

## 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
■ Light rain occurred the past week	■ Probability of light rain the coming week.
■ Maximum and minimum temperatures ranged 29 <sup>o</sup> C	■ Max temp is likely to be $30^{\circ}$ C - $32^{\circ}$ C and the min temp $22^{\circ}$ C to $23^{\circ}$ C
to 31°C and 20°C to 21°C, respectively.	Sky is likely to be cloudy the coming week
■ Relative humidity varied from 65% to 95%.	■ Relative Humidity is likely to range from 45% to 95%.
<ul><li>Wind speed ranged from 2 to 4 kmph</li></ul>	■ Wind speed may reach upto 2-4 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

r teta crops					
Main	Stage	Pest/	Agro-meteorological Advisories		
Crops		Diseases			
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		
77					

### **Horticultural crop**Proper weeding, earthing up should be done and staking should be done for good production

• Froper	• Froper weeding, earlning up should be done and staking should be done for good production.			
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> <li>Remove regularly the attacked fruits and bury deep in the soil.</li> <li>Harvesting should be done timely</li> </ul>	

	Brinjal	Fruiting and harvesting stage	Shoot and fruit borer	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.
	Ginger / turmeric	Vegetative stage	Rhizome rot	Proper drainage and sanitation should be maintained. Timely earthing up should be carried out.
	Livestock  Water stagnation should be avoided in livestock shed to avoid mosquito breeding  Daily provide clean and cool drinking water to the animals			
	• Fungal contamination of feed during rainy season is a common problem. Avoid transport of f during rainy season and feed must be stored in dry place. Care must be taken to fill all the ditche the vicinity of the poultry house which act as a breeding place for insects and mosquitoes.			ed must be stored in dry place. Care must be taken to fill all the ditches in
	Piggery	<ul> <li>Precaution should be taken against Japanese encephalitis, a mosquito borne disease. Avoid stagn water in and around the sty, maintain proper hygienic condition</li> </ul>		
	Fisheries			
нрэнц ICAR		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		

Sl.no	Name	Designation	Department	
1	Dr.D.J. Rajkhowa	Principle Scientist	Agronomy	djrajkhowa@gmail.com
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5	Dr. Mahak Singh	Scientist	Animal Reproduction & Gynaecology	mahaksinghivri@gmail.com
	Dr. Azeze Seyie	Scientist	Spices, Plantation & Medicinal &	
6			Aromatic Plants	azezeseyie@yahoo.com
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# Integrated Agromet Advisory Service Bulletin from 15<sup>th</sup> to 19<sup>th</sup> Aug'18 Mokokchung District

#### **Bulletin No:65/2018**

Dulletiii 140.03/2010		
Weather summary of the preceding week	Weather forecast valid upto 19 <sup>th</sup> Aug 2018	
Light rain occurred the past week	■ Probability of moderate rain the coming week.	
■ Maximum and minimum temperatures ranged	■ Max temp is likely to be 30°C - 32°C and the min temp 22°C to 23°C	
$27^{0}$ C to $32^{0}$ C and $20^{0}$ C to $21^{0}$ C, respectively.	■ Sky is likely to be cloudy the coming week	
Relative humidity varied from 59% to 93%.	■ Relative Humidity is likely to range from 49% to 95%.	
■ Wind speed ranged from 2 to 4 kmph	■ Wind speed may reach upto 2- 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		

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

Main	Stage	Pest/	Agro-meteorological Advisories
Crops		Diseases	
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

			1101 iicumurui crop	
• <i>Prop</i>	Proper weeding, earthing up should be done and staking should be done for good production.			
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	Spotted	Remove regularly the attacked fruits and bury deep in the soil.	
	harvesting stage	bollworm		
			· ·	
Brinjal	Fruiting and	Shoot and	Damage is done by caterpillars by affecting the shoots and fruits which are	
	harvesting stage	bollworm	Harvesting should be done timely	

	harvesting stage	fruit borer	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.	
Ginger /	Vegetative stage	Rhizome rot	Proper drainage and sanitation should be maintained.	
turmeric			Timely earthing up should be carried out.	
			Livestock	
	Water st	agnation should	be avoided in livestock shed to avoid mosquito breeding.	
		Daily provid	e clean and cool drinking water to the animals	
Poultry	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.			
Piggery	• Precaution should be taken against <b>Japanese encephalitis</b> , a mosquito borne disease. Avoid stagnant water in and around the sty, maintain proper hygienic condition			
			Fisheries	
	· ·	oxygen. Stir the	auddy water influx from the surrounding areas, the ponds may result in reduction water with a bamboo pole as it will help in increasing the oxygen and protect the	



