

## Integrated Agromet Advisory Service Bulletin from 2<sup>nd</sup> to 6<sup>th</sup> May'18 Dimapur District

### Bulletin No:35/2018

Flowering stage

Duneun N0:35/2018					
Weather summary of the preceding week			Weather forecast valid upto 6 <sup>th</sup> May 2018		
Light rain occurr			<ul> <li>Probability of light rain the coming week.</li> </ul>		
	ninimum temperatu		<sup>o</sup> C to <b>• Max temp</b> is likely to be $30^{\circ}$ C - $31^{\circ}$ C and the <b>min temp</b> $19^{\circ}$ C to $20^{\circ}$ C		
$34^{\circ}$ C and $17^{\circ}$ C to	o 20 <sup>0</sup> C, respectively		Sky is likely to be partly cloudy the coming week		
Relative humidit	y varied from 42%	to 96%.	• <b>Relative Humidity</b> is likely to range from 26% to 87%.		
<ul> <li>Wind speed rang</li> </ul>	ged from 1 to 2 kmp	h	• Wind speed may reach upto 2- 4 kmph		
			Wind direction will be mostly easterly		
• Timely we	eding and earthing	un should be as	arried out		
• Thirdly we					
			Field crops		
Main Crops	Stage	Pest/	Agro-meteorological Advisories		
•	0	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		
			Horticultural crop		
Standing ra	ain water in the field	l may be draine	ed off immediately after rain		
Planting of	f vegetable seedling	s may be done	in raised bed to avoid the soil borne diseases / damping		
J J J J J J J J J J J J J J J J J J J			derma) 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		Provide Proper staking		

Timely earthing up should be done

ICAR RESEARCH COMPLEX FOR NEH REGION (Indian Council of Agricultural Research) NAGALAND CENTER, JHARNAPANI. MEDZIPHEMA

Okra

	Brinjal	Field preparation	Thoroughly prepare the field with application of well dried FYM. Maize should be planted on the border to control movement of white flies				
	Ginger / Sowing turmeric		- Before sowing, treat ginger rhizome in 5% (5 kg in 100 litre of water) Biozin containing Pseudomonas aeruginosa, Trichoderma harzianum and Bacillus brevis for 1 hr.				
			Livestock				
	• Water stag	nation should be ave	bided in livestock 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 t	• 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 th	hat pigs have access to an abundant fresh, cool drinking water to avoid heat stress				
		Offer fee	ed that is higher in protein and vitamins to help compensate for their reductionin food intake as				
		pigs tend	to eat less feed during summer				
	Fisheries						
H HI	Lime pond as per recommended dose @10kg/bigha						
		• Stock fish fingerling @8000/ha					
		• Strengthen embankment to avoid erosion due to heavy rainfall					
भाकुअनुम ICAR		• If possibl	le, stock bigger size fish seed to ensure faster growth				

Sl.no	Name	Designation	Department	
1	Dr.D.J. Rajkhowa	Principle Scientist	Agronomy	djrajkhowa@gmail.com
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## Integrated Agromet Advisory Service Bulletin from 2<sup>nd</sup> to 6<sup>th</sup> May'18 Kiphire District

#### Bulletin No:35/2018

Weather summary of the preceding week	Weather forecast valid upto 6 <sup>th</sup> May 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 $25^{\circ}$ C - $26^{\circ}$ C and the min temp $15^{\circ}$ C to $16^{\circ}$ C				
$26^{\circ}$ C to $28^{\circ}$ C and $15^{\circ}$ C to $16^{\circ}$ 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 29% to 90%.				
• Wind speed ranged from 3 to 4 kmph	• Wind speed may reach upto 3-4 kmph				
	Wind direction will be mostly easterly				
• Timely weeding and earthing up should be ca	rried 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

- Hunsplan	• Transplanting of Txing entry 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		Provide Proper staking			
Okra	Flowering stage	-	Timely earthing up should be done			

ICAR RESEARCH COMPLEX FOR NEH REGION (Indian Council of Agricultural Research) NAGALAND CENTER, JHARNAPANI. MEDZIPHEMA

