



# Integrated Agromet Advisory Service Bulletin from 5<sup>th</sup> to 9<sup>th</sup> August'17 Dimapur District

Bulletin No:60/2017

## Weather summary of the preceding week

- Moderate rain occurred the past week
- Maximum and minimum temperatures ranged 30<sup>0</sup>C to 34<sup>0</sup>C and 23<sup>0</sup>C to 25<sup>0</sup>C, respectively.
- Relative humidity varied from 65% to 78%.
- Wind speed ranged from 1 to 2 kmph

## Weather forecast valid upto 9<sup>th</sup> August'17.

- Probability of light rain the coming week.
- **Max temp** is likely to be 33<sup>0</sup>C - 34<sup>0</sup>C and the **min temp** 25<sup>0</sup>C to 26<sup>0</sup>C
- **Sky is likely to be cloudy** the coming week
- **Relative Humidity** is likely to range from 62% to 94%.
- **Wind speed** may reach upto 2- 4 kmph  
**Wind direction** will be mostly southeasterly

## Field crops

Proper drainage should be maintained in the field.

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>	Transplanting 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>	Maturing stage		<i>Due to continuous rain, the plant may lodge .To save the crop, provide proper drainage in the field and timely earthing up should be done.</i>
<i>Green gram</i>	Maturity stage		<i>Good drainage may be given to manage soil borne root diseases</i>

## Horticultural crop

Water logging in the field should be completely avoided since stagnation of water predisposes the plant to infection. Provide proper drainage and keep land free from weeds at all times. Collect the diseased material as and when the disease is noticed and burn them

<i>Citrus</i>	Fruiting stage		➤ <i>Timely weeding should be carried out during this season</i>
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<b>Okra</b>	Maturity stage	Yellow vein mosaic	<ul style="list-style-type: none"><li>➤ Remove and burn the infected plants from the field</li><li>➤ Remove the unwanted weed host from the field</li></ul>
		Spotted bollworm	<ul style="list-style-type: none"><li>➤ In the present weather condition, spotted bollworm will be seen. The infested fruits will have a varying number of holes. Remove regularly the attacked fruits and bury deep in the soil.</li></ul>
<b>Cucurbits</b>	Flowering to fruiting stage	Powdery mildew	Remove the infected leaves
		Stink bug	<ul style="list-style-type: none"><li>➤ Maintain proper sanitation as they are mostly found in weedy areas.</li></ul>
			<ul style="list-style-type: none"><li>➤ For trailing, dried twigs can be spread on the ground. Weeding should be done whenever necessary.</li></ul>
<b>Brinjal</b>	Fruiting to maturity stage		<ul style="list-style-type: none"><li>➤ Timely weeding and earthing up should be done.</li></ul>
		Wilt	<ul style="list-style-type: none"><li>➤ Remove and destroy the affected plant</li><li>➤ Proper drainage should be maintained in the field</li></ul>
<b>Naga king chilli</b>	Flowering to fruiting stage	Viral disease	<ul style="list-style-type: none"><li>➤ Timely weeding and earthing up should be done</li><li>➤ Virus infected plants should be removed or uprooted and buried into the soil</li><li>➤ Daily monitoring should be done for insect pest and need based neem oil should be spray</li></ul>
<b>Fruit trees</b>			Maintain proper sanitation in and around the vicinity of the tree Prune trees immediately after harvesting. Grow seasonal crops in inter spaces.
<b>Ginger / turmeric</b>	Vegetative stage	-	Timely earthing up and weeding/hoeing should be done. Mulch the plant with dry leaves and straw
<b>Livestock</b>			
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			
<b>Poultry</b>	<ul style="list-style-type: none"><li>• Trees should be planted near shed to provide shade as well as cool breeze.</li><li>• Prevent water logging near poultry sheds to prevent mosquito breeding.</li><li>• Make sure that the birds stay warm and cool.</li><li>• On very sunny and humid days provide electrolytes to replenish their lost nutrients</li></ul>		
<b>Piggery</b>	<ul style="list-style-type: none"><li>• Occurrence of most of the diseases can be prevented by following strict hygienic measure and by timely vaccination of pigs. A separate house should be there to keep the animals suffering from contagious diseases.</li></ul>		
<b>Fisheries</b>			



Do not let weeds cover more than one quarter of the surface. If there are too many weeds, clean your pond.  
Do not plant big trees near your pond. If there are already big trees there, cut any branches that hang over the pond. Water in your pond may not turn green enough if your pond is in the shade.