Sl.no	Name	Designation	Department	
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### 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	Weather forecast valid upto 19 <sup>th</sup> Aug 2018
■ Moderate rain occurred the past week	■ Probability of moderate rain the coming week.
■ Maximum and minimum temperatures ranged	■ Max temp is likely to be 29 <sup>o</sup> C - 30 <sup>o</sup> C and the min temp 21 <sup>o</sup> C to 22 <sup>o</sup> C
27°C to 31°C and 20°C to 22°C, respectively.	Sky is likely to be cloudy the coming week
■ Relative humidity varied from 65% to 90%	■ Relative Humidity is likely to range from 43% to 91%.
■ Wind speed ranged from 2 to 3 kmph	■ 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	Stage	Pest/	Agro-meteorological Advisories
Crops		Diseases	
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						
	Proper weeding, earthing up should be done and staking should be done for good production.					
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> <li>Remove regularly the attacked fruits and bury deep in the soil.</li> <li>Harvesting should be done timely</li> </ul>			
Brinjal	Fruiting and harvesting stage	Shoot and fruit borer	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.			
Ginger /	Vegetative stage	Rhizome rot	Proper drainage and sanitation should be maintained.			
turmeric	turmeric		Timely earthing up should be carried out.			
	agnation should be avo		Livestock shed to avoid mosquito breeding. see animals			
Poultry  • Fungal contamination of feed during rainy season is a common problem. Avoid transport of feed season and feed must be stored in dry place. Care must be taken to fill all the ditches in the vicinity of house which act as a breeding place for insects and mosquitoes.			ored in dry place. Care must be taken to fill all the ditches in the vicinity of the poultry			
• Precaution should be taken a and around the sty, maintain			against <b>Japanese encephalitis, a mosquito borne disease</b> . Avoid stagnant water in proper hygienic condition			
			Fisheries			
(A)) A (I) N		oxygen. Stir the v	muddy water influx from the surrounding areas, the ponds may result in reduction of vater with a bamboo pole as it will help in increasing the oxygen and protect the fishes			

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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

Harvesting

stage

**Cucurbits** 

Weather summary of the preceding week	Weather forecast valid upto 19 <sup>th</sup> Aug 2018
■ Light rain occurred the past week	■ Probability of Light rain the coming week.
■ Maximum and minimum temperatures ranged	■ Max temp is likely to be 29 <sup>o</sup> C - 30 <sup>o</sup> C and the min temp 21 <sup>o</sup> C to 22 <sup>o</sup> C
$27^{\circ}$ C to $30^{\circ}$ C and $20^{\circ}$ C to $21^{\circ}$ C, respectively.	Sky is likely to be mainly cloudy the coming week
Relative humidity varied from 58% to 94%.	■ Relative Humidity is likely to range from 46% to 96%.
■ Wind speed ranged from 2 to 3 kmph	■ 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				
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.				
TDC/WDC	Stam alangation	Brown	Mechanical control measures such as smoking the field, hand-picking of adults and nymphs have also been advocated  Monitor the field against brown snot leaves show eval shaped foliar snots.				
TRC/WRC paddy	Stem elongation stage	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				
• Proper we	eeding, earthing up	should be do	Horticultural crop one and staking should be done for good production.				
Citrus	New flush		During the month of August, Bordeaux paste should be applied on the tree				

trunk (upto 60cm height from ground level).

Avoid injuries during harvesting and handling.

	Okra	Fruiting to	Spotted	Remove regularly the attacked fruits and bury deep in the soil.			
		harvesting stage	bollworm	Harvesting should be done timely			
	Brinjal	Fruiting and	Shoot and	Damage is done by caterpillars by affecting the shoots and fruits which are			
		harvesting	fruit borer	rendered unfit for consumption.			
		stage		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.			
	Ginger /	Vegetative	Rhizome rot	Proper drainage and sanitation should be maintained.			
	turmeric	stage		Timely earthing up should be carried out.			
				Livestock			
		Water s	tagnation shoul	d be avoided in livestock shed to avoid mosquito breeding.			
		Daily provide clean and cool drinking water to the animals					
	Poultry	<ul> <li>Fungal</li> </ul>	contamination	of feed during rainy season is a common problem. Avoid transport of feed			
		during	rainy season an	d feed must be stored in dry place. Care must be taken to fill all the ditches in			
		the vici	nity of the poul	try house which act as a breeding place for insects and mosquitoes.			
\\\ <del>\</del>	Piggery	Precaut	ion should be ta	aken against Japanese encephalitis, a mosquito borne disease. Avoid stagnant			
	e sty, maintain proper hygienic condition						
	Fisheries						
भाकअनप		Due to	heavy rainfall	and muddy water influx from the surrounding areas, the ponds may result in			
ICAR		reduction	on of dissolved	l 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**

