



### Integrated Agromet Advisory Service Bulletin from 9<sup>th</sup> to 13<sup>th</sup> May'18 Dimapur District

### **Bulletin No:37/2018**

Weather summary of the preceding week	Weather forecast valid upto 13 <sup>th</sup> May 2018
■ Moderate rain occurred the past week	Probability of light rain the coming week.
■ Maximum and minimum temperatures ranged 28°C to	■ Max temp is likely to be $30^{\circ}$ C - $31^{\circ}$ C and the min temp $21^{\circ}$ C to $22^{\circ}$ C
30°C and 20°C to 21°C, respectively.	Sky is likely to be partly cloudy the coming week
■ Relative humidity varied from 42% to 90%.	■ <b>Relative Humidity</b> is likely to range from 26% to 87%.
■ Wind speed ranged from 1 to 2 kmph	■ Wind speed may reach upto 3-5 kmph
	Wind direction will be mostly easterly

- Timely weeding and earthing up should be carried out
- Use quality and certified seeds for all crops. Success in raising healthy seedlings depends to a larger extent on the quality of seeds. Before sowing, seed should be treated with biological control agent formulations which protects the seed against soilborn fungi and also give a boost to the seedlingsTimely weeding and earthing up should be carried out

### Field crops

Stage	Pest/	Agro-meteorological Advisories
	Diseases	
Storage		Place sticky traps in the drying and storage areas for rats.
		• Storage rooms should be physically rodent and bird proof, if possible.
		• Inspect the stored seeds once a week for signs of insect infestation.
Vegetative stage	-	Clean cultivation should be maintained
vegetative stage		Timely weeding and earthing up should be done for the plant to grow well
		Summer rain is erratic. Dig more number of jalkund or pond to store water right
		now. Harvested rainwater can give you off season vegetable and a good price
	Storage  Vegetative stage	Storage  Vegetative stage -

- Standing rain water in the field may be drained off immediately after rain
- Planting of vegetable seedlings may be done in raised bed to avoid the soil borne diseases / damping
- Soil application of biocontrol agents (Trichoderma) at 2.5kg/ha with farm manure before transplanting
- Transplanting of King chili should be done

Khasi Mandarin		Leaf miner,	Spray neem oil @5ml/litre water against leaf miner, aphids, mites. Shake the trees
		aphids,	to collect adult trunk borer
		mites,	
		trunk borer	
Cucurbits	Vegetative stage	Red beetle	Till June is the peak period of activity.
			Cultural practices like clean cultivation should be carried out so as to reduce the

				pest damage.	
	Okra Flowering stage		-	Collect and destroy all the infested shoots and fruits.	
	Brinjal	Transplanting		Thoroughly prepare the field with application of well dried FYM.	
		stage		Maize should be planted on the border to control movement of white flies	
	Ginger /	Vegetative stage	Rhizome	The plot should be well drained free from water logging and while planting	
	turmeric		rot	healthy rhizomes should be used for cultivation so as to prevent rhizome rot.	
				Livestock	
	Water stagna	ation should be avo	oided in livest	ock shed to avoid mosquito breeding	
	Poultry	• Double t	he watering	space in poultry houses during summer. Provide plenty of fresh, clean and cool	
		drinking	water during	hot weather	
		• In order	to encourage i	feed intake during summer, reduce the energy content of the feed by 10%	
		Birds mu	ist be vaccina	ted against infectious diseases	
				wet litter immediately from the poultry house to stop excess heat production	
	Piggery	Ensure th	nat pigs have	access to an abundant fresh, cool drinking water to avoid heat stress	
		Offer fee	ed that is high	ner in protein and vitamins to help compensate for their reductionin food intake as	
		pigs tend	to eat less fee	ed during summer	
	Fisheries			Fisheries	
\\\\\-\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\		Lime por	nd as per reco	mmended dose @10kg/bigha	
	<ul> <li>Stock fish fingerling @8000/ha</li> <li>Strengthen embankment to avoid erosion due to heavy rainfall</li> </ul>			2 8000/ha	
भाक्रअनुप		If possible, stock bigger size fish seed to ensure faster growth			
ICAR		if possible, stock digger size fish seed to clisure faster growth			

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



# Integrated Agromet Advisory Service Bulletin from 9<sup>th</sup> to 13<sup>th</sup> May'18 Kiphire District

#### **Bulletin No:37/2018**

Weather summary of the preceding week	Weather forecast valid upto 13 <sup>th</sup> May 2018
■ Moderate rain occurred the past week	■ Probability of light rain the coming week.
■ Maximum and minimum temperatures ranged	
23°C to 24°C and 14°C to 15°C, respectively.	Sky is likely to be mainly cloudy the coming week
Relative humidity varied from 23% to 85%.	• Relative Humidity is likely to range from 25% to 86%.
■ Wind speed ranged from 3 to 4 kmph	■ Wind speed may reach upto 3-4 kmph
r and restriction of the restric	Wind direction will be mostly easterly

- Timely weeding and earthing up should be carried out
- Use quality and certified seeds for all crops. Success in raising healthy seedlings depends to a larger extent on the quality of seeds. Before sowing, seed should be treated with biological control agent formulations which protects the seed against soilborn fungi and also give a boost to the seedlingsTimely weeding and earthing up should be carried out as there is probability of light rain the coming week too

