



Integrated Agromet Advisory Service Bulletin from 22nd to 26th April'17 Dimapur District

Bulletin No:30/2017

ICAR RESEARCH COMPLEX FOR NEH REGION

Weather summary of the preceding week

- Light rain occurred the past week
- Maximum and minimum temperatures ranged 29^oC to 31^oC and 15^oC to 17^oC, respectively.
- Relative humidity varied from 17% to 94%.
- Wind speed ranged from 3 to 4 kmph

Weather forecast valid upto 26th April'17

- Probability of moderate rain the coming week.
- **Max temp** is likely to be 26^oC - 28^oC and the **min temp** 21^oC to 22^oC
- **Sky is likely to be mainly cloudy** the coming week
- **Relative Humidity** is likely to range from 40% to 91%.
- **Wind speed** may reach upto 2- 4 kmph
Wind direction will be mostly southeasterly

Field crops

General Recommendations

- As there is probability of moderate to heavy rain in isolated pockets of Nagaland this week too, proper drainage should be maintained in the field and proper weeding and earthing up should be carried out.
- Due to variable weather, farmers are advised to do constant monitoring against attack of pest and disease in vegetable crop, if symptom is observed then take protection measures as per recommendation when sky remain clear.

| Main Crops | Stage | Pest/ Diseases | Agro-meteorological Advisories |
|----------------------|------------------|-------------------|---|
| <i>Jhum paddy</i> | Vegetative stage | Blast | <i>Maintain field sanitation and adopt clean cultivation</i> |
| <i>TRC/WRC paddy</i> | | | <i>Crop rotation should be adopted to break the cycle between insect pests or pathogen and host plant.</i> |
| <i>Summer maize</i> | Vegetative stage | | <i>Maintain proper drainage in the field. As there is probability of rain this week too, after weeding, earthing up should be done.</i> |
| <i>Green gram</i> | Vegetative stage | | <i>Clean cultivation should be maintained</i> |

Horticultural crop

- In nursery, to avoid damping off, other soil borne diseases, root rot and wilt diseases sow the seeds in raised bed.
- Maintain proper sanitation –
 - ✓ Removal and burning of previous crop debris and infected plant parts, Remove weeds at regular intervals

| | | | |
|--------------------------|---------------------|------------------------------|---|
| Mandarin | | | <ul style="list-style-type: none"> • During this season, single spray of bavistin (0.1%) should be done • After 15 days spray the bordeaux mixture (1%) |
| Okra | Vegetative stage | | <p>Grow maize on borders as a barrier to prevent the entry of shoot & fruit borer adults.</p> <p>Weeding should be done and earthing up should be carried out.</p> |
| Potato | Maturing stage | | <ul style="list-style-type: none"> • Farmers are advised to monitor the field for the incidence of blight. |
| Cucurbits | | Potato aphids | <ul style="list-style-type: none"> • Check for potato aphids which transmits potato leaf curl virus. Aphids pierce veins, stems, growing tips, and blossoms with their needle-like mouthparts. As a result, blossoms shed and yield is reduced. New growth becomes stunted and curled. Heavily infested plants turn brown and die from the top down. Aphids tend to spread rapidly from field to field |
| | | Early blight and late blight | <ul style="list-style-type: none"> • Remove the affected plant/parts and regular monitoring of field for disease should be done. • Provide proper earthing up (15cm height) to reduce the infection of tubers. |
| | Vegetative stage | | <ul style="list-style-type: none"> • Spray <i>ethrel (plant growth regulator)</i> @0.2 ml in 1 lt of water at 2 true leaf stage and second spray at 4 true leaf stage to increase the number of fruits. • |
| Summer vegetables | Vegetative stage | | <ul style="list-style-type: none"> • For spring summer vegetables, the young seedlings should be taken care properly. Monitor the field for damping off and other fungal disease. Take proper measures. |
| Brinjal | Transplanting stage | | <ul style="list-style-type: none"> • Transplanting of young seedlings of brinjal may be done in prepared fields. Seed treatment should be done. Use well decomposed FYM 10-12 tonne/acre in the field after ploughing. |
| Naga king chilli | Transplanting stage | Damping off | <p>February sown king chilli may be transplanted in the field at 90-100cm spacing. Well decomposed FYM/vermicompost or other locally available manures should be applied.</p> |
| Fruit trees | | | <p>Pits for fruit plantations should be ready for May - June planting (1x1x1) m³ pit size.</p> |
| Mango | | Mango hopper | <p>In mango orchard, farmers are advised for monitoring the mango hopper. Infected inflorescence should be destroyed.</p> |
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| | <i>Livestock</i> | | | |
| | <i>Poultry</i> | <ul style="list-style-type: none"> • Vanaraja, a dual purpose bird is suitable for backyard poultry farming due to its high production potential in terms of meat and egg than that of local/desi bird (low produces of meat and egg). It thrives well under low feeding and managemental practices due to its adaptability and local climatic conditions. • Srinidhi, a coloured bird of egg laying type, suitable for rural poultry farming. • Vaccinate the bird against Ranikhet disease | | |
| | <i>Piggery</i> | <ul style="list-style-type: none"> • Vaccinate all newly born piglets against swine fever at the age of 3 months followed by annual booster dose. Keep floor dry to avoid skin diseases. • Do AI (Artificial Insemination) in sow for breeding purpose • Deworming of pig at every 6 month interval | | |
|  <p>भारत सरकार ICAR</p> | <i>Fishery</i> | <ul style="list-style-type: none"> • Prepare the pond • Apply lime and organic manure in case of pond filled with water • Remove aquatic weeds if infested • Small ponds can be made ready for nursery rearing | | |

