



# Integrated Agromet Advisory Service Bulletin from 20<sup>th</sup> to 24<sup>th</sup> May'17

## Dimapur District

Bulletin No:38/2017

ICAR RESEARCH COMPLEX FOR NEH REGION

### Weather summary of the preceding week

- Light rain occurred the past week
- Maximum and minimum temperatures ranged 26<sup>o</sup>C to 33<sup>o</sup>C and 18<sup>o</sup>C to 22<sup>o</sup>C, respectively.
- Relative humidity varied from 30% to 94%.
- Wind speed ranged from 3 to 4 kmph

### Weather forecast valid upto 24<sup>th</sup> May'17

- Probability of light rain the coming week.
- **Max temp** is likely to be 31<sup>o</sup>C - 33<sup>o</sup>C and the **min temp** 21<sup>o</sup>C to 23<sup>o</sup>C
- **Sky is likely to be mainly cloudy** the coming week
- **Relative Humidity** is likely to range from 32% to 81%.
- **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>	Tillering stage	Blast	<i>If the infection is severe, spray tricyclazole 0.1%</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>Good drainage may be given to manage soil borne root diseases</i>

### Horticultural crop

<i>Mandarin</i>			<i>Maintain proper sanitation in the orchard</i>
<i>Okra</i>	Flowering to fruiting stage	Yellow vein mosaic	<ul style="list-style-type: none"> <li>➤ <i>Remove and burn the infected plants from the field</i></li> <li>➤ <i>Remove the unwanted weed host from the field</i></li> <li>➤ <i>If the infection is severe, spray imidacloprid at 1ml/lit of water</i></li> </ul>
<i>Potato</i>	Harvesting stage		<i>Harvest before temperature reaches 30<sup>o</sup>C to avoid rotting of tuber due to high temperature. Keep the harvested potato in heap for 10-15 days for curing of skin.</i>
		Late blight of potato	<ul style="list-style-type: none"> <li>➤ <i>Provide proper earthing up</i></li> <li>➤ <i>Delayed harvesting may be avoided</i></li> </ul>

		Soft rot of potato	<ul style="list-style-type: none"> <li>➤ Avoid the injury to the tubers during earthing up and harvesting</li> <li>➤ Dig out and burn the affected plant</li> </ul>
<b>Cucurbits</b>	Vegetative stage	Powdery mildew	<i>Remove the infected leaves</i>
<b>Brinjal</b>	Vegetative stage		<i>Timely weeding and intercultural operation should be done.</i>
		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>	Vegetative stage	White flies, aphids, viral disease, leaf curl	<ul style="list-style-type: none"> <li>➤ Spray neem oil to the plants to control white flies infestation and thereby prevent viral disease</li> <li>➤ Uproot the infected plants and bury diseased plants or burn it</li> <li>➤ Pinch the tip of the plants to encourage more lateral shoot development</li> <li>➤ For plants infected with leaf curl, it should be removed from the field immediately</li> </ul>
<b>Fruit trees</b>			<i>Maintain proper sanitation in and around the vicinity of the tree</i>
<b>Ginger / turmeric</b>	Vegetative stage	-	<i>Timely earthing up and weeding should be done. Mulch the plant with dry leaves and straw</i>
<b>Livestock</b>			
<b>Poultry</b>	<ul style="list-style-type: none"> <li>➤ Provide fan in the adult poultry house</li> <li>➤ Protect the birds from rain</li> <li>➤ Keep the litter material dry</li> <li>➤ Give electrolyte in drinking water to birds of 1-6 weeks.</li> </ul>		
<b>Piggery</b>	<ul style="list-style-type: none"> <li>➤ Vaccinate against swine fever</li> <li>➤ Maintain hygiene in pig house to protect from diarrhea</li> <li>➤ Deworm the animal at 3 month interval</li> <li>➤ Do AI, if animal comes into heat</li> </ul>		
<b>Fisheries</b>			