Builetin 110.05/2010					
Weather summary of the preceding week	Weather forecast valid upto 19 <sup>th</sup> Aug 2018				
Light rain occurred the past week	■ Probability of moderate rain the coming week.				
	■ Max temp is likely to be 28 <sup>o</sup> C - 29 <sup>o</sup> C and the min temp 19 <sup>o</sup> C to 21 <sup>o</sup> C				
ranged $26^{\circ}$ C to $31^{\circ}$ C and $18^{\circ}$ C to $19^{\circ}$ C,	Sky is likely to be mainly cloudy the coming week				
respectively.	■ Relative Humidity is likely to range from 45% to 95%.				
■ Relative humidity varied from 52% to 95%.	■ Wind speed may reach upto 2-3 kmph				
■ Wind speed ranged from 2 to 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					

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

	Field crops					
Main	Stage	Pest/	Agro-meteorological Advisories			
Crops		Diseases				
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			
• Proper	<ul> <li>Horticultural crop</li> <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	-	Avoid injuries during harvesting and handling.		
		stage				
	Okra	Fruiting to	Spotted	Remove regularly the attacked fruits and bury deep in the soil.		
		harvesting stage	bollworm	Harvesting should be done timely		
	Brinjal	Fruiting and	Shoot and	Damage is done by caterpillars by affecting the shoots and fruits which are		
		harvesting stage	fruit borer	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.		
	Ginger /	Vegetative	Rhizome rot			
	turmeric	stage		Timely earthing up should be carried out.		
				Livestock		
		Water	stagnation show	ald be avoided in livestock shed to avoid mosquito breeding.		
		Daily provide clean and cool drinking water to the animals				
	Poultry	Fungal co	ntamination of	feed during rainy season is a common problem. Avoid transport of feed during rainy		
				e stored in dry place. Care must be taken to fill all the ditches in the vicinity of the		
		poultry ho	use which act a	as a breeding place for insects and mosquitoes.		
	Piggery			en against <b>Japanese encephalitis</b> , a mosquito borne disease. Avoid stagnant water iintain proper hygienic condition		
	Fisheries Fisheries					
ніф зі-ді ІСА R		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 Tuensang District

#### **Bulletin No:65/2018**

harvesting stage

bollworm

Weather su	ummary of the prece	ding week	Weather forecast valid upto 19 <sup>th</sup> Aug 2018
■ Moderate rai	in occurred the past v	veek	■ Probability of moderate rain the coming week.
■ Maximum a	nd minimum temper	ratures ranged	■ Max temp is likely to be 26 <sup>o</sup> C - 28 <sup>o</sup> C and the min temp 17 <sup>o</sup> C to 19 <sup>o</sup> C
$27^{0}$ C to $29^{0}$ C	C and $20^{0}$ C to $24^{0}$ C, r	espectively.	Sky is likely to be mainly cloudy the coming week
■ Relative hun	nidity varied from 64	% to 92%.	■ Relative Humidity is likely to range from 47% to 95%.
<ul><li>Wind speed</li></ul>	ranged from 2 to 3 k	mph	■ Wind speed may reach upto 2-3 kmph
			■ Wind direction will be mostly southerly
In-situ rain wa	ater conservation thro	ough mulching	and ex-situ moisture conservation through low cost water harvesting structure
		lik	e Jalkund should be carried out.
			Field crops
Main	Stage	Pest/	Agro-meteorological Advisories
Crops		Diseases	
Jhum Paddy	Panicle initiation	Gundhi bug	Weed sanitation and eradication of alternate hosts from rice fields and
	stage		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	Stem elongation	Brown spot	Monitor the field against brown spot, leaves show oval shaped foliar spots
paddy	stage		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
			improve crop productivity the rolling
			Horticultural crop
Proper	r weeding, earthing u	ip should be do	ne and staking should be done for good production.
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	Spotted	Remove regularly the attacked fruits and bury deep in the soil.