Scientific Expert committee

| Sl.no | Name | Designation | Department | |
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ICAR - RCNEH

Integrated Agromet Advisory Service Bulletin from 22nd to 26th April'17 Kiphire District

Bulletin No:30/2017

Weather summary of the preceding week

- Light rain occurred the past week
- Maximum and minimum temperatures ranged 25°C to 30°C and 11°C to 18°C, respectively.
- Relative humidity varied from 17% to 95%.
- Wind speed ranged from 1 to 2 kmph

Weather forecast valid upto 26th April'17

- Probability of light rain the coming week.
- **Max temp** is likely to be 26°C - 27°C and the **min temp** 22°C to 23°C
- **Sky is likely to be mainly cloudy** the coming week
- **Relative Humidity** is likely to range from 47% to 95%.
- **Wind speed** may reach upto 1- 2 kmph
- **Wind direction** will be mostly southerly

Field crops

General Recommendations

- As there is probability of moderate to heavy rain in isolated pockets of Nagaland this week too, proper drainage should be maintained in the field and proper weeding and earthing up should be carried out.
- Due to variable weather, farmers are advised to do constant monitoring against attack of pest and disease in vegetable crop, if symptom is observed then take protection measures as per recommendation when sky remain clear.

| Main Crops | Stage | Pest/ Diseases | Agro-meteorological Advisories |
|----------------------|------------------|-------------------|---|
| <i>Jhum paddy</i> | Vegetative stage | Blast | <i>Maintain field sanitation and adopt clean cultivation</i> |
| <i>TRC/WRC paddy</i> | | | <i>Crop rotation should be adopted to break the cycle between insect pests or pathogen and host plant.</i> |
| <i>Summer maize</i> | Vegetative stage | | <i>Maintain proper drainage in the field. As there is probability of rain this week too, after weeding, earthing up should be done.</i> |
| <i>Green gram</i> | Vegetative stage | | <i>Clean cultivation should be maintained</i> |