### Scientific Expert committee

Sl.no	Name	Designation	Department	
1	Dr.D.J. Rajkhowa	Principle Scientist	Agronomy	<a href="mailto:djrajkhowa@gmail.com">djrajkhowa@gmail.com</a>
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# Integrated Agromet Advisory Service Bulletin from 5<sup>th</sup> to 9<sup>th</sup> August'17

## Kiphire District

Bulletin No:60/2017

### Weather summary of the preceding week

- Moderate 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

### Weather forecast valid upto 9<sup>th</sup> August'17

- Probability of light rain the coming week.
- **Max temp** is likely to be 30°C - 33°C and the **min temp** 24°C to 26°C
- **Sky is likely to be mainly cloudy** the coming week
- **Relative Humidity** is likely to range from 77% to 97%.
- **Wind speed** may reach upto 1- 2 kmph
- **Wind direction** will be mostly southerly

### Field crops

Proper drainage should be maintained in the field.

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>	Transplanting 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>	Maturing stage		<i>Due to continuous rain, the plant may lodge .To save the crop, provide proper drainage in the field and timely earthing up should be done.</i>
<i>Green gram</i>	Maturity stage		<i>Good drainage may be given to manage soil borne root diseases</i>

### Horticultural crop

Water logging in the field should be completely avoided since stagnation of water predisposes the plant to infection. Provide proper drainage and keep land free from weeds at all times. Collect the diseased material as and when the disease is noticed and burn them

<i>Citrus</i>	Fruiting stage		➤ <i>Timely weeding should be carried out during this season</i>
<i>Okra</i>	Maturity stage	Yellow vein mosaic	➤ <i>Remove and burn the infected plants from the field</i> ➤ <i>Remove the unwanted weed host from the field</i>
		Spotted bollworm	➤ <i>In the present weather condition, spotted bollworm will be seen. The infested fruits will have a varying number of holes. Remove regularly the attacked fruits and bury deep in the soil.</i>
<i>Cucurbits</i>	Flowering to fruiting stage	Powdery mildew	<i>Remove the infected leaves</i>

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# Integrated Agromet Advisory Service Bulletin from 5<sup>th</sup> to 9<sup>th</sup> August'17 Kohima District

Bulletin No:60/2017

## 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 9<sup>th</sup> August'17

- Probability of moderate rain the coming week.
- **Max temp** is likely to be 25°C - 26°C and the **min temp** 18°C to 19°C
- **Sky is likely to be partly cloudy** the coming week
- **Relative Humidity** is likely to range from 63% to 96%.
- **Wind speed** may reach upto 1- 2 kmph
- **Wind direction** will be southwesterly

## Field crops

Proper drainage should be maintained in the field.

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>	Transplanting 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>	Maturing stage		<i>Due to continuous rain, the plant may lodge .To save the crop, provide proper drainage in the field and timely earthing up should be done.</i>
<i>Green gram</i>	Maturity stage		<i>Good drainage may be given to manage soil borne root diseases</i>

## Horticultural crop

Water logging in the field should be completely avoided since stagnation of water predisposes the plant to infection. Provide proper drainage and keep land free from weeds at all times. Collect the diseased material as and when the disease is noticed and burn them

