



# Integrated Agromet Advisory Service Bulletin from 14<sup>th</sup> to 18<sup>th</sup> June'17

## Mokokchung District

Bulletin No:45/2017

Weather summary of the preceding week			Weather forecast valid upto 18 <sup>th</sup> June'17
<ul style="list-style-type: none"> <li>Moderate rain occurred the past week</li> <li>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.</li> <li>Relative humidity varied from 57% to 96%.</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 28<sup>0</sup>C - 30<sup>0</sup>C and the <b>min temp</b> 20<sup>0</sup>C to 22<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 49% to 95%.</li> <li><b>Wind speed</b> may reach upto 1- 2 kmph</li> <li><b>Wind direction</b> will be southeasterly</li> </ul>
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% at 12-15 days interval</i>
<i>TRC/WRC paddy</i>	Nursery		<i>Prepare the nursery by plowing at least twice and harrow at least once. Level the soil surface and put in drainage lines across the field. Broadcast seed in the nursery evenly, over the water covered soil surface Seed treatment should be done</i>
<i>Kharif maize</i>	Vegetative stage	Stem borer	<i>The prevalent weather is favourable for the development of stem borer. Removed the infested plant parts.</i>
<i>Green gram</i>	Flowering stage		<i>Good drainage may be given to manage soil borne root diseases</i>
Horticultural crop			
<i>Citrus</i>	Flowering to fruiting stage	Mealy bug	<ul style="list-style-type: none"> <li>➤ <i>In citrus orchard, destroy the ant colonies (black ants) as they act as the carriers of mealy bug. The affected plants become pale, wilt and may die also. In heavily attacked plants, citrus fruits do not set.</i></li> <li>➤ <i>Timely weeding should be carried out</i></li> </ul>
<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>
		Spotted bollworm	<ul style="list-style-type: none"> <li>➤ <i>In the present weather condition, spotted bollworm will be seen. The infested fruits will have a varying number of holes.</i></li> <li>➤ <i>Remove regularly the attacked fruits and bury deep in the soil.</i></li> </ul>
<i>Cucurbits</i>	Vegetative stage	Powdery mildew	<i>Remove the infected leaves</i>

		Stink bug	Maintain proper sanitation as they are mostly found in weedy areas.
			➤ For trailing, dried twigs can be spread on the ground. Weeding should be done whenever necessary.
Brinjal	Vegetative stage		➤ Timely weeding and intercultural operation should be done.
		Wilt	➤ Remove and destroy the affected plant ➤ Proper drainage should be maintained in the field
Naga king chilli	Vegetative stage	viral disease	➤ Timely weeding should be done ➤ Virus infected plants should be removed or uprooted and buried into the soil ➤ Daily monitoring should be done for insect pest and need based neem oil should be spray
Fruit trees			Maintain proper sanitation in and around the vicinity of the tree
Ginger / turmeric	Vegetative stage	-	Timely earthing up and weeding/hoeing should be done. Mulch the plant with dry leaves and straw
<p style="text-align: center;"><b>Livestock</b></p> <p style="text-align: center;">Provide clean and cool drinking water to the animals</p>			
Poultry	➤ Protect the birds from rain ➤ Keep the litter material dry ➤ Give electrolyte in drinking water to birds of 1-6 weeks.		
Piggery	➤ Vaccinate against swine fever ➤ Maintain hygiene in pig house to protect from diarrhea ➤ Deworm the animal at 3 month interval ➤ Do AI, if animal comes into heat		
	<p style="text-align: center;"><b>Fisheries</b></p>		
	➤ 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.		



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 14<sup>th</sup> to 18<sup>th</sup> June'17 Mon District

Bulletin No:45/2017

## 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 20<sup>0</sup>C to 23<sup>0</sup>C, respectively.
- Relative humidity varied from 57% to 92%
- Wind speed ranged from 1 to 2 kmph

## Weather forecast valid upto 18<sup>th</sup> June'17


- Probability of moderate rain the coming week.
- **Max temp** is likely to be 26<sup>0</sup>C - 28<sup>0</sup>C and the **min temp** 21<sup>0</sup>C to 22<sup>0</sup>C
- **Sky is likely to be mainly cloudy** the coming week
- **Relative Humidity** is likely to range from 50% to 94%.
- **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>	Tillering stage	Blast	<i>If the infection is severe, spray tricyclazole 0.1% at 12-15 days interval</i>
<i>TRC/WRC paddy</i>	Nursery		<i>Prepare the nursery by plowing at least twice and harrow at least once. Level the soil surface and put in drainage lines across the field. Broadcast seed in the nursery evenly, over the water covered soil surface Seed treatment should be done</i>
<i>Kharif maize</i>	Vegetative stage	Stem borer	<i>The prevalent weather is favourable for the development of stem borer. Removed the infested plant parts.</i>
<i>Green gram</i>	Flowering stage		<i>Good drainage may be given to manage soil borne root diseases</i>