- Apply lime as per recommended dose depending on the pH
- After 15 days of lime application, apply cow dung and wait till the pond water turns green.
- Put some aquatic plant in one corner of the pond for sheltering stocked fish during high temperature

### 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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8	Aabon W Yanthan	Scientist	Vegetable Science	<a href="mailto:aabon.iari@gmail.com">aabon.iari@gmail.com</a>





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(Indian Council of Agricultural Research)

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# Integrated Agromet Advisory Service Bulletin from 20<sup>th</sup> to 24<sup>th</sup> May'17 Kiphire District

Bulletin No:38/2017

<i>Weather summary of the preceding week</i>			<i>Weather forecast valid upto 24<sup>th</sup> May'17</i>
<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 20°C to 23°C, respectively.</li> <li>▪ Relative humidity varied from 36% to 95%.</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 32°C - 35°C and the <b>min temp</b> 21°C to 22°C</li> <li>▪ <b>Sky is likely to be mainly cloudy</b> the coming week</li> <li>▪ <b>Relative Humidity</b> is likely to range from 39% to 89%.</li> <li>▪ <b>Wind speed</b> may reach upto 1- 2 kmph</li> <li>▪ <b>Wind direction</b> will be mostly southwesterly</li> </ul>
<i>Field crops</i>			
<b>Main Crops</b>	<b>Stage</b>	<b>Pest/ Diseases</b>	<b>Agro-meteorological Advisories</b>
<i>Jhum paddy</i>	Vegetative stage	Leaf folder	<i>To prevent the development of leaf folder, remove grass weeds from in and around the paddy fields.</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>Proper monitoring should be done for any pest and diseases</i>
<i>Horticultural crop</i>			
<i>Mandarin</i>		<i>Leaf miner</i>	<i>Observe the upward curling of leaf margin and presence of mined leaves (10 % affected leaves). Foliar spray of neem oil 5 ml/l of water by directing at the new flush</i>
<i>Okra</i>	Flowering stage		<i>As there will be rain the coming days, proper drainage should be maintained in the field.</i>
<i>Potato</i>	Harvesting stage		<ul style="list-style-type: none"> <li>• <i>Harvesting of potato should be postponed due to probability of rain</i></li> </ul>
			•
			•
<i>Cucurbits</i>	Vegetative stage		<ul style="list-style-type: none"> <li>• <i>Spray <u>ethrel (plant growth regulator)</u> @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.</i></li> </ul>
<i>Brinjal</i>	Vegetative stage		<ul style="list-style-type: none"> <li>• <i>Frequent shallow cultivation should be done at regular intervals so as to keep the field free from weeds and to facilitate soil aeration and proper root development.</i></li> </ul>

## Scientific Expert committee

<b>Sl.no</b>	<b>Name</b>	<b>Designation</b>	<b>Department</b>	
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 20<sup>th</sup> to 24<sup>th</sup> May'17 Kohima District

Bulletin No:38/2017

ICAR RESEARCH COMPLEX FOR NEH REGION

(Indian Council of Agricultural Research)

## Weather summary of the preceding week

- Light rain occurred the past week
- Maximum and minimum temperatures ranged 27 °C to 31°C and 15°C to 22°C, respectively.
- Relative humidity varied from 31% to 92%.
- Wind speed ranged from 1 to 2 kmph

## Weather forecast valid upto 24<sup>th</sup> May'17

- Probability of moderate rain the coming week.
- **Max temp** is likely to be 24°C - 25°C and the **min temp** 15°C to 16°C
- **Sky is likely to be mainly cloudy** the coming week
- **Relative Humidity** is likely to range from 37% to 90%.
- **Wind speed** may reach upto 1- 2 kmph
- **Wind direction** will be southwesterly

## Field crops

Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
<i>Jhum paddy</i>	Vegetative stage	Leaf folder	<i>To prevent the development of leaf folder, remove grass weeds from in and around the paddy fields.</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>Proper monitoring should be done for any pest and diseases</i>

