



## Integrated Agromet Advisory Service Bulletin from 27<sup>th</sup> to 31<sup>st</sup> May'17 Kohima District

Bulletin No:40/2017

<i>Weather summary of the preceding week</i>		<i>Weather forecast valid upto 31<sup>st</sup> May'17</i>	
<ul style="list-style-type: none"> <li>▪ Light rain occurred the past week</li> <li>▪ Maximum and minimum temperatures ranged 27<sup>o</sup>C to 31<sup>o</sup>C and 15<sup>o</sup>C to 22<sup>o</sup>C, respectively.</li> <li>▪ Relative humidity varied from 31% 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 26<sup>o</sup>C - 27<sup>o</sup>C and the <b>min temp</b> 16<sup>o</sup>C to 17<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 34% to 97%.</li> <li>▪ <b>Wind speed</b> may reach upto 1- 2 kmph</li> <li>▪ <b>Wind direction</b> will be southwesterly</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>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> </ul> <i>Proper drainage should be maintained in the field</i>
<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>			
	<ul style="list-style-type: none"> <li>➤ Apply lime as per recommended dose depending on the pH</li> <li>➤ After 15 days of lime application, apply cow dung and wait till the pond water turns green.</li> <li>➤ Put some aquatic plant in one corner of the pond for sheltering stocked fish during high temperature.</li> </ul>		

## SCIENTIFIC EXPERT COMMITTEE

Sl.no	Name	Designation	Department	
1	Dr.D.J. Rajkhowa	Principle Scientist	Agronomy	djrajkhowa@gmail.com
2	Dr. L.K. Baishya	Senior Scientist	Agronomy	lkbicar@gmail.com
3	Ph. Romen Sharma	Scientist	Agricultural Extension	romen.agext@gmail.com
4	Dr. Rajesha G	Scientist	Plant Pathology	rajeshag337@gmail.com
5	Dr. Mahak Singh	Scientist	Animal Reproduction & Gynaecology	mahaksinghivri@gmail.com
6	Dr. Azeze Seyie	Scientist	Spices, Plantation & Medicinal & Aromatic Plants	azezeseyie@yahoo.com
7	Jyotish Barman	Scientist	Fisheries Resource Management	jyotish5@gmail.com
8	Aabon W Yanthan	Scientist	Vegetable Science	aabon.iari@gmail.com



# Integrated Agromet Advisory Service Bulletin from 27<sup>th</sup> to 31<sup>st</sup> May'17

## Longleng District

Bulletin No:40/2017

### Weather summary of the preceding week

- Light rain occurred the past week
- 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.
- Relative humidity varied from 35% to 92%.
- Wind speed ranged from 1 to 2 kmph

### Weather forecast valid upto 31<sup>st</sup> May'17

- Probability of light rain the coming week.
- **Max temp** is likely to be 29<sup>o</sup>C - 31<sup>o</sup>C and the **min temp** 23<sup>o</sup>C to 25<sup>o</sup>C
- **Sky is likely to be mainly cloudy** the coming week
- **Relative Humidity** is likely to range from 39% to 89%.
- **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>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		➤ <i>Avoid the injury to the tubers during earthing up and harvesting</i>

		potato	➤ Dig out and burn the affected plant
<b>Cucurbits</b>	Vegetative stage	Powdery mildew	Remove the infected leaves
<b>Brinjal</b>	Vegetative stage		Timely weeding and intercultural operation should be done.
		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>			Maintain proper sanitation in and around the vicinity of the tree
<b>Ginger / turmeric</b>	Vegetative stage	-	Timely earthing up and weeding should be done. Mulch the plant with dry leaves and straw
<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>			
	<ul style="list-style-type: none"> <li>➤ Apply lime as per recommended dose depending on the pH</li> <li>➤ After 15 days of lime application, apply cow dung and wait till the pond water turns green.</li> <li>➤ Put some aquatic plant in one corner of the pond for sheltering stocked fish during high temperature.</li> </ul>		

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# Integrated Agromet Advisory Service Bulletin from 27<sup>th</sup> to 31<sup>st</sup> May'17

