



# Integrated Agromet Advisory Service Bulletin from 21<sup>st</sup> to 25<sup>th</sup> July'18

## Mokokchung District

Bulletin No:58/2018

Weather summary of the preceding week		Weather forecast valid upto 25 <sup>th</sup> July 2018	
<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 32<sup>0</sup>C and 20<sup>0</sup>C to 21<sup>0</sup>C, respectively.</li><li>▪ Relative humidity varied from 59% to 93%.</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 30<sup>0</sup>C - 32<sup>0</sup>C and the <b>min temp</b> 20<sup>0</sup>C to 21<sup>0</sup>C</li><li>▪ <b>Sky is likely to be cloudy</b> the coming week</li><li>▪ <b>Relative Humidity</b> is likely to range from 54% to 97%.</li><li>▪ <b>Wind speed</b> may reach upto 3- 4 kmph</li><li>▪ <b>Wind direction</b> will be southeasterly</li></ul>	
Timely field sanitation should be done for all the crops. Always use freshly prepared neem seed kernel extract. Apply pesticides only when required. Don't apply more than the recommended dose of the pesticide			
Field crops			
Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
Jhum Paddy	Maximum Tillering stage		Daily monitoring should be done for pest and diseases
TRC/WRC paddy	Tillering stage	Blast	Scout fields for leaf blast symptoms, especially on susceptible varieties. If leaf blast is present, a preventative fungicide application should be considered.
Soybean	Sowing stage	-	Use certified disease free seed.
Horticultural crop			
<ul style="list-style-type: none"><li>• Proper weeding, earthing up should be done and staking should be done for good production.</li></ul>			
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>
Cucurbits	Flowering stage		Vines are very delicate. Take care not to damage vines, which reduce the quality of fruit. Bees are essential for pollination, so be mindful when using insecticides to kill pests. If you must use, apply only in late afternoon or early evening when blossoms are closed for the day.
Okra	Fruiting to harvesting stage	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>Brinjal</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>
<i>Ginger / turmeric</i>	Vegetative stage	Rhizome rot	<i>Proper drainage and sanitation should be maintained. Timely earthing up should be carried out.</i>
<b><i>Livestock</i></b>			
Water stagnation should be avoided in livestock shed to avoid mosquito breeding. Daily provide clean and cool drinking water to the animals			
<i>Poultry</i>	<ul style="list-style-type: none"><li>• Provide bulb in brooder house.</li><li>• Maintain dry litter in poultry house</li><li>• Provide lasota vaccine at 7 days and 30 days of age</li><li>• Separate sick bird from healthy one</li></ul>		
<i>Piggery</i>	<ul style="list-style-type: none"><li>• Vaccinate small piglet of one month of age against swine fever</li><li>• Do Artificial Insemination in adult sow (pig)</li></ul>		
<b><i>Fisheries</i></b>			
	<ul style="list-style-type: none"><li>• Strengthen embankment to prevent erosion due to heavy rain. Do not put lime on rainy days. Monthly application of lime at low dose not only help in maintaining the water pH of the pond but also acts as a source of calcium and disinfect the pond. Application of lime as per recommended dose depending on the pH</li><li>• Stock advance fingerling to get better production and provide feed daily.</li><li>• Water inlet should be covered with mesh cloth which will help in preventing entry of unwanted insects as well as unwanted predatory fishes</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 21<sup>st</sup> to 25<sup>th</sup> July'18 Mon District

Bulletin No:58/2018

### Weather summary of the preceding week

- Moderate rain occurred the past week
- Maximum and minimum temperatures ranged 27<sup>0</sup>C to 31<sup>0</sup>C and 20<sup>0</sup>C to 22<sup>0</sup>C, respectively.
- Relative humidity varied from 65% to 90%
- Wind speed ranged from 2 to 3 kmph


### Weather forecast valid upto 25<sup>th</sup> July 2018

- Probability of moderate rain the coming week.
- **Max temp** is likely to be 28<sup>0</sup>C - 30<sup>0</sup>C and the **min temp** 19<sup>0</sup>C to 21<sup>0</sup>C
- **Sky is likely to be cloudy** the coming week
- **Relative Humidity** is likely to range from 59% to 89%.
- **Wind speed** may reach upto 2- 6 kmph
- **Wind direction** will be mostly southeasterly

Timely field sanitation should be done for all the crops. Always use freshly prepared neem seed kernel extract. Apply pesticides only when required. Don't apply more than the recommended dose of the pesticide

### Field crops

Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
<i>Jhum Paddy</i>	Maximum Tillering stage		<i>Daily monitoring should be done for pest and diseases</i>
<i>TRC/WRC paddy</i>	Tillering stage	Blast	<i>Scout fields for leaf blast symptoms, especially on susceptible varieties. If leaf blast is present, a preventative fungicide application should be considered.</i>
<i>Soybean</i>	Sowing stage	-	<i>Use certified disease free seed.</i>