### Field crops

Main Crops	Stage	Pest/	Agro-meteorological Advisories
		Diseases	
Paddy	Storage		Place sticky traps in the drying and storage areas for rats.
			• Storage rooms should be physically rodent and bird proof, if possible.
			• Inspect the stored seeds once a week for signs of insect infestation.
Green gram	Vegetative stage	-	Clean cultivation should be maintained
Maize	vegetative stage		Timely weeding and earthing up should be done for the plant to grow well
Water			Summer rain is erratic. Dig more number of jalkund or pond to store water right
harvesting			now. Harvested rainwater can give you off season vegetable and a good price

- Standing rain water in the field may be drained off immediately after rain
- Planting of vegetable seedlings may be done in raised bed to avoid the soil borne diseases / damping
- Soil application of biocontrol agents (Trichoderma) at 2.5kg/ha with farm manure before transplanting
- Transplanting of King chili should be done

Khasi	Leaf miner,	Spray neem oil @5ml/litre water against leaf miner, aphids, mites. Shake the
Mandarin	aphids,	trees to collect adult trunk borer
	mites, trunk	
	borer	

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	Cucurbits	Vegetative stage	Red beetle	Till June is the peak period of activity.
				Cultural practices like clean cultivation should be carried out so as to reduce
				the pest damage.
	Okra	Flowering stage	-	Collect and destroy all the infested shoots and fruits.
	Brinjal	Transplanting		Thoroughly prepare the field with application of well dried FYM.
		stage		Maize should be planted on the border to control movement of white flies
	Ginger /	Vegetative stage	Rhizome rot	The plot should be well drained free from water logging and while planting
	turmeric			healthy rhizomes should be used for cultivation so as to prevent rhizome rot.
		Livestock		
	Water stage	gnation should be avo	oided in livesto	ck shed to avoid mosquito breeding
	Poultry	<ul> <li>Double the</li> </ul>	watering space	te in poultry houses during summer. Provide plenty of fresh, clean and cool
		drinking wa	ter during hot v	weather
		• In order to e	encourage feed	intake during summer, reduce the energy content of the feed by 10%
		Birds must be vaccinated against infectious diseases		
		Remove cal	ked up and wet	litter immediately from the poultry house to stop excess heat production
	Piggery	Ensure that	pigs have acces	ss to an abundant fresh, cool drinking water to avoid heat stress
		Offer feed t	hat is higher in	protein and vitamins to help compensate for their reductionin food intake as pigs
		tend to eat 1	ess feed during	summer
		Fisheries		
		Lime pond as per recommended dose @10kg/bigha		
		Stock fish f	ingerling @800	00/ha
		• Strengthen	embankment to	avoid erosion due to heavy rainfall
भाकुअनुप		If possible, stock bigger size fish seed to ensure faster growth		
ICAR		,		

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1	Dr.D.J. Rajkhowa	Principle Scientist	Agronomy	djrajkhowa@gmail.com
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### **Integrated Agromet Advisory Service Bulletin from 9<sup>th</sup> to 13<sup>th</sup> May'18**Kohima District

**Bulletin No:37/2018** 

Weather summary of the preceding week	Weather forecast valid upto 13 <sup>th</sup> May 2018
■ Moderate rain occurred the past week	■ Probability of moderate rain the coming week.
■ Maximum and minimum temperatures ranged 19	■ Max temp is likely to be 22 <sup>o</sup> C - 23 <sup>o</sup> C and the min temp 12 <sup>o</sup> C to 13 <sup>o</sup> C
<sup>0</sup> C to 22 <sup>0</sup> C and 14 <sup>0</sup> C to 15 <sup>0</sup> C, respectively.	Sky is likely to be mainly cloudy the coming week
Relative humidity varied from 34% to 92%.	■ Relative Humidity is likely to range from 44% to 92%.
■ Wind speed ranged from 3 to 4 kmph	■ Wind speed may reach upto 2-6 kmph
	Wind direction will be mostly southeasterly

- Timely weeding and earthing up should be carried out
- Use quality and certified seeds for all crops. Success in raising healthy seedlings depends to a larger extent on the quality of seeds. Before sowing, seed should be treated with biological control agent formulations which protects the seed against soil-born fungi and also give a boost to the seedlings Timely weeding and earthing up should be carried out as there is probability of light rain the coming week too

	Field crops					
Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories			
Paddy	Storage		<ul> <li>Place sticky traps in the drying and storage areas for rats.</li> <li>Storage rooms should be physically rodent and bird proof, if possible.</li> <li>Inspect the stored seeds once a week for signs of insect infestation.</li> </ul>			
Green gram	Vegetative stage	-	Clean cultivation should be maintained			
Maize	vegetative stage		Timely weeding and earthing up should be done for the plant to grow well			
Water harvesting			Summer rain is erratic. Dig more number of jalkund or pond to store water right now. Harvested rainwater can give you off season vegetable and a good price			

### Horticultural crop

- Standing rain water in the field may be drained off immediately after rain
- Planting of vegetable seedlings may be done in raised bed to avoid the soil borne diseases / damping
- Soil application of biocontrol agents (Trichoderma) at 2.5kg/ha with farm manure before transplanting