## Mokokchung District

Bulletin No:40/2017

### *Weather summary of the preceding week*

- Light rain occurred the past week
- Maximum and minimum temperatures ranged 31<sup>o</sup>C to 32<sup>o</sup>C and 21<sup>o</sup>C to 23<sup>o</sup>C, respectively.
- Relative humidity varied from 34% to 90%.
- Wind speed ranged from 1 to 2 kmph

### *Weather forecast valid upto 31<sup>st</sup> May'17*

- Probability of light rain the coming week.
- **Max temp** is likely to be 29<sup>o</sup>C - 31<sup>o</sup>C and the **min temp** 23<sup>o</sup>C to 24<sup>o</sup>C
- **Sky is likely to be mainly cloudy** the coming week
- **Relative Humidity** is likely to range from 39% to 90%.
- **Wind speed** may reach upto 1- 2 kmph
- **Wind direction** will be 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	<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>

		potato	
<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>➤ <i>Remove and destroy the affected plant</i></li> <li>➤ <i>Proper drainage should be maintained in the field</i></li> </ul>
<b>Naga king chilli</b>	Vegetative stage	White flies, aphids, viral disease, leaf curl	<ul style="list-style-type: none"> <li>➤ <i>Spray neem oil to the plants to control white flies infestation and thereby prevent viral disease</i></li> <li>➤ <i>Uproot the infected plants and bury diseased plants or burn it</i></li> <li>➤ <i>Pinch the tip of the plants to encourage more lateral shoot development</i></li> <li>➤ <i>For plants infected with leaf curl, it should be removed from the field immediately</i></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>			
	<ul style="list-style-type: none"> <li>➤ Apply lime as per recommended dose depending on the pH</li> <li>➤ After 15 days of lime application, apply cow dung and wait till the pond water turns green.</li> <li>➤ Put some aquatic plant in one corner of the pond for sheltering stocked fish during high temperature.</li> </ul>		



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## Integrated Agromet Advisory Service Bulletin from 27<sup>th</sup> to 31<sup>st</sup> May'17 Mon District

Bulletin No:40/2017

<i>Weather summary of the preceding week</i>			<i>Weather forecast valid upto 31<sup>st</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 20<sup>o</sup>C to 22<sup>o</sup>C, respectively.</li> <li>▪ Relative humidity varied from 36% 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<sup>o</sup>C - 31<sup>o</sup>C and the <b>min temp</b> 23<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 38% to 90%.</li> <li>▪ <b>Wind speed</b> may reach upto 1- 2 kmph</li> <li>▪ <b>Wind direction</b> will be mostly southeasterly</li> </ul>
<i>Field crops</i>			
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>
<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>➤ <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>➤ <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>

<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>➤ <i>Remove and destroy the affected plant</i></li> <li>➤ <i>Proper drainage should be maintained in the field</i></li> </ul>
<b>Naga king chilli</b>	Vegetative stage	White flies, aphids, viral disease, leaf curl	<ul style="list-style-type: none"> <li>➤ <i>Spray neem oil to the plants to control white flies infestation and thereby prevent viral disease</i></li> <li>➤ <i>Uproot the infected plants and bury diseased plants or burn it</i></li> <li>➤ <i>Pinch the tip of the plants to encourage more lateral shoot development</i></li> <li>➤ <i>For plants infected with leaf curl, it should be removed from the field immediately</i></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>		
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# Integrated Agromet Advisory Service Bulletin from 27<sup>th</sup> to 31<sup>st</sup> May'17

## Peren District

Bulletin No:40/2017

### *Weather summary of the preceding week*

- Light rain occurred the past week
- Maximum and minimum temperatures ranged 29<sup>o</sup>C to 34<sup>o</sup>C and 21<sup>o</sup>C to 22<sup>o</sup>C, respectively.
- Relative humidity varied from 33% to 92%.
- Wind speed ranged from 1 to 2 kmph

### *Weather forecast valid upto 31<sup>st</sup> May'17*

- Probability of light rain the coming week.
- **Max temp** is likely to be 31<sup>o</sup>C - 34<sup>o</sup>C and the **min temp** 22<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 35% to 95%.
- **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>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>
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		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>				
		<ul style="list-style-type: none"> <li>➤ Apply lime as per recommended dose depending on the pH</li> <li>➤ After 15 days of lime application, apply cow dung and wait till the pond water turns green.</li> <li>➤ Put some aquatic plant in one corner of the pond for sheltering stocked fish during high temperature.</li> </ul>		



