
| | Okra | Fruiting to harvesting stage | Spotted bollworm | <ul style="list-style-type: none"> • <i>Remove regularly the attacked fruits and bury deep in the soil.</i> • <i>Harvesting should be done timely</i> |
| | Brinjal | | Wilt | <ul style="list-style-type: none"> • <i>Remove and destroy the affected plant</i> • <i>Proper drainage should be maintained in the field</i> |
| | Ginger / turmeric | Vegetative stage | Rhizome rot | <i>Proper drainage and sanitation should be maintained.</i> <i>Timely earthing up should be carried out.</i> |
| | <p style="text-align: center;"><i>Livestock</i></p> <p style="text-align: center;">Water stagnation should be avoided in livestock shed to avoid mosquito breeding. Daily provide clean and cool drinking water to the animals</p> | | | |
| | Poultry | <ul style="list-style-type: none"> • 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 | <ul style="list-style-type: none"> • Disinfect the floors and walls at frequent intervals. Daily inspection early in the morning should be done for any abnormal behaviour. Observe their general stage of health, check for parasites and injuries, and watch out for any abnormal feeding habits | | |
| | <p style="text-align: center;"><i>Fisheries</i></p> | | | |
| | | <ul style="list-style-type: none"> • Water inlet should be covered with mesh cloth which will help in preventing entry of unwanted insects as well as unwanted predatory fishes. • Runoff following a heavy rain can transport a variety of unwanted chemicals into the pond including pesticides, herbicides, fertilizers, petroleum products. • Avoid areas where the likelihood of chemical runoff is high and avoid using chemicals on the watershed | | |

SCIENTIFIC EXPERT COMMITTEE

| 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 |
| 6 | Dr. Azeze Seyie | Scientist | Spices, Plantation & Medicinal & 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 |



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Integrated Agromet Advisory Service Bulletin from 11th to 15th Aug'18 Zunheboto District

Bulletin No:64/2018

Weather summary of the preceding week

- Light rain occurred the past week
- Maximum and minimum temperatures ranged 27⁰C to 29⁰C and 18⁰C to 19⁰C, respectively.
- Relative humidity varied from 67% to 92%.
- Wind speed ranged from 2 to 3 kmph

Weather forecast valid upto 15th Aug 2018

- Probability of light rain the coming week.
- **Max temp** is likely to be 29⁰C - 31⁰C and the **min temp** 20⁰C to 21⁰C
- **Sky is likely to be cloudy** the coming week
- **Relative Humidity** is likely to range from 76% to 94%.
- **Wind speed** may reach upto 1- 2 kmph
- **Wind direction** will be southerly

Timely field sanitation should be done for all the crops. Always use freshly prepared neem seed kernel extract. Apply pesticides only when required. Don't apply more than the recommended dose of the pesticide


Field crops

| Main Crops | Stage | Pest/ Diseases | Agro-meteorological Advisories |
|----------------------|--------------------------|----------------|--|
| <i>Jhum Paddy</i> | Panicle initiation stage | | <i>Daily monitoring of the field should be done and assess changes in plant health, pest status and crop damage. Through frequent field inspections, pest problems can be identified in time and act quickly to prevent pests from spreading and causing further damage to crops</i> |
| <i>TRC/WRC paddy</i> | Tillering stage | Brown spot | <i>Monitor the field against brown spot, leaves show oval shaped foliar spots with yellow halo. Severely affected field presents a reddish appearance.</i> |
| <i>Soybean</i> | Vegetative stage | - | <i>Proper earthing up should be done. Timely weeding should be done to improve crop productivity till 40 days after sowing</i> |
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Horticultural crop

- *Proper weeding, earthing up should be done and staking should be done for good production.*

| | | | |
|---------------|------------------------------|-----------|--|
| <i>Citrus</i> | fruiting to harvesting stage | Mealy bug | <ul style="list-style-type: none"> ➤ <i>In citrus orchard, destroy the ant colonies (black ants) as they act as the carriers of mealy bug. The affected plants become pale, wilt and may die also. In heavily attacked plants, citrus fruits do not set.</i> ➤ <i>Timely weeding should be carried out</i> |
|---------------|------------------------------|-----------|--|

