



Integrated Agromet Advisory Service Bulletin from 26th to 30th August'17 Dimapur District

Bulletin No:66/2017

Weather summary of the preceding week

- Moderate rain occurred the past week
- Maximum and minimum temperatures ranged 30⁰C to 34⁰C and 23⁰C to 25⁰C, respectively.
- Relative humidity varied from 65% to 78%.
- Wind speed ranged from 1 to 2 kmph

Weather forecast valid upto 30th August'17

- Probability of moderate rain the coming week.
- **Max temp** is likely to be 33⁰C - 35⁰C and the **min temp** 25⁰C to 26⁰C
- **Sky is likely to be partly cloudy** the coming week
- **Relative Humidity** is likely to range from 55% to 92%.
- **Wind speed** may reach upto 2- 4 kmph
Wind direction will be mostly southeasterly

Field crops

| Main Crops | Stage | Pest/ Diseases | Agro-meteorological Advisories |
|----------------------|------------------------|----------------|---|
| <i>Jhum paddy</i> | Milk development stage | Gundhi bug | <i>Fixing of dead crabs, frogs or even pieces of jackfruit (Artocarpus heterophyllas) to bamboo sticks in rice fields to attract and divert pests from sucking milk of rice grain.</i> |
| <i>TRC/WRC paddy</i> | Tillering stage | | <i>Each 1 kg dry matter of weeds is equivalent to 1 kg grain loss. Weeds cause most yield loss within the first 20–50 days after crop establishment. First weeding should be done within 2–3 weeks after establishment and the second in another 2–3 weeks.</i> |
| <i>Kharif maize</i> | Harvesting stage | | <i>Timely harvesting of the crop should be done</i> |
| <i>Green gram</i> | Harvesting stage | | <i>The crop should be harvested before it is dead ripe. Harvesting during adverse weather condition i.e. rains and overcast weather should be avoided. Such weather is conducive to fungal infection.</i> |
| <i>Groundnut</i> | Vegetative stage | | <i>Timely weeding and earthing up should be done</i> |

Horticultural crop

Timely weeding and earthing up should be done

| | | | |
|---------------|------------------|--|--|
| <i>Citrus</i> | Harvesting stage | | |
|---------------|------------------|--|--|

| | | | |
|---|---|-----------|---|
| Okra | Harvesting stage | | <i>Timely harvesting should be done as delay in harvesting may make the fruits fibrous and lose their tenderness and taste.</i> |
| Cucurbits | Fruiting to harvesting stage | Stink bug | <i>Maintain proper sanitation as they are mostly found in weedy areas.</i> |
| | | | <i>For trailing, dried twigs can be spread on the ground. Weeding should be done whenever necessary.</i> |
| Brinjal | Maturity stage | | <i>Timely weeding and earthing up should be done.</i> |
| | | Wilt | <i>Remove and destroy the affected plant Proper drainage should be maintained in the field</i> |
| Naga king chilli | Fruiting to harvesting stage | | <i>Timely weeding and earthing up should be done Daily monitoring should be done for insect pest and need based neem oil should be spray</i> |
| Fruit trees | | | <i>Maintain proper sanitation in and around the vicinity of the tree Prune trees immediately after harvesting. Grow seasonal crops in inter spaces.</i> |
| Ginger / turmeric | Vegetative stage | - | <i>Timely earthing up and weeding/hoeing should be done. Mulch the plant with dry leaves and straw</i> |
| Livestock | | | |
| Flood affected areas generally experience out-break of human and animal diseases. Vaccination of animals should be done against out-break of major diseases. Provide clean and cool drinking water to the animals | | | |
| Poultry | <ul style="list-style-type: none">• Avoid overcrowding.• Timely removal of wet litter should be carried out.• Prevent water logging near poultry sheds to prevent mosquito breeding.• Make sure that the birds stay warm and cool.• On very sunny and humid days provide electrolytes to replenish their lost nutrients | | |
| Piggery | <ul style="list-style-type: none">• Continue routine de-worming of piglets at 5-6 months interval• Regularly wash the animals and disinfect pens weekly with suitable disinfectant (KMnO₄) | | |
| Fisheries | | | |