## SCIENTIFIC EXPERT COMMITTEE

Sl.no	Name	Designation	Department	
1	Dr.D.J. Rajkhowa	Principle Scientist	Agronomy	djrakhowa@gmail.com
2	Dr. L.K. Baishya	Senior Scientist	Agronomy	lkbicar@gmail.com
3	Ph. Romen Sharma	Scientist	Agricultural Extension	romen.agext@gmail.com
4	Dr. Rajesha G	Scientist	Plant Pathology	rajeshag337@gmail.com
5	Dr. Mahak Singh	Scientist	Animal Reproduction & Gynaecology	mahaksinghivri@gmail.com
6	Dr. Azeze Seyie	Scientist	Spices, Plantation & Medicinal & Aromatic Plants	azezeseyie@yahoo.com
7	Jyotish Barman	Scientist	Fisheries Resource Management	jyotish5@gmail.com
8	Aabon W Yanthan	Scientist	Vegetable Science	aabon.iari@gmail.com



## Integrated Agromet Advisory Service Bulletin from 27<sup>th</sup> to 31<sup>st</sup> May'17 Phek District

Bulletin No:40/2017

<i>Weather summary of the preceding week</i>			<i>Weather forecast valid upto 31<sup>st</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>0</sup>C to 32<sup>0</sup>C and 21<sup>0</sup>C to 23<sup>0</sup>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 30<sup>0</sup>C - 33<sup>0</sup>C and the <b>min temp</b> 22<sup>0</sup>C to 24<sup>0</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 37% to 95%.</li> <li>▪ <b>Wind speed</b> may reach upto 1- 2 kmph</li> <li>▪ <b>Wind direction</b> will be mostly southeasterly</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>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>0</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	➤ <i>Provide proper earthing up</i>

		of potato	➤ <i>Delayed harvesting may be avoided</i>
		Soft rot of potato	➤ <i>Avoid the injury to the tubers during earthing up and harvesting</i> ➤ <i>Dig out and burn the affected plant</i>
<b><i>Cucurbits</i></b>	Vegetative stage	Powdery mildew	<i>Remove the infected leaves</i>
<b><i>Brinjal</i></b>	Vegetative stage		<i>Timely weeding and intercultural operation should be done.</i>
		Wilt	➤ <i>Remove and destroy the affected plant</i> ➤ <i>Proper drainage should be maintained in the field</i>
<b><i>Naga king chilli</i></b>	Vegetative stage	White flies, aphids, viral disease, leaf curl	➤ <i>Spray neem oil to the plants to control white flies infestation and thereby prevent viral disease</i> ➤ <i>Uproot the infected plants and bury diseased plants or burn it</i> ➤ <i>Pinch the tip of the plants to encourage more lateral shoot development</i> ➤ <i>For plants infected with leaf curl, it should be removed from the field immediately</i>
<b><i>Fruit trees</i></b>			<i>Maintain proper sanitation in and around the vicinity of the tree</i>
<b><i>Ginger / turmeric</i></b>	Vegetative stage	-	<i>Timely earthing up and weeding should be done. Mulch the plant with dry leaves and straw</i>
<b><i>Livestock</i></b>			
<b><i>Poultry</i></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><i>Piggery</i></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><i>Fisheries</i></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.

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



# Integrated Agromet Advisory Service Bulletin from 27<sup>th</sup> to 31<sup>st</sup> May'17

## Tuensang District

Bulletin No:40/2017

### *Weather summary of the preceding week*

- Light rain occurred the past week
- Maximum and minimum temperatures ranged 30<sup>0</sup>C to 32<sup>0</sup>C and 20<sup>0</sup>C to 23<sup>0</sup>C, respectively.
- Relative humidity varied from 37% to 95%.
- Wind speed ranged from 1 to 2 kmph