<b>Horticultural crop</b>			
<i>Proper weeding, earthing up should be done and staking should be done for good production.</i>			
<b>Citrus</b>	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>
<b>Cucurbits</b>	Flowering stage		<i>Vines are very delicate. Take care not to damage vines, which reduce the quality of fruit. Bees are essential for pollination, so be mindful when using insecticides to kill pests. If you must use, apply only in late afternoon or early evening when blossoms are closed for the day.</i>
<b>Okra</b>	Fruiting to harvesting stage	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>Brinjal</b>		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>Ginger / turmeric</b>	Vegetative stage	Rhizome rot	<i>Proper drainage and sanitation should be maintained. Timely earthing up should be carried out.</i>
<b>Livestock</b>			
<ul style="list-style-type: none"><li>• Water stagnation should be avoided in livestock shed to avoid mosquito breeding.</li><li>• Daily provide clean and cool drinking water to the animals</li></ul>			
<b>Poultry</b>	<ul style="list-style-type: none"><li>• Provide bulb in brooder house.</li><li>• Maintain dry litter in poultry house</li><li>• Provide lasota vaccine at 7 days and 30 days of age</li><li>• Separate sick bird from healthy one</li></ul>		
<b>Piggery</b>	<ul style="list-style-type: none"><li>• Vaccinate small piglet of one month of age against swine fever</li><li>• Do Artificial Insemination in adult sow (pig)</li></ul>		
<b>Fisheries</b>			
	<ul style="list-style-type: none"><li>• Strengthen embankment to prevent erosion due to heavy rain. Do not put lime on rainy days. Monthly application of lime at low dose not only help in maintaining the water pH of the pond but also acts as a source of calcium and disinfect the pond. Application of lime as per recommended dose depending on the pH</li><li>• Stock advance fingerling to get better production and provide feed daily.</li><li>• Water inlet should be covered with mesh cloth which will help in preventing entry of unwanted insects as well as unwanted predatory fishes</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 21<sup>st</sup> to 25<sup>th</sup> July'18 Peren District

**Bulletin No:58/2018**

### *Weather summary of the preceding week*

- Moderate rain occurred the past week
- Maximum and minimum temperatures ranged 27<sup>0</sup>C to 31<sup>0</sup>C and 20<sup>0</sup>C to 21<sup>0</sup>C, respectively.
- Relative humidity varied from 58% to 94%.
- Wind speed ranged from 2 to 3 kmph

### *Weather forecast valid upto 25<sup>th</sup> July 2018*

- Probability of moderate rain the coming week.
- **Max temp** is likely to be 28<sup>0</sup>C - 30<sup>0</sup>C and the **min temp** 19<sup>0</sup>C to 20<sup>0</sup>C
- **Sky is likely to be partly cloudy** the coming week
- **Relative Humidity** is likely to range from 58% to 95%.
- **Wind speed** may reach upto 3-5 kmph
- **Wind direction** will be mostly southerly

Timely field sanitation should be done for all the crops. Always use freshly prepared neem seed kernel extract. Apply pesticides only when required. Don't apply more than the recommended dose of the pesticide


### *Field crops*

Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
<b>Jhum Paddy</b>	Tillering stage	Stem borer	<i>For Jhum paddy, to produce high quality seed, rogue the fields by removing all the rice plants that clearly look different during the vegetative, flowering and grain filling stages</i>
<b>TRC/WRC paddy</b>	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>
<b>Soybean</b>	Sowing stage	-	<i>Use certified disease free seed.</i>

### *Horticultural crop*

- *Proper weeding, earthing up should be done and staking should be done for good production.*

<b>Citrus</b>	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>
---------------	-----------------------------	-----------	--

	<b>Cucurbits</b>	Flowering stage		<i>Vines are very delicate. Take care not to damage vines, which reduce the quality of fruit. Bees are essential for pollination, so be mindful when using insecticides to kill pests. If you must use, apply only in late afternoon or early evening when blossoms are closed for the day.</i>
	<b>Okra</b>	Fruiting to harvesting stage	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>Brinjal</b>		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>Ginger / turmeric</b>	Vegetative stage	Rhizome rot	<i>Proper drainage and sanitation should be maintained. Timely earthing up should be carried out.</i>
	<p style="text-align: center;"><b>Livestock</b></p> <p style="text-align: center;">Water stagnation should be avoided in livestock shed to avoid mosquito breeding. Daily provide clean and cool drinking water to the animals</p>			
	<b>Poultry</b>	<ul style="list-style-type: none"> <li>• Provide bulb in brooder house.</li> <li>• Maintain dry litter in poultry house</li> <li>• Provide lasota vaccine at 7 days and 30 days of age</li> <li>• Separate sick bird from healthy one</li> </ul>		
	<b>Piggery</b>	<ul style="list-style-type: none"> <li>• Vaccinate small piglet of one month of age against swine fever</li> <li>• Do Artificial Insemination in adult sow (pig)</li> </ul>		
	<p style="text-align: center;"><b>Fisheries</b></p>			
		<ul style="list-style-type: none"> <li>• By this month, renovation of old pond and excavation of new pond should be completed.</li> <li>• Proper inspection of work should be done for new pond</li> <li>• Adopt culture practice as per the technical advice</li> </ul> <p>If the management measures are followed accordingly, a good harvest can be expected. It is advisable to consult a fisheries expert prior to taking any management measures</p>		