## Horticultural crop

<i>Citrus</i>	Flowering to fruiting stage	Mealy bug	<ul style="list-style-type: none"> <li>➤ <i>In citrus orchard, destroy the ant colonies (black ants) as they act as the carriers of mealy bug. The affected plants become pale, wilt and may die also. In heavily attacked plants, citrus fruits do not set.</i></li> <li>➤ <i>Timely weeding should be carried out</i></li> </ul>
<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>
		Spotted bollworm	<ul style="list-style-type: none"> <li>➤ <i>In the present weather condition, spotted bollworm will be seen. The infested fruits will have a varying number of holes.</i></li> <li>➤ <i>Remove regularly the attacked fruits and bury deep in the soil.</i></li> </ul>
<i>Cucurbits</i>	Vegetative stage	Powdery mildew	<i>Remove the infected leaves</i>

			Stink bug	Maintain proper sanitation as they are mostly found in weedy areas.
				<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>
	Brinjal	Vegetative stage		<ul style="list-style-type: none"> <li>➤ Timely weeding and intercultural operation 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>
	Naga king chilli	Vegetative stage	viral disease	<ul style="list-style-type: none"> <li>➤ Timely weeding 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>
	Fruit trees			Maintain proper sanitation in and around the vicinity of the tree
	Ginger / turmeric	Vegetative stage	-	Timely earthing up and weeding/hoeing should be done. Mulch the plant with dry leaves and straw
	<p style="text-align: center;"><b>Livestock</b></p> <p style="text-align: center;">Provide clean and cool drinking water to the animals</p>			
	Poultry	<ul style="list-style-type: none"> <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> <li>➤ Good management and sanitation are the best ways to avoid infectious disease in poultry.</li> </ul>		
	Piggery	<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>		
<p style="text-align: center;"><b>Fisheries</b></p>				
		<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> <li>➤ Avoid excessive manuring and feeding which can lead to oxygen depletion in cloudy weather, hence both should be avoided.</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
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8	Aabon W Yanthan	Scientist	Vegetable Science	aabon.iari@gmail.com




# Integrated Agromet Advisory Service Bulletin from 14<sup>th</sup> to 18<sup>th</sup> June'17

## Peren District

Bulletin No:45/2017

Weather summary of the preceding week			Weather forecast valid upto 18 <sup>th</sup> June'17
<ul style="list-style-type: none"> <li>Moderate rain occurred the past week</li> <li>Maximum and minimum temperatures ranged 31<sup>0</sup>C to 33<sup>0</sup>C and 21<sup>0</sup>C to 25<sup>0</sup>C, respectively.</li> <li>Relative humidity varied from 45% to 95%.</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 26<sup>0</sup>C - 30<sup>0</sup>C and the <b>min temp</b> 20<sup>0</sup>C to 22<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 51% 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>
Field crops			
Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
Jhum paddy	Tillering stage	Blast	If the infection is severe, spray tricyclazole 0.1% at 12-15 days interval
TRC/WRC paddy	Nursery		Prepare the nursery by plowing at least twice and harrow at least once. Level the soil surface and put in drainage lines across the field. Broadcast seed in the nursery evenly, over the water covered soil surface Seed treatment should be done
Kharif maize	Vegetative stage	Stem borer	The prevalent weather is favourable for the development of stem borer. Removed the infested plant parts.
Green gram	Flowering stage		Good drainage may be given to manage soil borne root diseases
Horticultural crop			
Citrus	Flowering to fruiting stage	Mealy bug	<ul style="list-style-type: none"> <li>In citrus orchard, destroy the ant colonies (black ants) as they act as the carriers of mealy bug. The affected plants become pale, wilt and may die also. In heavily attacked plants, citrus fruits do not set.</li> <li>Timely weeding should be carried out</li> </ul>
Okra	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>
		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.</li> <li>Remove regularly the attacked fruits and bury deep in the soil.</li> </ul>