Horticultural crop

- In nursery, to avoid damping off, other soil borne diseases, root rot and wilt diseases sow the seeds in raised bed.
- Maintain proper sanitation –
 - ✓ Removal and burning of previous crop debris and infected plant parts, Remove weeds at regular intervals

| | | | |
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| <i>Mandarin</i> | | | <ul style="list-style-type: none"> • <i>During this season, single spray of bavistin (0.1%) should be done</i> • <i>After 15 days spray the bordeaux mixture (1%)</i> |
| <i>Okra</i> | Vegetative stage | | <ul style="list-style-type: none"> • <i>Grow maize on borders as a barrier to prevent the entry of shoot & fruit borer adults.</i> • <i>Weeding should be done and earthing up should be carried out.</i> |
| <i>Potato</i> | Maturing stage | | <ul style="list-style-type: none"> • <i>Farmers are advised to monitor the field for the incidence of blight.</i> |

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Integrated Agromet Advisory Service Bulletin from 22nd to 26th April'17 Kohima District

Bulletin No:30/2017

Weather summary of the preceding week

- Light rain occurred the past week
- Maximum and minimum temperatures ranged 24 °C to 30°C and 11°C to 14°C, respectively.
- Relative humidity varied from 17% to 90%.
- Wind speed ranged from 1 to 2 kmph

Weather forecast valid upto 26th April'17

- Probability of heavy rain the coming week.
- **Max temp** is likely to be 25°C - 29°C and the **min temp** 21°C to 22°C
- **Sky is likely to be mainly cloudy** the coming week
- **Relative Humidity** is likely to range from 59% to 97%.
- **Wind speed** may reach upto 1- 2 kmph
- **Wind direction** will be southerly

Field crops

General Recommendations

- As there is probability of moderate to heavy rain in isolated pockets of Nagaland this week too, proper drainage should be maintained in the field and proper weeding and earthing up should be carried out.
- Due to variable weather, farmers are advised to do constant monitoring against attack of pest and disease in vegetable crop, if symptom is observed then take protection measures as per recommendation when sky remain clear.

| Main Crops | Stage | Pest/ Diseases | Agro-meteorological Advisories |
|----------------------|------------------|-------------------|---|
| <i>Jhum paddy</i> | Vegetative stage | Blast | <i>Maintain field sanitation and adopt clean cultivation</i> |
| <i>TRC/WRC paddy</i> | | | <i>Crop rotation should be adopted to break the cycle between insect pests or pathogen and host plant.</i> |
| <i>Summer maize</i> | Vegetative stage | | <i>Maintain proper drainage in the field. As there is probability of rain this week too, after weeding, earthing up should be done.</i> |
| <i>Green gram</i> | Vegetative stage | | <i>Clean cultivation should be maintained</i> |

Horticultural crop

- In nursery, to avoid damping off, other soil borne diseases, root rot and wilt diseases sow the seeds in raised bed.
- Maintain proper sanitation –
 - ✓ Removal and burning of previous crop debris and infected plant parts, Remove weeds at regular intervals

| | | | |
|-----------------|------------------|--|---|
| <i>Mandarin</i> | | | <ul style="list-style-type: none"> • <i>During this season, single spray of bavistin (0.1%) should be done</i> • <i>After 15 days spray the bordeaux mixture (1%)</i> |
| <i>Okra</i> | Vegetative stage | | <p><i>Grow maize on borders as a barrier to prevent the entry of shoot & fruit borer adults.</i></p> <p><i>Weeding should be done and earthing up should be carried out.</i></p> |

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Integrated Agromet Advisory Service Bulletin from 22nd to 26th April'17 Longleng District

Bulletin No:30/2017

Weather summary of the preceding week

- Light rain occurred the past week
- Maximum and minimum temperatures ranged 24°C to 27°C and 12°C to 14°C, respectively.
- Relative humidity varied from 22% to 95%.
- Wind speed ranged from 1 to 2 kmph

Weather forecast valid upto 26th April'17

- Probability of moderate rain the coming week.
- **Max temp** is likely to be 26°C - 27°C and the **min temp** 21°C to 22°C
- **Sky is likely to be mainly cloudy** the coming week
- **Relative Humidity** is likely to range from 45% to 90%.
- **Wind speed** may reach upto 1- 2 kmph
- **Wind direction** will be mostly southerly

