




## Integrated Agromet Advisory Service Bulletin from 15<sup>th</sup> to 19<sup>th</sup> Aug'18 Longleng District

**Bulletin No:65/2018**

Weather summary of the preceding week			Weather forecast valid upto 19 <sup>th</sup> Aug 2018
<ul style="list-style-type: none"> <li>Light rain occurred the past week</li> <li>Maximum and minimum temperatures ranged 29<sup>0</sup>C to 31<sup>0</sup>C and 20<sup>0</sup>C to 21<sup>0</sup>C, respectively.</li> <li>Relative humidity varied from 65% to 95%.</li> <li>Wind speed ranged from 2 to 4 kmph</li> </ul>			<ul style="list-style-type: none"> <li>Probability of light rain the coming week.</li> <li><b>Max temp</b> is likely to be 30<sup>0</sup>C - 32<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 cloudy</b> the coming week</li> <li><b>Relative Humidity</b> is likely to range from 45% to 95%.</li> <li><b>Wind speed</b> may reach upto 2- 4 kmph</li> <li><b>Wind direction</b> will be mostly southeasterly</li> </ul>
In-situ rain water conservation through mulching and ex-situ moisture conservation through low cost water harvesting structure like Jalkund should be carried out.			
Field crops			
Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
<i>Jhum Paddy</i>	Panicle initiation stage	Gundhi bug	Weed sanitation and eradication of alternate hosts from rice fields and surrounding areas can help prevent the multiplication of the bug. Mechanical control measures such as smoking the field, hand-picking of adults and nymphs have also been advocated
<i>TRC/WRC paddy</i>	Stem elongation stage	Brown spot	Monitor the field against brown spot, leaves show oval shaped foliar spots with yellow halo. Severely affected field presents a reddish appearance.
<i>Soybean</i>	Vegetative stage	-	Proper earthing up should be done. Timely weeding should be done to improve crop productivity till 40 days after sowing
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>			
<i>Citrus</i>	New flush		During the month of August, Bordeaux paste should be applied on the tree trunk (upto 60cm height from ground level).
<i>Cucurbits</i>	Harvesting stage	-	Avoid injuries during harvesting and handling.
<i>Okra</i>	Fruiting to harvesting stage	Spotted bollworm	<ul style="list-style-type: none"> <li>Remove regularly the attacked fruits and bury deep in the soil.</li> <li>Harvesting should be done timely</li> </ul>

	<b>Brinjal</b>	Fruiting and harvesting stage	Shoot and fruit borer	<i>Damage is done by caterpillars by affecting the shoots and fruits which are rendered unfit for consumption. Dropping and wilting shoots indicate the presence of caterpillars in the nodes of the stem and large holes in the fruits indicate exit holes of the caterpillars, Destroy affected fruits and dropping shoots, by burning and burying, and clean culture to destroy the pupae.</i>
	<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>Fungal contamination of feed during rainy season is a common problem. Avoid transport of feed during rainy season and feed must be stored in dry place. Care must be taken to fill all the ditches in the vicinity of the poultry house which act as a breeding place for insects and mosquitoes.</li></ul>		
	<b>Piggery</b>	<ul style="list-style-type: none"><li>Precaution should be taken against <b>Japanese encephalitis, a mosquito borne disease</b>. Avoid stagnant water in and around the sty, maintain proper hygienic condition</li></ul>		
	<b>Fisheries</b>			
		<ul style="list-style-type: none"><li>Due to heavy rainfall and muddy water influx from the surrounding areas, the ponds may result in reduction of dissolved oxygen. Stir the water with a bamboo pole as it will help in increasing the oxygen and protect the fishes from suffocation</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 15<sup>th</sup> to 19<sup>th</sup> Aug'18 Mokokchung District