## Horticultural crop

<i>Mandarin</i>		<i>Leaf miner</i>	<i>Observe the upward curling of leaf margin and presence of mined leaves (10 % affected leaves). Foliar spray of neem oil 5 ml/l of water by directing at the new flush</i>
<i>Okra</i>	Flowering stage		<i>As there will be rain the coming days, proper drainage should be maintained in the field.</i>
<i>Potato</i>	Harvesting stage		• <i>Harvesting of potato should be postponed due to probability of rain</i>
			•
			•
<i>Cucurbits</i>	Vegetative stage		• <i>Spray <u>ethrel (plant growth regulator)</u> @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.</i>

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# Integrated Agromet Advisory Service Bulletin from 20<sup>th</sup> to 24<sup>th</sup> May'17 Longleng District

Bulletin No:38/2017

<i>Weather summary of the preceding week</i>		<i>Weather forecast valid upto 24<sup>th</sup> May'17</i>	
<ul style="list-style-type: none"> <li>▪ Light rain occurred the past week</li> <li>▪ Maximum and minimum temperatures ranged 30<sup>o</sup>C to 33<sup>o</sup>C and 22<sup>o</sup>C to 23<sup>o</sup>C, respectively.</li> <li>▪ Relative humidity varied from 35% 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 31<sup>o</sup>C - 32<sup>o</sup>C and the <b>min temp</b> 22<sup>o</sup>C to 24<sup>o</sup>C</li> <li>▪ <b>Sky is likely to be mainly cloudy</b> the coming week</li> <li>▪ <b>Relative Humidity</b> is likely to range from 41% to 89%.</li> <li>▪ <b>Wind speed</b> may reach upto 1- 2 kmph</li> <li>▪ <b>Wind direction</b> will be mostly southeasterly</li> </ul>	
<b>Field crops</b>			
<b>Main Crops</b>	<b>Stage</b>	<b>Pest/ Diseases</b>	<b>Agro-meteorological Advisories</b>
<i>Jhum paddy</i>	Vegetative stage	Leaf folder	<i>To prevent the development of leaf folder, remove grass weeds from in and around the paddy fields.</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>Proper monitoring should be done for any pest and diseases</i>
<b>Horticultural crop</b>			
<i>Mandarin</i>		<i>Leaf miner</i>	<i>Observe the upward curling of leaf margin and presence of mined leaves (10 % affected leaves). Foliar spray of neem oil 5 ml/l of water by directing at the new flush</i>
<i>Okra</i>	Flowering stage		<i>As there will be rain the coming days, proper drainage should be maintained in the field.</i>
<i>Potato</i>	Harvesting stage		• <i>Harvesting of potato should be postponed due to probability of rain</i>
			•
			•
<i>Cucurbits</i>	Vegetative stage		• <i>Spray <u>ethrel ( plant growth regulator) @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.</u></i>
<i>Brinjal</i>	Vegetative stage		• <i>Frequent shallow cultivation should be done at regular intervals so as</i>

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# Integrated Agromet Advisory Service Bulletin from 20<sup>th</sup> to 24<sup>th</sup> May'17 Mokokchung District

Bulletin No:38/2017

ICAR RESEARCH COMPLEX FOR NEH REGION

(Indian Council of Agricultural Research)