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|---|--|---|------------------|---|
| | Cucurbits | Fruiting to harvesting stage | Fruit flies | <i>To check the damage by these flies, fruits should be harvested before they start ripening.</i> |
| | Okra | Fruiting to harvesting stage | Spotted bollworm | <ul style="list-style-type: none"> • <i>Remove regularly the attacked fruits and bury deep in the soil.</i> • <i>Harvesting should be done timely</i> |
| | Brinjal | | Wilt | <ul style="list-style-type: none"> • <i>Remove and destroy the affected plant</i> • <i>Proper drainage should be maintained in the field</i> |
| | Ginger / turmeric | Vegetative stage | Rhizome rot | <i>Proper drainage and sanitation should be maintained. Timely earthing up should be carried out.</i> |
| | <p style="text-align: center;"><i>Livestock</i></p> <p style="text-align: center;">Water stagnation should be avoided in livestock shed to avoid mosquito breeding Daily provide clean and cool drinking water to the animals</p> | | | |
| | Poultry | <ul style="list-style-type: none"> • 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 | <ul style="list-style-type: none"> • Disinfect the floors and walls at frequent intervals. Daily inspection early in the morning should be done for any abnormal behaviour. Observe their general stage of health, check for parasites and injuries, and watch out for any abnormal feeding habits | | |
| | <p style="text-align: center;"><i>Fisheries</i></p> | | | |
|  | | <ul style="list-style-type: none"> • Water inlet should be covered with mesh cloth which will help in preventing entry of unwanted insects as well as unwanted predatory fishes. • Runoff following a heavy rain can transport a variety of unwanted chemicals into the pond including pesticides, herbicides, fertilizers, petroleum products. • Avoid areas where the likelihood of chemical runoff is high and avoid using chemicals on the watershed | | |

SCIENTIFIC EXPERT COMMITTEE


| 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 |
| 6 | Dr. Azeze Seyie | Scientist | Spices, Plantation & Medicinal & 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 11th to 15th Aug'18 Dimapur District

Bulletin No:64/2018

| Weather summary of the preceding week | | | Weather forecast valid upto 15 th Aug 2018 |
|--|------------------------------|----------------|---|
| <ul style="list-style-type: none"> Light rain occurred the past week Maximum and minimum temperatures ranged 34⁰C to 35⁰C and 24⁰C to 25⁰C, respectively. Relative humidity varied from 40% to 95%. Wind speed ranged from 2 to 3 kmph | | | <ul style="list-style-type: none"> Probability of light rain the coming week. Max temp is likely to be 33⁰C - 35⁰C and the min temp 24⁰C to 25⁰C Sky is likely to be cloudy the coming week Relative Humidity is likely to range from 65% to 95%. Wind speed may reach upto 1- 2 kmph Wind direction will be mostly southeasterly |
| Timely field sanitation should be done for all the crops. Always use freshly prepared neem seed kernel extract. Apply pesticides only when required. Don't apply more than the recommended dose of the pesticide | | | |
| Field crops | | | |
| Main Crops | Stage | Pest/ Diseases | Agro-meteorological Advisories |
| Jhum Paddy | Panicle initiation stage | | Daily monitoring of the field should be done and assess changes in plant health, pest status and crop damage. Through frequent field inspections, pest problems can be identified in time and act quickly to prevent pests from spreading and causing further damage to crops |
| TRC/WRC 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. |
| Soybean | Vegetative stage | - | Proper earthing up should be done. Timely weeding should be done to improve crop productivity till 40 days after sowing |
| | | | |
| | | | |
| Horticultural crop | | | |
| <ul style="list-style-type: none"> Proper weeding, earthing up should be done and staking should be done for good production. | | | |
| Citrus | fruiting to harvesting stage | Mealy bug | <ul style="list-style-type: none"> In citrus orchard, destroy the ant colonies (black ants) as they act as the carriers of mealy bug. The affected plants become pale, wilt and may die also. In heavily attacked plants, citrus fruits do not set. Timely weeding should be carried out |
| Cucurbits | Fruiting to harvesting stage | Fruit flies | To check the damage by these flies, fruits should be harvested before they start ripening. |
| Okra | Fruiting to | Spotted | <ul style="list-style-type: none"> Remove regularly the attacked fruits and bury deep in the soil. |