## 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 21<sup>st</sup> to 25<sup>th</sup> July '18 Phek District

**Bulletin No:58/2018**

## *Weather summary of the preceding week*

- Moderate rain occurred the past week
- Maximum and minimum temperatures ranged 26<sup>0</sup>C to 31<sup>0</sup>C and 18<sup>0</sup>C to 19<sup>0</sup>C, respectively.
- Relative humidity varied from 52% to 95%.
- Wind speed ranged from 2 to 3 kmph

## *Weather forecast valid upto 25<sup>th</sup> July 2018*

- Probability of moderate rain the coming week.
- **Max temp** is likely to be 27<sup>0</sup>C - 28<sup>0</sup>C and the **min temp** 18<sup>0</sup>C to 20<sup>0</sup>C
- **Sky is likely to be cloudy** the coming week
- **Relative Humidity** is likely to range from 48% to 95%.
- **Wind speed** may reach upto 2-4 kmph  
**Wind direction** will be mostly southeasterly

Timely field sanitation should be done for all the crops. Always use freshly prepared neem seed kernel extract. Apply pesticides only when required. Don't apply more than the recommended dose of the pesticide


## *Field crops*

Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
<i>Jhum Paddy</i>	Maximum Tillering stage		<i>Daily monitoring should be done for pest and diseases</i>
<i>TRC/WRC paddy</i>	Tillering stage	Blast	<i>Scout fields for leaf blast symptoms, especially on susceptible varieties. If leaf blast is present, a preventative fungicide application should be considered.</i>
<i>Soybean</i>	Sowing stage	-	<i>Use certified disease free seed.</i>

## *Horticultural crop*

- *Proper weeding, earthing up should be done and staking should be done for good production.*

<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>
---------------	-----------------------------	-----------	--

	<b>Cucurbits</b>	Flowering stage		<i>Vines are very delicate. Take care not to damage vines, which reduce the quality of fruit. Bees are essential for pollination, so be mindful when using insecticides to kill pests. If you must use, apply only in late afternoon or early evening when blossoms are closed for the day.</i>
	<b>Okra</b>	Fruiting to harvesting stage	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>Brinjal</b>		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>Ginger / turmeric</b>	Vegetative stage	Rhizome rot	<i>Proper drainage and sanitation should be maintained. Timely earthing up should be carried out.</i>
	<b>Livestock</b> Water stagnation should be avoided in livestock shed to avoid mosquito breeding. Daily provide clean and cool drinking water to the animals			
	<b>Poultry</b>	<ul style="list-style-type: none"><li>• Provide bulb in brooder house.</li><li>• Maintain dry litter in poultry house</li><li>• Provide lasota vaccine at 7 days and 30 days of age</li><li>• Separate sick bird from healthy one</li></ul>		
	<b>Piggery</b>	<ul style="list-style-type: none"><li>• Vaccinate small piglet of one month of age against swine fever</li><li>• Do Artificial Insemination in adult sow (pig)</li></ul>		
<b>Fisheries</b>				
		<ul style="list-style-type: none"><li>• Strengthen embankment to prevent erosion due to heavy rain. Do not put lime on rainy days. Monthly application of lime at low dose not only help in maintaining the water pH of the pond but also acts as a source of calcium and disinfect the pond. Application of lime as per recommended dose depending on the pH</li><li>• Stock advance fingerling to get better production and provide feed daily. Water inlet should be covered with mesh cloth which will help in preventing entry of unwanted insects as well as unwanted predatory fishes</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 21<sup>st</sup> to 25<sup>th</sup> July '18 Tuensang District