	Brinjal	Field preparation		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	Sowing	-	Before sowing, treat ginger rhizome in 5% (5 kg in 100 litre of water) Biozin containing Pseudomonas aeruginosa, Trichoderma harzianum and Bacillus brevis for 1 hr.		
			• 1 1 • 1•	Livestock		
				ck shed to avoid mosquito breeding		
	Poultry		watering spac ter during hot v	the in poultry houses during summer. Provide plenty of fresh, clean and cool weather		
			U	intake during summer, reduce the energy content of the feed by 10%		
		Birds must b	be vaccinated a	gainst infectious diseases		
			e caked 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		
			-	protein and vitamins to help compensate for their reductionin food intake as pigs		
		tend to eat le	ess feed during	summer		
				Fisheries		
H HI		• Lime pond a	as per recomme	ended dose @10kg/bigha		
		Stock fish fi	ngerling @800	00/ha		
		• Strengthen e	embankment to	avoid erosion due to heavy rainfall		
भाकुंअनुष ICAR		• If possible, s	stock bigger siz	ze fish seed to ensure faster growth		

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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 2<sup>nd</sup> to 6<sup>th</sup> May'18 Kohima District

### Bulletin No:35/2018

Weather summary of the preceding week	Weather forecast valid upto 6 <sup>th</sup> May 2018					
Light rain occurred the past week	Probability of moderate rain the coming week.					
• Maximum and minimum temperatures ranged 23	• Max temp is likely to be $22^{\circ}$ C - $23^{\circ}$ C and the min temp $13^{\circ}$ C to $14^{\circ}$ C					
$^{0}$ C to 26 $^{0}$ C and 14 $^{0}$ C to 15 $^{0}$ C, respectively.	Sky is likely to be mainly cloudy the coming week					
Relative humidity varied from 34% to 90%.	Relative Humidity is likely to range from 47% to 92%.					
• Wind speed ranged from 3 to 4 kmph	• Wind speed may reach upto 2-3 kmph					
	Wind direction will be mostly easterly					
• Timely weeding and earthing up should be carried out as there is probability of light rain the coming week too						

• This is probability of light rail the conting 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			
<ul> <li>Horticultural crop</li> <li>Standing rain water in the field may be drained off immediately after rain</li> <li>Planting of vegetable seedlings may be done in raised bed to avoid the soil borne diseases / damping</li> </ul>						

- Soil application of biocontrol agents (Trichoderma) at 2.5kg/ha with farm manure before transplanting
- Transplanting of King chili should be done

<u>1</u>	0 0		
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	

ICAR RESEARCH COMPLEX FOR NEH REGION (Indian Council of Agricultural Research) NAGALAND CENTER, JHARNAPANI. MEDZIPHEMA

	Cucurbits	Vegetative stage		Provide Proper staking		
	Okra	Flowering stage	-	Timely earthing up should be done		
	Brinjal	Field preparation		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	Sowing	-	Before sowing, treat ginger rhizome in 5% (5 kg in 100 litre of water) Biozin containing Pseudomonas aeruginosa, Trichoderma harzianum and Bacillus brevis for 1 hr.		
	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 s	tagnation should be av	voided in livesto	<i>Livestock</i> ock shed to avoid mosquito breeding		
	Poultry	<ul><li>drinking wa</li><li>In order to</li><li>Birds must</li></ul>	ater during hot v encourage feed be vaccinated a	in poultry houses during summer. Provide plenty of fresh , clean and cool weather intake during summer, reduce the energy content of the feed by 10% gainst infectious diseases litter immediately from the poultry house to stop excess heat production		
	<ul> <li><i>Piggery</i></li> <li>Ensure that pigs have access to an abundant fresh, cool drinking water to avoid heat s</li> <li>Offer feed that is higher in protein and vitamins to help compensate for their reduct as pigs tend to eat less feed during summer</li> </ul>					
	Fisheries					
Higp3rigi ICAR		<ul><li>Stock fish f</li><li>Strengthen</li></ul>	fingerling @800 embankment to	ended dose @10kg/bigha 00/ha o avoid erosion due to heavy rainfall ze fish seed to ensure faster growth		

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# Integrated Agromet Advisory Service Bulletin from 2<sup>nd</sup> to 6<sup>th</sup> May'18 Longleng District