<i>Citrus</i>	Fruiting stage		➤ <i>Timely weeding should be carried out during this season</i>
<i>Okra</i>	Maturity stage	Yellow vein mosaic	➤ <i>Remove and burn the infected plants from the field</i> ➤ <i>Remove the unwanted weed host from the field</i>
		Spotted bollworm	➤ <i>In the present weather condition, spotted bollworm will be seen. The infested fruits will have a varying number of holes.</i> ➤ <i>Remove regularly the attacked fruits and bury deep in the soil.</i>

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# Integrated Agromet Advisory Service Bulletin from 5<sup>th</sup> to 9<sup>th</sup> August'17 Longleng District

Bulletin No:60/2017

## Weather summary of the preceding week

- 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

## Weather forecast valid upto 9<sup>th</sup> August'17

- Probability of light rain the coming week.
- **Max temp** is likely to be 28°C - 32°C and the **min temp** 24°C to 26°C
- **Sky is likely to be cloudy** the coming week
- **Relative Humidity** is likely to range from 67% to 95%.
- **Wind speed** may reach upto 2- 5 kmph
- **Wind direction** will be mostly southerly

## Field crops

Proper drainage should be maintained in the field.

Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
<b>Jhum paddy</b>	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>
<b>TRC/WRC paddy</b>	Transplanting 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>
<b>Kharif maize</b>	Maturing stage		<i>Due to continuous rain, the plant may lodge .To save the crop, provide proper drainage in the field and timely earthing up should be done.</i>
<b>Green gram</b>	Maturity stage		<i>Good drainage may be given to manage soil borne root diseases</i>

## Horticultural crop

Water logging in the field should be completely avoided since stagnation of water predisposes the plant to infection. Provide proper drainage and keep land free from weeds at all times. Collect the diseased material as and when the disease is noticed and burn them

<b>Citrus</b>	Fruiting stage		➤ <i>Timely weeding should be carried out during this season</i>
<b>Okra</b>	Maturity stage	Yellow vein mosaic	➤ <i>Remove and burn the infected plants from the field</i> ➤ <i>Remove the unwanted weed host from the field</i>
		Spotted bollworm	➤ <i>In the present weather condition, spotted bollworm will be seen. The infested fruits will have a varying number of holes.</i> ➤ <i>Remove regularly the attacked fruits and bury deep in the soil.</i>
<b>Cucurbits</b>	Flowering to fruiting	Powdery	<i>Remove the infected leaves</i>



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# Integrated Agromet Advisory Service Bulletin from 5<sup>th</sup> to 9<sup>th</sup> August'17 Mokokchung District

Bulletin No:60/2017

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(Indian Council of Agricultural Research)

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Weather summary of the preceding week			Weather forecast valid upto 9 <sup>th</sup> August'17
<ul style="list-style-type: none"> <li>Light rain occurred the past week</li> <li>Maximum and minimum temperatures ranged 30°C to 33°C and 22°C to 24°C, respectively.</li> <li>Relative humidity varied from 61% to 92%.</li> <li>Wind speed ranged from 1 to 2 kmph</li> </ul>			<ul style="list-style-type: none"> <li>Probability of light rain the coming week.</li> <li><b>Max temp</b> is likely to be 29°C - 31°C and the <b>min temp</b> 23°C to 24°C</li> <li><b>Sky is likely to be cloudy</b> the coming week</li> <li><b>Relative Humidity</b> is likely to range from 67% to 93%.</li> <li><b>Wind speed</b> may reach upto 2- 4 kmph</li> <li><b>Wind direction</b> will be southeasterly</li> </ul>
Field crops			
Proper drainage should be maintained in the field.			
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	Transplanting 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.
Kharif maize	Maturing stage		Due to continuous rain, the plant may lodge .To save the crop, provide proper drainage in the field and timely earthing up should be done.
Green gram	Maturity stage		Good drainage may be given to manage soil borne root diseases
Horticultural crop			
Water logging in the field should be completely avoided since stagnation of water predisposes the plant to infection. Provide proper drainage and keep land free from weeds at all times. Collect the diseased material as and when the disease is noticed and burn them			
Citrus	Fruiting stage		➤ Timely weeding should be carried out during this season
Okra	Maturity stage	Yellow vein mosaic	➤ Remove and burn the infected plants from the field ➤ Remove the unwanted weed host from the field
		Spotted bollworm	➤ In the present weather condition, spotted bollworm will be seen. The infested fruits will have a varying number of holes. ➤ Remove regularly the attacked fruits and bury deep in the soil.
Cucurbits	Flowering to fruiting stage	Powdery mildew	Remove the infected leaves