	<b>Cucurbits</b>	Vegetative stage	Powdery mildew	Remove the infected leaves
			Stink bug	Maintain proper sanitation as they are mostly found in weedy areas.
				➤ For trailing, dried twigs can be spread on the ground. Weeding should be done whenever necessary.
	<b>Brinjal</b>	Vegetative stage		➤ Timely weeding and intercultural operation should be done.
			Wilt	➤ Remove and destroy the affected plant ➤ Proper drainage should be maintained in the field
	<b>Naga king chilli</b>	Vegetative stage	viral disease	➤ Timely weeding should be done ➤ Virus infected plants should be removed or uprooted and buried into the soil ➤ Daily monitoring should be done for insect pest and need based neem oil should be spray
	<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/hoeing should be done. Mulch the plant with dry leaves and straw
	<p style="text-align: center;"><b>Livestock</b></p> <p style="text-align: center;">Provide clean and cool drinking water to the animals</p>			
	<b>Poultry</b>	➤ Protect the birds from rain ➤ Keep the litter material dry ➤ Give electrolyte in drinking water to birds of 1-6 weeks.		
	<b>Piggery</b>	➤ Vaccinate against swine fever ➤ Maintain hygiene in pig house to protect from diarrhea ➤ Deworm the animal at 3 month interval ➤ Do AI, if animal comes into heat		
		<p style="text-align: center;"><b>Fisheries</b></p>		
		➤ 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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# Integrated Agromet Advisory Service Bulletin from 14<sup>th</sup> to 18<sup>th</sup> June'17 Phek District

Bulletin No:45/2017

Weather summary of the preceding week			Weather forecast valid upto 18 <sup>th</sup> June'17
<ul style="list-style-type: none"> <li>Moderate rain occurred the past week</li> <li>Maximum and minimum temperatures ranged 28<sup>0</sup>C to 31<sup>0</sup>C and 20<sup>0</sup>C to 22<sup>0</sup>C, respectively.</li> <li>Relative humidity varied from 45% to 95%.</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 27<sup>0</sup>C - 30<sup>0</sup>C and the <b>min temp</b> 22<sup>0</sup>C to 23<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 52% to 93%.</li> <li><b>Wind speed</b> may reach upto 1- 2 kmph</li> <li><b>Wind direction</b> will be mostly southwesterly</li> </ul>
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% at 12-15 days interval</i>
<i>TRC/WRC paddy</i>	Nursery		<i>Prepare the nursery by plowing at least twice and harrow at least once. Level the soil surface and put in drainage lines across the field. Broadcast seed in the nursery evenly, over the water covered soil surface Seed treatment should be done</i>
<i>Kharif maize</i>	Vegetative stage	Stem borer	<i>The prevalent weather is favourable for the development of stem borer. Removed the infested plant parts.</i>
<i>Green gram</i>	Flowering stage		<i>Good drainage may be given to manage soil borne root diseases</i>
Horticultural crop			
<i>Citrus</i>	Flowering to fruiting stage	Mealy bug	<ul style="list-style-type: none"> <li>➤ <i>In citrus orchard, destroy the ant colonies (black ants) as they act as the carriers of mealy bug. The affected plants become pale, wilt and may die also. In heavily attacked plants, citrus fruits do not set.</i></li> <li>➤ <i>Timely weeding should be carried out</i></li> </ul>
<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>
		Spotted	➤ <i>In the present weather condition, spotted bollworm will be seen. The infested</i>

			bollworm	<i>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>	Vegetative stage	Powdery mildew	<i>Remove the infected leaves</i>
			Stink bug	<i>Maintain proper sanitation as they are mostly found in weedy areas.</i>
				➤ <i>For trailing, dried twigs can be spread on the ground.</i> <i>Weeding should be done whenever necessary.</i>
	<b>Brinjal</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>Naga king chilli</b>	Vegetative stage	viral disease	➤ <i>Timely weeding should be done</i> ➤ <i>Virus infected plants should be removed or uprooted and buried into the soil</i> ➤ <i>Daily monitoring should be done for insect pest and need based neem oil should be spray</i>
	<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/hoeing should be done. Mulch the plant with dry leaves and straw</i>
	<b><i>Livestock</i></b> Provide clean and cool drinking water to the animals			
	<b>Poultry</b>	➤ Protect the birds from rain ➤ Keep the litter material dry ➤ Give electrolyte in drinking water to birds of 1-6 weeks.		
	<b>Piggery</b>	➤ Vaccinate against swine fever ➤ Maintain hygiene in pig house to protect from diarrhea ➤ Deworm the animal at 3 month interval ➤ Do AI, if animal comes into heat		
		<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.
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## Integrated Agromet Advisory Service Bulletin from 14<sup>th</sup> to 18<sup>th</sup> June'17