Bulletin No:65/2018

Weather summary of the preceding week			Weather forecast valid upto 19 <sup>th</sup> Aug 2018
<ul style="list-style-type: none"> <li>Light 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> 22<sup>0</sup>C to 23<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 49% to 95%.</li> <li><b>Wind speed</b> may reach upto 2- 4 kmph</li> <li><b>Wind direction</b> will be mostly southeasterly</li> </ul>
In-situ rain water conservation through mulching and ex-situ moisture conservation through low cost water harvesting structure like Jalkund should be carried out.			
Field crops			
Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
<i>Jhum Paddy</i>	Panicle initiation stage	Gundhi bug	Weed sanitation and eradication of alternate hosts from rice fields and surrounding areas can help prevent the multiplication of the bug. Mechanical control measures such as smoking the field, hand-picking of adults and nymphs have also been advocated
<i>TRC/WRC paddy</i>	Stem elongation stage	Brown spot	Monitor the field against brown spot, leaves show oval shaped foliar spots with yellow halo. Severely affected field presents a reddish appearance.
<i>Soybean</i>	Vegetative stage	-	Proper earthing up should be done. Timely weeding should be done to improve crop productivity till 40 days after sowing
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>			
<i>Citrus</i>	New flush		During the month of August, Bordeaux paste should be applied on the tree trunk (upto 60cm height from ground level).
<i>Cucurbits</i>	Harvesting stage	-	Avoid injuries during harvesting and handling.
<i>Okra</i>	Fruiting to harvesting stage	Spotted bollworm	<ul style="list-style-type: none"> <li>Remove regularly the attacked fruits and bury deep in the soil.</li> <li>Harvesting should be done timely</li> </ul>
<i>Brinjal</i>	Fruiting and	Shoot and	Damage is done by caterpillars by affecting the shoots and fruits which are

	harvesting stage	fruit borer	<i>rendered unfit for consumption. Dropping and wilting shoots indicate the presence of caterpillars in the nodes of the stem and large holes in the fruits indicate exit holes of the caterpillars, Destroy affected fruits and dropping shoots, by burning and burying, and clean culture to destroy the pupae.</i>
<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>Fungal contamination of feed during rainy season is a common problem. Avoid transport of feed during rainy season and feed must be stored in dry place. Care must be taken to fill all the ditches in the vicinity of the poultry house which act as a breeding place for insects and mosquitoes.</li></ul>		
<b>Piggery</b>	<ul style="list-style-type: none"><li>Precaution should be taken against <b>Japanese encephalitis, a mosquito borne disease</b>. Avoid stagnant water in and around the sty, maintain proper hygienic condition</li></ul>		
<b>Fisheries</b>			
	<ul style="list-style-type: none"><li>Due to heavy rainfall and muddy water influx from the surrounding areas, the ponds may result in reduction of dissolved oxygen. Stir the water with a bamboo pole as it will help in increasing the oxygen and protect the fishes from suffocation</li></ul>		



## SCIENTIFIC EXPERT COMMITTEE

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



# Integrated Agromet Advisory Service Bulletin from 15<sup>th</sup> to 19<sup>th</sup> Aug'18 Mon District

Bulletin No:65/2018

## 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 19<sup>th</sup> Aug 2018

- Probability of moderate rain the coming week.
- **Max temp** is likely to be 29<sup>0</sup>C - 30<sup>0</sup>C and the **min temp** 21<sup>0</sup>C to 22<sup>0</sup>C
- **Sky is likely to be cloudy** the coming week
- **Relative Humidity** is likely to range from 43% to 91%.
- **Wind speed** may reach upto 3- 4 kmph
- **Wind direction** will be mostly southerly

In-situ rain water conservation through mulching and ex-situ moisture conservation through low cost water harvesting structure like Jalkund should be carried out.

## Field crops

Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
<i>Jhum Paddy</i>	Panicle initiation stage	Gundhi bug	Weed sanitation and eradication of alternate hosts from rice fields and surrounding areas can help prevent the multiplication of the bug. Mechanical control measures such as smoking the field, hand-picking of adults and nymphs have also been advocated
<i>TRC/WRC paddy</i>	Stem elongation stage	Brown spot	Monitor the field against brown spot, leaves show oval shaped foliar spots with yellow halo. Severely affected field presents a reddish appearance.
<i>Soybean</i>	Vegetative stage	-	Proper earthing up should be done. Timely weeding should be done to improve crop productivity till 40 days after sowing