Field crops

General Recommendations

- As there is probability of moderate to heavy rain in isolated pockets of Nagaland this week too, proper drainage should be maintained in the field and proper weeding and earthing up should be carried out.
- Due to variable weather, farmers are advised to do constant monitoring against attack of pest and disease in vegetable crop, if symptom is observed then take protection measures as per recommendation when sky remain clear.

| Main Crops | Stage | Pest/ Diseases | Agro-meteorological Advisories |
|----------------------|------------------|-------------------|---|
| <i>Jhum paddy</i> | Vegetative stage | Blast | <i>Maintain field sanitation and adopt clean cultivation</i> |
| <i>TRC/WRC paddy</i> | | | <i>Crop rotation should be adopted to break the cycle between insect pests or pathogen and host plant.</i> |
| <i>Summer maize</i> | Vegetative stage | | <i>Maintain proper drainage in the field. As there is probability of rain this week too, after weeding, earthing up should be done.</i> |
| <i>Green gram</i> | Vegetative stage | | <i>Clean cultivation should be maintained</i> |

Horticultural crop

- In nursery, to avoid damping off, other soil borne diseases, root rot and wilt diseases sow the seeds in raised bed.
- Maintain proper sanitation –
 - ✓ Removal and burning of previous crop debris and infected plant parts, Remove weeds at regular intervals

| | | | |
|-----------------|------------------|--|---|
| <i>Mandarin</i> | | | <ul style="list-style-type: none"> • During this season, single spray of bavistin (0.1%) should be done • After 15 days spray the bordeaux mixture (1%) |
| <i>Okra</i> | Vegetative stage | | <ul style="list-style-type: none"> • Grow maize on borders as a barrier to prevent the entry of shoot & fruit borer adults. • Weeding should be done and earthing up should be carried out. |
| <i>Potato</i> | Maturing stage | | <ul style="list-style-type: none"> • Farmers are advised to monitor the field for the incidence of blight |

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Integrated Agromet Advisory Service Bulletin from 22nd to 26th April'17

Mokokchung District

Bulletin No:30/2017

ICAR RESEARCH COMPLEX FOR NEH REGION

(Indian Council of Agricultural Research)

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| <i>Weather summary of the preceding week</i> | <i>Weather forecast valid upto 26th April'17</i> |
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| <ul style="list-style-type: none"> ▪ Light rain occurred the past week ▪ Maximum and minimum temperatures ranged 26°C to 31°C and 13°C to 19°C, respectively. ▪ Relative humidity varied from 20% to 85%. ▪ Wind speed ranged from 1 to 2 kmph | <ul style="list-style-type: none"> ▪ Probability of moderate rain the coming week. ▪ Max temp is likely to be 27°C - 28°C and the min temp 22°C to 23°C ▪ Sky is likely to be mainly cloudy the coming week ▪ Relative Humidity is likely to range from 44% to 95%. ▪ Wind speed may reach upto 1- 2 kmph ▪ Wind direction will be southerly |
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| Field crops | | | |
| General Recommendations | | | |
| <ul style="list-style-type: none"> • As there is probability of moderate to heavy rain in isolated pockets of Nagaland this week too, proper drainage should be maintained in the field and proper weeding and earthing up should be carried out. • Due to variable weather, farmers are advised to do constant monitoring against attack of pest and disease in vegetable crop, if symptom is observed then take protection measures as per recommendation when sky remain clear. | | | |

| Main Crops | Stage | Pest/ Diseases | Agro-meteorological Advisories |
|----------------------|------------------|----------------|---|
| <i>Jhum paddy</i> | Vegetative stage | Blast | <i>Maintain field sanitation and adopt clean cultivation</i> |
| <i>TRC/WRC paddy</i> | | | <i>Crop rotation should be adopted to break the cycle between insect pests or pathogen and host plant.</i> |
| <i>Summer maize</i> | Vegetative stage | | <i>Maintain proper drainage in the field. As there is probability of rain this week too, after weeding, earthing up should be done.</i> |
| <i>Green gram</i> | Vegetative stage | | <i>Clean cultivation should be maintained</i> |