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|--|---|---|-------------|---|
|  | | harvesting stage | bollworm | <ul style="list-style-type: none">• <i>Harvesting should be done timely</i> |
| | Brinjal | | Wilt | <ul style="list-style-type: none">• <i>Remove and destroy the affected plant</i>• <i>Proper drainage should be maintained in the field</i> |
| | Ginger / turmeric | Vegetative stage | Rhizome rot | <i>Proper drainage and sanitation should be maintained.</i> <i>Timely earthing up should be carried out.</i> |
| | <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 | <ul style="list-style-type: none">• 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 | <ul style="list-style-type: none">• Disinfect the floors and walls at frequent intervals. Daily inspection early in the morning should be done for any abnormal behaviour. Observe their general stage of health, check for parasites and injuries, and watch out for any abnormal feeding habits | | |
| | <i>Fisheries</i> | | | |
| | | <ul style="list-style-type: none">• Water inlet should be covered with mesh cloth which will help in preventing entry of unwanted insects as well as unwanted predatory fishes.• Runoff following a heavy rain can transport a variety of unwanted chemicals into the pond including pesticides, herbicides, fertilizers, petroleum products.• Avoid areas where the likelihood of chemical runoff is high and avoid using chemicals on the watershed | | |

SCIENTIFIC EXPERT COMMITTEE

| 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 |
| 6 | Dr. Azeze Seyie | Scientist | Spices, Plantation & Medicinal & 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 11th to 15th Aug'18 Kiphire District

Bulletin No:64/2018

Weather summary of the preceding week

- Moderate rain occurred the past week
- Maximum and minimum temperatures ranged 27⁰C to 33⁰C and 20⁰C to 23⁰C, respectively.
- Relative humidity varied from 47% to 95%.
- Wind speed ranged from 1 to 2 kmph

Weather forecast valid upto 15th Aug 2018

- Probability of heavy rain the coming week.
- **Max temp** is likely to be 31⁰C - 32⁰C and the **min temp** 21⁰C to 22⁰C
- **Sky is likely to be mainly cloudy** the coming week
- **Relative Humidity** is likely to range from 73% to 95%.
- **Wind speed** may reach upto 1-2 kmph
- **Wind direction** will be mostly southerly

Timely field sanitation should be done for all the crops. Always use freshly prepared neem seed kernel extract. Apply pesticides only when required. Don't apply more than the recommended dose of the pesticide


Field crops

| Main Crops | Stage | Pest/ Diseases | Agro-meteorological Advisories |
|----------------------|--------------------------|----------------|--|
| <i>Jhum Paddy</i> | Panicle initiation stage | | Daily monitoring of the field should be done and assess changes in plant health, pest status and crop damage. Through frequent field inspections, pest problems can be identified in time and act quickly to prevent pests from spreading and causing further damage to crops |
| <i>TRC/WRC paddy</i> | 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. |
| <i>Soybean</i> | Vegetative stage | - | Proper earthing up should be done. Timely weeding should be done to improve crop productivity till 40 days after sowing |
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Horticultural crop

- Proper weeding, earthing up should be done and staking should be done for good production.

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|------------------|------------------------------|-------------|--|
| <i>Citrus</i> | fruiting to harvesting stage | Mealy bug | <ul style="list-style-type: none"> ➤ In citrus orchard, destroy the ant colonies (black ants) as they act as the carriers of mealy bug. The affected plants become pale, wilt and may die also. In heavily attacked plants, citrus fruits do not set. ➤ Timely weeding should be carried out |
| <i>Cucurbits</i> | Fruiting to harvesting stage | Fruit flies | To check the damage by these flies, fruits should be harvested before they start ripening. |
| <i>Okra</i> | Fruiting to | Spotted | <ul style="list-style-type: none"> • Remove regularly the attacked fruits and bury deep in the soil. |

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|--|--|---|-------------|---|
| | | harvesting stage | bollworm | <ul style="list-style-type: none">• <i>Harvesting should be done timely</i> |
| | Brinjal | | Wilt | <ul style="list-style-type: none">• <i>Remove and destroy the affected plant</i>• <i>Proper drainage should be maintained in the field</i> |
| | Ginger / turmeric | Vegetative stage | Rhizome rot | <i>Proper drainage and sanitation should be maintained. Timely earthing up should be carried out.</i> |
| | <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 | <ul style="list-style-type: none">• 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 | <ul style="list-style-type: none">• Disinfect the floors and walls at frequent intervals. Daily inspection early in the morning should be done for any abnormal behaviour. Observe their general stage of health, check for parasites and injuries, and watch out for any abnormal feeding habits | | |
| | <i>Fisheries</i> | | | |
|  | | <ul style="list-style-type: none">• Water inlet should be covered with mesh cloth which will help in preventing entry of unwanted insects as well as unwanted predatory fishes.• Runoff following a heavy rain can transport a variety of unwanted chemicals into the pond including pesticides, herbicides, fertilizers, petroleum products.• Avoid areas where the likelihood of chemical runoff is high and avoid using chemicals on the watershed | | |