### Tuensang District

Bulletin No:45/2017

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Field crops			
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<i>Kharif maize</i>	Vegetative stage	Stem borer	<i>The prevalent weather is favourable for the development of stem borer. Removed the infested plant parts.</i>
<i>Green gram</i>	Flowering stage		<i>Good drainage may be given to manage soil borne root diseases</i>
Horticultural crop			
<i>Citrus</i>	Flowering to fruiting stage	Mealy bug	<ul style="list-style-type: none"> <li>➤ <i>In citrus orchard, destroy the ant colonies (black ants) as they act as the carriers of mealy bug. The affected plants become pale, wilt and may die also. In heavily attacked plants, citrus fruits do not set.</i></li> <li>➤ <i>Timely weeding should be carried out</i></li> </ul>
<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>
		Spotted bollworm	<ul style="list-style-type: none"> <li>➤ <i>In the present weather condition, spotted bollworm will be seen. The infested fruits will have a varying number of holes.</i></li> <li>➤ <i>Remove regularly the attacked fruits and bury deep in the soil.</i></li> </ul>
<i>Cucurbits</i>	Vegetative stage	Powdery mildew	<i>Remove the infected leaves</i>

			Stink bug	Maintain proper sanitation as they are mostly found in weedy areas.
				➤ For trailing, dried twigs can be spread on the ground. Weeding should be done whenever necessary.
	<b>Brinjal</b>	Vegetative stage		➤ Timely weeding and intercultural operation should be done.
			Wilt	➤ Remove and destroy the affected plant ➤ Proper drainage should be maintained in the field
	<b>Naga king chilli</b>	Vegetative stage	viral disease	➤ Timely weeding should be done ➤ Virus infected plants should be removed or uprooted and buried into the soil ➤ Daily monitoring should be done for insect pest and need based neem oil should be spray
	<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/hoeing should be done. Mulch the plant with dry leaves and straw
	<p style="text-align: center;"><b>Livestock</b></p> <p style="text-align: center;">Provide clean and cool drinking water to the animals</p>			
	<b>Poultry</b>	➤ Protect the birds from rain ➤ Keep the litter material dry ➤ Give electrolyte in drinking water to birds of 1-6 weeks.		
	<b>Piggery</b>	➤ Vaccinate against swine fever ➤ Maintain hygiene in pig house to protect from diarrhea ➤ Deworm the animal at 3 month interval ➤ Do AI, if animal comes into heat		
		<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	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 14<sup>th</sup> to 18<sup>th</sup> June'17 Wokha District

Bulletin No:45/2017

Weather summary of the preceding week			Weather forecast valid upto 18 <sup>th</sup> June'17
<ul style="list-style-type: none"> <li>Moderate rain occurred the past week</li> <li>Maximum and minimum temperatures ranged 28<sup>0</sup>C to 31<sup>0</sup>C and 19<sup>0</sup>C to 22<sup>0</sup>C, respectively.</li> <li>Relative humidity varied from 47% to 94%.</li> <li>Wind speed ranged from 2 to 4 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 28<sup>0</sup>C - 30<sup>0</sup>C and the <b>min temp</b> 22<sup>0</sup>C to 23<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 52% to 94%.</li> <li><b>Wind speed</b> may reach upto 1- 2 kmph</li> <li><b>Wind direction</b> will be mostly southerly</li> </ul>
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% at 12-15 days interval</i>
<i>TRC/WRC paddy</i>	Nursery		<i>Prepare the nursery by plowing at least twice and harrow at least once. Level the soil surface and put in drainage lines across the field. Broadcast seed in the nursery evenly, over the water covered soil surface. Seed treatment should be done</i>
<i>Kharif maize</i>	Vegetative stage	Stem borer	<i>The prevalent weather is favourable for the development of stem borer. Removed the infested plant parts.</i>
<i>Green gram</i>	Flowering stage		<i>Good drainage may be given to manage soil borne root diseases</i>
Horticultural crop			
<i>Citrus</i>	Flowering to fruiting stage	Mealy bug	<ul style="list-style-type: none"> <li>➤ <i>In citrus orchard, destroy the ant colonies (black ants) as they act as the carriers of mealy bug. The affected plants become pale, wilt and may die also. In heavily attacked plants, citrus fruits do not set.</i></li> <li>➤ <i>Timely weeding should be carried out</i></li> </ul>
<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>
		Spotted bollworm	<ul style="list-style-type: none"> <li>➤ <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></li> </ul>