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# Integrated Agromet Advisory Service Bulletin from 5<sup>th</sup> to 9<sup>th</sup> August'17 Mon District

Bulletin No:60/2017

ICAR RESEARCH COMPLEX FOR NEH REGION

Council of Agricultural Research)

<i>Weather summary of the preceding week</i>			<i>Weather forecast valid upto 9<sup>th</sup> August'17</i>
<ul style="list-style-type: none"> <li>Light rain occurred the past week</li> <li>Maximum and minimum temperatures ranged 33°C to 34°C and 23°C to 24°C, respectively.</li> <li>Relative humidity varied from 61% to 94%</li> <li>Wind speed ranged from 1 to 2 kmph</li> </ul>			<ul style="list-style-type: none"> <li>Probability of moderate rain the coming week.</li> <li><b>Max temp</b> is likely to be 31°C - 32°C and the <b>min temp</b> 24°C to 26°C</li> <li><b>Sky is likely to be cloudy</b> the coming week</li> <li><b>Relative Humidity</b> is likely to range from 70% to 96%.</li> <li><b>Wind speed</b> may reach upto 3- 4 kmph</li> <li><b>Wind direction</b> will be mostly southeasterly</li> </ul>
<b>Field crops</b>			
Proper drainage should be maintained in the field.			
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>	Transplanting 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>	Maturing stage		<i>Due to continuous rain, the plant may lodge .To save the crop, provide proper drainage in the field and timely earthing up should be done.</i>
<i>Green gram</i>	Maturity stage		<i>Good drainage may be given to manage soil borne root diseases</i>
<b>Horticultural crop</b>			
Water logging in the field should be completely avoided since stagnation of water predisposes the plant to infection. Provide proper drainage and keep land free from weeds at all times. Collect the diseased material as and when the disease is noticed and burn them			
<i>Citrus</i>	Fruiting stage		➤ <i>Timely weeding should be carried out during this season</i>
<i>Okra</i>	Maturity stage	Yellow vein mosaic	➤ <i>Remove and burn the infected plants from the field</i> ➤ <i>Remove the unwanted weed host from the field</i>
		Spotted bollworm	➤ <i>In the present weather condition, spotted bollworm will be seen. The infested fruits will have a varying number of holes.</i> ➤ <i>Remove regularly the attacked fruits and bury deep in the soil.</i>
<i>Cucurbits</i>	Flowering to	Powdery	<i>Remove the infected leaves</i>

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# Integrated Agromet Advisory Service Bulletin from 5<sup>th</sup> to 9<sup>th</sup> August'17

## Peren District

Bulletin No:60/2017

### Weather summary of the preceding week

- Moderate 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 9<sup>th</sup> August'17

- Probability of light rain the coming week.
- **Max temp** is likely to be 29°C - 33°C and the **min temp** 24°C to 26°C
- **Sky is likely to be cloudy** the coming week
- **Relative Humidity** is likely to range from 63% to 96%.
- **Wind speed** may reach upto 2- 3 kmph
- **Wind direction** will be mostly southerly

### Field crops

Proper drainage should be maintained in the field.