• Transplanting of King chili should be done

Khasi	Leaf miner,	Spray neem oil @5ml/litre water against leaf miner, aphids, mites. Shake
Mandarin	aphids,	the trees to collect adult trunk borer
	mites, trunk	

			borer	
	Cucurbits	Vegetative stage	Red beetle	Till June is the peak period of activity.  Cultural practices like clean cultivation should be carried out so as to reduce the pest damage.
	Okra	Flowering stage	-	Collect and destroy all the infested shoots and fruits.
	Brinjal	Transplanting stage		Thoroughly prepare the field with application of well dried FYM.  Maize should be planted on the border to control movement of white flies
	Ginger / turmeric	Vegetative stage	Rhizome rot	The plot should be well drained free from water logging and while planting healthy rhizomes should be used for cultivation so as to prevent rhizome rot.
	Khasi Mandarin		Leaf miner, aphids, mites, trunk borer	Spray neem oil @5ml/litre water against leaf miner, aphids, mites. Shake the trees to collect adult trunk borer
	Water sta	agnation should be a	voided in livesto	Livestock
	Poultry	<ul> <li>Double the watering space in poultry houses during summer. Provide plenty of fresh, clean and drinking water during hot weather</li> <li>In order to encourage feed intake during summer, reduce the energy content of the feed by 10%</li> <li>Birds must be vaccinated against infectious diseases</li> <li>Remove caked up and wet litter immediately from the poultry house to stop excess heat production</li> </ul>		
	Piggery	<ul> <li>Ensure that pigs have access to an abundant fresh, cool drinking water to avoid heat stress</li> <li>Offer feed that is higher in protein and vitamins to help compensate for their reductionin as pigs tend to eat less feed during summer</li> </ul>		protein and vitamins to help compensate for their reductionin food intake
		Fisheries		
ніф зніц ІСА R		<ul> <li>Lime pond as per recommended dose @10kg/bigha</li> <li>Stock fish fingerling @8000/ha</li> <li>Strengthen embankment to avoid erosion due to heavy rainfall</li> <li>If possible, stock bigger size fish seed to ensure faster growth</li> </ul>		

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# Integrated Agromet Advisory Service Bulletin from 9<sup>th</sup> to 13<sup>th</sup> May'18 Longleng District

### **Bulletin No:37/2018**

Weather summary of the preceding week	Weather forecast valid upto 13 <sup>th</sup> May 2018
■ Moderate rain occurred the past week	Probability of light rain the coming week.
■ Maximum and minimum temperatures ranged 23 <sup>o</sup> C	■ Max temp is likely to be $26^{\circ}$ C - $27^{\circ}$ C and the min temp $16^{\circ}$ C to $17^{\circ}$ C
to 24 <sup>0</sup> C and 14 <sup>0</sup> C to 18 <sup>0</sup> C, respectively.	■ Sky is likely to be mainly cloudy the coming week
■ Relative humidity varied from 23% to 90%.	■ Relative Humidity is likely to range from 35% to 90%.
■ Wind speed ranged from 3 to 4 kmph	■ Wind speed may reach upto 3-4 kmph
	Wind direction will be mostly southeasterly

- Timely weeding and earthing up should be carried out
- Use quality and certified seeds for all crops. Success in raising healthy seedlings depends to a larger extent on the quality of seeds. Before sowing, seed should be treated with biological control agent formulations which protects the seed against soil-born fungi and also give a boost to the seedlings Timely weeding and earthing up should be carried out as there is probability of light rain the coming week too

#### Field crops Main Pest/ Agro-meteorological Advisories Stage **Diseases Crops** • Place sticky traps in the drying and storage areas for rats. **Paddy** Storage • Storage rooms should be physically rodent and bird proof, if possible. • *Inspect the stored seeds once a week for signs of insect infestation.* Green gram Vegetative stage Clean cultivation should be maintained Maize vegetative stage Timely weeding and earthing up should be done for the plant to grow well Summer rain is erratic. Dig more number of jalkund or pond to store Water water right now. Harvested rainwater can give you off season vegetable harvesting and a good price

- Standing rain water in the field may be drained off immediately after rain
- Planting of vegetable seedlings may be done in raised bed to avoid the soil borne diseases / damping
- Soil application of biocontrol agents (Trichoderma) at 2.5kg/ha with farm manure before transplanting
- Transplanting of King chili should be done

Khasi	Leaf miner,	Spray neem oil @5ml/litre water against leaf miner, aphids, mites. Shake
Mandarin	aphids,	the trees to collect adult trunk borer

			mites, trunk		
			borer		
	Cucurbits	Vegetative stage	Red beetle	Till June is the peak period of activity.	
				Cultural practices like clean cultivation should be carried out so as to	
				reduce the pest damage.	
	Okra	Flowering stage	-	Collect and destroy all the infested shoots and fruits.	
	Brinjal	Transplanting stage		Thoroughly prepare the field with application of well dried FYM.	
				Maize should be planted on the border to control movement of white flies	
	Ginger /	Vegetative stage	Rhizome rot	The plot should be well drained free from water logging and while	
	turmeric			planting healthy rhizomes should be used for cultivation so as to prevent	
				rhizome rot.	
				Livestock	
	Water st	agnation should be avo	oided in livestoc	ivestock shed to avoid mosquito breeding	
	Poultry	• Double the	watering space	in poultry houses during summer. Provide plenty of fresh, clean and cool	
		drinking wa	ter during hot w	reather	
		• In order to e	encourage feed i	ntake during summer, reduce the energy content of the feed by 10%	
		Birds must l	oe vaccinated ag	gainst infectious diseases	
		Remove cake	ted up and wet l	itter immediately from the poultry house to stop excess heat production	
	Piggery	• Ensure that	pigs have access	s to an abundant fresh, cool drinking water to avoid heat stress	
		Offer feed the second sec	hat is higher in <sub>l</sub>	protein and vitamins to help compensate for their reductionin food intake as	
		pigs tend to	eat less feed du	ring summer	
		Fisheries			
\\\\\-\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\		Lime pond a	as per recomme	nded dose @10kg/bigha	
		•	ingerling @8000		
				avoid erosion due to heavy rainfall	
NEW STERM		_		•	
• If possible, stock bigger size fish seed to ensure faster growth			o fish seed to elisate faster grown		