	<b>Cucurbits</b>	Vegetative stage	Powdery mildew	<i>Remove the infected leaves</i>
			Stink bug	<i>Maintain proper sanitation as they are mostly found in weedy areas.</i>
				➤ <i>For trailing, dried twigs can be spread on the ground. Weeding should be done whenever necessary.</i>
	<b>Brinjal</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>Naga king chilli</b>	Vegetative stage	viral disease	➤ <i>Timely weeding should be done</i> ➤ <i>Virus infected plants should be removed or uprooted and buried into the soil</i> ➤ <i>Daily monitoring should be done for insect pest and need based neem oil should be spray</i>
	<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/hoeing should be done. Mulch the plant with dry leaves and straw</i>
	<p style="text-align: center;"><b><i>Livestock</i></b></p> <p style="text-align: center;">Provide clean and cool drinking water to the animals</p>			
	<b>Poultry</b>	➤ Protect the birds from rain ➤ Keep the litter material dry ➤ Give electrolyte in drinking water to birds of 1-6 weeks.		
	<b>Piggery</b>	➤ Vaccinate against swine fever ➤ Maintain hygiene in pig house to protect from diarrhea ➤ Deworm the animal at 3 month interval ➤ Do AI, if animal comes into heat		
		<p style="text-align: center;"><b><i>Fisheries</i></b></p>		
		➤ 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

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7	Jyotish Barman	Scientist	Fisheries Resource Management	jyotish5@gmail.com
8	Aabon W Yanthan	Scientist	Vegetable Science	aabon.iari@gmail.com






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## Integrated Agromet Advisory Service Bulletin from 14<sup>th</sup> to 18<sup>th</sup> June'17 Zunheboto District

Bulletin No:45/2017

Weather summary of the preceding week			Weather forecast valid upto 18 <sup>th</sup> June'17
<ul style="list-style-type: none"> <li>Moderate 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 49% to 95%.</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 28<sup>0</sup>C - 30<sup>0</sup>C and the <b>min temp</b> 22<sup>0</sup>C to 23<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 50% to 95%.</li> <li><b>Wind speed</b> may reach upto 1- 2 kmph</li> <li><b>Wind direction</b> will be mostly southwesterly</li> </ul>
Field crops			
Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
Jhum paddy	Tillering stage	Blast	If the infection is severe, spray tricyclazole 0.1% at 12-15 days interval
TRC/WRC paddy	Nursery		Prepare the nursery by plowing at least twice and harrow at least once. Level the soil surface and put in drainage lines across the field. Broadcast seed in the nursery evenly, over the water covered soil surface Seed treatment should be done
Kharif maize	Vegetative stage	Stem borer	The prevalent weather is favourable for the development of stem borer. Removed the infested plant parts.
Green gram	Flowering stage		Good drainage may be given to manage soil borne root diseases
Horticultural crop			
Citrus	Flowering to fruiting stage	Mealy bug	<ul style="list-style-type: none"> <li>In citrus orchard, destroy the ant colonies (black ants) as they act as the carriers of mealy bug. The affected plants become pale, wilt and may die also. In heavily attacked plants, citrus fruits do not set.</li> <li>Timely weeding should be carried out</li> </ul>
Okra	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>
		Spotted	<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.</li> </ul>

			bollworm	<i>Remove regularly the attacked fruits and bury deep in the soil.</i>
	<b>Cucurbits</b>	Vegetative stage	Powdery mildew	<i>Remove the infected leaves</i>
			Stink bug	<i>Maintain proper sanitation as they are mostly found in weedy areas.</i>
				<ul style="list-style-type: none"><li>➤ <i>For trailing, dried twigs can be spread on the ground. Weeding should be done whenever necessary.</i></li></ul>
	<b>Brinjal</b>	Vegetative stage		<ul style="list-style-type: none"><li>➤ <i>Timely weeding and intercultural operation should be done.</i></li></ul>
			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	viral disease	<ul style="list-style-type: none"><li>➤ <i>Timely weeding should be done</i></li><li>➤ <i>Virus infected plants should be removed or uprooted and buried into the soil</i></li><li>➤ <i>Daily monitoring should be done for insect pest and need based neem oil should be spray</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/hoeing should be done. Mulch the plant with dry leaves and straw</i>
	<b>Livestock</b>			
	Provide clean and cool drinking water to the animals			
	<b>Poultry</b>	<ul style="list-style-type: none"><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