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| Horticultural crop | | | |
| <ul style="list-style-type: none"> • In nursery, to avoid damping off, other soil borne diseases, root rot and wilt diseases sow the seeds in raised bed. • Maintain proper sanitation – <ul style="list-style-type: none"> ✓ Removal and burning of previous crop debris and infected plant parts, Remove weeds at regular intervals | | | |

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| Mandarin | | | <ul style="list-style-type: none"> • <i>During this season, single spray of bavistin (0.1%) should be done</i> • <i>After 15 days spray the bordeaux mixture (1%)</i> |
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| Okra | Vegetative stage | | <p><i>Grow maize on borders as a barrier to prevent the entry of shoot & fruit borer adults.</i></p> <p><i>Weeding should be done and earthing up should be carried out.</i></p> |
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भा कृ अनुसंधान - पु प सं
ICAR - RCNEH

Integrated Agromet Advisory Service Bulletin from 22nd to 26th April'17 Mon District

Bulletin No:30/2017

Weather summary of the preceding week

- Light rain occurred the past week
- Maximum and minimum temperatures ranged 24°C to 30°C and 13°C to 18°C, respectively.
- Relative humidity varied from 22% to 95%
- Wind speed ranged from 1 to 2 kmph

Weather forecast valid upto 26th April'17

- Probability of light rain the coming week.
- **Max temp** is likely to be 27°C - 28°C and the **min temp** 21°C to 22°C
- **Sky is likely to be mainly cloudy** the coming week
- **Relative Humidity** is likely to range from 60% to 92%.
- **Wind speed** may reach upto 1- 2 kmph
- **Wind direction** will be mostly southerly

Field crops

General Recommendations

- As there is probability of moderate to heavy rain in isolated pockets of Nagaland this week too, proper drainage should be maintained in the field and proper weeding and earthing up should be carried out.
- Due to variable weather, farmers are advised to do constant monitoring against attack of pest and disease in vegetable crop, if symptom is observed then take protection measures as per recommendation when sky remain clear.

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Horticultural crop

- In nursery, to avoid damping off, other soil borne diseases, root rot and wilt diseases sow the seeds in raised bed.
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✓ Removal and burning of previous crop debris and infected plant parts, Remove weeds at regular intervals

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| <i>Mandarin</i> | | | <ul style="list-style-type: none"> • <i>During this season, single spray of bavistin (0.1%) should be done</i> • <i>After 15 days spray the bordeaux mixture (1%)</i> |
| <i>Okra</i> | Vegetative stage | | <ul style="list-style-type: none"> • <i>Grow maize on borders as a barrier to prevent the entry of shoot & fruit borer adults.</i> • <i>Weeding should be done and earthing up should be carried out.</i> |

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|---|-----------------|-----------|-------------------------------|---|
| | | | Aromatic Plants | |
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Integrated Agromet Advisory Service Bulletin from 22nd to 26th April'17 Peren District

Bulletin No:30/2017

Weather summary of the preceding week

- Light rain occurred the past week
- Maximum and minimum temperatures ranged 26°C to 31°C and 16°C to 18°C, respectively.
- Relative humidity varied from 17% to 95%.
- Wind speed ranged from 1 to 2 kmph

Weather forecast valid upto 26th April'17

- Probability of heavy rain the coming week.
- **Max temp** is likely to be 26°C - 28°C and the **min temp** 20°C to 22°C
- **Sky is likely to be mainly cloudy** the coming week
- **Relative Humidity** is likely to range from 56% to 92%.
- **Wind speed** may reach upto 1- 2 kmph
- **Wind direction** will be mostly southerly

Field crops

General Recommendations

- As there is probability of moderate to heavy rain in isolated pockets of Nagaland this week too, proper drainage should be maintained in the field and proper weeding and earthing up should be carried out.
- Due to variable weather, farmers are advised to do constant monitoring against attack of pest and disease in vegetable crop, if symptom is observed then take protection measures as per recommendation when sky remain clear.