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# Integrated Agromet Advisory Service Bulletin from 9<sup>th</sup> to 13<sup>th</sup> May'18 Mokokchung District

### **Bulletin No:37/2018**

Weather summary of the preceding week	Weather forecast valid upto 13 <sup>th</sup> May 2018	
■ Moderate rain occurred the past week	Probability of light rain the coming week.	
Maximum and minimum temperatures ranged	• Max temp is likely to be $26^{\circ}$ C - $27^{\circ}$ C and the min temp $16^{\circ}$ C to $17^{\circ}$ C	
23°C to 24°C and 14°C to 15°C, respectively.	■ Sky is likely to be mainly cloudy the coming week	
Relative humidity varied from 29% to 90%.	■ Relative Humidity is likely to range from 59% to 92%.	
■ Wind speed ranged from 3 to 5 kmph	■ Wind speed may reach upto 3 - 4 kmph	
-	Wind direction will be southeasterly	

- Timely weeding and earthing up should be carried out
- Use quality and certified seeds for all crops. Success in raising healthy seedlings depends to a larger extent on the quality of seeds. Before sowing, seed should be treated with biological control agent formulations which protects the seed against soilborn fungi and also give a boost to the seedlings

### Field crops

Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
Jhum Paddy	Vegetative stage	-	Timely weeding should be done.
Paddy	Storage		<ul> <li>Place sticky traps in the drying and storage areas for rats.</li> <li>Storage rooms should be physically rodent and bird proof, if possible.</li> <li>Inspect the stored seeds once a week for signs of insect infestation.</li> </ul>
Green gram	Vegetative stage	-	Clean cultivation should be maintained
Maize	vegetative stage		Timely weeding and earthing up should be done for the plant to grow well
Water harvesting			Summer rain is erratic. Dig more number of jalkund or pond to store water right now. Harvested rainwater can give you off season vegetable and a good price

- Standing rain water in the field may be drained off immediately after rain
- Planting of vegetable seedlings may be done in raised bed to avoid the soil borne diseases / damping
- Soil application of biocontrol agents (Trichoderma) at 2.5kg/ha with farm manure before transplanting
- Transplanting of King chili should be done

Khasi	Leaf miner,	Spray neem oil @5ml/litre water against leaf miner, aphids, mites. Shake the
Mandarin	aphids,	trees to collect adult trunk borer
	mites, trunk	

		borer		
Cucurbits	Vegetative stage	Red beetle	Till June is the peak period of activity.	
			Cultural practices like clean cultivation should be carried out so as to reduce the pest damage.	
Okra			Collect and destroy all the infested shoots and fruits.	
Brinjal	Transplanting		Thoroughly prepare the field with application of well dried FYM.	
, and the second	stage		Maize should be planted on the border to control movement of white flies	
Ginger /	Vegetative stage	Rhizome rot	The plot should be well drained free from water logging and while planting	
turmeric			healthy rhizomes should be used for cultivation so as to prevent rhizome rot.	
			Livestock	
• Water	stagnation should be a	woided in livest	ock shed to avoid mosquito breeding	
Poultry	Double the v	vatering space in	poultry houses during summer. Provide plenty of fresh, clean and cool drinking	
	water during	hot weather		
	In order to en	ncourage feed in	take during summer, reduce the energy content of the feed by 10%	
			ainst infectious diseases	
	Remove caked up and wet litter immediately from the poultry house to stop excess heat production			
Piggery	Ensure that p	oigs have access	to an abundant fresh, cool drinking water to avoid heat stress	
	Offer feed th	nat is higher in p	protein and vitamins to help compensate for their reductionin food intake as pigs	
	tend to eat le	ss feed during s	ummer	
			Fisheries	
	Lime pond a	s per recommen	ded dose @10kg/bigha	
	Stock fish fin	ngerling @8000	/ha	
	• Strengthen e	mbankment to a	void erosion due to heavy rainfall	
	If possible, stock bigger size fish seed to ensure faster growth			



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### Integrated Agromet Advisory Service Bulletin from 9<sup>th</sup> to 13<sup>th</sup> May'18 Mon District

### **Bulletin No:37/2018**

Weather summary of the preceding week	Weather forecast valid upto 13 <sup>th</sup> May 2018
■ Moderate rain occurred the past week	Probability of light rain the coming week.
■ Maximum and minimum temperatures ranged	■ Max temp is likely to be 24°C - 25°C and the min temp 14°C to 15°C
21°C to 22°C and 13°C to 15°C, respectively.	Sky is likely to be mainly cloudy the coming week
■ Relative humidity varied from 33% to 90%	■ Relative Humidity is likely to range from 41% to 90%.
■ Wind speed ranged from 3 to 5 kmph	■ Wind speed may reach upto 3- 4 kmph
	Wind direction will be mostly southeasterly

- Timely weeding and earthing up should be carried out
- Use quality and certified seeds for all crops. Success in raising healthy seedlings depends to a larger extent on the quality of seeds. Before sowing, seed should be treated with biological control agent formulations which protects the seed against soil-born fungi and also give a boost to the seedlings

### Field crops

Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories	
Jhum Paddy	Vegetative stage	-	Timely weeding should be done.	
Paddy	Storage		<ul> <li>Place sticky traps in the drying and storage areas for rats.</li> <li>Storage rooms should be physically rodent and bird proof, if possible.</li> <li>Inspect the stored seeds once a week for signs of insect infestation.</li> </ul>	
Green gram	Vegetative stage	-	Clean cultivation should be maintained	
Maize	Vegetative stage		Timely weeding and earthing up should be done for the plant to grow well	
Water harvesting			Summer rain is erratic. Dig more number of jalkund or pond to store water right now. Harvested rainwater can give you off season vegetable and a good price	