<b>Horticultural crop</b> <i>Proper weeding, earthing up should be done and staking should be done for good production.</i>			
<b>Citrus</b>	New flush		<i>During the month of August, Bordeaux paste should be applied on the tree trunk (upto 60cm height from ground level).</i>
<b>Cucurbits</b>	Harvesting stage	-	<i>Avoid injuries during harvesting and handling.</i>
<b>Okra</b>	Fruiting to harvesting stage	Spotted bollworm	<ul style="list-style-type: none"> <li>• <i>Remove regularly the attacked fruits and bury deep in the soil.</i></li> <li>• <i>Harvesting should be done timely</i></li> </ul>
<b>Brinjal</b>	Fruiting and harvesting stage	Shoot and fruit borer	<i>Damage is done by caterpillars by affecting the shoots and fruits which are rendered unfit for consumption.</i> <i>Dropping and wilting shoots indicate the presence of caterpillars in the nodes of the stem and large holes in the fruits indicate exit holes of the caterpillars,</i> <i>Destroy affected fruits and dropping shoots, by burning and burying, and clean culture to destroy the pupae.</i>
<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>			
<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>• Fungal contamination of feed during rainy season is a common problem. Avoid transport of feed during rainy season and feed must be stored in dry place. Care must be taken to fill all the ditches in the vicinity of the poultry house which act as a breeding place for insects and mosquitoes.</li> </ul>		
<b>Piggery</b>	<ul style="list-style-type: none"> <li>• Precaution should be taken against <b>Japanese encephalitis, a mosquito borne disease</b>. Avoid stagnant water in and around the sty, maintain proper hygienic condition</li> </ul>		
<b>Fisheries</b>			
	<ul style="list-style-type: none"> <li>• Due to heavy rainfall and muddy water influx from the surrounding areas, the ponds may result in reduction of dissolved oxygen. Stir the water with a bamboo pole as it will help in increasing the oxygen and protect the fishes from suffocation</li> </ul>		



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## Integrated Agromet Advisory Service Bulletin from 15<sup>th</sup> to 19<sup>th</sup> Aug'18 Peren District

**Bulletin No:65/2018**

### *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 58% to 94%.
- Wind speed ranged from 2 to 3 kmph

### *Weather forecast valid upto 19<sup>th</sup> Aug 2018*

- Probability of Light rain the coming week.
- **Max temp** is likely to be 29<sup>0</sup>C - 30<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 46% to 96%.
- **Wind speed** may reach upto 2-3 kmph
- **Wind direction** will be mostly southeasterly

In-situ rain water conservation through mulching and ex-situ moisture conservation through low cost water harvesting structure like Jalkund should be carried out.


### *Field crops*

Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
<b>Jhum Paddy</b>	Panicle initiation stage	Gundhi bug	Weed sanitation and eradication of alternate hosts from rice fields and surrounding areas can help prevent the multiplication of the bug. Mechanical control measures such as smoking the field, hand-picking of adults and nymphs have also been advocated
<b>TRC/WRC paddy</b>	Stem elongation stage	Brown spot	Monitor the field against brown spot, leaves show oval shaped foliar spots with yellow halo. Severely affected field presents a reddish appearance.
<b>Soybean</b>	Vegetative stage	-	Proper earthing up should be done. Timely weeding should be done to improve crop productivity till 40 days after sowing

### *Horticultural crop*

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

<b>Citrus</b>	New flush		During the month of August, Bordeaux paste should be applied on the tree trunk (upto 60cm height from ground level).
<b>Cucurbits</b>	Harvesting stage	-	Avoid injuries during harvesting and handling.

	<b>Okra</b>	Fruiting to harvesting stage	Spotted bollworm	<ul style="list-style-type: none"><li>Remove regularly the attacked fruits and bury deep in the soil.</li><li>Harvesting should be done timely</li></ul>
	<b>Brinjal</b>	Fruiting and harvesting stage	Shoot and fruit borer	<i>Damage is done by caterpillars by affecting the shoots and fruits which are rendered unfit for consumption.</i> <i>Dropping and wilting shoots indicate the presence of caterpillars in the nodes of the stem and large holes in the fruits indicate exit holes of the caterpillars, Destroy affected fruits and dropping shoots, by burning and burying, and clean culture to destroy the pupae.</i>
	<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>Fungal contamination of feed during rainy season is a common problem. Avoid transport of feed during rainy season and feed must be stored in dry place. Care must be taken to fill all the ditches in the vicinity of the poultry house which act as a breeding place for insects and mosquitoes.</li></ul>		
	<b>Piggery</b>	<ul style="list-style-type: none"><li>Precaution should be taken against <b>Japanese encephalitis, a mosquito borne disease</b>. Avoid stagnant water in and around the sty, maintain proper hygienic condition</li></ul>		
<b>Fisheries</b>				
		Due to heavy rainfall and muddy water influx from the surrounding areas, the ponds may result in reduction of dissolved oxygen. Stir the water with a bamboo pole as it will help in increasing the oxygen and protect the fishes from suffocation		

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# Integrated Agromet Advisory Service Bulletin from 15<sup>th</sup> to 19<sup>th</sup> Aug'18 Phek District

**Bulletin No:65/2018**

## *Weather summary of the preceding week*

- Light 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 19<sup>th</sup> Aug 2018*

- Probability of moderate rain the coming week.
- **Max temp** is likely to be 28<sup>0</sup>C - 29<sup>0</sup>C and the **min temp** 19<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 45% to 95%.
- **Wind speed** may reach upto 2-3 kmph  
**Wind direction** will be mostly southeasterly

In-situ rain water conservation through mulching and ex-situ moisture conservation through low cost water harvesting structure like Jalkund should be carried out.