• Harvesting should be done timely

	Brinjal	Fruiting and	Shoot and	Damage is done by caterpillars by affecting the shoots and fruits which are
	3	harvesting stage	fruit borer	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.
	Ginger /	Vegetative stage	Rhizome rot	Proper drainage and sanitation should be maintained.
	turmeric			Timely earthing up should be carried out.
				Livestock
				e avoided in livestock shed to avoid mosquito breeding.
	D 1.			clean and cool drinking water to the animals
	Poultry	<u> </u>		eed during rainy season is a common problem. Avoid transport of feed during
		•		t be stored in dry place. Care must be taken to fill all the ditches in the vicinity
	Diggam		*	act as a breeding place for insects and mosquitoes.
	Piggery			n against <b>Japanese encephalitis, a mosquito borne disease</b> . Avoid stagnant v, maintain proper hygienic condition
		water in and	around the sty	, maintain proper rygicine condition
				Fisheries
///		Due to hear	vy rainfall and	I muddy water influx from the surrounding areas, the ponds may result in
XIII		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		
भाक्र अनुप				
ICAR				

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	Dr. Azeze Seyie Scientist Spices, Plantation & Medicinal &		Spices, Plantation & Medicinal &	
6 Aromatic Plants 7 Jyotish Barman Scientist Fisheries Resource M 8 Aabon W Yanthan Scientist Vegetable Science			Aromatic Plants	azezeseyie@yahoo.com
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### 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	Weather forecast valid upto 19 <sup>th</sup> Aug 2018
■ Light rain occurred the past week	Probability of light rain the coming week.
• Maximum and minimum temperatures ranged	■ Max temp is likely to be 29°C - 30°C and the min temp 21°C to 22°C
$28^{\circ}$ C to $29^{\circ}$ C and $20^{\circ}$ C to $21^{\circ}$ C, respectively.	Sky is likely to be cloudy the coming week
Relative humidity varied from 55% to 91%.	• Relative Humidity is likely to range from 46% to 97%.
■ Wind speed ranged from 2 to 4 kmph	■ 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.

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Main	Stage	Pest/	Agro-meteorological Advisories	
Crops		Diseases		
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	Stem elongation	Brown spot	Monitor the field against brown spot, leaves show oval shaped foliar	
paddy	stage		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	
• Proper	weeding, earthing up s	hould be done	and staking should be done for good production.	
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> <li>Remove regularly the attacked fruits and bury deep in the soil.</li> <li>Harvesting should be done timely</li> </ul>			
	Brinjal	Fruiting and harvesting stage	Shoot and fruit borer	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.			
	Ginger / turmeric	Vegetative stage	Rhizome rot	Proper drainage and sanitation should be maintained. Timely earthing up should be carried out.			
				Livestock avoided in livestock shed to avoid mosquito breeding. and cool drinking water to the animals			
Poultry  • Fungal contamination of feed during rainy season is a common problem. Avoid during rainy season and feed must be stored in dry place. Care must be taken to fill the vicinity of the poultry house which act as a breeding place for insects and mosquite the content of the poultry house which act as a breeding place for insects and mosquite the poultry house which act as a breeding place for insects and mosquite the poultry house which act as a breeding place for insects and mosquite the poultry house which act as a breeding place for insects and mosquite the poultry house which act as a breeding place for insects and mosquite the poultry house which act as a breeding place for insects and mosquite the poultry house which act as a breeding place for insects and mosquite the poultry house which act as a breeding place for insects and mosquite the poultry house which act as a breeding place for insects and mosquite the poultry house which act as a breeding place for insects and mosquite the poultry house which act as a breeding place for insects and mosquite the poultry house which act as a breeding place for insects and mosquite the poultry house which act as a breeding place for insects and mosquite the poultry house which act as a breeding place for insects and mosquite the poultry house which act as a breeding place for insects and mosquite the poultry house which act as a breeding place for insects and mosquite the poultry house which act as a breeding place for insects and mosquite the poultry house which act and the poultry house which act and the poultry house which act are the poultry house			ed during rainy season is a common problem. Avoid transport of feed I must be stored in dry place. Care must be taken to fill all the ditches in				
	Piggery	• Precaution should be taken against <b>Japanese encephalitis</b> , a mosquito borne disease. Avoid stagnant water in and around the sty, maintain proper hygienic condition					
	Fisheries						
			nuddy water influx from the surrounding areas, the ponds may result in en. Stir the water with a bamboo pole as it will help in increasing the from suffocation				