**Bulletin No:58/2018**

<i>Weather summary of the preceding week</i>			<i>Weather forecast valid upto 25<sup>th</sup> July 2018</i>
<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 29<sup>0</sup>C and 20<sup>0</sup>C to 24<sup>0</sup>C, respectively.</li> <li>Relative humidity varied from 64% to 92%.</li> <li>Wind speed ranged from 2 to 3 kmph</li> </ul>			<ul style="list-style-type: none"> <li>Probability of heavy rain the coming week.</li> <li><b>Max temp</b> is likely to be 26<sup>0</sup>C - 27<sup>0</sup>C and the <b>min temp</b> 15<sup>0</sup>C to 17<sup>0</sup>C</li> <li><b>Sky is likely to be cloudy</b> the coming week</li> <li><b>Relative Humidity</b> is likely to range from 58% to 95%.</li> <li><b>Wind speed</b> may reach upto 2-4 kmph</li> <li><b>Wind direction</b> will be mostly south easterly</li> </ul>
Timely field sanitation should be done for all the crops. Always use freshly prepared neem seed kernel extract. Apply pesticides only when required. Don't apply more than the recommended dose of the pesticide			
<i>Field crops</i>			
Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
<i>Jhum Paddy</i>	Maximum Tillering stage		<i>Daily monitoring should be done for pest and diseases</i>
<i>TRC/WRC paddy</i>	Tillering stage	Blast	<i>Scout fields for leaf blast symptoms, especially on susceptible varieties. If leaf blast is present, a preventative fungicide application should be considered.</i>
<i>Soybean</i>	Sowing stage	-	<i>Use certified disease free seed.</i>
<i>Horticultural crop</i>			
<ul style="list-style-type: none"> <li>Proper weeding, earthing up should be done and staking should be done for good production.</li> </ul>			
<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>Cucurbits</i>	Flowering stage		<i>Vines are very delicate. Take care not to damage vines, which reduce the quality of fruit. Bees are essential for pollination, so be mindful when using insecticides to kill pests. If you must use, apply only in late afternoon or early evening when blossoms are closed for the day.</i>

	<b>Okra</b>	Fruiting to harvesting stage	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>Brinjal</b>		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>Ginger / turmeric</b>	Vegetative stage	Rhizome rot	<i>Proper drainage and sanitation should be maintained. Timely earthing up should be carried out.</i>
	<p style="text-align: center;"><b>Livestock</b></p> <p>Water stagnation should be avoided in livestock shed to avoid mosquito breeding. Daily provide clean and cool drinking water to the animals</p>			
	<b>Poultry</b>	<ul style="list-style-type: none"> <li>Provide bulb in brooder house.</li> <li>Maintain dry litter in poultry house</li> <li>Provide lasota vaccine at 7 days and 30 days of age</li> <li>Separate sick bird from healthy one</li> </ul>		
	<b>Piggery</b>	<ul style="list-style-type: none"> <li>Vaccinate small piglet of one month of age against swine fever</li> <li>Do Artificial Insemination in adult sow (pig)</li> </ul>		
	<p style="text-align: center;"><b>Fisheries</b></p>			
		<ul style="list-style-type: none"> <li>Strengthen embankment to prevent erosion due to heavy rain. Do not put lime on rainy days. Monthly application of lime at low dose not only help in maintaining the water pH of the pond but also acts as a source of calcium and disinfect the pond. Application of lime as per recommended dose depending on the pH</li> <li>Stock advance fingerling to get better production and provide feed daily. Water inlet should be covered with mesh cloth which will help in preventing entry of unwanted insects as well as unwanted predatory fishes</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 21<sup>st</sup> to 25<sup>th</sup> July '18 Wokha District

**Bulletin No:58/2018**

### *Weather summary of the preceding week*

- Moderate rain occurred the past week
- Maximum and minimum temperatures ranged 28<sup>0</sup>C to 29<sup>0</sup>C and 20<sup>0</sup>C to 21<sup>0</sup>C, respectively.
- Relative humidity varied from 55% to 91%.
- Wind speed ranged from 2 to 4 kmph

### *Weather forecast valid upto 25<sup>th</sup> July 2018*

- Probability of moderate rain the coming week.
- **Max temp** is likely to be 28<sup>0</sup>C - 30<sup>0</sup>C and the **min temp** 19<sup>0</sup>C to 20<sup>0</sup>C
- **Sky is likely to be cloudy** the coming week
- **Relative Humidity** is likely to range from 58% to 94%.
- **Wind speed** may reach upto 2- 4 kmph
- **Wind direction** will be mostly southeasterly

Timely field sanitation should be done for all the crops. Always use freshly prepared neem seed kernel extract. Apply pesticides only when required. Don't apply more than the recommended dose of the pesticide

### *Field crops*


Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
<i>Jhum Paddy</i>	Maximum Tillering stage		<i>Daily monitoring should be done for pest and diseases</i>
<i>TRC/WRC paddy</i>	Tillering stage	Blast	<i>Scout fields for leaf blast symptoms, especially on susceptible varieties. If leaf blast is present, a preventative fungicide application should be considered.</i>
<i>Soybean</i>	Sowing stage	-	<i>Use certified disease free seed.</i>

### *Horticultural crop*

- *Proper weeding, earthing up should be done and staking should be done for good production.*

<b>Citrus</b>	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>
---------------	-----------------------------	-----------	--