### Horticultural crop

- Standing rain water in the field may be drained off immediately after rain
- Planting of vegetable seedlings may be done in raised bed to avoid the soil borne diseases / damping
- Soil application of biocontrol agents (Trichoderma) at 2.5kg/ha with farm manure before transplanting

• Transplanting of King chili should be done

Khasi	Leaf miner,	Spray neem oil @5ml/litre water against leaf miner, aphids, mites. Shake the	he

	Mandarin		aphids, mites,	trees to collect adult trunk borer	
	Manaarin		trunk borer	Trees to contect adult trank borer	
	C1:4	X74-4:			
	Cucurbits	Vegetative stage	Red beetle	Till June is the peak period of activity.	
				Cultural practices like clean cultivation should be carried out so as to	
				reduce the pest damage.	
	Okra	Flowering stage	-	Collect and destroy all the infested shoots and fruits.	
	Brinjal	Transplanting		Thoroughly prepare the field with application of well dried FYM.	
	3	stage		Maize should be planted on the border to control movement of white flies	
	Ginger /	Vegetative stage	Rhizome rot	The plot should be well drained free from water logging and while planting	
	turmeric			healthy rhizomes should be used for cultivation so as to prevent rhizome rot.	
				Livestock	
	Water s	tagnation should be	e avoided in lives	stock shed to avoid mosquito breeding	
	Poultry			ace in poultry houses during summer. Provide plenty of fresh, clean and cool	
	- · · · · · · · · · · ·		g water during ho		
				ed intake during summer, reduce the energy content of the feed by 10%	
			Ŭ		
		Birds m	iust be vaccinated	d against infectious diseases	
		Remove	e caked up and w	ret litter immediately from the poultry house to stop excess heat production	
	Piggery	• Ensure	that pigs have ac	cess to an abundant fresh, cool drinking water to avoid heat stress	
		Offer fe	eed that is higher	in protein and vitamins to help compensate for their reduction in food intake	
			_	eed during summer	
	Fisheries				
\\\\				100 100 100	
XILOOM	Lime pond as per recommended dose @10kg/bigha				
		Stock fish fingerling @8000/ha			
		Strengtl	hen embankment	to avoid erosion due to heavy rainfall	
ыфзыц ІСА В		If possi	ble, stock bigger	size fish seed to ensure faster growth	
		in possible, stock organization seed to ensure faster grown			

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### Integrated Agromet Advisory Service Bulletin from 9<sup>th</sup> to 13<sup>th</sup> May'18 Peren District

### **Bulletin No:37/2018**

Weather summary of the preceding week	Weather forecast valid upto 13 <sup>th</sup> May 2018
■ Moderate rain occurred the past week	■ Probability of light rain the coming week.
■ Maximum and minimum temperatures ranged	■ Max temp is likely to be 24 <sup>o</sup> C - 25 <sup>o</sup> C and the min temp 14 <sup>o</sup> C to 15 <sup>o</sup> C
$20^{0}$ C to $21^{0}$ C and $13^{0}$ C to $14^{0}$ C, respectively.	Sky is likely to be mainly cloudy the coming week
Relative humidity varied from 30% to 90%.	■ Relative Humidity is likely to range from 43% to 95%.
■ Wind speed ranged from 3 to 4 kmph	■ Wind speed may reach upto 2-5 kmph
	Wind direction will be mostly southeasterly

- Timely weeding and earthing up should be carried out
- Use quality and certified seeds for all crops. Success in raising healthy seedlings depends to a larger extent on the quality of seeds. Before sowing, seed should be treated with biological control agent formulations which protects the seed against soil-born fungi and also give a boost to the seedlingsTimely weeding and earthing up should be carried out as there is probability of light rain the coming week too

### Field crops

Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
Paddy	Storage		<ul> <li>Place sticky traps in the drying and storage areas for rats.</li> <li>Storage rooms should be physically rodent and bird proof, if possible.</li> <li>Inspect the stored seeds once a week for signs of insect infestation.</li> </ul>
Green gram	Vegetative stage	-	Clean cultivation should be maintained
Maize	vegetative stage		Timely weeding and earthing up should be done for the plant to grow well
Water harvesting			Summer rain is erratic. Dig more number of jalkund or pond to store water right now. Harvested rainwater can give you off season vegetable and a good price

- Standing rain water in the field may be drained off immediately after rain
- Planting of vegetable seedlings may be done in raised bed to avoid the soil borne diseases / damping
- Soil application of biocontrol agents (Trichoderma) at 2.5kg/ha with farm manure before transplanting
- Transplanting of King chili should be done