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7	Jyotish Barman	Scientist	Fisheries Resource Management	jyotish5@gmail.com
8	Aabon W Yanthan	Scientist	Vegetable Science	aabon.iari@gmail.com








## Integrated Agromet Advisory Service Bulletin from 14<sup>th</sup> to 18<sup>th</sup> June'17 Dimapur District

Bulletin No:45/2017

Weather summary of the preceding week			Weather forecast valid upto 18 <sup>th</sup> June'17
<ul style="list-style-type: none"> <li>Moderate rain occurred the past week</li> <li>Maximum and minimum temperatures ranged 27<sup>0</sup>C to 35<sup>0</sup>C and 23<sup>0</sup>C to 25<sup>0</sup>C, respectively.</li> <li>Relative humidity varied from 56% to 96%.</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 28<sup>0</sup>C - 30<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 44% to 95%.</li> <li><b>Wind speed</b> may reach upto 1- 2 kmph</li> <li><b>Wind direction</b> will be mostly southerly</li> </ul>
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% at 12-15 days interval</i>
<i>TRC/WRC paddy</i>	Nursery		<i>Prepare the nursery by plowing at least twice and harrow at least once. Level the soil surface and put in drainage lines across the field. Broadcast seed in the nursery evenly, over the water covered soil surface Seed treatment should be done</i>
<i>Kharif maize</i>	Vegetative stage	Stem borer	<i>The prevalent weather is favourable for the development of stem borer. Removed the infested plant parts.</i>
<i>Green gram</i>	Flowering stage		<i>Good drainage may be given to manage soil borne root diseases</i>
Horticultural crop			
<i>Citrus</i>	Flowering to fruiting stage	Mealy bug	<ul style="list-style-type: none"> <li>➤ <i>In citrus orchard, destroy the ant colonies (black ants) as they act as the carriers of mealy bug. The affected plants become pale, wilt and may die also. In heavily attacked plants, citrus fruits do not set.</i></li> <li>➤ <i>Timely weeding should be carried out</i></li> </ul>
<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>
		Spotted bollworm	<ul style="list-style-type: none"> <li>➤ <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></li> </ul>
<i>Cucurbits</i>	Vegetative stage	Powdery	<i>Remove the infected leaves</i>

			mildew	
			Stink bug	➤ <i>Maintain proper sanitation as they are mostly found in weedy areas.</i>
				➤ <i>For trailing, dried twigs can be spread on the ground. Weeding should be done whenever necessary.</i>
	<b>Brinjal</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>Naga king chilli</b>	Vegetative stage	viral disease	➤ <i>Timely weeding should be done</i> ➤ <i>Virus infected plants should be removed or uprooted and buried into the soil</i> ➤ <i>Daily monitoring should be done for insect pest and need based neem oil should be spray</i>
	<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/hoeing should be done. Mulch the plant with dry leaves and straw</i>
	<b><i>Livestock</i></b> Provide clean and cool drinking water to the animals			
	<b>Poultry</b>	➤ Protect the birds from rain ➤ Keep the litter material dry ➤ Give electrolyte in drinking water to birds of 1-6 weeks. ➤ Good management and sanitation are the best ways to avoid infectious disease in poultry.		
	<b>Piggery</b>	➤ Vaccinate against swine fever ➤ Maintain hygiene in pig house to protect from diarrhea ➤ Deworm the animal at 3 month interval ➤ Do AI, if animal comes into heat		
	<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 ➤ Avoid excessive manuring and feeding which can lead to oxygen depletion in cloudy weather, hence both should be avoided.			