#### Bulletin No:35/2018

Weather summary of the preceding week	Weather forecast valid upto 6 <sup>th</sup> May 2018				
Light rain occurred the past week	<ul> <li>Probability of light rain the coming week.</li> </ul>				
• Maximum and minimum temperatures ranged 24 <sup>°</sup> C	• Max temp is likely to be $25^{\circ}$ C - $26^{\circ}$ C and the min temp $15^{\circ}$ C to $16^{\circ}$ C				
to $27^{\circ}$ C and $17^{\circ}$ C to $18^{\circ}$ C, respectively.	Sky is likely to be mainly cloudy the coming week				
• Relative humidity varied from 23% to 85%.	• <b>Relative Humidity</b> is likely to range from 31% to 89%.				
•Wind speed ranged from 3 to 4 kmph	• Wind speed may reach upto 2- 3 kmph				
	Wind direction will be mostly southeasterly				

• 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		<i>Timely weeding and earthing up should be done for the plant to grow well</i>	
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	
		1	Horticultural crop	
• Standing	g rain water in the field		off immediately after rain	
	0	•	raised bed to avoid the soil borne diseases / damping	
<ul> <li>Soil application of biocontrol agents (Trichoderma) at 2.5kg/ha with farm manure before transplanting</li> <li>Transplanting of King chili should be done</li> </ul>				
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		Provide Proper staking	

	Okra	Flowering stage		Timely earthing up should be done			
	Окта	Flowering stage	-	Timely earlining up should be done			
	Brinjal	Field preparation		Thoroughly prepare the field with application of well dried FYM.			
				Maize should be planted on the border to control movement of white flies			
	Ginger /	Sowing		Before sowing, treat ginger rhizome in 5% (5 kg in 100 litre of water)			
	turmeric	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~		Biozin containing Pseudomonas aeruginosa, Trichoderma harzianum and			
				Bacillus brevis for 1 hr.			
				Livestock			
	Water stag	gnation should be ave	oided in livestoc	k 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	ncourage feed i	ntake during summer, reduce the energy content of the feed by 10%			
		Birds must b	be vaccinated ag	ainst infectious diseases			
		Remove cak	ed 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 th	nat is higher in j	protein and vitamins to help compensate for their reductionin food intake as			
		pigs tend to	eat less feed du	ring summer			
	Fisheries						
Lime pond as per recommended dose @10kg/bigha				nded dose @10kg/bigha			
	<ul> <li>Stock fish fingerling @8000/ha</li> </ul>						
		<ul> <li>Strengthen embankment to avoid erosion due to heavy rainfall</li> </ul>					
भारतज्ञानप		-		e fish seed to ensure faster growth			
ICAR		in possible, t					

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## Integrated Agromet Advisory Service Bulletin from 2<sup>nd</sup> to 6<sup>th</sup> May'18 Mokokchung District

#### Bulletin No:35/2018

Duiletin 110:35/2010					
Weather summary of the preceding week	Weather forecast valid upto 6 <sup>th</sup> May 2018				
Light rain occurred the past week	<ul> <li>Probability of light rain the coming week.</li> </ul>				
• Maximum and minimum temperatures ranged	• Max temp is likely to be $25^{\circ}$ C - $26^{\circ}$ C and the min temp $15^{\circ}$ C to $16^{\circ}$ C				
$28^{\circ}$ C to $30^{\circ}$ C and $14^{\circ}$ C to $15^{\circ}$ C, respectively.	Sky is likely to be mainly cloudy the coming week				
• Relative humidity varied from 29% to 80%.	• <b>Relative Humidity</b> is likely to range from 45% to 90%.				
• 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 c	arried out as there is probability of light rain the coming week too				
Field crops					

Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
<b>_</b>	<b>A</b> .	Distasts	
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
harvesting			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

- Hunsp	· Transplanting of King entri 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		Provide Proper staking			

ICAR RESEARCH COMPLEX FOR NEH REGION (Indian Council of Agricultural Research) NAGALAND CENTER, JHARNAPANI,MEDZIPHEMA