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>	Transplanting 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>	Maturing stage		<i>Due to continuous rain, the plant may lodge .To save the crop, provide proper drainage in the field and timely earthing up should be done.</i>
<i>Green gram</i>	Maturity stage		<i>Good drainage may be given to manage soil borne root diseases</i>

### Horticultural crop

Water logging in the field should be completely avoided since stagnation of water predisposes the plant to infection. Provide proper drainage and keep land free from weeds at all times. Collect the diseased material as and when the disease is noticed and burn them

<i>Citrus</i>	Fruiting stage		➤ <i>Timely weeding should be carried out during this season</i>
<i>Okra</i>	Maturity stage	Yellow vein mosaic	➤ <i>Remove and burn the infected plants from the field</i> ➤ <i>Remove the unwanted weed host from the field</i>
		Spotted bollworm	➤ <i>In the present weather condition, spotted bollworm will be seen. The</i>

### Scientific Expert committee

Sl.no	Name	Designation	Department	
1	Dr.D.J. Rajkhowa	Principle Scientist	Agronomy	<a href="mailto:djrajkhowa@gmail.com">djrajkhowa@gmail.com</a>
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# Integrated Agromet Advisory Service Bulletin from 5<sup>th</sup> to 9<sup>th</sup> August'17 Phek District

Bulletin No:60/2017

## Weather summary of the preceding week

- Moderate rain occurred the past week
- Maximum and minimum temperatures ranged 28°C to 32°C and 20°C to 23°C, respectively.
- Relative humidity varied from 63% to 95%.
- Wind speed ranged from 1 to 2 kmph

## Weather forecast valid upto 9<sup>th</sup> 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 cloudy** the coming week
- **Relative Humidity** is likely to range from 72% to 96%.
- **Wind speed** may reach upto 2- 4 kmph
- **Wind direction** will be mostly southerly

## Field crops

Proper drainage should be maintained in the field.

Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
<b>Jhum paddy</b>	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
<b>TRC/WRC paddy</b>	Transplanting 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.
<b>Kharif maize</b>	Maturing stage		Due to continuous rain, the plant may lodge .To save the crop, provide proper drainage in the field and timely earthing up should be done.
<b>Green gram</b>	Maturity stage		Good drainage may be given to manage soil borne root diseases

## Horticultural crop

Water logging in the field should be completely avoided since stagnation of water predisposes the plant to infection. Provide proper drainage and keep land free from weeds at all times. Collect the diseased material as and when the disease is noticed and burn them

<b>Citrus</b>	Fruiting stage		➤ Timely weeding should be carried out during this season
<b>Okra</b>	Maturity stage	Yellow vein mosaic	➤ Remove and burn the infected plants from the field ➤ Remove the unwanted weed host from the field
		Spotted bollworm	➤ In the present weather condition, spotted bollworm will be seen. The infested fruits will have a varying number of holes. ➤ Remove regularly the attacked fruits and bury deep in the soil.
<b>Cucurbits</b>	Flowering to fruiting stage	Powdery mildew	Remove the infected leaves

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4	Dr. Rajesha G	Scientist	Plant Pathology	<a href="mailto:rajeshag337@gmail.com">rajeshag337@gmail.com</a>
5	Dr. Mahak Singh	Scientist	Animal Reproduction & Gynaecology	<a href="mailto:mahaksinghivri@gmail.com">mahaksinghivri@gmail.com</a>
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# Integrated Agromet Advisory Service Bulletin from 5<sup>th</sup> to 9<sup>th</sup> August'17 Tuensang District

Bulletin No:60/2017

## 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 9<sup>th</sup> August'17

- Probability of light rain the coming week.
- **Max temp** is likely to be 32°C - 33°C and the **min temp** 23°C to 24°C
- **Sky is likely to be cloudy** the coming week
- **Relative Humidity** is likely to range from 78% to 95%.
- **Wind speed** may reach upto 1- 2 kmph
- **Wind direction** will be mostly southerly

## Field crops

Proper drainage should be maintained in the field.