### *Weather forecast valid upto 31<sup>st</sup> May'17*

- Probability of light rain the coming week.
- **Max temp** is likely to be 28<sup>0</sup>C - 32<sup>0</sup>C and the **min temp** 23<sup>0</sup>C to 24<sup>0</sup>C
- **Sky is likely to be mainly cloudy** the coming week
- **Relative Humidity** is likely to range from 40% to 95%.
- **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>	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>0</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	<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>

		potato	
<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>➤ <i>Remove and destroy the affected plant</i></li> <li>➤ <i>Proper drainage should be maintained in the field</i></li> </ul>
<b>Naga king chilli</b>	Vegetative stage	White flies, aphids, viral disease, leaf curl	<ul style="list-style-type: none"> <li>➤ <i>Spray neem oil to the plants to control white flies infestation and thereby prevent viral disease</i></li> <li>➤ <i>Uproot the infected plants and bury diseased plants or burn it</i></li> <li>➤ <i>Pinch the tip of the plants to encourage more lateral shoot development</i></li> <li>➤ <i>For plants infected with leaf curl, it should be removed from the field immediately</i></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>			
	<ul style="list-style-type: none"> <li>➤ Apply lime as per recommended dose depending on the pH</li> <li>➤ After 15 days of lime application, apply cow dung and wait till the pond water turns green.</li> <li>➤ Put some aquatic plant in one corner of the pond for sheltering stocked fish during high temperature.</li> </ul>		

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# Integrated Agromet Advisory Service Bulletin from 27<sup>th</sup> to 31<sup>st</sup> May'17

## Wokha District

Bulletin No:40/2017

### *Weather summary of the preceding week*

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

### *Weather forecast valid upto 31<sup>st</sup> May'17*

- Probability of light rain the coming week.
- **Max temp** is likely to be 30<sup>o</sup>C - 32<sup>o</sup>C and the **min temp** 22<sup>o</sup>C to 24<sup>o</sup>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 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>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>				
		<ul style="list-style-type: none"> <li>➤ Apply lime as per recommended dose depending on the pH</li> <li>➤ After 15 days of lime application, apply cow dung and wait till the pond water turns green.</li> <li>➤ Put some aquatic plant in one corner of the pond for sheltering stocked fish during high temperature.</li> </ul>		



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भा क अनुप - पु प सं  
ICAR - RCNEH

ICAR RESEARCH COMPLEX FOR NEH REGION  
(Indian Council of Agricultural Research)  
NAGALAND CENTER, JHARNAPANI, MEDZIPHEMA

## Integrated Agromet Advisory Service Bulletin from 27<sup>th</sup> to 31<sup>st</sup> May'17 Zunheboto District

Bulletin No:40/2017

<i>Weather summary of the preceding week</i>			<i>Weather forecast valid upto 31<sup>st</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 21<sup>o</sup>C to 23<sup>o</sup>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 29<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 36% to 93%.</li> <li><b>Wind speed</b> may reach upto 1- 2 kmph</li> <li><b>Wind direction</b> will be mostly 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>	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>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<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>➤ 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>
	<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><i>Livestock</i></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><i>Fisheries</i></b>				
		<ul style="list-style-type: none"> <li>➤ Apply lime as per recommended dose depending on the pH</li> <li>➤ After 15 days of lime application, apply cow dung and wait till the pond water turns green.</li> <li>➤ Put some aquatic plant in one corner of the pond for sheltering stocked fish during high temperature.</li> </ul>		

## SCIENTIFIC EXPERT COMMITTEE

Sl.no	Name	Designation	Department	
1	Dr.D.J. Rajkhowa	Principle Scientist	Agronomy	djrajkhowa@gmail.com
2	Dr. L.K. Baishya	Senior Scientist	Agronomy	lkbicar@gmail.com
3	Ph. Romen Sharma	Scientist	Agricultural Extension	romen.agext@gmail.com
4	Dr. Rajesha G	Scientist	Plant Pathology	rajeshag337@gmail.com
5	Dr. Mahak Singh	Scientist	Animal Reproduction & Gynaecology	mahaksinghivri@gmail.com
6	Dr. Azeze Seyie	Scientist	Spices, Plantation & Medicinal & Aromatic Plants	azezeseyie@yahoo.com
7	Jyotish Barman	Scientist	Fisheries Resource Management	jyotish5@gmail.com
8	Aabon W Yanthan	Scientist	Vegetable Science	aabon.iari@gmail.com