	Okra	Flowering stage	-	Timely earthing up should be done
	Brinjal	Field preparation		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	Sowing	-	Before sowing, treat ginger rhizome in 5% (5 kg in 100 litre of water) Biozin containing Pseudomonas aeruginosa, Trichoderma harzianum and Bacillus brevis for 1 hr.
	• Water s	stagnation should be a	voided in livest	<i>Livestock</i> ock shed to avoid mosquito breeding
	<ul> <li>water during hot weather</li> <li>In order to encourage feed intake during summer, reduce the energy</li> <li>Birds must be vaccinated against infectious diseases</li> </ul>			
Piggery         • Ensure that pigs have access to an abundant fresh, cool drinking			protein and vitamins to help compensate for their reductionin food intake as pigs	
				Fisheries
HIED 3H-FIL ICAR		<ul><li>Stock fish fin</li><li>Strengthen er</li></ul>	gerling @8000 nbankment to a	ded dose @10kg/bigha /ha woid erosion due to heavy rainfall fish seed to ensure faster growth

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## Integrated Agromet Advisory Service Bulletin from 2<sup>nd</sup> to 6<sup>th</sup> May'18 Mon District

### Bulletin No:35/2018

Weather s	summary of the pre-	ceding week	Weather forecast valid upto 6 <sup>th</sup> May 2018		
<u> </u>	curred the past week		<ul> <li>Probability of light rain the coming week.</li> </ul>		
	nd minimum temp				
$26^{\circ}$ C to $28^{\circ}$ C	and $14^{0}$ C to $16^{0}$ C, 1	respectively.	Sky is likely to be mainly cloudy the coming week		
	idity varied from 33		• <b>Relative Humidity</b> is likely to range from 39% to 90%.		
• Wind speed r	ranged from 3 to 5 k	mph	• Wind speed may reach upto 2- 4 kmph		
			Wind direction will be mostly southeasterly		
Timely weedin	g and earthing up sl	nould be carried of	but		
			Field crops		
			·		
Main	Stage	Pest/	Agro-meteorological Advisories		
Crops	U	Diseases			
Jhum Paddy			• Maize and pulses should be grown as strip crop in hill slopes		
			• Use certified seeds and if there is a history of occurrence of diseases in		
			that particular field then use a resistant variety.		
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	-	Clean cultivation should be maintained		
stage					
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		
harvesting			right now. Harvested rainwater can give you off season vegetable and a		
3			good price		
			Horticultural crop		
			1		

• 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

1	0 0		
Khasi		Leaf miner,	Spray neem oil @5ml/litre water against leaf miner, aphids, mites. Shake the
Mandarin		aphids, mites,	trees to collect adult trunk borer
		trunk borer	

	Cucurbits	Vegetative stage	Provide Proper staking			
	<i>Okra</i> Flowering stage		- Timely earthing up should be done			
	Brinjal	Field preparation	Thoroughly prepare the field with application of well dried FYM.Maize should be planted on the border to control movement of white flies			
	Ginger / Sowing turmeric		- Before sowing, treat ginger rhizome in 5% (5 kg in 100 litre of water) Biozin containing Pseudomonas aeruginosa, Trichoderma harzianum and Bacillus brevis for 1 hr.			
		<u>.</u>	Livestock			
	• Water s	tagnation should be	avoided in livestock shed to avoid mosquito breeding			
	Poultry		the watering space in poultry houses during summer. Provide plenty of fresh, clean and cool			
	2		g water during hot weather			
		l c				
			to encourage feed intake during summer, reduce the energy content of the feed by 10%			
		Birds m	ust be vaccinated against infectious diseases			
		Remove	caked up and wet litter immediately from the poultry house to stop excess heat production			
	Piggery	Ensure t	hat pigs have access to an abundant fresh, cool drinking water to avoid heat stress			
		Offer fe	ed that is higher in protein and vitamins to help compensate for their reductionin food intake			
		as pigs t	end to eat less feed during summer			
			Fisheries			
	Lime pond as per recommended dose @10kg/bigha					
	• Stock fish fingerling @8000/ha					
	<ul> <li>Strengthen embankment to avoid erosion due to heavy rainfall</li> </ul>					
भाकुअनुप		0	ble, stock bigger size fish seed to ensure faster growth			
ICAR		• II possic				

Sl.no	Name	Designation	Department	
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5	Dr. Mahak Singh	Scientist	Animal Reproduction & Gynaecology	mahaksinghivri@gmail.com
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## Integrated Agromet Advisory Service Bulletin from 2<sup>nd</sup> to 6<sup>th</sup> May'18 Peren District