SCIENTIFIC EXPERT COMMITTEE

| 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 |
| 6 | Dr. Azeze Seyie | Scientist | Spices, Plantation & Medicinal & Aromatic Plants | azezeseyie@yahoo.com |
| 7 | Jyotish Barman | Scientist | Fisheries Resource Management | jyotish5@gmail.com |
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Integrated Agromet Advisory Service Bulletin from 11th to 15th Aug'18 Kohima District

Bulletin No:64/2018

Weather summary of the preceding week

- Moderate rain occurred the past week
- Maximum and minimum temperatures ranged 26^oC to 28^oC and 19^oC to 21^oC, respectively.
- Relative humidity varied from 58% to 97%.
- Wind speed ranged from 2 to 3 kmph

Weather forecast valid upto 15th Aug 2018

- Probability of heavy rain the coming week.
- **Max temp** is likely to be 27^oC - 28^oC and the **min temp** 18^oC to 19^oC
- **Sky is likely to be cloudy** the coming week
- **Relative Humidity** is likely to range from 70% to 95%.
- **Wind speed** may reach upto 2-3 kmph
Wind direction will be mostly southeasterly

Timely field sanitation should be done for all the crops. Always use freshly prepared neem seed kernel extract. Apply pesticides only when required. Don't apply more than the recommended dose of the pesticide


Field crops

| Main Crops | Stage | Pest/ Diseases | Agro-meteorological Advisories |
|----------------------|--------------------------|----------------|--|
| <i>Jhum Paddy</i> | Panicle initiation stage | | <i>Daily monitoring of the field should be done and assess changes in plant health, pest status and crop damage. Through frequent field inspections, pest problems can be identified in time and act quickly to prevent pests from spreading and causing further damage to crops</i> |
| <i>TRC/WRC paddy</i> | Tillering stage | Brown spot | <i>Monitor the field against brown spot, leaves show oval shaped foliar spots with yellow halo. Severely affected field presents a reddish appearance.</i> |
| <i>Soybean</i> | Vegetative stage | - | <i>Proper earthing up should be done. Timely weeding should be done to improve crop productivity till 40 days after sowing</i> |
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Horticultural crop

- Proper weeding, earthing up should be done and staking should be done for good production.

| | | | |
|---------------|------------------------------|-----------|--|
| <i>Citrus</i> | fruiting to harvesting stage | Mealy bug | ➤ <i>In citrus orchard, destroy the ant colonies (black ants) as they act as the carriers of mealy bug. The affected plants become pale, wilt and may die also. In heavily attacked plants, citrus fruits do not</i> |
|---------------|------------------------------|-----------|--|

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|--|---|---|--|---|
| | | | | <i>set.</i> ➤ <i>Timely weeding should be carried out</i> |
| | Cucurbits | Fruiting to harvesting stage | Fruit flies | <i>To check the damage by these flies, fruits should be harvested before they start ripening.</i> |
| | Okra | Fruiting to harvesting stage | Spotted bollworm | <ul style="list-style-type: none"> • <i>Remove regularly the attacked fruits and bury deep in the soil.</i> • <i>Harvesting should be done timely</i> |
| | Brinjal | | Wilt | <ul style="list-style-type: none"> • <i>Remove and destroy the affected plant</i> • <i>Proper drainage should be maintained in the field</i> |
| | Ginger / turmeric | Vegetative stage | Rhizome rot | <i>Proper drainage and sanitation should be maintained.</i> <i>Timely earthing up should be carried out.</i> |
| | Khasi Mandarin | | Leaf miner, aphids, mites, trunk borer | <i>Spray neem oil @5ml/litre water against leaf miner, aphids, mites. Shake the trees to collect adult trunk borer</i> |
| | <p style="text-align: center;"><i>Livestock</i></p> <p style="text-align: center;">Water stagnation should be avoided in livestock shed to avoid mosquito breeding. Daily provide clean and cool drinking water to the animals</p> | | | |
| | Poultry | <ul style="list-style-type: none"> • 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 | <ul style="list-style-type: none"> • Disinfect the floors and walls at frequent intervals. Daily inspection early in the morning should be done for any abnormal behaviour. Observe their general stage of health, check for parasites and injuries, and watch out for any abnormal feeding habits | | | |
| <p style="text-align: center;"><i>Fisheries</i></p> | | | | |
|  | | <ul style="list-style-type: none"> • Water inlet should be covered with mesh cloth which will help in preventing entry of unwanted insects as well as unwanted predatory fishes. • Runoff following a heavy rain can transport a variety of unwanted chemicals into the pond including pesticides, herbicides, fertilizers, petroleum products. • Avoid areas where the likelihood of chemical runoff is high and avoid using chemicals on the watershed | | |