Do not plant big trees near your pond. If there are already big trees there, cut any branches that hang over the pond. Water in your pond may not turn green enough if your pond is in the shade.
Application of fish feed (mustard oil cake) is essential for achieving higher yield

Scientific Expert committee

| Sl.no | Name | Designation | Department | |
|-------|------------------|---------------------|--|--|
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| 4 | Dr. Rajesha G | Scientist | Plant Pathology | rajeshag337@gmail.com |
| 5 | Dr. Mahak Singh | Scientist | Animal Reproduction & Gynaecology | mahaksinghivri@gmail.com |
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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 26th to 30th August'17 Kiphire District

Bulletin No:66/2017

ICAR RESEARCH COMPLEX FOR NEH REGION

(Indian Council of Agricultural Research)

| Weather summary of the preceding week | | | Weather forecast valid upto 30 th August'17 |
|--|------------------------------|----------------|--|
| <ul style="list-style-type: none"> Light rain occurred the past week Maximum and minimum temperatures ranged 28°C to 32°C and 22°C to 23°C, respectively. Relative humidity varied from 64% to 94%. Wind speed ranged from 1 to 2 kmph | | | <ul style="list-style-type: none"> Probability of light rain the coming week. Max temp is likely to be 30°C - 32°C and the min temp 20°C to 21°C Sky is likely to be partly cloudy the coming week Relative Humidity is likely to range from 61% to 96%. Wind speed may reach upto 2- 4 kmph Wind direction will be mostly southeasterly |
| Field crops | | | |
| Main Crops | Stage | Pest/ Diseases | Agro-meteorological Advisories |
| <i>Jhum paddy</i> | Milk development stage | Gundhi bug | Fixing of dead crabs, frogs or even pieces of jackfruit (<i>Artocarpus heterophyllas</i>) to bamboo sticks in rice fields to attract and divert pests from sucking milk of rice grain. |
| <i>TRC/WRC paddy</i> | Tillering stage | | Each 1 kg dry matter of weeds is equivalent to 1 kg grain loss. Weeds cause most yield loss within the first 20–50 days after crop establishment. First weeding should be done within 2–3 weeks after establishment and the second in another 2–3 weeks. |
| <i>Kharif maize</i> | Harvesting stage | | Timely harvesting of the crop should be done |
| <i>Green gram</i> | Harvesting stage | | The crop should be harvested before it is dead ripe. Harvesting during adverse weather condition i.e. rains and overcast weather should be avoided. Such weather is conducive to fungal infection. |
| <i>Groundnut</i> | Vegetative stage | | Timely weeding and earthing up should be done |
| Horticultural crop | | | |
| Timely weeding and earthing up should be done | | | |
| <i>Citrus</i> | Harvesting stage | | |
| <i>Okra</i> | Harvesting stage | | Timely harvesting should be done as delay in harvesting may make the fruits fibrous and lose their tenderness and taste. |
| <i>Cucurbits</i> | Fruiting to harvesting stage | Stink bug | Maintain proper sanitation as they are mostly found in weedy areas. |
| | | | For trailing, dried twigs can be spread on the ground. Weeding should be done whenever necessary. |

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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 26th to 30th August'17 Kohima District

Bulletin No:66/2017

Weather summary of the preceding week

- Moderate rain occurred the past week
- Maximum and minimum temperatures ranged 25 °C to 29°C and 18°C to 19°C, respectively.
- Relative humidity varied from 63% to 96%.
- Wind speed ranged from 1 to 2 kmph