#### Bulletin No:35/2018

Weather summary of the preceding week	Weather forecast valid upto 6 <sup>th</sup> May 2018
Light rain occurred the past week	<ul> <li>Probability of light rain the coming week.</li> </ul>
• 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
$26^{\circ}$ C to $29^{\circ}$ C and $14^{\circ}$ C to $15^{\circ}$ C, respectively.	Sky is likely to be mainly cloudy the coming week
Relative humidity varied from 30% to 87%.	• <b>Relative Humidity</b> is likely to range from 46% to 95%.
Wind speed ranged from 3 to 4 kmph	• Wind speed may reach upto 2-3 kmph
	Wind direction will be mostly southeasterly

Field crops

• Timely weeding and earthing up should be carried out as there is probability of light rain the coming week too

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
Ŭ		•	ained off immediately after rain
•	U	•	one in raised bed to avoid the soil borne diseases / damping
11		<b>U</b> .	choderma) at 2.5kg/ha with farm manure before transplanting
Transplanting of King chili should be done			

	ing of King child be dolle						
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					

ICAR RESEARCH COMPLEX FOR NEH REGION (Indian Council of Agricultural Research) NAGALAND CENTER, JHARNAPANI. MEDZIPHEMA

			borer		
	Courselite	Manadation			
	Cucurbits	Vegetative stage		Provide Proper staking	
	Okra	Flowering stage	-	Timely earthing up should be done	
	Brinjal	Field preparation		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	Sowing	-	Before sowing, treat ginger rhizome in 5% (5 kg in 100 litre of water) Biozin containing Pseudomonas aeruginosa, Trichoderma harzianum and Bacillus brevis for 1 hr.	
	• Water stag	gnation should be	avoided in live	<i>Livestock</i> estock shed to avoid mosquito breeding	
	Poultry	• Double		pace in poultry houses during summer. Provide plenty of fresh, clean and cool	
			U	eed intake during summer, reduce the energy content of the feed by 10% ed against infectious diseases	
				wet litter immediately from the poultry house to stop excess heat production	
WH HA	Piggery	• Ensure t	hat pigs have a	access to an abundant fresh, cool drinking water to avoid heat stress	
			U	er in protein and vitamins to help compensate for their reductionin food intake as ed during summer	
भाक्रांअनुष	Fisheries				
ICH I	Lime pond as per recommended dose @10kg/bigha				
		Stock fit	sh fingerling @	28000/ha	
		• Strength	en embankmer	nt to avoid erosion due to heavy rainfall	
		• If possit	ole, stock bigge	er size fish seed to ensure faster growth	

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5	Dr. Mahak Singh	Scientist	Animal Reproduction & Gynaecology	mahaksinghivri@gmail.com
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## **Integrated Agromet Advisory Service Bulletin from 2<sup>nd</sup> to 6<sup>th</sup> May'18** Phek District

#### Bulletin No:35/2018

Weather summary of the preceding week	Weather forecast valid upto 6 <sup>th</sup> May 2018
Light rain occurred the past week	<ul> <li>Probability of light rain the coming week.</li> </ul>
	• Max temp is likely to be $23^{\circ}$ C - $24^{\circ}$ C and the min temp $14^{\circ}$ C to $15^{\circ}$ C
0	Sky is likely to be mainly cloudy the coming week
respectively.	• <b>Relative Humidity</b> is likely to range from 35% to 90%.
• Relative humidity varied from 28% to 85%.	• Wind speed may reach upto 2-3 kmph
• Wind speed ranged from 3 to 4 kmph	Wind direction will be southeasterly

• Timely weeding and earthing up should be carried out as there is probability of light rain the coming week too

Field crops						
Main Stage Pest/		Pest/	Agro-meteorological Advisories			
Crops		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 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	g of vegetable see	edlings 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