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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

Duncin 110.05/2010	
Weather summary of the preceding week	Weather forecast valid upto 19 <sup>th</sup> Aug 2018
■ Light rain occurred the past week	■ Probability of moderate rain the coming week.
Maximum and minimum temperatures ranged	
$27^{\circ}$ C to $29^{\circ}$ C and $18^{\circ}$ C to $19^{\circ}$ C, respectively.	Sky is likely to be cloudy the coming week
Relative humidity varied from 67% to 92%.	<b>Relative Humidity</b> is likely to range from 74% to 94%.
<ul><li>Wind speed ranged from 2 to 3 kmph</li></ul>	■ 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.

77. 11

Field crops						
Main Stage Pest/		Pest/	Agro-meteorological Advisories			
Crops		Diseases				
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					

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

• Proper weeding, earlining up should be done and staking should be done for good production.			me ana staking snouta be done for good production.
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	Spotted	Remove regularly the attacked fruits and bury deep in the soil.			
		harvesting stage	bollworm	Harvesting should be done timely			
	Brinjal	Fruiting and	Shoot and	Damage is done by caterpillars by affecting the shoots and fruits which are			
	27 trigut	harvesting stage	fruit borer	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.			
	Ginger /	Vegetative stage	Rhizome rot	Proper drainage and sanitation should be maintained.			
	turmeric			Timely earthing up should be carried out.			
				Livestock			
	Water stagnation should be avoided in livestock shed to avoid mosquito breeding						
			Daily provide	clean and cool drinking water to the animals			
	Poultry	Poultry • Fungal contamination of feed during rainy season is a common problem. Avoid transport of feed durin					
		rainy season and feed must be stored in dry place. Care must be taken to fill all the ditches in the vicinit					
		of the poult	try house which	act as a breeding place for insects and mosquitoes.			
	Piggery			n against <b>Japanese encephalitis, a mosquito borne disease</b> . Avoid stagnant , maintain proper hygienic condition			
	Fisheries						
ніф'янц ІСАК	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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5	Dr. Mahak Singh	Scientist	Animal Reproduction & Gynaecology	mahaksinghivri@gmail.com
	Dr. Azeze Seyie	Scientist	Spices, Plantation & Medicinal &	
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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
Light rain occurred the past week	■ Probability of light rain the coming week.
■ Maximum and minimum temperatures ranged 34 <sup>0</sup> C to	■ Max temp is likely to be 31°C - 33°C and the min temp 25°C to 26°C
35°C and 24°C to 25°C, respectively.	Sky is likely to be cloudy the coming week
Relative humidity varied from 40% to 95%.	■ <b>Relative Humidity</b> is likely to range from 44% to 95%.
■ Wind speed ranged from 2 to 3 kmph	■ Wind speed may reach upto 3-5 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	Main Crops Stage Pest/		Agro-meteorological Advisories			
•		Diseases				
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			

#### earthing up should be done and staking should be done for good production

• Proper weeding, earthing up should be done and staking should be done for good production.					
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> <li>Remove regularly the attacked fruits and bury deep in the soil.</li> <li>Harvesting should be done timely</li> </ul>		

	Brinjal	Fruiting and harvesting stage	Shoot and fruit borer	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.					
	Ginger / turmeric	Vegetative stage	Rhizome rot	Proper drainage and sanitation should be maintained.  Timely earthing up should be carried out.					
	Livestock								
	Water stagnation should be avoided in livestock shed to avoid mosquito breeding.								
	Daily provide clean and cool drinking water to the animals								
	rainy season and feed must be stored in dry place. Care must be of the poultry house which act as a breeding place for insects at			contamination of feed during rainy season is a common problem. Avoid transport of feed during ason and feed must be stored in dry place. Care must be taken to fill all the ditches in the vicinity bultry house which act as a breeding place for insects and mosquitoes.					
				taken against <b>Japanese encephalitis</b> , a mosquito borne disease. Avoid stagnant e sty, maintain proper hygienic condition					
	Fisheries								
нарзі-ді ІСА R	Due to heavy rainfall and muddy water influx from the surrounding areas, the ponds mareduction of dissolved oxygen. Stir the water with a bamboo pole as it will help in increasing and protect the fishes from suffocation  33-14.								