Weather forecast valid upto 30th August'17

- Probability of light rain the coming week.
- **Max temp** is likely to be 28°C - 29°C and the **min temp** 19°C to 20°C
- **Sky is likely to be partly cloudy** the coming week
- **Relative Humidity** is likely to range from 52% to 92%.
- **Wind speed** may reach upto 2- 3 kmph
- **Wind direction** will be easterly to southwesterly

Field crops

| Main Crops | Stage | Pest/ Diseases | Agro-meteorological Advisories |
|----------------------|------------------------|-------------------|---|
| <i>Jhum paddy</i> | Milk development stage | Gundhi bug | <i>Fixing of dead crabs, frogs or even pieces of jackfruit (Artocarpus heterophyllas) to bamboo sticks in rice fields to attract and divert pests from sucking milk of rice grain.</i> |
| <i>TRC/WRC paddy</i> | Tillering stage | | <i>Each 1 kg dry matter of weeds is equivalent to 1 kg grain loss. Weeds cause most yield loss within the first 20–50 days after crop establishment. First weeding should be done within 2–3 weeks after establishment and the second in another 2–3 weeks.</i> |
| <i>Kharif maize</i> | Harvesting stage | | <i>Timely harvesting of the crop should be done</i> |
| <i>Green gram</i> | Harvesting stage | | <i>The crop should be harvested before it is dead ripe. Harvesting during adverse weather condition i.e. rains and overcast weather should be avoided. Such weather is conducive to fungal infection.</i> |
| <i>Groundnut</i> | Vegetative stage | | <i>Timely weeding and earthing up should be done</i> |

Horticultural crop

Timely weeding and earthing up should be done

| | | | |
|------------------|------------------------------|-----------|---|
| <i>Citrus</i> | Harvesting stage | | |
| <i>Okra</i> | Harvesting stage | | <i>Timely harvesting should be done as delay in harvesting may make the fruits fibrous and lose their tenderness and taste.</i> |
| <i>Cucurbits</i> | Fruiting to harvesting stage | Stink bug | <i>Maintain proper sanitation as they are mostly found in weedy areas.</i> |
| | | | <i>For trailing, dried twigs can be spread on the ground</i> |

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Integrated Agromet Advisory Service Bulletin from 26th to 30th August'17 Longleng District

Bulletin No:66/2017

| Weather summary of the preceding week | | | Weather forecast valid upto 30 th August'17 |
|---|------------------------------|----------------|--|
| <ul style="list-style-type: none"> Moderate rain occurred the past week Maximum and minimum temperatures ranged 32°C to 34°C and 22°C to 24°C, respectively. Relative humidity varied from 65% to 92%. Wind speed ranged from 1 to 2 kmph | | | <ul style="list-style-type: none"> Probability of light rain the coming week. Max temp is likely to be 31°C - 33°C and the min temp 24°C to 25°C Sky is likely to be partly cloudy the coming week Relative Humidity is likely to range from 57% to 94%. Wind speed may reach upto 2- 4 kmph Wind direction will be mostly southeasterly |
| Field crops | | | |
| Main Crops | Stage | Pest/ Diseases | Agro-meteorological Advisories |
| <i>Jhum paddy</i> | Milk development stage | Gundhi bug | <i>Fixing of dead crabs, frogs or even pieces of jackfruit (Artocarpus heterophyllas) to bamboo sticks in rice fields to attract and divert pests from sucking milk of rice grain..</i> |
| <i>TRC/WRC paddy</i> | Tillering stage | | <i>Each 1 kg dry matter of weeds is equivalent to 1 kg grain loss. Weeds cause most yield loss within the first 20–50 days after crop establishment. First weeding should be done within 2–3 weeks after establishment and the second in another 2–3 weeks.</i> |
| <i>Kharif maize</i> | Harvesting stage | | <i>Timely harvesting of the crop should be done</i> |
| <i>Green gram</i> | Harvesting stage | | <i>The crop should be harvested before it is dead ripe. Harvesting during adverse weather condition i.e. rains and overcast weather should be avoided. Such weather is conducive to fungal infection.</i> |
| <i>Groundnut</i> | Vegetative stage | | <i>Timely weeding and earthing up should be done</i> |
| Horticultural crop | | | |
| Timely weeding and earthing up should be done | | | |
| <i>Citrus</i> | Harvesting stage | | |
| <i>Okra</i> | Harvesting stage | | <i>Timely harvesting should be done as delay in harvesting may make the fruits fibrous and lose their tenderness and taste.</i> |
| <i>Cucurbits</i> | Fruiting to harvesting stage | Stink bug | <i>Maintain proper sanitation as they are mostly found in weedy areas.</i> |
| | | | <i>For trailing, dried twigs can be spread on the ground. Weeding should be done whenever necessary.</i> |
| <i>Brinjal</i> | Maturity stage | | <i>Timely weeding and earthing up should be done.</i> |