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<ul style="list-style-type: none"> <li>▪ Light rain occurred the past week</li> <li>▪ Maximum and minimum temperatures ranged 31°C to 32°C and 21°C to 23°C, respectively.</li> <li>▪ Relative humidity varied from 34% to 90%.</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 31°C - 32°C and the <b>min temp</b> 22°C to 23°C</li> <li>▪ <b>Sky is likely to be mainly cloudy</b> the coming week</li> <li>▪ <b>Relative Humidity</b> is likely to range from 39% to 88%.</li> <li>▪ <b>Wind speed</b> may reach upto 1- 2 kmph</li> <li>▪ <b>Wind direction</b> will be southeasterly</li> </ul>
<i>Field crops</i>			
<b>Main Crops</b>	<b>Stage</b>	<b>Pest/ Diseases</b>	<b>Agro-meteorological Advisories</b>
<i>Jhum paddy</i>	Tillering stage	Blast	<i>If the infection is severe, spray tricyclazole 0.1%</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>Good drainage may be given to manage soil borne root diseases</i>
<i>Horticultural crop</i>			
<i>Mandarin</i>			<i>Maintain proper sanitation in the orchard</i>
<i>Okra</i>	Flowering to fruiting 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> <li>➤ If the infection is severe, spray imidacloprid at 1ml/lit of water</li> </ul>
<i>Potato</i>	Harvesting stage		<i>Harvest before temperature reaches 30°C to avoid rotting of tuber due to high temperature. Keep the harvested potato in heap for 10-15 days for curing of skin.</i>
		Late blight of potato	<ul style="list-style-type: none"> <li>➤ Provide proper earthing up</li> <li>• Delayed harvesting may be avoided</li> </ul>
		Soft rot of potato	<ul style="list-style-type: none"> <li>➤ Avoid the injury to the tubers during earthing up and harvesting</li> <li>• Dig out and burn the affected plant</li> </ul>
<i>Cucurbits</i>	Vegetative stage	Powdery mildew	<i>Remove the infected leaves</i>

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<i>Okra</i>	Flowering to fruiting 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> <li>➤ If the infection is severe, spray imidacloprid at 1ml/lit of water</li> </ul>
<i>Potato</i>	Harvesting stage	Late blight of potato	<ul style="list-style-type: none"> <li>➤ Provide proper earthing up</li> <li>• Delayed harvesting may be avoided</li> </ul>
		Soft rot of potato	<ul style="list-style-type: none"> <li>➤ Avoid the injury to the tubers during earthing up and harvesting</li> <li>• Dig out and burn the affected plant</li> </ul>
<i>Cucurbits</i>	Vegetative stage	Powdery mildew	<i>Remove the infected leaves</i>
<i>Brinjal</i>	Vegetative stage		<i>Timely weeding and intercultural operation should be done.</i>

### Scientific Expert committee

<b>Sl.no</b>	<b>Name</b>	<b>Designation</b>	<b>Department</b>	
1	Dr.D.J. Rajkhowa	Principle Scientist	Agronomy	<a href="mailto:djrajkhowa@gmail.com">djrajkhowa@gmail.com</a>
2	Dr. L.K. Baishya	Senior Scientist	Agronomy	<a href="mailto:lkbicar@gmail.com">lkbicar@gmail.com</a>
3	Ph. Romen Sharma	Scientist	Agricultural Extension	<a href="mailto:romen.agext@gmail.com">romen.agext@gmail.com</a>
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>
6	Dr. Azeze Seyie	Scientist	Spices, Plantation & Medicinal & Aromatic Plants	<a href="mailto:azezeseyie@yahoo.com">azezeseyie@yahoo.com</a>
7	Jyotish Barman	Scientist	Fisheries Resource Management	<a href="mailto:iyotish5@gmail.com">iyotish5@gmail.com</a>
8	Aabon W Yanthan	Scientist	Vegetable Science	<a href="mailto:aabon.iari@gmail.com">aabon.iari@gmail.com</a>



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(Indian Council of Agricultural Research)