## *Field crops*

Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
<i>Jhum Paddy</i>	Panicle initiation stage	Gundhi bug	<i>Weed sanitation and eradication of alternate hosts from rice fields and surrounding areas can help prevent the multiplication of the bug. Mechanical control measures such as smoking the field, hand-picking of adults and nymphs have also been advocated</i>
<i>TRC/WRC paddy</i>	Stem elongation stage	Brown spot	<i>Monitor the field against brown spot, leaves show oval shaped foliar spots with yellow halo. Severely affected field presents a reddish appearance.</i>
<i>Soybean</i>	Vegetative stage	-	<i>Proper earthing up should be done. Timely weeding should be done to improve crop productivity till 40 days after sowing</i>

## *Horticultural crop*

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

<i>Citrus</i>	New flush		<i>During the month of August, Bordeaux paste should be applied on the tree trunk (upto 60cm height from ground level).</i>
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	<b>Cucurbits</b>	Harvesting stage	-	<i>Avoid injuries during harvesting and handling.</i>
	<b>Okra</b>	Fruiting to harvesting stage	Spotted bollworm	<ul style="list-style-type: none"> <li>• <i>Remove regularly the attacked fruits and bury deep in the soil.</i></li> <li>• <i>Harvesting should be done timely</i></li> </ul>
	<b>Brinjal</b>	Fruiting and harvesting stage	Shoot and fruit borer	<i>Damage is done by caterpillars by affecting the shoots and fruits which are rendered unfit for consumption.</i> <i>Dropping and wilting shoots indicate the presence of caterpillars in the nodes of the stem and large holes in the fruits indicate exit holes of the caterpillars,</i> <i>Destroy affected fruits and dropping shoots, by burning and burying, and clean culture to destroy the pupae.</i>
	<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>
	<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>• Fungal contamination of feed during rainy season is a common problem. Avoid transport of feed during rainy season and feed must be stored in dry place. Care must be taken to fill all the ditches in the vicinity of the poultry house which act as a breeding place for insects and mosquitoes.</li> </ul>		
	<b>Piggery</b>	<ul style="list-style-type: none"> <li>• Precaution should be taken against <b>Japanese encephalitis, a mosquito borne disease</b>. Avoid stagnant water in and around the sty, maintain proper hygienic condition</li> </ul>		
	<p style="text-align: center;"><b><i>Fisheries</i></b></p>			
			<p>Due to heavy rainfall and muddy water influx from the surrounding areas, the ponds may result in reduction of dissolved oxygen. Stir the water with a bamboo pole as it will help in increasing the oxygen and protect the fishes from suffocation</p>	

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## Integrated Agromet Advisory Service Bulletin from 15<sup>th</sup> to 19<sup>th</sup> Aug'18 Tuensang District

Bulletin No:65/2018

Weather summary of the preceding week			Weather forecast valid upto 19 <sup>th</sup> Aug 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 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 moderate rain the coming week.</li> <li><b>Max temp</b> is likely to be 26<sup>0</sup>C - 28<sup>0</sup>C and the <b>min temp</b> 17<sup>0</sup>C to 19<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 95%.</li> <li><b>Wind speed</b> may reach upto 2-3 kmph</li> <li><b>Wind direction</b> will be mostly southerly</li> </ul>
In-situ rain water conservation through mulching and ex-situ moisture conservation through low cost water harvesting structure like Jalkund should be carried out.			
Field crops			
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<i>TRC/WRC paddy</i>	Stem elongation stage	Brown spot	Monitor the field against brown spot, leaves show oval shaped foliar spots with yellow halo. Severely affected field presents a reddish appearance.
<i>Soybean</i>	Vegetative stage	-	Proper earthing up should be done. Timely weeding should be done to improve crop productivity till 40 days after sowing
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>			
<i>Citrus</i>	New flush		During the month of August, Bordeaux paste should be applied on the tree trunk (upto 60cm height from ground level).
<i>Cucurbits</i>	Harvesting stage	-	Avoid injuries during harvesting and handling.
<i>Okra</i>	Fruiting to harvesting stage	Spotted bollworm	<ul style="list-style-type: none"> <li>Remove regularly the attacked fruits and bury deep in the soil.</li> <li>Harvesting should be done timely</li> </ul>