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Integrated Agromet Advisory Service Bulletin from 26th to 30th August'17 Mokokchung District

Bulletin No:66/2017

| Weather summary of the preceding week | | | Weather forecast valid upto 30 th August'17 |
|--|------------------------------|----------------|---|
| <ul style="list-style-type: none"> Light rain occurred the past week Maximum and minimum temperatures ranged 30°C to 33°C and 22°C to 24°C, respectively. Relative humidity varied from 61% to 92%. Wind speed ranged from 1 to 2 kmph | | | <ul style="list-style-type: none"> Probability of light rain the coming week. Max temp is likely to be 31°C - 32°C and the min temp 23°C to 24°C Sky is likely to be partly cloudy the coming week Relative Humidity is likely to range from 57% to 90%. Wind speed may reach upto 3- 4 kmph Wind direction will be southeasterly |
| Field crops | | | |
| Main Crops | Stage | Pest/ Diseases | Agro-meteorological Advisories |
| <i>Jhum paddy</i> | Milk development stage | Gundhi bug | <i>Fixing of dead crabs, frogs or even pieces of jackfruit (Artocarpus heterophyllas) to bamboo sticks in rice fields to attract and divert pests from sucking milk of rice grain.</i> |
| <i>TRC/WRC paddy</i> | Tillering stage | | <i>Each 1 kg dry matter of weeds is equivalent to 1 kg grain loss. Weeds cause most yield loss within the first 20–50 days after crop establishment. First weeding should be done within 2–3 weeks after establishment and the second in another 2–3 weeks.</i> |
| <i>Kharif maize</i> | Harvesting stage | | <i>Timely harvesting of the crop should be done</i> |
| <i>Green gram</i> | Harvesting stage | | <i>The crop should be harvested before it is dead ripe. Harvesting during adverse weather condition i.e. rains and overcast weather should be avoided. Such weather is conducive to fungal infection.</i> |
| <i>Groundnut</i> | Vegetative stage | | <i>Timely weeding and earthing up should be done</i> |
| Horticultural crop | | | |
| Timely weeding and earthing up should be done | | | |
| <i>Citrus</i> | Harvesting stage | | |
| <i>Okra</i> | Harvesting stage | | <i>Timely harvesting should be done as delay in harvesting may make the fruits fibrous and lose their tenderness and taste.</i> |
| <i>Cucurbits</i> | Fruiting to harvesting stage | Stink bug | <i>Maintain proper sanitation as they are mostly found in weedy areas.</i> |
| | | | <i>For trailing, dried twigs can be spread on the ground. Weeding should be done whenever necessary.</i> |
| <i>Brinjal</i> | Maturity stage | | <i>Timely weeding and earthing up should be done.</i> |

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भा.कृ.अनुसंधान - पु.प.सं.
ICAR - RCNEH

ICAR RESEARCH COMPLEX FOR NEH REGION

(Indian Council of Agricultural Research)

Integrated Agromet Advisory Service Bulletin from 26th to 30th August'17 Mon District