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**Cucurbits** 

Okra

Harvesting stage

Fruiting to

harvesting stage

Spotted

bollworm



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

#### Bulletin No:65/2018

Duneum 110.05/2010	
Weather summary of the preceding week	Weather forecast valid upto 19 <sup>th</sup> Aug 2018
■ Moderate rain occurred the past week	Probability of moderate rain the coming week.
■ Maximum and minimum temperatures ranged	■ Max temp is likely to be 30°C - 32°C and the min temp 22°C to 23°C
27°C to 33°C and 20°C to 23°C, respectively.	Sky is likely to be mainly cloudy the coming week
■ Relative humidity varied from 47% to 95%.	■ Relative Humidity is likely to range from 53% to 95%.
■ Wind speed ranged from 1 to 2 kmph	■ 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				
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				
<ul> <li>Horticultural crop</li> <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).

Avoid injuries during harvesting and handling.

• Harvesting should be done timely

Remove regularly the attacked fruits and bury deep in the soil.

	Brinjal	Fruiting and	Shoot and	Damage is done by caterpillars by affecting the shoots and fruits which are			
		harvesting stage	fruit borer	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.			
	Ginger /	Vegetative stage	Rhizome rot	Proper drainage and sanitation should be maintained.			
	turmeric			Timely earthing up should be carried out.			
	Livestock						
		Water stagnation should be avoided in livestock shed to avoid mosquito breeding.					
			Daily provide	e clean and cool drinking water to the animals			
	Poultry	Fungal cont	tamination of f	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					
				et as a breeding place for insects and mosquitoes.			
	Piggery	Precaution s	should be taken	against Japanese encephalitis, a mosquito borne disease. Avoid stagnant water			
		in and arour	nd the sty, main	ntain proper hygienic condition			
		Fisheries					
\\\\\-\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\		Due to heav	y rainfall and ı	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					
нарзінц ІСА В							

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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	Weather forecast valid upto 19 <sup>th</sup> Aug 2018		
■ Light rain occurred the past week	■ Probability of moderate rain the coming week.		
■ Maximum and minimum temperatures ranged 26	■ 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		
<sup>0</sup> C to 28 <sup>0</sup> C and 19 <sup>0</sup> C to 21 <sup>0</sup> C, respectively.	Sky is likely to be mainly cloudy the coming week		
■ Relative humidity varied from 58% to 97%.	■ <b>Relative Humidity</b> is likely to range from 45% to 96%.		
■ Wind speed ranged from 2 to 3 kmph	■ Wind speed may reach upto 3-4 kmph		
	Wind direction will be mostly southeasterly		
<sup>0</sup> C to 28 <sup>0</sup> C and 19 <sup>0</sup> C to 21 <sup>0</sup> C, respectively. ■ Relative humidity varied from 58% to 97%.	<ul> <li>Sky is likely to be mainly cloudy the coming week</li> <li>Relative Humidity is likely to range from 45% to 96%.</li> <li>Wind speed may reach upto 3-4 kmph</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
• Proper w	reeding, earthing up	should be done	Horticultural crop and staking should be done for good production.
Citrus	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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	Cucurbits	Harvesting stage	-	Avoid injuries during harvesting and handling.		
	0.1	T	G 1			
	Okra	Fruiting to	Spotted	Remove regularly the attacked fruits and bury deep in the soil.		
		harvesting stage	bollworm	Harvesting should be done timely		
	Brinjal	Fruiting and	Shoot and	Damage is done by caterpillars by affecting the shoots and fruits which		
		harvesting stage	fruit borer	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.		
	Ginger /	Vegetative stage	Rhizome rot	Proper drainage and sanitation should be maintained.		
	turmeric			Timely earthing up should be carried out.		
	Khasi	New flush		During the month of August, Bordeaux paste should be applied on the tree		
	Mandarin			trunk (upto 60cm height from ground level).		
	Livestock					
	Water stagnation should be avoided in livestock shed to avoid mosquito breeding.					
	Daily provide clean and cool drinking water to the animals					
	Poultry • 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			ed 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.					
	Piggery • Precaution should be taken against Japanese encephalitis, a mosquito borne disease. Avoid					
	stagnant water in and around the sty, maintain proper hygienic condition					
	Fisheries					
	• 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					
	oxygen and protect the fishes from suffocation					
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