	0 0			4
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		

ICAR RESEARCH COMPLEX FOR NEH REGION (Indian Council of Agricultural Research) NAGALAND CENTER, JHARNAPANI, MEDZIPHEMA

			borer			
	Cucurbits	Vegetative stage		Provide Proper staking		
	Okra	Flowering stage	-	Timely earthing up should be done		
	Brinjal	Field preparation		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	Sowing	-	Before sowing, treat ginger rhizome in 5% (5 kg in 100 litre of water) Biozin containing Pseudomonas aeruginosa, Trichoderma harzianum and Bacillus brevis for 1 hr.		
	• Water	stagnation should l	be avoided in 1	<i>Livestock</i> ivestock shed to avoid mosquito breeding		
	Poultry	<ul><li>water duri</li><li>In order to</li><li>Birds must</li></ul>	ng hot weather encourage fee t be vaccinated	ce in poultry houses during summer. Provide plenty of fresh , clean and cool drinking ed intake during summer, reduce the energy content of the feed by 10% I against infectious diseases et litter immediately from the poultry house to stop excess heat production		
	<ul> <li><i>Piggery</i></li> <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		
HIGP3HILI ICAR		<ul><li>Stock fish</li><li>Strengther</li></ul>	fingerling @8	nended dose @10kg/bigha 000/ha to avoid erosion due to heavy rainfall size fish seed to ensure faster growth		

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	Dr. Azeze Seyie	Scientist	Spices, Plantation & Medicinal &	
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## **Integrated Agromet Advisory Service Bulletin from 2<sup>nd</sup> to 6<sup>th</sup> May'18** Tuensang District

#### Bulletin No:35/2018

	55/2010					
Weather summary of the preceding week			Weather forecast valid upto 6 <sup>th</sup> May 2018			
Light rain oco	curred the past weel	ζ.	Probability of light rain the coming week.			
Maximum ar	nd minimum tempe	ratures ranged	• Max temp is likely to be $22^{\circ}$ C - $23^{\circ}$ C and the min temp $12^{\circ}$ C to $13^{\circ}$ C			
$25^{\circ}$ C to $27^{\circ}$ C	and $13^{0}$ C to $14^{0}$ C,	respectively.	Sky is likely to be mainly cloudy the coming week			
	idity varied from 29		• <b>Relative Humidity</b> is likely to range from 36% to 95%.			
Wind speed	ranged from 3 to 4 l	kmph	• Wind speed may reach upto 3-4 kmph			
-	-	-	• Wind direction will be southeasterly			
• Timely weeding and earthing up should be carried out as there is probability of light rain the coming week too						
Field crops						
· ·						
Main	Stage	Pest/	Agro-meteorological Advisories			
Crops		Diseases				

Crops	Blage	Diseases	Agro-incicorologicar Auvisories		
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		
<ul> <li><i>Horticultural crop</i></li> <li>Standing rain water in the field may be drained off immediately after rain</li> </ul>					
• Plantin	<ul> <li>Planting of vegetable seedlings may be done in raised bed to avoid the soil borne diseases / damping</li> <li>Soil application of biocontrol agents (Trichoderma) at 2.5kg/ha with farm manure before transplanting</li> </ul>				

• Transplanting of King chili should be done

ITanop	Transpranting of thing entit 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				

ICAR RESEARCH COMPLEX FOR NEH REGION (Indian Council of Agricultural Research) NAGALAND CENTER,JHARNAPANI. MEDZIPHEMA

	<i>a</i> 1.4	<b>X</b> <i>T</i> ( ) <sup>*</sup> (					
	Cucurbits	Vegetative stage		Provide Proper staking			
	Okra	Flowering stage	-	Timely earthing up should be done			
	Brinjal	Field preparation		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	Sowing	-	Before sowing, treat ginger rhizome in 5% (5 kg in 100 litre of water) Biozin containing Pseudomonas aeruginosa, Trichoderma harzianum and Bacillus brevis for 1 hr.			
				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 intake as						
		pigs tend to	eat less feed du	ring summer			
	Fisheries						
		Lime pond a	as per recomme	nded dose @10kg/bigha			
AL CONTX	Stock fish fingerling @8000/ha						
		<ul> <li>Strengthen embankment to avoid erosion due to heavy rainfall</li> </ul>					
		• If possible,	stock bigger siz	e fish seed to ensure faster growth			
HID							

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## Integrated Agromet Advisory Service Bulletin from 2<sup>nd</sup> to 6<sup>th</sup> May'18 Wokha District