Bulletin No:66/2017

| Weather summary of the preceding week | | | Weather forecast valid upto 30 th August'17 |
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| <ul style="list-style-type: none"> Light rain occurred the past week Maximum and minimum temperatures ranged 33°C to 34°C and 23°C to 24°C, respectively. Relative humidity varied from 61% to 94% Wind speed ranged from 1 to 2 kmph | | | <ul style="list-style-type: none"> Probability of light rain the coming week. Max temp is likely to be 32°C - 34°C and the min temp 24°C to 25°C Sky is likely to be partly cloudy the coming week Relative Humidity is likely to range from 59% to 95%. Wind speed may reach upto 2- 4 kmph Wind direction will be mostly southeasterly |
| Field crops | | | |
| Main Crops | Stage | Pest/ Diseases | Agro-meteorological Advisories |
| <i>Jhum paddy</i> | Milk development stage | Gundhi bug | Fixing of dead crabs, frogs or even pieces of jackfruit (<i>Artocarpus heterophyllas</i>) to bamboo sticks in rice fields to attract and divert pests from sucking milk of rice grain. |
| <i>TRC/WRC paddy</i> | Tillering stage | | Each 1 kg dry matter of weeds is equivalent to 1 kg grain loss. Weeds cause most yield loss within the first 20–50 days after crop establishment. First weeding should be done within 2–3 weeks after establishment and the second in another 2–3 weeks. |
| <i>Kharif maize</i> | Harvesting stage | | Timely harvesting of the crop should be done |
| <i>Green gram</i> | Harvesting stage | | The crop should be harvested before it is dead ripe. Harvesting during adverse weather condition i.e. rains and overcast weather should be avoided. Such weather is conducive to fungal infection. |
| <i>Groundnut</i> | Vegetative stage | | Timely weeding and earthing up should be done |
| Horticultural crop | | | |
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| <i>Citrus</i> | Harvesting stage | | |
| <i>Okra</i> | Harvesting stage | | Timely harvesting should be done as delay in harvesting may make the fruits fibrous and lose their tenderness and taste. |
| <i>Cucurbits</i> | Fruiting to harvesting stage | Stink bug | Maintain proper sanitation as they are mostly found in weedy areas. |
| | | | For trailing, dried twigs can be spread on the ground. |

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Integrated Agromet Advisory Service Bulletin from 26th to 30th August'17

Peren District

Bulletin No:66/2017

Weather summary of the preceding week

- Light rain occurred the past week
- Maximum and minimum temperatures ranged 31°C to 34°C and 24°C to 25°C, respectively.
- Relative humidity varied from 60% to 95%.
- Wind speed ranged from 2 to 3 kmph

Weather forecast valid upto 30th August'17

- Probability of light rain the coming week.
- **Max temp** is likely to be 30°C - 33°C and the **min temp** 23°C to 24°C
- **Sky is likely to be partly cloudy** the coming week
- **Relative Humidity** is likely to range from 53% to 95%.
- **Wind speed** may reach upto 2- 4 kmph
- **Wind direction** will be mostly southeasterly

Field crops

| Main Crops | Stage | Pest/ Diseases | Agro-meteorological Advisories |
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Horticultural crop

Timely weeding and earthing up should be done

| | | | |
|------------------|------------------------------|-----------|---|
| <i>Citrus</i> | Harvesting stage | | |
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Bulletin No:66/2017

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(Indian Council of Agricultural Research)

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| Horticultural crop | | | |
| Timely weeding and earthing up should be done | | | |
| Citrus | Harvesting stage | | |
| Okra | Harvesting stage | | Timely harvesting should be done as delay in harvesting may make the fruits fibrous and lose their tenderness and taste. |
| Cucurbits | Fruiting to harvesting stage | Stink bug | Maintain proper sanitation as they are mostly found in weedy areas. |
| | | | For trailing, dried twigs can be spread on the ground. |

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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Integrated Agromet Advisory Service Bulletin from 26th to 30th August'17 Tuensang District