	<b>Cucurbits</b>	Flowering stage		<i>Vines are very delicate. Take care not to damage vines, which reduce the quality of fruit. Bees are essential for pollination, so be mindful when using insecticides to kill pests. If you must use, apply only in late afternoon or early evening when blossoms are closed for the day.</i>
	<b>Okra</b>	Fruiting to harvesting stage	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>Brinjal</b>		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>Ginger / turmeric</b>	Vegetative stage	Rhizome rot	<i>Proper drainage and sanitation should be maintained. Timely earthing up should be carried out.</i>
	<b>Livestock</b> Water stagnation should be avoided in livestock shed to avoid mosquito breeding. Daily provide clean and cool drinking water to the animals			
	<b>Poultry</b>	<ul style="list-style-type: none"><li>• Provide bulb in brooder house.</li><li>• Maintain dry litter in poultry house</li><li>• Provide lasota vaccine at 7 days and 30 days of age</li><li>• Separate sick bird from healthy one</li></ul>		
	<b>Piggery</b>	<ul style="list-style-type: none"><li>• Vaccinate small piglet of one month of age against swine fever</li><li>• Do Artificial Insemination in adult sow (pig)</li></ul>		
	<b>Fisheries</b>			
		<ul style="list-style-type: none"><li>• Strengthen embankment to prevent erosion due to heavy rain. Do not put lime on rainy days. Monthly application of lime at low dose not only help in maintaining the water pH of the pond but also acts as a source of calcium and disinfect the pond. Application of lime as per recommended dose depending on the pH</li><li>• Stock advance fingerling to get better production and provide feed daily.</li><li>• Water inlet should be covered with mesh cloth which will help in preventing entry of unwanted insects as well as unwanted predatory fishes</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 21<sup>st</sup> to 25<sup>th</sup> July '18 Zunheboto District

**Bulletin No:58/2018**

### *Weather summary of the preceding week*

- Moderate rain occurred the past week
- Maximum and minimum temperatures ranged 26<sup>0</sup>C to 27<sup>0</sup>C and 18<sup>0</sup>C to 19<sup>0</sup>C, respectively.
- Relative humidity varied from 67% to 92%.
- Wind speed ranged from 2 to 3 kmph

### *Weather forecast valid upto 25<sup>th</sup> July 2018*

- Probability of moderate rain the coming week.
- **Max temp** is likely to be 26<sup>0</sup>C - 27<sup>0</sup>C and the **min temp** 15<sup>0</sup>C to 17<sup>0</sup>C
- **Sky is likely to be cloudy** the coming week
- **Relative Humidity** is likely to range from 63% to 96%.
- **Wind speed** may reach upto 2-4 kmph
- **Wind direction** will be mostly southeasterly

Timely field sanitation should be done for all the crops. Always use freshly prepared neem seed kernel extract. Apply pesticides only when required. Don't apply more than the recommended dose of the pesticide


### *Field crops*

Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
<i>Jhum Paddy</i>	Maximum Tillering stage		<i>Daily monitoring should be done for pest and diseases</i>
<i>TRC/WRC paddy</i>	Tillering stage	Blast	<i>Scout fields for leaf blast symptoms, especially on susceptible varieties. If leaf blast is present, a preventative fungicide application should be considered.</i>
<i>Soybean</i>	Sowing stage	-	<i>Use certified disease free seed.</i>

### *Horticultural crop*

- *Proper weeding, earthing up should be done and staking should be done for good production.*

<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>Cucurbits</i>	Flowering stage		<i>Vines are very delicate. Take care not to damage vines, which reduce the quality of fruit. Bees are essential for pollination, so be mindful when using</i>

				insecticides to kill pests. If you must use, apply only in late afternoon or early evening when blossoms are closed for the day.
	<b>Okra</b>	Fruiting to harvesting stage	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>Brinjal</b>		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>Ginger / turmeric</b>	Vegetative stage	Rhizome rot	Proper drainage and sanitation should be maintained. Timely earthing up should be carried out.
	<p style="text-align: center;"><b>Livestock</b></p> <p style="text-align: center;">Water stagnation should be avoided in livestock shed to avoid mosquito breeding Daily provide clean and cool drinking water to the animals</p>			
	<b>Poultry</b>	<ul style="list-style-type: none"> <li>Provide bulb in brooder house.</li> <li>Maintain dry litter in poultry house</li> <li>Provide lasota vaccine at 7 days and 30 days of age</li> <li>Separate sick bird from healthy one</li> </ul>		
	<b>Piggery</b>	<ul style="list-style-type: none"> <li>Vaccinate small piglet of one month of age against swine fever</li> <li>Do Artificial Insemination in adult sow (pig)</li> </ul>		
<p style="text-align: center;"><b>Fisheries</b></p>				
		<ul style="list-style-type: none"> <li>Strengthen embankment to prevent erosion due to heavy rain. Do not put lime on rainy days. Monthly application of lime at low dose not only help in maintaining the water pH of the pond but also acts as a source of calcium and disinfect the pond. Application of lime as per recommended dose depending on the pH</li> <li>Stock advance fingerling to get better production and provide feed daily.</li> <li>Water inlet should be covered with mesh cloth which will help in preventing entry of unwanted insects as well as unwanted predatory fishes</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 21<sup>st</sup> to 25<sup>th</sup> July '18 Dimapur District