| Main Crops | Stage | Pest/ Diseases | Agro-meteorological Advisories |
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| <i>Summer maize</i> | Vegetative stage | | <i>Maintain proper drainage in the field. As there is probability of rain this week too, after weeding, earthing up should be done.</i> |
| <i>Green gram</i> | Vegetative stage | | <i>Clean cultivation should be maintained</i> |

Horticultural crop

- In nursery, to avoid damping off, other soil borne diseases, root rot and wilt diseases sow the seeds in raised bed.
- Maintain proper sanitation –
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|-----------------|------------------|--|---|
| <i>Mandarin</i> | | | <ul style="list-style-type: none"> • <i>During this season, single spray of bavistin (0.1%) should be done</i> • <i>After 15 days spray the bordeaux mixture (1%)</i> |
| <i>Okra</i> | Vegetative stage | | <i>Grow maize on borders as a barrier to prevent the entry of shoot & fruit</i> |

Scientific Expert committee

| Sl.no | Name | Designation | Department | |
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Integrated Agromet Advisory Service Bulletin from 22nd to 26th April'17 Phek District

Bulletin No:30/2017

Weather summary of the preceding week

- Light rain occurred the past week
- Maximum and minimum temperatures ranged 25°C to 31°C and 11°C to 18°C, respectively.
- Relative humidity varied from 17% to 95%.
- Wind speed ranged from 1 to 2 kmph

Weather forecast valid upto 26th April'17

- Probability of moderate rain the coming week.
- **Max temp** is likely to be 27°C - 28°C and the **min temp** 23°C to 24°C
- **Sky is likely to be mainly cloudy** the coming week
- **Relative Humidity** is likely to range from 44% to 94%.
- **Wind speed** may reach upto 2- 4 kmph
Wind direction will be mostly southerly

Field crops

General Recommendations

- As there is probability of moderate to heavy rain in isolated pockets of Nagaland this week too, proper drainage should be maintained in the field and proper weeding and earthing up should be carried out.
- Due to variable weather, farmers are advised to do constant monitoring against attack of pest and disease in vegetable crop, if symptom is observed then take protection measures as per recommendation when sky remain clear.

| Main Crops | Stage | Pest/ Diseases | Agro-meteorological Advisories |
|----------------------|------------------|-----------------------|---|
| <i>Jhum paddy</i> | Vegetative stage | Blast | <i>Maintain field sanitation and adopt clean cultivation</i> |
| <i>TRC/WRC paddy</i> | | | <i>Crop rotation should be adopted to break the cycle between insect pests or pathogen and host plant.</i> |
| <i>Summer maize</i> | Vegetative stage | | <i>Maintain proper drainage in the field. As there is probability of rain this week too, after weeding, earthing up should be done.</i> |
| <i>Green gram</i> | Vegetative stage | | <i>Clean cultivation should be maintained</i> |

Horticultural crop

- In nursery, to avoid damping off, other soil borne diseases, root rot and wilt diseases sow the seeds in raised bed.
- Maintain proper sanitation –
✓ Removal and burning of previous crop debris and infected plant parts, Remove weeds at regular intervals

| | | | |
|-----------------|------------------|--|--|
| <i>Mandarin</i> | | | <ul style="list-style-type: none"> • <i>During this season, single spray of bavistin (0.1%) should be done</i> • <i>After 15 days spray the bordeaux mixture (1%)</i> |
| <i>Okra</i> | Vegetative stage | | <ul style="list-style-type: none"> • <i>Grow maize on borders as a barrier to prevent the entry of shoot & fruit borer adults.</i> • <i>Weeding should be done and earthing up should be carried out</i> |

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Integrated Agromet Advisory Service Bulletin from 22nd to 26th April'17 Tuensang District

Bulletin No:30/2017

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ICAR RESEARCH COMPLEX FOR NEH REGION