	<b>Brinjal</b>	Fruiting and harvesting stage	Shoot and fruit borer	<i>Damage is done by caterpillars by affecting the shoots and fruits which are rendered unfit for consumption. Dropping and wilting shoots indicate the presence of caterpillars in the nodes of the stem and large holes in the fruits indicate exit holes of the caterpillars, Destroy affected fruits and dropping shoots, by burning and burying, and clean culture to destroy the pupae.</i>
	<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>Fungal contamination of feed during rainy season is a common problem. Avoid transport of feed during rainy season and feed must be stored in dry place. Care must be taken to fill all the ditches in the vicinity of the poultry house which act as a breeding place for insects and mosquitoes.</li></ul>		
	<b>Piggery</b>	<ul style="list-style-type: none"><li>Precaution should be taken against <b>Japanese encephalitis, a mosquito borne disease</b>. Avoid stagnant water in and around the sty, maintain proper hygienic condition</li></ul>		
	<b>Fisheries</b>			
		Due to heavy rainfall and muddy water influx from the surrounding areas, the ponds may result in reduction of dissolved oxygen. Stir the water with a bamboo pole as it will help in increasing the oxygen and protect the fishes from suffocation		

## 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 15<sup>th</sup> to 19<sup>th</sup> Aug'18 Wokha District

**Bulletin No:65/2018**

### *Weather summary of the preceding week*

- Light 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 19<sup>th</sup> Aug 2018*

- Probability of light rain the coming week.
- **Max temp** is likely to be 29<sup>0</sup>C - 30<sup>0</sup>C and the **min temp** 21<sup>0</sup>C to 22<sup>0</sup>C
- **Sky is likely to be cloudy** the coming week
- **Relative Humidity** is likely to range from 46% to 97%.
- **Wind speed** may reach upto 2- 4 kmph
- **Wind direction** will be southeasterly

In-situ rain water conservation through mulching and ex-situ moisture conservation through low cost water harvesting structure like Jalkund should be carried out.


### *Field crops*

Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
<i>Jhum Paddy</i>	Panicle initiation stage	Gundhi bug	Weed sanitation and eradication of alternate hosts from rice fields and surrounding areas can help prevent the multiplication of the bug. Mechanical control measures such as smoking the field, hand-picking of adults and nymphs have also been advocated
<i>TRC/WRC paddy</i>	Stem elongation stage	Brown spot	Monitor the field against brown spot, leaves show oval shaped foliar spots with yellow halo. Severely affected field presents a reddish appearance.
<i>Soybean</i>	Vegetative stage	-	Proper earthing up should be done. Timely weeding should be done to improve crop productivity till 40 days after sowing

### *Horticultural crop*

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

<i>Citrus</i>	New flush		During the month of August, Bordeaux paste should be applied on the tree trunk (upto 60cm height from ground level).
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	<b>Cucurbits</b>	Harvesting stage	-	<i>Avoid injuries during harvesting and handling.</i>
	<b>Okra</b>	Fruiting to harvesting stage	Spotted bollworm	<ul style="list-style-type: none"><li>• <i>Remove regularly the attacked fruits and bury deep in the soil.</i></li><li>• <i>Harvesting should be done timely</i></li></ul>
	<b>Brinjal</b>	Fruiting and harvesting stage	Shoot and fruit borer	<i>Damage is done by caterpillars by affecting the shoots and fruits which are rendered unfit for consumption.</i> <i>Dropping and wilting shoots indicate the presence of caterpillars in the nodes of the stem and large holes in the fruits indicate exit holes of the caterpillars,</i> <i>Destroy affected fruits and dropping shoots, by burning and burying, and clean culture to destroy the pupae.</i>
	<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><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			
	<b>Poultry</b>	<ul style="list-style-type: none"><li>• Fungal contamination of feed during rainy season is a common problem. Avoid transport of feed during rainy season and feed must be stored in dry place. Care must be taken to fill all the ditches in the vicinity of the poultry house which act as a breeding place for insects and mosquitoes.</li></ul>		
	<b>Piggery</b>	<ul style="list-style-type: none"><li>• Precaution should be taken against <b>Japanese encephalitis, a mosquito borne disease</b>. Avoid stagnant water in and around the sty, maintain proper hygienic condition</li></ul>		
<b><i>Fisheries</i></b>				
	<ul style="list-style-type: none"><li>• Due to heavy rainfall and muddy water influx from the surrounding areas, the ponds may result in reduction of dissolved oxygen. Stir the water with a bamboo pole as it will help in increasing the oxygen and protect the fishes from suffocation</li></ul>			