	V1		Lasfasiasa			
	Khasi		Leaf miner,	Spray neem oil @5ml/litre water against leaf miner, aphids, mites. Shake the trees to collect adult trunk borer		
	Mandarin		aphids,	Trees to conect admit trunk borer		
			mites, trunk borer			
	Cucurbits	Vacatativa	Red beetle	Till lung is the near new of of activity		
	Cucurous	Vegetative	Red beetle	Till June is the peak period of activity.  Cultural practices like clean cultivation should be carried out so as to reduce		
		stage		the pest damage.		
	Okra	Flowering	-	Collect and destroy all the infested shoots and fruits.		
		stage				
	Brinjal	Transplantin		Thoroughly prepare the field with application of well dried FYM.		
		g stage		Maize should be planted on the border to control movement of white flies		
	Ginger /	Vegetative	Rhizome rot	The plot should be well drained free from water logging and while planting		
	turmeric	stage		healthy rhizomes should be used for cultivation so as to prevent rhizome rot.		
				Livestock		
	<ul> <li>Water stag</li> </ul>	gnation should b	e avoided in live	estock shed to avoid mosquito breeding		
	Poultry	Double	the watering sp	pace in poultry houses during summer. Provide plenty of fresh, clean and cool		
		drinkin	g water during l	not weather		
		• In order	r to encourage f	eed intake during summer, reduce the energy content of the feed by 10%		
		Birds m	nust be vaccinate	ed against infectious diseases		
		• Remov	e caked up and	wet litter immediately from the poultry house to stop excess heat production		
\\\ <del>\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\</del>	Piggery	• Ensure	that pigs have a	access to an abundant fresh, cool drinking water to avoid heat stress		
		Offer fe	eed that is highe	er in protein and vitamins to help compensate for their reductionin food intake as		
				ed during summer		
нарзінц ІСАВ		Fisheries				
ICAR.		Lime pond as per recommended dose @10kg/bigha				
		• Stock fish fingerling @8000/ha				
		Strengthen embankment to avoid erosion due to heavy rainfall				
				er size fish seed to ensure faster growth		
		in possible, stock orgger size fish seed to ensure faster growth				

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### Integrated Agromet Advisory Service Bulletin from 9<sup>th</sup> to 13<sup>th</sup> May'18 Phek District

### Bulletin No:37/2018

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Weather summary of the preceding week	Weather forecast valid upto 13 <sup>th</sup> May 2018
	Probability of light rain the coming week.
	■ Max temp is likely to be 23 <sup>o</sup> C - 24 <sup>o</sup> C and the min temp 14 <sup>o</sup> C to 15 <sup>o</sup> C
ranged $20^{\circ}$ C to $22^{\circ}$ C and $13^{\circ}$ C to $15^{\circ}$ C,	Sky is likely to be mainly cloudy the coming week
respectively.	■ Relative Humidity is likely to range from 36% to 94%.
■ Relative humidity varied from 28% to 90%.	■ Wind speed may reach upto 3-5 kmph
■ Wind speed ranged from 3 to 4 kmph	Wind direction will be southeasterly

- Timely weeding and earthing up should be carried out
- Use quality and certified seeds for all crops. Success in raising healthy seedlings depends to a larger extent on the quality of seeds. Before sowing, seed should be treated with biological control agent formulations which protects the seed against soilborn fungi and also give a boost to the seedlings Timely weeding and earthing up should be carried out as there is probability of light rain the coming week too

#### Field crops Pest/ Agro-meteorological Advisories Main Stage **Crops Diseases** • Place sticky traps in the drying and storage areas for rats. **Paddy** Storage • Storage rooms should be physically rodent and bird proof, if possible. • *Inspect the stored seeds once a week for signs of insect infestation.* Green gram Vegetative Clean cultivation should be maintained stage Maize vegetative Timely weeding and earthing up should be done for the plant to grow well stage Summer rain is erratic. Dig more number of jalkund or pond to store water right Water now. Harvested rainwater can give you off season vegetable and a good price harvesting

- Standing rain water in the field may be drained off immediately after rain
- Planting of vegetable seedlings may be done in raised bed to avoid the soil borne diseases / damping
- Soil application of biocontrol agents (Trichoderma) at 2.5kg/ha with farm manure before transplanting
- Transplanting of King chili should be done

	Khasi		Leaf miner,	Spray neem oil @5ml/litre water against leaf miner, aphids, mites. Shake the trees
	Mandarin		aphids,	to collect adult trunk borer
			mites, trunk	
			borer	
	Cucurbits	Vegetative	Red beetle	Till June is the peak period of activity.
		stage		Cultural practices like clean cultivation should be carried out so as to reduce the
				pest damage.
	Okra	Flowering stage	-	Collect and destroy all the infested shoots and fruits.
	Brinjal	Transplanting		Thoroughly prepare the field with application of well dried FYM.
		stage		Maize should be planted on the border to control movement of white flies
	Ginger /	Vegetative	Rhizome rot	
	turmeric	stage		rhizomes should be used for cultivation so as to prevent rhizome rot.
				Livestock
				ivestock shed to avoid mosquito breeding
	Poultry		0 1	ce in poultry houses during summer. Provide plenty of fresh, clean and cool drinking
		water duri	ng hot weather	
		• In order to encourage feed intake during summer, reduce the energy content of the feed by 10%		
		Birds must be vaccinated against infectious diseases		
		Remove c.	aked up and wo	et litter immediately from the poultry house to stop excess heat production
	Piggery	• Ensure that	at pigs have acc	eess to an abundant fresh, cool drinking water to avoid heat stress
		Offer feed	that is higher	in protein and vitamins to help compensate for their reductionin food intake as pigs
		tend to eat	less feed durin	ng summer
				Fisheries
\\\\\-\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\		Lime pond	d as per recomi	mended dose @10kg/bigha
		Stock fish fingerling @8000/ha		
		Strengthen embankment to avoid erosion due to heavy rainfall		
				size fish seed to ensure faster growth
ICAR			,	8

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## Integrated Agromet Advisory Service Bulletin from 9<sup>th</sup> to 13<sup>th</sup> May'18 Tuensang District

#### **Bulletin No:37/2018**

# Weather summary of the preceding week Moderate rain occurred the past week Maximum and minimum temperatures ranged 17°C to 18°C and 11°C to 12°C, respectively. Relative humidity varied from 29% to 90%. Wind speed ranged from 3 to 4 kmph Weather forecast valid upto 13<sup>th</sup> May 2018 Probability of light rain the coming week. Max temp is likely to be 20°C - 21°C and the min temp 11°C to 12°C Sky is likely to be mainly cloudy the coming week Relative Humidity is likely to range from 30% to 90%. Wind speed may reach upto 3-4 kmph Wind direction will be southerly