Bulletin No:58/2018

Weather summary of the preceding week			Weather forecast valid upto 25 <sup>th</sup> July 2018
<ul style="list-style-type: none"> <li>Light rain occurred the past week</li> <li>Maximum and minimum temperatures ranged 34<sup>0</sup>C to 35<sup>0</sup>C and 25<sup>0</sup>C to 26<sup>0</sup>C, respectively.</li> <li>Relative humidity varied from 40% to 95%.</li> <li>Wind speed ranged from 2 to 3 kmph</li> </ul>			<ul style="list-style-type: none"> <li>Probability of light rain the coming week.</li> <li><b>Max temp</b> is likely to be 32<sup>0</sup>C - 33<sup>0</sup>C and the <b>min temp</b> 25<sup>0</sup>C to 27<sup>0</sup>C</li> <li><b>Sky is likely to be partly cloudy</b> the coming week</li> <li><b>Relative Humidity</b> is likely to range from 54% to 91%.</li> <li><b>Wind speed</b> may reach upto 2- 3 kmph</li> <li><b>Wind direction</b> will be mostly southeasterly</li> </ul>
Timely field sanitation should be done for all the crops. Always use freshly prepared neem seed kernel extract. Apply pesticides only when required. Don't apply more than the recommended dose of the pesticide			
Field crops			
Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
Jhum Paddy	Tillering stage	Stem borer	For Jhum paddy, to produce high quality seed, rogue the fields by removing all the rice plants that clearly look different during the vegetative, flowering and grain filling stages
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
Soybean	Sowing stage	-	Use certified disease free seed.
Horticultural crop			
<ul style="list-style-type: none"> <li>Proper weeding, earthing up should be done and staking should be done for good production.</li> </ul>			
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>
Cucurbits	Flowering stage		Vines are very delicate. Take care not to damage vines, which reduce the quality of fruit. Bees are essential for pollination, so be mindful when using insecticides to kill pests. If you must use, apply only in late afternoon or early evening when

				<i>blossoms are closed for the day.</i>
	<b>Okra</b>	Fruiting to harvesting stage	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>Brinjal</b>		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>Ginger / turmeric</b>	Vegetative stage	Rhizome rot	<i>Proper drainage and sanitation should be maintained.</i> <i>Timely earthing up should be carried out.</i>
	<b>Livestock</b> Water stagnation should be avoided in livestock shed to avoid mosquito breeding. Daily provide clean and cool drinking water to the animals			
	<b>Poultry</b>	<ul style="list-style-type: none"><li>Provide bulb in brooder house.</li><li>Maintain dry litter in poultry house</li><li>Provide lasota vaccine at 7 days and 30 days of age</li><li>Separate sick bird from healthy one</li></ul>		
	<b>Piggery</b>	<ul style="list-style-type: none"><li>Vaccinate small piglet of one month of age against swine fever</li><li>Do Artificial Insemination in adult sow (pig)</li></ul>		
	<b>Fisheries</b>			
		<ul style="list-style-type: none"><li>Strengthen embankment to prevent erosion due to heavy rain. Do not put lime on rainy days. Monthly application of lime at low dose not only help in maintaining the water pH of the pond but also acts as a source of calcium and disinfect the pond. Application of lime as per recommended dose depending on the pH</li><li>Stock advance fingerling to get better production and provide feed daily.</li><li>Water inlet should be covered with mesh cloth which will help in preventing entry of unwanted insects as well as unwanted predatory fishes</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 21<sup>st</sup> to 25<sup>th</sup> July '18 Kiphire District

**Bulletin No:58/2018**

## Weather summary of the preceding week

- Light rain occurred the past week
- Maximum and minimum temperatures ranged 27<sup>0</sup>C to 33<sup>0</sup>C and 20<sup>0</sup>C to 23<sup>0</sup>C, respectively.
- Relative humidity varied from 47% to 95%.
- Wind speed ranged from 1 to 2 kmph

## Weather forecast valid upto 25<sup>th</sup> July 2018

- Probability of light rain the coming week.
- **Max temp** is likely to be 30<sup>0</sup>C - 32<sup>0</sup>C and the **min temp** 20<sup>0</sup>C to 21<sup>0</sup>C
- **Sky is likely to be mainly cloudy** the coming week
- **Relative Humidity** is likely to range from 56% to 95%.
- **Wind speed** may reach upto 2-4 kmph
- **Wind direction** will be mostly southeasterly

Timely field sanitation should be done for all the crops. Always use freshly prepared neem seed kernel extract. Apply pesticides only when required. Don't apply more than the recommended dose of the pesticide


## Field crops

Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
<i>Jhum Paddy</i>	Maximum Tillering stage		Daily monitoring should be done for pest and diseases
<i>TRC/WRC paddy</i>	Tillering stage	Blast	Scout fields for leaf blast symptoms, especially on susceptible varieties. If leaf blast is present, a preventative fungicide application should be considered.
<i>Soybean</i>	Sowing stage	-	Use certified disease free seed.