## SCIENTIFIC EXPERT COMMITTEE

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





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## Integrated Agromet Advisory Service Bulletin from 15<sup>th</sup> to 19<sup>th</sup> Aug'18 Zunheboto District

**Bulletin No:65/2018**

### *Weather summary of the preceding week*

- Light rain occurred the past week
- Maximum and minimum temperatures ranged 27<sup>0</sup>C to 29<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 19<sup>th</sup> Aug 2018*

- Probability of moderate rain the coming week.
- **Max temp** is likely to be 29<sup>0</sup>C - 30<sup>0</sup>C and the **min temp** 21<sup>0</sup>C to 22<sup>0</sup>C
- **Sky is likely to be cloudy** the coming week
- **Relative Humidity** is likely to range from 74% to 94%.
- **Wind speed** may reach upto 3- 4 kmph
- **Wind direction** will be southerly

In-situ rain water conservation through mulching and ex-situ moisture conservation through low cost water harvesting structure like Jalkund should be carried out.

### *Field crops*


Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
<i>Jhum Paddy</i>	Panicle initiation stage	Gundhi bug	Weed sanitation and eradication of alternate hosts from rice fields and surrounding areas can help prevent the multiplication of the bug. Mechanical control measures such as smoking the field, hand-picking of adults and nymphs have also been advocated
<i>TRC/WRC paddy</i>	Stem elongation stage	Brown spot	Monitor the field against brown spot, leaves show oval shaped foliar spots with yellow halo. Severely affected field presents a reddish appearance.
<i>Soybean</i>	Vegetative stage	-	Proper earthing up should be done. Timely weeding should be done to improve crop productivity till 40 days after sowing

### *Horticultural crop*

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

<i>Citrus</i>	New flush		During the month of August, Bordeaux paste should be applied on the tree trunk (upto 60cm height from ground level).
<i>Cucurbits</i>	Harvesting stage	-	Avoid injuries during harvesting and handling.



	<b>Okra</b>	Fruiting to harvesting stage	Spotted bollworm	<ul style="list-style-type: none"><li>Remove regularly the attacked fruits and bury deep in the soil.</li><li>Harvesting should be done timely</li></ul>
	<b>Brinjal</b>	Fruiting and harvesting stage	Shoot and fruit borer	<i>Damage is done by caterpillars by affecting the shoots and fruits which are rendered unfit for consumption.</i> <i>Dropping and wilting shoots indicate the presence of caterpillars in the nodes of the stem and large holes in the fruits indicate exit holes of the caterpillars, Destroy affected fruits and dropping shoots, by burning and burying, and clean culture to destroy the pupae.</i>
	<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>Fungal contamination of feed during rainy season is a common problem. Avoid transport of feed during rainy season and feed must be stored in dry place. Care must be taken to fill all the ditches in the vicinity of the poultry house which act as a breeding place for insects and mosquitoes.</li></ul>		
<b>Piggery</b>	<ul style="list-style-type: none"><li>Precaution should be taken against <b>Japanese encephalitis, a mosquito borne disease</b>. Avoid stagnant water in and around the sty, maintain proper hygienic condition</li></ul>			
<b>Fisheries</b>				
		<ul style="list-style-type: none"><li>Due to heavy rainfall and muddy water influx from the surrounding areas, the ponds may result in reduction of dissolved oxygen. Stir the water with a bamboo pole as it will help in increasing the oxygen and protect the fishes from suffocation</li></ul>		

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# Integrated Agromet Advisory Service Bulletin from 15<sup>th</sup> to 19<sup>th</sup> Aug'18 Dimapur District

Bulletin No:65/2018

Weather summary of the preceding week			Weather forecast valid upto 19 <sup>th</sup> Aug 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 24<sup>0</sup>C to 25<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 31<sup>0</sup>C - 33<sup>0</sup>C and the <b>min temp</b> 25<sup>0</sup>C to 26<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 44% to 95%.</li> <li><b>Wind speed</b> may reach upto 3- 5 kmph</li> <li><b>Wind direction</b> will be mostly southeasterly</li> </ul>
In-situ rain water conservation through mulching and ex-situ moisture conservation through low cost water harvesting structure like Jalkund should be carried out.			
Field crops			
Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
Jhum Paddy	Panicle initiation stage	Gundhi bug	Weed sanitation and eradication of alternate hosts from rice fields and surrounding areas can help prevent the multiplication of the bug. Mechanical control measures such as smoking the field, hand-picking of adults and nymphs have also been advocated
TRC/WRC paddy	Stem elongation stage	Brown spot	Monitor the field against brown spot, leaves show oval shaped foliar spots with yellow halo. Severely affected field presents a reddish appearance.
Soybean	Vegetative stage	-	Proper earthing up should be done. Timely weeding should be done to improve crop productivity till 40 days after sowing
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	New flush		During the month of August, Bordeaux paste should be applied on the tree trunk (upto 60cm height from ground level).
Cucurbits	Harvesting stage	-	Avoid injuries during harvesting and handling.
Okra	Fruiting to harvesting stage	Spotted bollworm	<ul style="list-style-type: none"> <li>Remove regularly the attacked fruits and bury deep in the soil.</li> <li>Harvesting should be done timely</li> </ul>