## SCIENTIFIC EXPERT COMMITTEE

Sl.no	Name	Designation	Department	
1	Dr.D.J. Rajkhowa	Principle Scientist	Agronomy	djrajkhowa@gmail.com
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8	Aabon W Yanthan	Scientist	Vegetable Science	aabon.iari@gmail.com




# Integrated Agromet Advisory Service Bulletin from 14<sup>th</sup> to 18<sup>th</sup> June'17

## Kiphire District

Bulletin No:45/2017

Weather summary of the preceding week			Weather forecast valid upto 18 <sup>th</sup> June'17
<ul style="list-style-type: none"> <li>Moderate rain occurred the past week</li> <li>Maximum and minimum temperatures ranged 30<sup>0</sup>C to 31<sup>0</sup>C and 21<sup>0</sup>C to 24<sup>0</sup>C, respectively.</li> <li>Relative humidity varied from 52% 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 27<sup>0</sup>C - 31<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 56% to 95%.</li> <li><b>Wind speed</b> may reach upto 1- 2 kmph</li> <li><b>Wind direction</b> will be mostly westerly</li> </ul>
Field crops			
Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
<i>Jhum paddy</i>	Tillering stage	Blast	If the infection is severe, spray tricyclazole 0.1% at 12-15 days interval
<i>TRC/WRC paddy</i>	Nursery		Prepare the nursery by plowing at least twice and harrow at least once. Level the soil surface and put in drainage lines across the field. Broadcast seed in the nursery evenly, over the water covered soil surface Seed treatment should be done
<i>Kharif maize</i>	Vegetative stage	Stem borer	The prevalent weather is favourable for the development of stem borer. Removed the infested plant parts.
<i>Green gram</i>	Flowering stage		Good drainage may be given to manage soil borne root diseases
Horticultural crop			
<i>Citrus</i>	Flowering to fruiting stage	Mealy bug	<ul style="list-style-type: none"> <li>In citrus orchard, destroy the ant colonies (black ants) as they act as the carriers of mealy bug. The affected plants become pale, wilt and may die also. In heavily attacked plants, citrus fruits do not set.</li> <li>Timely weeding should be carried out</li> </ul>
<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>
		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.</li> <li>Remove regularly the attacked fruits and bury deep in the soil.</li> </ul>
<i>Cucurbits</i>	Vegetative stage	Powdery mildew	Remove the infected leaves

			Stink bug	Maintain proper sanitation as they are mostly found in weedy areas.
				<ul style="list-style-type: none"> <li>➤ For trailing, dried twigs can be spread on the ground.</li> <li>Weeding should be done whenever necessary.</li> </ul>
	<b>Brinjal</b>	Vegetative stage		<ul style="list-style-type: none"> <li>➤ Timely weeding and intercultural operation 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>	Vegetative stage	viral disease	<ul style="list-style-type: none"> <li>➤ Timely weeding 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
	<b>Ginger / turmeric</b>	Vegetative stage	-	Timely earthing up and weeding/hoeing should be done. Mulch the plant with dry leaves and straw
	<p style="text-align: center;"><b>Livestock</b></p> <p style="text-align: center;">Provide clean and cool drinking water to the animals</p>			
	<b>Poultry</b>	<ul style="list-style-type: none"> <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 14<sup>th</sup> to 18<sup>th</sup> June'17 Kohima District

Bulletin No:45/2017

Weather summary of the preceding week			Weather forecast valid upto 18 <sup>th</sup> June'17
<ul style="list-style-type: none"> <li>Moderate rain occurred the past week</li> <li>Maximum and minimum temperatures ranged 24<sup>o</sup>C to 28<sup>o</sup>C and 16<sup>o</sup>C to 17<sup>o</sup>C, respectively.</li> <li>Relative humidity varied from 55% to 98%.</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 24<sup>o</sup>C - 26<sup>o</sup>C and the <b>min temp</b> 16<sup>o</sup>C to 18<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 52% to 95%.</li> <li><b>Wind speed</b> may reach upto 1- 2 kmph</li> <li><b>Wind direction</b> will be southwesterly</li> </ul>
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% at 12-15 days interval</i>
<i>TRC/WRC paddy</i>	Nursery		<i>Prepare the nursery by plowing at least twice and harrow at least once. Level the soil surface and put in drainage lines across the field. Broadcast seed in the nursery evenly, over the water covered soil surface Seed treatment should be done</i>
<i>Kharif maize</i>	Vegetative stage	Stem borer	<i>The prevalent weather is favourable for the development of stem borer. Removed the infested plant parts.</i>
<i>Green gram</i>	Flowering stage		<i>Good drainage may be given to manage soil borne root diseases</i>
Horticultural crop			
<i>Citrus</i>	Flowering to fruiting stage	Mealy bug	<ul style="list-style-type: none"> <li>➤ <i>In citrus orchard, destroy the ant colonies (black ants) as they act as the carriers of mealy bug. The affected plants become pale, wilt and may die also. In heavily attacked plants, citrus fruits do not set.</i></li> <li>➤ <i>Timely weeding should be carried out</i></li> </ul>
<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>
		Spotted bollworm	<ul style="list-style-type: none"> <li>➤ <i>In the present weather condition, spotted bollworm will be seen. The infested fruits will have a varying number of holes.</i></li> <li>➤ <i>Remove regularly the attacked fruits and bury deep in the soil.</i></li> </ul>