## Horticultural crop

- Proper weeding, earthing up should be done and staking should be done for good production.

<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>Cucurbits</i>	Flowering stage		Vines are very delicate. Take care not to damage vines, which reduce the quality of fruit. Bees are essential for pollination, so be mindful when using insecticides to kill pests. If you must use, apply only in late afternoon or early evening when blossoms are closed for the day.
<i>Okra</i>	Fruiting to	Spotted	<ul style="list-style-type: none"> <li>• In the present weather condition, spotted bollworm will be seen. The</li> </ul>

		harvesting stage	bollworm	<i>infested fruits will have a varying number of holes.</i> <ul style="list-style-type: none"><li>• <i>Remove regularly the attacked fruits and bury deep in the soil.</i></li></ul>
	<b>Brinjal</b>		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>Ginger / turmeric</b>	Vegetative stage	Rhizome rot	<i>Proper drainage and sanitation should be maintained.</i> <i>Timely earthing up should be carried out.</i>
	<b>Livestock</b> Water stagnation should be avoided in livestock shed to avoid mosquito breeding. Daily provide clean and cool drinking water to the animals			
	<b>Poultry</b>	<ul style="list-style-type: none"><li>• Provide bulb in brooder house.</li><li>• Maintain dry litter in poultry house</li><li>• Provide lasota vaccine at 7 days and 30 days of age</li><li>• Separate sick bird from healthy one</li></ul>		
	<b>Piggery</b>	<ul style="list-style-type: none"><li>• Vaccinate small piglet of one month of age against swine fever</li><li>• Do Artificial Insemination in adult sow (pig)</li></ul>		
	<b>Fisheries</b>			
		<ul style="list-style-type: none"><li>• Strengthen embankment to prevent erosion due to heavy rain. Do not put lime on rainy days. Monthly application of lime at low dose not only help in maintaining the water pH of the pond but also acts as a source of calcium and disinfect the pond. Application of lime as per recommended dose depending on the pH</li><li>• Stock advance fingerling to get better production and provide feed daily.</li><li>• Water inlet should be covered with mesh cloth which will help in preventing entry of unwanted insects as well as unwanted predatory fishes</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 21<sup>st</sup> to 25<sup>th</sup> July'18

### Kohima District

**Bulletin No:58/2018**

#### *Weather summary of the preceding week*

- Moderate rain occurred the past week
- Maximum and minimum temperatures ranged 26<sup>o</sup>C to 30<sup>o</sup>C and 18<sup>o</sup>C to 19<sup>o</sup>C, respectively.
- Relative humidity varied from 58% to 97%.
- Wind speed ranged from 2 to 3 kmph

#### *Weather forecast valid upto 25<sup>th</sup> July 2018*

- Probability of moderate rain the coming week.
- **Max temp** is likely to be 27<sup>o</sup>C - 28<sup>o</sup>C and the **min temp** 17<sup>o</sup>C to 19<sup>o</sup>C
- **Sky is likely to be cloudy** the coming week
- **Relative Humidity** is likely to range from 67% to 95%.
- **Wind speed** may reach upto 2-3 kmph
- **Wind direction** will be mostly southeasterly

Timely field sanitation should be done for all the crops. Always use freshly prepared neem seed kernel extract. Apply pesticides only when required. Don't apply more than the recommended dose of the pesticide


#### *Field crops*

Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
<i>Jhum Paddy</i>	Maximum Tillering stage		<i>Daily monitoring should be done for pest and diseases</i>
<i>TRC/WRC paddy</i>	Tillering stage	Blast	<i>Scout fields for leaf blast symptoms, especially on susceptible varieties. If leaf blast is present, a preventative fungicide application should be considered.</i>
<i>Soybean</i>	Sowing stage	-	<i>Use certified disease free seed.</i>

#### *Horticultural crop*

- *Proper weeding, earthing up should be done and staking should be done for good production.*

<b>Citrus</b>	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>
---------------	--------------------------------	-----------	--