# Integrated Agromet Advisory Service Bulletin from 20<sup>th</sup> to 24<sup>th</sup> May'17

## Peren District

Bulletin No:38/2017

<i>Weather summary of the preceding week</i>		<i>Weather forecast valid upto 24<sup>th</sup> May'17</i>	
<ul style="list-style-type: none"> <li>Light rain occurred the past week</li> <li>Maximum and minimum temperatures ranged 29°C to 34°C and 21°C to 22°C, respectively.</li> <li>Relative humidity varied from 33% 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 31°C - 32°C and the <b>min temp</b> 21°C to 23°C</li> <li><b>Sky is likely to be mainly cloudy</b> the coming week</li> <li><b>Relative Humidity</b> is likely to range from 37% to 90%.</li> <li><b>Wind speed</b> may reach upto 1- 2 kmph</li> <li><b>Wind direction</b> will be mostly southerly</li> </ul>	
<i>Field crops</i>			
<b>Main Crops</b>	<b>Stage</b>	<b>Pest/ Diseases</b>	<b>Agro-meteorological Advisories</b>
<i>Jhum paddy</i>	Vegetative stage	Leaf folder	<i>To prevent the development of leaf folder, remove grass weeds from in and around the paddy fields.</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>Proper monitoring should be done for any pest and diseases</i>
<i>Horticultural crop</i>			
<i>Mandarin</i>		<i>Leaf miner</i>	<i>Observe the upward curling of leaf margin and presence of mined leaves (10 % affected leaves). Foliar spray of neem oil 5 ml/l of water by directing at the new flush</i>
<i>Okra</i>	Flowering stage		<i>As there will be rain the coming days, proper drainage should be maintained in the field.</i>
<i>Potato</i>	Harvesting stage		<ul style="list-style-type: none"> <li><i>Harvesting of potato should be postponed due to probability of rain</i></li> </ul>
			<ul style="list-style-type: none"> <li></li> </ul>
			<ul style="list-style-type: none"> <li></li> </ul>
<i>Cucurbits</i>	Vegetative stage		<ul style="list-style-type: none"> <li><i>Spray <a href="#">ethrel ( plant growth regulator) @0.2 ml in 1 lt of water at 2 true leaf stage</a> and second spray at 4 true leaf stage to increase the number of</i></li> </ul>

## Scientific Expert committee

<b>Sl.no</b>	<b>Name</b>	<b>Designation</b>	<b>Department</b>	
1	Dr.D.J. Rajkhowa	Principle Scientist	Agronomy	<a href="mailto:djrajkhowa@gmail.com">djrajkhowa@gmail.com</a>
2	Dr. L.K. Baishya	Senior Scientist	Agronomy	<a href="mailto:lkbicar@gmail.com">lkbicar@gmail.com</a>
3	Ph. Romen Sharma	Scientist	Agricultural Extension	<a href="mailto:romen.agext@gmail.com">romen.agext@gmail.com</a>
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>
6	Dr. Azeze Seyie	Scientist	Spices, Plantation & Medicinal & Aromatic Plants	<a href="mailto:azezeseyie@yahoo.com">azezeseyie@yahoo.com</a>
7	Jyotish Barman	Scientist	Fisheries Resource Management	<a href="mailto:jyotish5@gmail.com">jyotish5@gmail.com</a>
8	Aabon W Yanthan	Scientist	Vegetable Science	<a href="mailto:aabon.iari@gmail.com">aabon.iari@gmail.com</a>