- Timely weeding and earthing up should be carried out
- Use quality and certified seeds for all crops. Success in raising healthy seedlings depends to a larger extent on the quality of seeds. Before sowing, seed should be treated with biological control agent formulations which protects the seed against soil-born fungi and also give a boost to the seedlingsTimely weeding and earthing up should be carried out as there is probability of light rain the coming week too

### Field crops

Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
Paddy	Storage		<ul> <li>Place sticky traps in the drying and storage areas for rats.</li> <li>Storage rooms should be physically rodent and bird proof, if possible.</li> <li>Inspect the stored seeds once a week for signs of insect infestation.</li> </ul>
Green gram	Vegetative stage	-	Clean cultivation should be maintained
Maize	vegetative stage		Timely weeding and earthing up should be done for the plant to grow well
Water harvesting			Summer rain is erratic. Dig more number of jalkund or pond to store water right now. Harvested rainwater can give you off season vegetable and a good price

- Standing rain water in the field may be drained off immediately after rain
- Planting of vegetable seedlings may be done in raised bed to avoid the soil borne diseases / damping
- Soil application of biocontrol agents (Trichoderma) at 2.5kg/ha with farm manure before transplanting
- Transplanting of King chili should be done

Khasi	Leaf miner,	Spray neem oil @5ml/litre water against leaf miner, aphids, mites. Shake the
Mandarin	aphids,	trees to collect adult trunk borer
	mites, trunk	

			borer		
	Cucurbits	Vegetative stage	Red beetle	Till June is the peak period of activity.	
				Cultural practices like clean cultivation should be carried out so as to	
				reduce the pest damage.	
	Okra	Flowering stage	-	Collect and destroy all the infested shoots and fruits.	
	Brinjal	Transplanting		Thoroughly prepare the field with application of well dried FYM.	
		stage		Maize should be planted on the border to control movement of white flies	
	Ginger /	Vegetative stage	Rhizome rot	The plot should be well drained free from water logging and while planting	
	turmeric			healthy rhizomes should be used for cultivation so as to prevent rhizome rot.	
				Livestock	
				estock shed to avoid mosquito breeding	
	Poultry		~ -	e in poultry houses during summer. Provide plenty of fresh, clean and cool	
		drinking wa	ter during hot v	veather	
		• In order to e	encourage feed	intake during summer, reduce the energy content of the feed by 10%	
		Birds must be vaccinated against infectious diseases			
		Remove cake	ted up and wet	litter immediately from the poultry house to stop excess heat production	
	Piggery	• Ensure that	pigs have acces	ss to an abundant fresh, cool drinking water to avoid heat stress	
		<ul> <li>Offer feed t</li> </ul>	hat is higher in	protein and vitamins to help compensate for their reductionin food intake as	
		pigs tend to	eat less feed du	uring summer	
		Fisheries			
///		Lime pond as per recommended dose @10kg/bigha			
XIII		Stock fish fingerling @8000/ha			
		Strengthen embankment to avoid erosion due to heavy rainfall			
		If possible, stock bigger size fish seed to ensure faster growth			
भाक् अनुप		in possible, stock digger size fish seed to clisure faster growth			
ICAR					

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### Integrated Agromet Advisory Service Bulletin from 9<sup>th</sup> to 13<sup>th</sup> May'18 Wokha District

### **Bulletin No:37/2018**

Weather summary of the preceding week	Weather forecast valid upto 13 <sup>th</sup> May 2018
■ Moderate rain occurred the past week	Probability of light rain the coming week.
■ Maximum and minimum temperatures ranged	■ Max temp is likely to be $24^{\circ}$ C - $25^{\circ}$ C and the min temp $14^{\circ}$ C to $15^{\circ}$ C
$20^{0}$ C to $22^{0}$ C and $13^{0}$ C to $15^{0}$ C, respectively.	Sky is likely to be mainly cloudy the coming week
■ Relative humidity varied from 60% to 90%.	■ Relative Humidity is likely to range from 40% to 91%.
■ Wind speed ranged from 4 to 5 kmph	■ Wind speed may reach upto 4- 5 kmph
	Wind direction will be southeasterly

- Timely weeding and earthing up should be carried out
- Use quality and certified seeds for all crops. Success in raising healthy seedlings depends to a larger extent on the quality of seeds. Before sowing, seed should be treated with biological control agent formulations which protects the seed against soil-born fungi and also give a boost to the seedlings Timely weeding and earthing up should be carried out as there is probability of light rain the coming week too

### Field crops

Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
Paddy	Storage		<ul> <li>Place sticky traps in the drying and storage areas for rats.</li> <li>Storage rooms should be physically rodent and bird proof, if possible.</li> <li>Inspect the stored seeds once a week for signs of insect infestation.</li> </ul>
Green gram	Vegetative stage	-	Clean cultivation should be maintained
Maize	vegetative stage		Timely weeding and earthing up should be done for the plant to grow well
Water harvesting			Summer rain is erratic. Dig more number of jalkund or pond to store water right now. Harvested rainwater can give you off season vegetable and a good price

- Standing rain water in the field may be drained off immediately after rain
- Planting of vegetable seedlings may be done in raised bed to avoid the soil borne diseases / damping
- Soil application of biocontrol agents (Trichoderma) at 2.5kg/ha with farm manure before transplanting
- Transplanting of King chili should be done