	<b>Cucurbits</b>	Flowering stage		<i>Vines are very delicate. Take care not to damage vines, which reduce the quality of fruit. Bees are essential for pollination, so be mindful when using insecticides to kill pests. If you must use, apply only in late afternoon or early evening when blossoms are closed for the day.</i>
	<b>Okra</b>	Fruiting to harvesting stage	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>Brinjal</b>		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>Ginger / turmeric</b>	Vegetative stage	Rhizome rot	<i>Proper drainage and sanitation should be maintained. Timely earthing up should be carried out.</i>
	<b>Khasi Mandarin</b>		Leaf miner, aphids, mites, trunk borer	<i>Spray neem oil @5ml/litre water against leaf miner, aphids, mites. Shake the trees to collect adult trunk borer</i>
	<b>Livestock</b> Water stagnation should be avoided in livestock shed to avoid mosquito breeding. Daily provide clean and cool drinking water to the animals			
	<b>Poultry</b>	<ul style="list-style-type: none"><li>• Provide bulb in brooder house.</li><li>• Maintain dry litter in poultry house</li><li>• Provide lasota vaccine at 7 days and 30 days of age</li><li>• Separate sick bird from healthy one</li></ul>		
<b>Piggery</b>	<ul style="list-style-type: none"><li>• Vaccinate small piglet of one month of age against swine fever</li><li>• Do Artificial Insemination in adult sow (pig)</li></ul>			
	<b>Fisheries</b>			
		<ul style="list-style-type: none"><li>• Strengthen embankment to prevent erosion due to heavy rain. Do not put lime on rainy days. Monthly application of lime at low dose not only help in maintaining the water pH of the pond but also acts as a source of calcium and disinfect the pond. Application of lime as per recommended dose depending on the pH</li><li>• Stock advance fingerling to get better production and provide feed daily.</li><li>• Water inlet should be covered with mesh cloth which will help in preventing entry of unwanted insects as well as unwanted predatory fishes</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 21<sup>st</sup> to 25<sup>th</sup> July'18 Longleng District

**Bulletin No:58/2018**

### Weather summary of the preceding week

- Light rain occurred the past week
- Maximum and minimum temperatures ranged 27<sup>0</sup>C to 30<sup>0</sup>C and 20<sup>0</sup>C to 21<sup>0</sup>C, respectively.
- Relative humidity varied from 65% to 95%.
- Wind speed ranged from 2 to 4 kmph

### Weather forecast valid upto 25<sup>th</sup> July 2018

- Probability of moderate rain the coming week.
- **Max temp** is likely to be 26<sup>0</sup>C - 27<sup>0</sup>C and the **min temp** 15<sup>0</sup>C to 17<sup>0</sup>C
- **Sky is likely to be cloudy** the coming week
- **Relative Humidity** is likely to range from 50% to 96%.
- **Wind speed** may reach upto 3- 4 kmph
- **Wind direction** will be mostly southeasterly

Timely field sanitation should be done for all the crops. Always use freshly prepared neem seed kernel extract. Apply pesticides only when required. Don't apply more than the recommended dose of the pesticide


### Field crops

Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
<i>Jhum Paddy</i>	Maximum Tillering stage		<i>Daily monitoring should be done for pest and diseases</i>
<i>TRC/WRC paddy</i>	Tillering stage	Blast	<i>Scout fields for leaf blast symptoms, especially on susceptible varieties. If leaf blast is present, a preventative fungicide application should be considered.</i>
<i>Soybean</i>	Sowing stage	-	<i>Use certified disease free seed.</i>

### Horticultural crop

- Proper weeding, earthing up should be done and staking should be done for good production.

<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>Cucurbits</i>	Flowering stage		<i>Vines are very delicate. Take care not to damage vines, which reduce the quality of fruit. Bees are essential for pollination, so be mindful when using insecticides to kill pests. If you must use, apply only in late</i>

				<i>afternoon or early evening when blossoms are closed for the day.</i>
	<b>Okra</b>	Fruiting to harvesting stage	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>Brinjal</b>		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>Ginger / turmeric</b>	Vegetative stage	Rhizome rot	<i>Proper drainage and sanitation should be maintained. Timely earthing up should be carried out.</i>
	<p style="text-align: center;"><b><i>Livestock</i></b></p> <p style="text-align: center;">Water stagnation should be avoided in livestock shed to avoid mosquito breeding Daily provide clean and cool drinking water to the animals</p>			
	<b>Poultry</b>	<ul style="list-style-type: none"> <li>• Provide bulb in brooder house.</li> <li>• Maintain dry litter in poultry house</li> <li>• Provide lasota vaccine at 7 days and 30 days of age</li> <li>• Separate sick bird from healthy one</li> </ul>		
	<b>Piggery</b>	<ul style="list-style-type: none"> <li>• Vaccinate small piglet of one month of age against swine fever</li> <li>• Do Artificial Insemination in adult sow (pig)</li> </ul>		
	<p style="text-align: center;"><b><i>Fisheries</i></b></p>			
		<ul style="list-style-type: none"> <li>• Strengthen embankment to prevent erosion due to heavy rain. Do not put lime on rainy days. Monthly application of lime at low dose not only help in maintaining the water pH of the pond but also acts as a source of calcium and disinfect the pond. Application of lime as per recommended dose depending on the pH</li> <li>• Stock advance fingerling to get better production and provide feed daily.</li> <li>• Water inlet should be covered with mesh cloth which will help in preventing entry of unwanted insects as well as unwanted predatory fishes</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