SCIENTIFIC EXPERT COMMITTEE


| 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 |
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| 7 | Jyotish Barman | Scientist | Fisheries Resource Management | jyotish5@gmail.com |
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Integrated Agromet Advisory Service Bulletin from 11th to 15th Aug'18 Longleng District

Bulletin No:64/2018

| Weather summary of the preceding week | | | Weather forecast valid upto 15 th Aug 2018 |
|--|------------------------------|----------------|---|
| <ul style="list-style-type: none"> Light rain occurred the past week Maximum and minimum temperatures ranged 29⁰C to 31⁰C and 20⁰C to 21⁰C, respectively. Relative humidity varied from 65% to 95%. Wind speed ranged from 2 to 4 kmph | | | <ul style="list-style-type: none"> Probability of light rain the coming week. Max temp is likely to be 31⁰C - 32⁰C and the min temp 21⁰C to 22⁰C Sky is likely to be cloudy the coming week Relative Humidity is likely to range from 58% to 95%. Wind speed may reach upto 2- 4 kmph Wind direction will be mostly southeasterly |
| Timely field sanitation should be done for all the crops. Always use freshly prepared neem seed kernel extract. Apply pesticides only when required. Don't apply more than the recommended dose of the pesticide | | | |
| Field crops | | | |
| Main Crops | Stage | Pest/ Diseases | Agro-meteorological Advisories |
| <i>Jhum Paddy</i> | Panicle initiation stage | | <i>Daily monitoring of the field should be done and assess changes in plant health, pest status and crop damage. Through frequent field inspections, pest problems can be identified in time and act quickly to prevent pests from spreading and causing further damage to crops</i> |
| <i>TRC/WRC paddy</i> | Tillering stage | Brown spot | <i>Monitor the field against brown spot, leaves show oval shaped foliar spots with yellow halo. Severely affected field presents a reddish appearance.</i> |
| <i>Soybean</i> | Vegetative stage | - | <i>Proper earthing up should be done. Timely weeding should be done to improve crop productivity till 40 days after sowing</i> |
| | | | |
| | | | |
| Horticultural crop | | | |
| <ul style="list-style-type: none"> Proper weeding, earthing up should be done and staking should be done for good production. | | | |
| <i>Citrus</i> | fruiting to harvesting stage | Mealy bug | <ul style="list-style-type: none"> In citrus orchard, destroy the ant colonies (black ants) as they act as the carriers of mealy bug. The affected plants become pale, wilt and may die also. In heavily attacked plants, citrus fruits do not set. Timely weeding should be carried out |

| | | | | |
|---|--|---|------------------|---|
| | Cucurbits | Fruiting to harvesting stage | Fruit flies | <i>To check the damage by these flies, fruits should be harvested before they start ripening.</i> |
| | Okra | Fruiting to harvesting stage | Spotted bollworm | <ul style="list-style-type: none"> • <i>Remove regularly the attacked fruits and bury deep in the soil.</i> • <i>Harvesting should be done timely</i> |
| | Brinjal | | Wilt | <ul style="list-style-type: none"> • <i>Remove and destroy the affected plant</i> • <i>Proper drainage should be maintained in the field</i> |
| | Ginger / turmeric | Vegetative stage | Rhizome rot | <i>Proper drainage and sanitation should be maintained. Timely earthing up should be carried out.</i> |
| | <p style="text-align: center;"><i>Livestock</i></p> <p style="text-align: center;">Water stagnation should be avoided in livestock shed to avoid mosquito breeding Daily provide clean and cool drinking water to the animals</p> | | | |
| | Poultry | <ul style="list-style-type: none"> • 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 | <ul style="list-style-type: none"> • Disinfect the floors and walls at frequent intervals. Daily inspection early in the morning should be done for any abnormal behaviour. Observe their general stage of health, check for parasites and injuries, and watch out for any abnormal feeding habits | | |
| <p style="text-align: center;"><i>Fisheries</i></p> | | | | |
|  | | <ul style="list-style-type: none"> • Water inlet should be covered with mesh cloth which will help in preventing entry of unwanted insects as well as unwanted predatory fishes. • Runoff following a heavy rain can transport a variety of unwanted chemicals into the pond including pesticides, herbicides, fertilizers, petroleum products. • Avoid areas where the likelihood of chemical runoff is high and avoid using chemicals on the watershed | | |

SCIENTIFIC EXPERT COMMITTEE

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