Bulletin No:66/2017

Weather summary of the preceding week

- Light rain occurred the past week
- Maximum and minimum temperatures ranged 30°C to 31°C and 22°C to 24°C, respectively.
- Relative humidity varied from 65% to 94%.
- Wind speed ranged from 1 to 2 kmph

Weather forecast valid upto 30th August'17

- Probability of light rain the coming week.
- **Max temp** is likely to be 30°C - 31°C and the **min temp** 22°C to 23°C
- **Sky is likely to be partly cloudy** the coming week
- **Relative Humidity** is likely to range from 71% to 92%.
- **Wind speed** may reach upto 2- 3 kmph
- **Wind direction** will be mostly southeasterly

Field crops

| Main Crops | Stage | Pest/ Diseases | Agro-meteorological Advisories |
|----------------------|------------------------|----------------|---|
| <i>Jhum paddy</i> | Milk development stage | Gundhi bug | <i>Fixing of dead crabs, frogs or even pieces of jackfruit (Artocarpus heterophyllas) to bamboo sticks in rice fields to attract and divert pests from sucking milk of rice grain.</i> |
| <i>TRC/WRC paddy</i> | Tillering stage | | <i>Each 1 kg dry matter of weeds is equivalent to 1 kg grain loss. Weeds cause most yield loss within the first 20–50 days after crop establishment. First weeding should be done within 2–3 weeks after establishment and the second in another 2–3 weeks.</i> |
| <i>Kharif maize</i> | Harvesting stage | | <i>Timely harvesting of the crop should be done</i> |
| <i>Green gram</i> | Harvesting stage | | <i>The crop should be harvested before it is dead ripe. Harvesting during adverse weather condition i.e. rains and overcast weather should be avoided. Such weather is conducive to fungal infection.</i> |
| <i>Groundnut</i> | Vegetative stage | | <i>Timely weeding and earthing up should be done</i> |

Horticultural crop

Timely weeding and earthing up should be done

| | | | |
|------------------|------------------------------|-----------|---|
| <i>Citrus</i> | Harvesting stage | | |
| <i>Okra</i> | Harvesting stage | | <i>Timely harvesting should be done as delay in harvesting may make the fruits fibrous and lose their tenderness and taste.</i> |
| <i>Cucurbits</i> | Fruiting to harvesting stage | Stink bug | <i>Maintain proper sanitation as they are mostly found in weedy areas.</i> |
| | | | <i>For trailing, dried twigs can be spread on the ground. Weeding should be done whenever necessary.</i> |
| <i>Brinjal</i> | Maturity stage | | <i>Timely weeding and earthing up should be done.</i> |

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(Indian Council of Agricultural Research)



Integrated Agromet Advisory Service Bulletin from 26th to 30th August'17 Wokha District

Bulletin No:66/2017

Weather summary of the preceding week

- Moderate rain occurred the past week
- Maximum and minimum temperatures ranged 27°C to 34°C and 21°C to 24°C, respectively.
- Relative humidity varied from 61% to 92%.
- Wind speed ranged from 2 to 4 kmph

Weather forecast valid upto 30th August'17

- Probability of light rain the coming week.
- **Max temp** is likely to be 31°C - 32°C and the **min temp** 22°C to 23°C
- **Sky is likely to be partly cloudy** the coming week
- **Relative Humidity** is likely to range from 57% to 93%.
- **Wind speed** may reach upto 3- 4 kmph
- **Wind direction** will be mostly southeasterly