	<b>Brinjal</b>	Fruiting and harvesting stage	Shoot and fruit borer	<i>Damage is done by caterpillars by affecting the shoots and fruits which are rendered unfit for consumption. Dropping and wilting shoots indicate the presence of caterpillars in the nodes of the stem and large holes in the fruits indicate exit holes of the caterpillars, Destroy affected fruits and dropping shoots, by burning and burying, and clean culture to destroy the pupae.</i>
	<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>Fungal contamination of feed during rainy season is a common problem. Avoid transport of feed during rainy season and feed must be stored in dry place. Care must be taken to fill all the ditches in the vicinity of the poultry house which act as a breeding place for insects and mosquitoes.</li></ul>		
	<b>Piggery</b>	<ul style="list-style-type: none"><li>Precaution should be taken against <b>Japanese encephalitis, a mosquito borne disease</b>. Avoid stagnant water in and around the sty, maintain proper hygienic condition</li></ul>		
	<b>Fisheries</b>			
		<ul style="list-style-type: none"><li>Due to heavy rainfall and muddy water influx from the surrounding areas, the ponds may result in reduction of dissolved oxygen. Stir the water with a bamboo pole as it will help in increasing the oxygen and protect the fishes from suffocation</li></ul>		

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



# Integrated Agromet Advisory Service Bulletin from 15<sup>th</sup> to 19<sup>th</sup> Aug'18 Kiphire District

**Bulletin No:65/2018**

## Weather summary of the preceding week

- Moderate 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 19<sup>th</sup> Aug 2018

- Probability of moderate rain the coming week.
- **Max temp** is likely to be 30<sup>0</sup>C - 32<sup>0</sup>C and the **min temp** 22<sup>0</sup>C to 23<sup>0</sup>C
- **Sky is likely to be mainly cloudy** the coming week
- **Relative Humidity** is likely to range from 53% to 95%.
- **Wind speed** may reach upto 1-2 kmph
- **Wind direction** will be mostly southeasterly

In-situ rain water conservation through mulching and ex-situ moisture conservation through low cost water harvesting structure like Jalkund should be carried out.


## Field crops

Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
<i>Jhum Paddy</i>	Panicle initiation stage	Gundhi bug	Weed sanitation and eradication of alternate hosts from rice fields and surrounding areas can help prevent the multiplication of the bug. Mechanical control measures such as smoking the field, hand-picking of adults and nymphs have also been advocated
<i>TRC/WRC paddy</i>	Stem elongation stage	Brown spot	Monitor the field against brown spot, leaves show oval shaped foliar spots with yellow halo. Severely affected field presents a reddish appearance.
<i>Soybean</i>	Vegetative stage	-	Proper earthing up should be done. Timely weeding should be done to improve crop productivity till 40 days after sowing

## Horticultural crop

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

<i>Citrus</i>	New flush		During the month of August, Bordeaux paste should be applied on the tree trunk (upto 60cm height from ground level).
<i>Cucurbits</i>	Harvesting stage	-	Avoid injuries during harvesting and handling.
<i>Okra</i>	Fruiting to harvesting stage	Spotted bollworm	<ul style="list-style-type: none"> <li>• Remove regularly the attacked fruits and bury deep in the soil.</li> <li>• Harvesting should be done timely</li> </ul>