	Khasi Mandarin		Leaf miner, aphids, mites, trunk borer	Spray neem oil @5ml/litre water against leaf miner, aphids, mites. Shake the trees to collect adult trunk borer		
	Cucurbits	Vegetative stage	Red beetle	Till June is the peak period of activity.  Cultural practices like clean cultivation should be carried out so as to reduce the pest damage.		
	Okra	Flowering stage	-	Collect and destroy all the infested shoots and fruits.		
	Brinjal	Transplanting stage		Thoroughly prepare the field with application of well dried FYM.  Maize should be planted on the border to control movement of white flies		
	Ginger / turmeric	Vegetative stage	Rhizome rot	The plot should be well drained free from water logging and while planting healthy rhizomes should be used for cultivation so as to prevent rhizome rot.		
	Water st	agnation should be avo	oided in livesto	Livestock ck shed to avoid mosquito breeding		
	Poultry	<ul> <li>Double the watering space in poultry houses during summer. Provide plenty of fresh, clean and coo drinking water during hot weather</li> <li>In order to encourage feed intake during summer, reduce the energy content of the feed by 10%</li> <li>Birds must be vaccinated against infectious diseases</li> <li>Remove caked up and wet litter immediately from the poultry house to stop excess heat production</li> </ul>				
Piggery		<ul> <li>Ensure that pigs have access to an abundant fresh, cool drinking water to avoid heat stress</li> <li>Offer feed that is higher in protein and vitamins to help compensate for their reductionin food intake as pigs tend to eat less feed during summer</li> </ul>				
	Fisheries					
<ul> <li>Lime pond as per recommended dose @10kg/bigha</li> <li>Stock fish fingerling @8000/ha</li> <li>Strengthen embankment to avoid erosion due to heavy rainfall</li> </ul>			/ha			
				fish seed to ensure faster growth		

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### Integrated Agromet Advisory Service Bulletin from 9<sup>th</sup> to 13<sup>th</sup> May'18 Zunheboto District

#### Bulletin No:37/2018

Weather summary of the preceding week	Weather forecast valid upto 13 <sup>th</sup> May 2018
<ul> <li>Moderate rain occurred the past week</li> <li>Maximum and minimum temperatures ranged 18°C to 21°C and 12°C to 14°C, respectively.</li> <li>Relative humidity varied from 31% to 90%.</li> <li>Wind speed ranged from 4 to 5 kmph</li> </ul>	■ Probability of light rain the coming week.
	Wind direction will be southeasterly

- Timely weeding and earthing up should be carried out
- Use quality and certified seeds for all crops. Success in raising healthy seedlings depends to a larger extent on the quality of seeds. Before sowing, seed should be treated with biological control agent formulations which protects the seed against soil-born fungi and also give a boost to the seedlingsTimely weeding and earthing up should be carried out as there is probability of light rain the coming week too

### Field crops

Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
Paddy	Storage		<ul> <li>Place sticky traps in the drying and storage areas for rats.</li> <li>Storage rooms should be physically rodent and bird proof, if possible.</li> <li>Inspect the stored seeds once a week for signs of insect infestation.</li> </ul>
Green gram	Vegetative stage	-	Clean cultivation should be maintained
Maize	vegetative stage		Timely weeding and earthing up should be done for the plant to grow well
Water harvesting			Summer rain is erratic. Dig more number of jalkund or pond to store water right now. Harvested rainwater can give you off season vegetable and a good price

- Standing rain water in the field may be drained off immediately after rain
- Planting of vegetable seedlings may be done in raised bed to avoid the soil borne diseases / damping
- Soil application of biocontrol agents (Trichoderma) at 2.5kg/ha with farm manure before transplanting
- Transplanting of King chili should be done

	Khasi		Leaf miner,	Spray neem oil @5ml/litre water against leaf miner, aphids, mites. Shake the			
	Mandarin		aphids,	trees to collect adult trunk borer			
	1120110001011		mites, trunk	Trees to concer danie frank bore.			
			borer				
	Cucurbits	Vegetative stage	Red beetle	Till June is the peak period of activity.			
				Cultural practices like clean cultivation should be carried out so as to reduce			
				the pest damage.			
	Okra	Flowering stage	-	Collect and destroy all the infested shoots and fruits.			
	Brinjal	Transplanting	-	Thoroughly prepare the field with application of well dried FYM.			
		stage		Maize should be planted on the border to control movement of white flies			
	Ginger /	Vegetative stage	Rhizome rot	The plot should be well drained free from water logging and while planting			
	turmeric			healthy rhizomes should be used for cultivation so as to prevent rhizome rot.			
	Livestock						
	Water stagnation should be avoided in livestock shed to avoid mosquito breeding						
	Poultry	• Double the watering space in poultry houses during summer. Provide plenty of fresh, clean and cool					
	drinking water during hot weather						
		• In order to encourage feed intake during summer, reduce the energy content of the feed by 10%					
		Birds must be vaccinated against infectious diseases					
		Remove caked up and wet litter immediately from the poultry house to stop excess heat production					
	Piggery	Ensure that pigs have access to an abundant fresh, cool drinking water to avoid heat stress					
	• Offer feed that is higher in protein and vitamins to help compensate for their reductionin food pigs tend to eat less feed during summer						
		Fisheries — — — — — — — — — — — — — — — — — — —					
	Lime pond as per recommended dose @10kg/bigha						
	Stock fish fingerling @8000/ha						
	Strengthen embankment to avoid erosion due to heavy rainfall						
	If possible, stock bigger size fish seed to ensure faster growth						
magam		in possible, stock organism seed to ensure ruster growth					
ICAR							

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