	<b>Cucurbits</b>	Vegetative stage	Powdery mildew	<i>Remove the infected leaves</i>
			Stink bug	<i>Maintain proper sanitation as they are mostly found in weedy areas.</i>
				<ul style="list-style-type: none"><li>➤ <i>For trailing, dried twigs can be spread on the ground. Weeding should be done whenever necessary.</i></li></ul>
	<b>Brinjal</b>	Vegetative stage		<ul style="list-style-type: none"><li>➤ <i>Timely weeding and intercultural operation should be done.</i></li></ul>
			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	viral disease	<ul style="list-style-type: none"><li>➤ <i>Timely weeding should be done</i></li><li>➤ <i>Virus infected plants should be removed or uprooted and buried into the soil</i></li><li>➤ <i>Daily monitoring should be done for insect pest and need based neem oil should be spray</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/hoeing should be done. Mulch the plant with dry leaves and straw</i>
	<b>Livestock</b>			
	Provide clean and cool drinking water to the animals			
<b>Poultry</b>	<ul style="list-style-type: none"><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 14<sup>th</sup> to 18<sup>th</sup> June'17

### Longleng District

Bulletin No:45/2017

Weather summary of the preceding week			Weather forecast valid upto 18 <sup>th</sup> June'17
<ul style="list-style-type: none"> <li>Moderate rain occurred the past week</li> <li>Maximum and minimum temperatures ranged 30<sup>0</sup>C to 34<sup>0</sup>C and 21<sup>0</sup>C to 24<sup>0</sup>C, respectively.</li> <li>Relative humidity varied from 47% to 93%.</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 27<sup>0</sup>C - 30<sup>0</sup>C and the <b>min temp</b> 21<sup>0</sup>C to 22<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 47% 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>
Field crops			
Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
Jhum paddy	Tillering stage	Blast	If the infection is severe, spray tricyclazole 0.1% at 12-15 days interval
TRC/WRC paddy	Nursery		Prepare the nursery by plowing at least twice and harrow at least once. Level the soil surface and put in drainage lines across the field. Broadcast seed in the nursery evenly, over the water covered soil surface Seed treatment should be done
Kharif maize	Vegetative stage	Stem borer	The prevalent weather is favourable for the development of stem borer. Removed the infested plant parts.
Green gram	Flowering stage		Good drainage may be given to manage soil borne root diseases
Horticultural crop			
Citrus	Flowering to fruiting stage	Mealy bug	<ul style="list-style-type: none"> <li>In citrus orchard, destroy the ant colonies (black ants) as they act as the carriers of mealy bug. The affected plants become pale, wilt and may die also. In heavily attacked plants, citrus fruits do not set.</li> <li>Timely weeding should be carried out</li> </ul>
Okra	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>
		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.</li> <li>Remove regularly the attacked fruits and bury deep in the soil.</li> </ul>

	<b>Cucurbits</b>	Vegetative stage	Powdery mildew	<i>Remove the infected leaves</i>
			Stink bug	<i>Maintain proper sanitation as they are mostly found in weedy areas.</i>
				<ul style="list-style-type: none"><li>➤ <i>For trailing, dried twigs can be spread on the ground. Weeding should be done whenever necessary.</i></li></ul>
	<b>Brinjal</b>	Vegetative stage		<ul style="list-style-type: none"><li>➤ <i>Timely weeding and intercultural operation should be done.</i></li></ul>
			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	viral disease	<ul style="list-style-type: none"><li>➤ <i>Timely weeding should be done</i></li><li>➤ <i>Virus infected plants should be removed or uprooted and buried into the soil</i></li><li>➤ <i>Daily monitoring should be done for insect pest and need based neem oil should be spray</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/hoeing should be done. Mulch the plant with dry leaves and straw</i>
	<b>Livestock</b> Provide clean and cool drinking water to the animals			
	<b>Poultry</b>	<ul style="list-style-type: none"><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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7	Jyotish Barman	Scientist	Fisheries Resource Management	jyotish5@gmail.com
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