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| <i>Weather summary of the preceding week</i> | | <i>Weather forecast valid upto 26th April'17</i> | |
|--|------------------|--|---|
| <ul style="list-style-type: none"> ▪ Light rain occurred the past week ▪ Maximum and minimum temperatures ranged 25°C to 31°C and 12°C to 19°C, respectively. ▪ Relative humidity varied from 29% to 91%. ▪ Wind speed ranged from 1 to 2 kmph | | <ul style="list-style-type: none"> ▪ Probability of moderate rain the coming week. ▪ Max temp is likely to be 26°C - 29°C and the min temp 22°C to 23°C ▪ Sky is likely to be mainly cloudy the coming week ▪ Relative Humidity is likely to range from 49% to 93%. ▪ Wind speed may reach upto 1 - 2 kmph ▪ Wind direction will be mostly southerly | |
| Field crops | | | |
| General Recommendations | | | |
| <ul style="list-style-type: none"> • As there is probability of moderate to heavy rain in isolated pockets of Nagaland this week too, proper drainage should be maintained in the field and proper weeding and earthing up should be carried out. • Due to variable weather, farmers are advised to do constant monitoring against attack of pest and disease in vegetable crop, if symptom is observed then take protection measures as per recommendation when sky remain clear. | | | |
| Main Crops | Stage | Pest/ Diseases | Agro-meteorological Advisories |
| <i>Jhum paddy</i> | Vegetative stage | Blast | <i>Maintain field sanitation and adopt clean cultivation</i> |
| <i>TRC/WRC paddy</i> | | | <i>Crop rotation should be adopted to break the cycle between insect pests or pathogen and host plant.</i> |
| <i>Summer maize</i> | Vegetative stage | | <i>Maintain proper drainage in the field. As there is probability of rain this week too, after weeding, earthing up should be done.</i> |
| <i>Green gram</i> | Vegetative stage | | <i>Clean cultivation should be maintained</i> |
| Horticultural crop | | | |
| <ul style="list-style-type: none"> • In nursery, to avoid damping off, other soil borne diseases, root rot and wilt diseases sow the seeds in raised bed. • Maintain proper sanitation – <ul style="list-style-type: none"> ✓ Removal and burning of previous crop debris and infected plant parts, Remove weeds at regular intervals | | | |
| <i>Mandarin</i> | | | <ul style="list-style-type: none"> • <i>During this season, single spray of bavistin (0.1%) should be done</i> • <i>After 15 days spray the bordeaux mixture (1%)</i> |
| <i>Okra</i> | Vegetative stage | | <ul style="list-style-type: none"> • <i>Grow maize on borders as a barrier to prevent the entry of shoot & fruit borer adults.</i> • <i>Weeding should be done and earthing up should be carried out.</i> |



Integrated Agromet Advisory Service Bulletin from 22nd to 26th April'17 Wokha District

Bulletin No:30/2017

Weather summary of the preceding week

- Light rain occurred the past week
- Maximum and minimum temperatures ranged 25°C to 30°C and 11°C to 20°C, respectively.
- Relative humidity varied from 16% to 94%.
- Wind speed ranged from 2 to 4 kmph

Weather forecast valid upto 26th April'17

- Probability of moderate rain the coming week.
- **Max temp** is likely to be 26°C - 27°C and the **min temp** 21°C to 22°C
- **Sky is likely to be mainly cloudy** the coming week
- **Relative Humidity** is likely to range from 39% to 92%.
- **Wind speed** may reach upto 2- 4 kmph
- **Wind direction** will be mostly southeasterly

Field crops

General Recommendations

- As there is probability of moderate to heavy rain in isolated pockets of Nagaland this week too, proper drainage should be maintained in the field and proper weeding and earthing up should be carried out.
- Due to variable weather, farmers are advised to do constant monitoring against attack of pest and disease in vegetable crop, if symptom is observed then take protection measures as per recommendation when sky remain clear.