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>	Transplanting 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>	Maturing stage		<i>Due to continuous rain, the plant may lodge .To save the crop, provide proper drainage in the field and timely earthing up should be done.</i>
<i>Green gram</i>	Maturity stage		<i>Good drainage may be given to manage soil borne root diseases</i>

## Horticultural crop

Water logging in the field should be completely avoided since stagnation of water predisposes the plant to infection. Provide proper drainage and keep land free from weeds at all times. Collect the diseased material as and when the disease is noticed and burn them

<i>Citrus</i>	Fruiting stage		➤ <i>Timely weeding should be carried out during this season</i>
<i>Okra</i>	Maturity stage	Yellow vein mosaic	➤ <i>Remove and burn the infected plants from the field</i> ➤ <i>Remove the unwanted weed host from the field</i>
		Spotted bollworm	➤ <i>In the present weather condition, spotted bollworm will be seen. The infested fruits will have a varying number of holes.</i> ➤ <i>Remove regularly the attacked fruits and bury deep in the soil.</i>
<i>Cucurbits</i>	Flowering to fruiting stage	Powdery mildew	<i>Remove the infected leaves</i>

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# Integrated Agromet Advisory Service Bulletin from 5<sup>th</sup> to 9<sup>th</sup> August'17 Wokha District

Bulletin No:60/2017

## 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 9<sup>th</sup> August'17

- 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 mainly cloudy** the coming week
- **Relative Humidity** is likely to range from 64% to 92%.
- **Wind speed** may reach upto 3- 4 kmph
- **Wind direction** will be mostly southeasterly

## Field crops

Proper drainage should be maintained in the field.

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>	Transplanting 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>	Maturing stage		<i>Due to continuous rain, the plant may lodge .To save the crop, provide proper drainage in the field and timely earthing up should be done.</i>
<i>Green gram</i>	Maturity stage		<i>Good drainage may be given to manage soil borne root diseases</i>

## Horticultural crop

Water logging in the field should be completely avoided since stagnation of water predisposes the plant to infection. Provide proper drainage and keep land free from weeds at all times. Collect the diseased material as and when the disease is noticed and burn them

<i>Citrus</i>	Fruiting stage		➤ <i>Timely weeding should be carried out during this season</i>
<i>Okra</i>	Maturity stage	Yellow vein mosaic	➤ <i>Remove and burn the infected plants from the field</i> ➤ <i>Remove the unwanted weed host from the field</i>
		Spotted bollworm	➤ <i>In the present weather condition, spotted bollworm will be seen. The infested fruits will have a varying number of holes. Remove regularly the attacked fruits and bury deep in the soil.</i>

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# Integrated Agromet Advisory Service Bulletin from 5<sup>th</sup> to 9<sup>th</sup> August'17 Zunheboto District

Bulletin No:60/2017

## 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 9<sup>th</sup> August'17

- 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 cloudy** the coming week
- **Relative Humidity** is likely to range from 69% to 95%.
- **Wind speed** may reach upto 2- 4 kmph
- **Wind direction** will be mostly southerly

## Field crops

Proper drainage should be maintained in the field.

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>	Transplanting 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>	Maturing stage		<i>Due to continuous rain, the plant may lodge .To save the crop, provide proper drainage in the field and timely earthing up should be done.</i>
<i>Green gram</i>	Maturity stage		<i>Good drainage may be given to manage soil borne root diseases</i>

## Horticultural crop

Water logging in the field should be completely avoided since stagnation of water predisposes the plant to infection. Provide proper drainage and keep land free from weeds at all times. Collect the diseased material as and when the disease is noticed and burn them

<i>Citrus</i>	Fruiting stage		➤ <i>Timely weeding should be carried out during this season</i>
<i>Okra</i>	Maturity stage	Yellow vein mosaic	➤ <i>Remove and burn the infected plants from the field</i> ➤ <i>Remove the unwanted weed host from the field</i>
		Spotted bollworm	➤ <i>In the present weather condition, spotted bollworm will be seen. The infested fruits will have a varying number of holes.</i>

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