# Integrated Agromet Advisory Service Bulletin from 20<sup>th</sup> to 24<sup>th</sup> May'17

## Phek District



**Bulletin No:38/2017**

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 24<sup>th</sup> May'17</i>
<ul style="list-style-type: none"> <li>▪ Light rain occurred the past week</li> <li>▪ Maximum and minimum temperatures ranged 30°C to 32°C and 21°C to 23°C, respectively.</li> <li>▪ Relative humidity varied from 34% to 95%.</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 32°C - 35°C and the <b>min temp</b> 22°C to 23°C</li> <li>▪ <b>Sky is likely to be mainly cloudy</b> the coming week</li> <li>▪ <b>Relative Humidity</b> is likely to range from 36% to 86%.</li> <li>▪ <b>Wind speed</b> may reach upto 1- 2 kmph</li> <li>▪ <b>Wind direction</b> will be mostly southerly</li> </ul>
<i>Field crops</i>			
Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
<i>Jhum paddy</i>	Vegetative stage	Leaf folder	<i>To prevent the development of leaf folder, remove grass weeds from in and around the paddy fields.</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>Proper monitoring should be done for any pest and diseases</i>
<i>Horticultural crop</i>			
<i>Mandarin</i>		<i>Leaf miner</i>	<i>Observe the upward curling of leaf margin and presence of mined leaves (10 % affected leaves). Foliar spray of neem oil 5 ml/l of water by directing at the new flush</i>
<i>Okra</i>	Flowering stage		<i>As there will be rain the coming days, proper drainage should be maintained in the field.</i>
<i>Potato</i>	Harvesting stage		<ul style="list-style-type: none"> <li>• <i>Harvesting of potato should be postponed due to probability of rain</i></li> </ul>
			•
			•
<i>Cucurbits</i>	Vegetative stage		<ul style="list-style-type: none"> <li>• <i>Spray <u>ethrel ( plant growth regulator) @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.</u></i></li> </ul>
<i>Brinjal</i>	Vegetative stage		<ul style="list-style-type: none"> <li>• <i>Frequent shallow cultivation should be done at regular intervals so as to keep the</i></li> </ul>

## Scientific Expert committee

Sl.no	Name	Designation	Department	
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6	Dr. Azeze Seyie	Scientist	Spices, Plantation & Medicinal & Aromatic Plants	<a href="mailto:azezeseyie@yahoo.com">azezeseyie@yahoo.com</a>
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8	Aabon W Yanthan	Scientist	Vegetable Science	<a href="mailto:aabon.iari@gmail.com">aabon.iari@gmail.com</a>



भा क अनुप - पु प सं  
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# Integrated Agromet Advisory Service Bulletin from 20<sup>th</sup> to 24<sup>th</sup> May'17 Tuensang District

Bulletin No:38/2017

## Weather summary of the preceding week

- Light rain occurred the past week
- Maximum and minimum temperatures ranged 30°C to 32°C and 20°C to 23°C, respectively.
- Relative humidity varied from 37% to 95%.
- Wind speed ranged from 1 to 2 kmph

## Weather forecast valid upto 24<sup>th</sup> May'17

- Probability of light rain the coming week.
- **Max temp** is likely to be 32°C - 34°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 41% to 91%.
- **Wind speed** may reach upto 1 - 2 kmph
- **Wind direction** will be mostly southwesterly

## Field crops

Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
<i>Jhum paddy</i>	Tillering stage	Blast	<i>If the infection is severe, spray tricyclazole 0.1%</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>Good drainage may be given to manage soil borne root diseases</i>

## Horticultural crop

<i>Mandarin</i>			<i>Maintain proper sanitation in the orchard</i>
<i>Okra</i>	Flowering to fruiting stage	Yellow vein mosaic	<ul style="list-style-type: none"> <li>➤ <i>Remove and burn the infected plants from the field</i></li> <li>➤ <i>Remove the unwanted weed host from the field</i></li> <li>➤ <i>If the infection is severe, spray imidacloprid at 1ml/lit of water</i></li> </ul>
<i>Potato</i>	Harvesting stage		<i>Harvest before temperature reaches 30°C to avoid rotting of tuber due to high temperature. Keep the harvested potato in heap for 10-15 days for curing of skin.</i>
		Late blight of potato	<ul style="list-style-type: none"> <li>➤ <i>Provide proper earthing up</i></li> <li>• <i>Delayed harvesting may be avoided</i></li> </ul>
		Soft rot of potato	<ul style="list-style-type: none"> <li>➤ <i>Avoid the injury to the tubers during earthing up and harvesting</i></li> <li>• <i>Dig out and burn the affected plant</i></li> </ul>
<i>Cucurbits</i>	Vegetative stage	Powdery mildew	<i>Remove the infected leaves</i>

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ICAR RESEARCH COMPLEX FOR NEH REGION

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# Integrated Agromet Advisory Service Bulletin from 20<sup>th</sup> to 24<sup>th</sup> May'17