# Integrated Agromet Advisory Service Bulletin from 27<sup>th</sup> to 31<sup>st</sup> May '17

## Dimapur District

Bulletin No:40/2017

### 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 31<sup>st</sup> May '17

- Probability of light rain the coming week.
- **Max temp** is likely to be 32<sup>o</sup>C - 33<sup>o</sup>C and the **min temp** 22<sup>o</sup>C to 24<sup>o</sup>C
- **Sky is likely to be mainly cloudy** the coming week
- **Relative Humidity** is likely to range from 34% to 81%.
- **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>	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>➤ <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>

<b><i>Cucurbits</i></b>	Vegetative stage	Powdery mildew	<i>Remove the infected leaves</i>
<b><i>Brinjal</i></b>	Vegetative stage		<i>Timely weeding and intercultural operation should be done.</i>
		Wilt	<ul style="list-style-type: none"> <li>➤ <i>Remove and destroy the affected plant</i></li> <li>➤ <i>Proper drainage should be maintained in the field</i></li> </ul>
<b><i>Naga king chilli</i></b>	Vegetative stage	White flies, aphids, viral disease, leaf curl	<ul style="list-style-type: none"> <li>➤ <i>Spray neem oil to the plants to control white flies infestation and thereby prevent viral disease</i></li> <li>➤ <i>Uproot the infected plants and bury diseased plants or burn it</i></li> <li>➤ <i>Pinch the tip of the plants to encourage more lateral shoot development</i></li> <li>➤ <i>For plants infected with leaf curl, it should be removed from the field immediately</i></li> </ul>
<b><i>Fruit trees</i></b>			<i>Maintain proper sanitation in and around the vicinity of the tree</i>
<b><i>Ginger / turmeric</i></b>	Vegetative stage	-	<i>Timely earthing up and weeding should be done. Mulch the plant with dry leaves and straw</i>
<b><i>Livestock</i></b>			
<b><i>Poultry</i></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><i>Piggery</i></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><i>Fisheries</i></b>			
	<ul style="list-style-type: none"> <li>➤ Apply lime as per recommended dose depending on the pH</li> <li>➤ After 15 days of lime application, apply cow dung and wait till the pond water turns green.</li> <li>➤ Put some aquatic plant in one corner of the pond for sheltering stocked fish during high temperature</li> </ul>		

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भा क अनुष - पु प सं  
ICAR - RCNEH

ICAR RESEARCH COMPLEX FOR NEH REGION  
(Indian Council of Agricultural Research)  
NAGALAND CENTER, JHARNAPANI, MEDZIPHEMA

# Integrated Agromet Advisory Service Bulletin from 27<sup>th</sup> to 31<sup>st</sup> May'17 Kiphire District

Bulletin No:40/2017

<i>Weather summary of the preceding week</i>			<i>Weather forecast valid upto 31<sup>st</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 20<sup>o</sup>C to 23<sup>o</sup>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 29<sup>o</sup>C - 32<sup>o</sup>C and the <b>min temp</b> 23<sup>o</sup>C to 26<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 39% to 90%.</li> <li>▪ <b>Wind speed</b> may reach upto 1- 2 kmph</li> <li>▪ <b>Wind direction</b> will be mostly 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>	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>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>➤ <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>
<i>Brinjal</i>	Vegetative stage		<i>Timely weeding and intercultural operation should be done.</i>
		Wilt	<ul style="list-style-type: none"> <li>➤ <i>Remove and destroy the affected plant</i></li> <li>➤ <i>Proper drainage should be maintained in the field</i></li> </ul>
<i>Naga king chilli</i>	Vegetative stage	White flies, aphids, viral disease, leaf curl	<ul style="list-style-type: none"> <li>➤ <i>Spray neem oil to the plants to control white flies infestation and thereby prevent viral disease</i></li> <li>➤ <i>Uproot the infected plants and bury diseased plants or burn it</i></li> <li>➤ <i>Pinch the tip of the plants to encourage more lateral shoot development</i></li> <li>➤ <i>For plants infected with leaf curl, it should be removed from the field immediately</i></li> </ul>
<i>Fruit trees</i>			<i>Maintain proper sanitation in and around the vicinity of the tree</i>
<i>Ginger / turmeric</i>	Vegetative stage	-	<i>Timely earthing up and weeding should be done. Mulch the plant with dry leaves and straw</i>
<b><i>Livestock</i></b>			
<i>Poultry</i>	<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>		
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