| Main Crops | Stage | Pest/ Diseases | Agro-meteorological Advisories |
|----------------------|------------------|-----------------------|---|
| <i>Jhum paddy</i> | Vegetative stage | Blast | <i>Maintain field sanitation and adopt clean cultivation</i> |
| <i>TRC/WRC paddy</i> | | | <i>Crop rotation should be adopted to break the cycle between insect pests or pathogen and host plant.</i> |
| <i>Summer maize</i> | Vegetative stage | | <i>Maintain proper drainage in the field. As there is probability of rain this week too, after weeding, earthing up should be done.</i> |
| <i>Green gram</i> | Vegetative stage | | <i>Clean cultivation should be maintained</i> |

Horticultural crop

- In nursery, to avoid damping off, other soil borne diseases, root rot and wilt diseases sow the seeds in raised bed.
- Maintain proper sanitation –
 - ✓ Removal and burning of previous crop debris and infected plant parts, Remove weeds at regular intervals

| | | | |
|-----------------|------------------|--|---|
| <i>Mandarin</i> | | | <ul style="list-style-type: none"> • <i>During this season, single spray of bavistin (0.1%) should be done</i> • <i>After 15 days spray the bordeaux mixture (1%)</i> |
| <i>Okra</i> | Vegetative stage | | <p><i>Grow maize on borders as a barrier to prevent the entry of shoot & fruit borer adults.</i></p> <p><i>Weeding should be done and earthing up should be carried out.</i></p> |

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Integrated Agromet Advisory Service Bulletin from 22nd to 26th April'17 Zunheboto District

Bulletin No:30/2017

Weather summary of the preceding week

- Light rain occurred the past week
- Maximum and minimum temperatures ranged 24°C to 31°C and 11°C to 19°C, respectively.
- Relative humidity varied from 29% to 93%.
- Wind speed ranged from 1 to 2 kmph

Weather forecast valid upto 26th April'17

- Probability of moderate rain the coming week.
- **Max temp** is likely to be 28°C - 30°C and the **min temp** 20°C to 22°C
- **Sky is likely to be mainly cloudy** the coming week
- **Relative Humidity** is likely to range from 54% to 94%.
- **Wind speed** may reach upto 1- 2 kmph
- **Wind direction** will be mostly southerly

Field crops

General Recommendations

- As there is probability of moderate to heavy rain in isolated pockets of Nagaland this week too, proper drainage should be maintained in the field and proper weeding and earthing up should be carried out.
- Due to variable weather, farmers are advised to do constant monitoring against attack of pest and disease in vegetable crop, if symptom is observed then take protection measures as per recommendation when sky remain clear.

| Main Crops | Stage | Pest/ Diseases | Agro-meteorological Advisories |
|----------------------|------------------|-----------------------|---|
| <i>Jhum paddy</i> | Vegetative stage | Blast | <i>Maintain field sanitation and adopt clean cultivation</i> |
| <i>TRC/WRC paddy</i> | | | <i>Crop rotation should be adopted to break the cycle between insect pests or pathogen and host plant.</i> |
| <i>Summer maize</i> | Vegetative stage | | <i>Maintain proper drainage in the field. As there is probability of rain this week too, after weeding, earthing up should be done.</i> |
| <i>Green gram</i> | Vegetative stage | | <i>Clean cultivation should be maintained</i> |

Horticultural crop

- In nursery, to avoid damping off, other soil borne diseases, root rot and wilt diseases sow the seeds in raised bed.
- Maintain proper sanitation –
 - ✓ Removal and burning of previous crop debris and infected plant parts, Remove weeds at regular intervals

| | | | |
|-----------------|------------------|--|---|
| <i>Mandarin</i> | | | <ul style="list-style-type: none"> • <i>During this season, single spray of bavistin (0.1%) should be done</i> • <i>After 15 days spray the bordeaux mixture (1%)</i> |
| <i>Okra</i> | Vegetative stage | | <p><i>Grow maize on borders as a barrier to prevent the entry of shoot & fruit borer adults.</i></p> <p><i>Weeding should be done and earthing up should be carried out.</i></p> |

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