#### Bulletin No·35/2018

Weather summary of the preceding week	Weather forecast valid upto 6 <sup>th</sup> May 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 $24^{\circ}$ C - $25^{\circ}$ C and the min temp $14^{\circ}$ C to $15^{\circ}$ C
$26^{\circ}$ C to $29^{\circ}$ C and $14^{\circ}$ C to $15^{\circ}$ C, respectively.	Sky is likely to be mainly cloudy the coming week
Relative humidity varied from 32% to 85%.	• <b>Relative Humidity</b> is likely to range from 52% to 91%.
• Wind speed ranged from 4 to 5 kmph	• Wind speed may reach upto 3- 4 kmph
	Wind direction will be southeasterly
• Timely weeding and earthing up should be ca	rried out as there is probability of light rain the coming week too

Field crops

i imely weeding and earthing up should be carried out as there is probability of light rain the coming week too

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
<ul><li>Plantin</li><li>Soil ap</li></ul>	g of vegetable seedling plication of biocontrol	s may be done agents (Trichoc	ed off immediately after rain in raised bed to avoid the soil borne diseases / damping lerma) at 2.5kg/ha with farm manure before transplanting
• Transp. Khasi Mandarin	lanting of King chili sh	Leaf miner, aphids,	Spray neem oil @5ml/litre water against leaf miner, aphids, mites. Shake the trees to collect adult trunk borer

aphids, mites, trunk borer

NAGALAND CENTER, JHARNAPANI.MEDZIPHEMA ICAR RESEARCH COMPLEX FOR NEH REGION (Indian Council of Agricultural Research)

	Cucurbits	Vegetative stage		Provide Proper staking		
	Okra	Flowering stage	-	Timely earthing up should be done		
	Brinjal	Field preparation		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	Sowing	-	Before sowing, treat ginger rhizome in 5% (5 kg in 100 litre of water) Biozin containing Pseudomonas aeruginosa, Trichoderma harzianum and Bacillus brevis for 1 hr.		
Water stagnation should be avoided in livestock shed to avoid mosquito breeding				Livestock		
	<ul> <li>Poultry</li> <li>Double the watering space in poultry houses during summer. Provide plenty of fresh drinking water during hot weather</li> <li>In order to encourage feed intake during summer, reduce the energy content of the feed</li> </ul>					
			U	ainst infectious diseases tter immediately from the poultry house to stop excess heat production		
\\\\///	Piggery		is higher in p	to an abundant fresh, cool drinking water to avoid heat stress rotein and vitamins to help compensate for their reductionin food intake as ing summer		
X	Fisheries					
		<ul> <li>Lime pond as per recommended dose @10kg/bigha</li> <li>Stock fish fingerling @8000/ha</li> </ul>				
भाकुं अनुष ICAR		Ũ	e	woid erosion due to heavy rainfall		
		Ũ		fish seed to ensure faster growth		

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# **Integrated Agromet Advisory Service Bulletin from 2<sup>nd</sup> to 6<sup>th</sup> May'18** Zunheboto District

#### Bulletin No:35/2018

Weather summary of the preceding week	Weather forecast valid upto 6 <sup>th</sup> May 2018
<ul> <li>Light rain occurred the past week</li> <li>Maximum and minimum temperatures ranged 25°C to 29°C and 14°C to 15°C, respectively.</li> <li>Relative humidity varied from 31% to 84%.</li> <li>Wind speed ranged from 4 to 5 kmph</li> </ul>	<ul> <li>Probability of light rain the coming week.</li> <li>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</li> <li>Sky is likely to be mainly cloudy the coming week</li> <li>Relative Humidity is likely to range from 43% to 90%.</li> <li>Wind speed may reach upto 3-4 kmph Wind direction will be southeasterly</li> </ul>

• 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 gron			

#### 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

1	0 0		
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	

ICAR RESEARCH COMPLEX FOR NEH REGION (Indian Council of Agricultural Research) NAGALAND CENTER, JHARNAPANI. MEDZIPHEMA

			borer			
	Cucurbits	Vegetative stage		Provide Proper staking		
	Okra	Flowering stage	-	Timely earthing up should be done		
	Brinjal	Field preparation		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	Sowing	-	Before sowing, treat ginger rhizome in 5% (5 kg in 100 litre of water) Biozin containing Pseudomonas aeruginosa, Trichoderma harzianum and Bacillus brevis for 1 hr.		
	Poultry	<ul> <li>Double the watering space in poultry houses during summer. Provide plenty of fresh , clean and cool 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><i>ry</i></li> <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					
Higp Story ICAR	<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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