Field crops

| Main Crops | Stage | Pest/ Diseases | Agro-meteorological Advisories |
|----------------------|------------------------|----------------|---|
| <i>Jhum paddy</i> | Milk development stage | Gundhi bug | <i>Fixing of dead crabs, frogs or even pieces of jackfruit (Artocarpus heterophyllas) to bamboo sticks in rice fields to attract and divert pests from sucking milk of rice grain.</i> |
| <i>TRC/WRC paddy</i> | Tillering stage | | <i>Each 1 kg dry matter of weeds is equivalent to 1 kg grain loss. Weeds cause most yield loss within the first 20–50 days after crop establishment. First weeding should be done within 2–3 weeks after establishment and the second in another 2–3 weeks.</i> |
| <i>Kharif maize</i> | Harvesting stage | | <i>Timely harvesting of the crop should be done</i> |
| <i>Green gram</i> | Harvesting stage | | <i>The crop should be harvested before it is dead ripe. Harvesting during adverse weather condition i.e. rains and overcast weather should be avoided. Such weather is conducive to fungal infection.</i> |
| <i>Groundnut</i> | Vegetative stage | | <i>Timely weeding and earthing up should be done</i> |

Horticultural crop

Timely weeding and earthing up should be done

| | | | |
|------------------|------------------------------|-----------|---|
| <i>Citrus</i> | Harvesting stage | | |
| <i>Okra</i> | Harvesting stage | | <i>Timely harvesting should be done as delay in harvesting may make the fruits fibrous and lose their tenderness and taste.</i> |
| <i>Cucurbits</i> | Fruiting to harvesting stage | Stink bug | <i>Maintain proper sanitation as they are mostly found in weedy areas.</i> |
| | | | <i>For trailing, dried twigs can be spread on the ground. Weeding should be done whenever necessary.</i> |
| <i>Bajra</i> | Maturing stage | | <i>Timely weeding and earthing up should be done</i> |

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Integrated Agromet Advisory Service Bulletin from 26th to 30th August'17 Zunheboto District

Bulletin No:66/2017

Weather summary of the preceding week

- Moderate rain occurred the past week
- Maximum and minimum temperatures ranged 31°C to 33°C and 23°C to 24°C, respectively.
- Relative humidity varied from 63% to 95%.
- Wind speed ranged from 1 to 2 kmph

Weather forecast valid upto 30th August'17

- Probability of light rain the coming week.
- **Max temp** is likely to be 31°C - 32°C and the **min temp** 22°C to 23°C
- **Sky is likely to be partly cloudy** the coming week
- **Relative Humidity** is likely to range from 59% to 94%.
- **Wind speed** may reach upto 2- 4 kmph
- **Wind direction** will be mostly southeasterly

Field crops

| Main Crops | Stage | Pest/ Diseases | Agro-meteorological Advisories |
|----------------------|------------------------|----------------|---|
| <i>Jhum paddy</i> | Milk development stage | Gundhi bug | <i>Fixing of dead crabs, frogs or even pieces of jackfruit (Artocarpus heterophyllas) to bamboo sticks in rice fields to attract and divert pests from sucking milk of rice grain.</i> |
| <i>TRC/WRC paddy</i> | Tillering stage | | <i>Each 1 kg dry matter of weeds is equivalent to 1 kg grain loss. Weeds cause most yield loss within the first 20–50 days after crop establishment. First weeding should be done within 2–3 weeks after establishment and the second in another 2–3 weeks.</i> |
| <i>Kharif maize</i> | Harvesting stage | | <i>Timely harvesting of the crop should be done</i> |
| <i>Green gram</i> | Harvesting stage | | <i>The crop should be harvested before it is dead ripe. Harvesting during adverse weather condition i.e. rains and overcast weather should be avoided. Such weather is conducive to fungal infection.</i> |
| <i>Groundnut</i> | Vegetative stage | | <i>Timely weeding and earthing up should be done</i> |

Horticultural crop

Timely weeding and earthing up should be done

| | | | |
|------------------|------------------------------|-----------|---|
| <i>Citrus</i> | Harvesting stage | | |
| <i>Okra</i> | Harvesting stage | | <i>Timely harvesting should be done as delay in harvesting may make the fruits fibrous and lose their tenderness and taste.</i> |
| <i>Cucurbits</i> | Fruiting to harvesting stage | Stink bug | <i>Maintain proper sanitation as they are mostly found in weedy areas.</i> |

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