	<b>Brinjal</b>	Fruiting and harvesting stage	Shoot and fruit borer	<i>Damage is done by caterpillars by affecting the shoots and fruits which are rendered unfit for consumption. Dropping and wilting shoots indicate the presence of caterpillars in the nodes of the stem and large holes in the fruits indicate exit holes of the caterpillars, Destroy affected fruits and dropping shoots, by burning and burying, and clean culture to destroy the pupae.</i>
	<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>Fungal contamination of feed during rainy season is a common problem. Avoid transport of feed during rainy season and feed must be stored in dry place. Care must be taken to fill all the ditches in the vicinity of the poultry house which act as a breeding place for insects and mosquitoes.</li></ul>		
	<b>Piggery</b>	<ul style="list-style-type: none"><li>Precaution should be taken against <b>Japanese encephalitis, a mosquito borne disease</b>. Avoid stagnant water in and around the sty, maintain proper hygienic condition</li></ul>		
	<b>Fisheries</b>			
		<ul style="list-style-type: none"><li>Due to heavy rainfall and muddy water influx from the surrounding areas, the ponds may result in reduction of dissolved oxygen. Stir the water with a bamboo pole as it will help in increasing the oxygen and protect the fishes from suffocation</li></ul>		



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# Integrated Agromet Advisory Service Bulletin from 15<sup>th</sup> to 19<sup>th</sup> Aug'18 Kohima District

Bulletin No:65/2018

## Weather summary of the preceding week

- Light rain occurred the past week
- Maximum and minimum temperatures ranged 26<sup>o</sup>C to 28<sup>o</sup>C and 19<sup>o</sup>C to 21<sup>o</sup>C, respectively.
- Relative humidity varied from 58% to 97%.
- Wind speed ranged from 2 to 3 kmph

## Weather forecast valid upto 19<sup>th</sup> Aug 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** 19<sup>o</sup>C to 20<sup>o</sup>C
- **Sky is likely to be mainly cloudy** the coming week
- **Relative Humidity** is likely to range from 45% to 96%.
- **Wind speed** may reach upto 3-4 kmph  
**Wind direction** will be mostly southeasterly

In-situ rain water conservation through mulching and ex-situ moisture conservation through low cost water harvesting structure like Jalkund should be carried out.


## Field crops

Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
<i>Jhum Paddy</i>	Panicle initiation stage	Gundhi bug	Weed sanitation and eradication of alternate hosts from rice fields and surrounding areas can help prevent the multiplication of the bug. Mechanical control measures such as smoking the field, hand-picking of adults and nymphs have also been advocated
<i>TRC/WRC paddy</i>	Stem elongation stage	Brown spot	Monitor the field against brown spot, leaves show oval shaped foliar spots with yellow halo. Severely affected field presents a reddish appearance.
<i>Soybean</i>	Vegetative stage	-	Proper earthing up should be done. Timely weeding should be done to improve crop productivity till 40 days after sowing

## Horticultural crop

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

<i>Citrus</i>	New flush		During the month of August, Bordeaux paste should be applied on the tree trunk (upto 60cm height from ground level).
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	<b>Cucurbits</b>	Harvesting stage	-	<i>Avoid injuries during harvesting and handling.</i>
	<b>Okra</b>	Fruiting to harvesting stage	Spotted bollworm	<ul style="list-style-type: none"> <li>• <i>Remove regularly the attacked fruits and bury deep in the soil.</i></li> <li>• <i>Harvesting should be done timely</i></li> </ul>
	<b>Brinjal</b>	Fruiting and harvesting stage	Shoot and fruit borer	<i>Damage is done by caterpillars by affecting the shoots and fruits which are rendered unfit for consumption.</i> <i>Dropping and wilting shoots indicate the presence of caterpillars in the nodes of the stem and large holes in the fruits indicate exit holes of the caterpillars,</i> <i>Destroy affected fruits and dropping shoots, by burning and burying, and clean culture to destroy the pupae.</i>
	<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>Khasi Mandarin</b>	New flush		<i>During the month of August, Bordeaux paste should be applied on the tree trunk (upto 60cm height from ground level).</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>• Fungal contamination of feed during rainy season is a common problem. Avoid transport of feed during rainy season and feed must be stored in dry place. Care must be taken to fill all the ditches in the vicinity of the poultry house which act as a breeding place for insects and mosquitoes.</li> </ul>		
	<b>Piggery</b>	<ul style="list-style-type: none"> <li>• Precaution should be taken against <b>Japanese encephalitis, a mosquito borne disease</b>. Avoid stagnant water in and around the sty, maintain proper hygienic condition</li> </ul>		
	<p style="text-align: center;"><b><i>Fisheries</i></b></p>			
		<ul style="list-style-type: none"> <li>• Due to heavy rainfall and muddy water influx from the surrounding areas, the ponds may result in reduction of dissolved oxygen. Stir the water with a bamboo pole as it will help in increasing the oxygen and protect the fishes from suffocation</li> </ul>		

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