## Wokha District

**Bulletin No:38/2017**

### *Weather summary of the preceding week*

- Light rain occurred the past week
- Maximum and minimum temperatures ranged 29°C to 32°C and 21°C to 23°C, respectively.
- Relative humidity varied from 31% to 93%.
- Wind speed ranged from 2 to 4 kmph

### *Weather forecast valid upto 24<sup>th</sup> May'17*

- Probability of light rain the coming week.
- **Max temp** is likely to be 31°C - 34°C and the **min temp** 21°C to 23°C
- **Sky is likely to be mainly cloudy** the coming week
- **Relative Humidity** is likely to range from 35% to 83%.
- **Wind speed** may reach upto 1- 2 kmph
- **Wind direction** will be mostly southeasterly

### *Field crops*

Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
<i>Jhum paddy</i>	Vegetative stage	Leaf folder	<i>To prevent the development of leaf folder, remove grass weeds from in and around the paddy fields.</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>Proper monitoring should be done for any pest and diseases</i>

### *Horticultural crop*

<i>Mandarin</i>		<i>Leaf miner</i>	<i>Observe the upward curling of leaf margin and presence of mined leaves (10 % affected leaves). Foliar spray of neem oil 5 ml/l of water by directing at the new flush</i>
<i>Okra</i>	Flowering stage		<i>As there will be rain the coming days, proper drainage should be maintained in the field.</i>
<i>Potato</i>	Harvesting stage		• <i>Harvesting of potato should be postponed due to probability of rain</i>
			•
			•
<i>Cucurbits</i>	Vegetative stage		• <i>Spray <a href="#">ethrel ( plant growth regulator) @0.2 ml in 1 lt of water at 2 true leaf stage</a> and second spray at 4 true leaf stage to increase the number of fruits.</i>
<i>Brinjal</i>	Vegetative stage		• <i>Frequent shallow cultivation should be done at regular intervals so as</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 20<sup>th</sup> to 24<sup>th</sup> May'17 Zunheboto District

Bulletin No:38/2017

### Weather summary of the preceding week

- Light rain occurred the past week
- Maximum and minimum temperatures ranged 30°C to 33°C and 21°C to 23°C, respectively.
- Relative humidity varied from 34% to 95%.
- Wind speed ranged from 1 to 2 kmph

### Weather forecast valid upto 24<sup>th</sup> May'17

- Probability of light rain the coming week.
- **Max temp** is likely to be 32°C - 34°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 38% to 87%.
- **Wind speed** may reach upto 1- 2 kmph
- **Wind direction** will be mostly southerly

### Field crops

Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
<i>Jhum paddy</i>	Vegetative stage	Leaf folder	<i>To prevent the development of leaf folder, remove grass weeds from in and around the paddy fields.</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>Proper monitoring should be done for any pest and diseases</i>

### Horticultural crop

<i>Mandarin</i>		<i>Leaf miner</i>	<i>Observe the upward curling of leaf margin and presence of mined leaves (10 % affected leaves). Foliar spray of neem oil 5 ml/l of water by directing at the new flush</i>
<i>Okra</i>	Flowering stage		<i>As there will be rain the coming days, proper drainage should be maintained in the field.</i>
<i>Potato</i>	Harvesting stage		<ul style="list-style-type: none"> <li>• <i>Harvesting of potato should be postponed due to probability of rain</i></li> </ul>
			<ul style="list-style-type: none"> <li>•</li> </ul>
			<ul style="list-style-type: none"> <li>•</li> </ul>
<i>Cucurbits</i>	Vegetative stage		<ul style="list-style-type: none"> <li>• <i>Spray <u>ethrel ( plant growth regulator) @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.</u></i></li> </ul>
<i>Brinjal</i>	Vegetative stage		<ul style="list-style-type: none"> <li>• <i>Frequent shallow cultivation should be done at regular intervals so as to</i></li> </ul>

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7	Jyotish Barman	Scientist	Fisheries Resource Management	<a href="mailto:jyotish5@gmail.com">jyotish5@gmail.com</a>
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