

Cucurbits

Flowering stage



### Integrated Agromet Advisory Service Bulletin from 4<sup>th</sup> to 8<sup>th</sup> July'18 Peren District

#### **Bulletin No:53/2018**

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Weather summary of the preceding week	Weather forecast valid upto 8 <sup>th</sup> July 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 27 <sup>o</sup> C - 28 <sup>o</sup> C and the min temp 20 <sup>o</sup> C to 22 <sup>o</sup> C
$26^{\circ}$ C to $30^{\circ}$ C and $19^{\circ}$ C to $20^{\circ}$ C, respectively.	Sky is likely to be mainly cloudy the coming week
■ Relative humidity varied from 60% to 94%.	■ Relative Humidity is likely to range from 72% to 95%.
■ Wind speed ranged from 2 to 3 kmph	■ Wind speed may reach upto 4-5 kmph
	Wind direction will be southerly

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

Field crops

Tiem Crops						
<b>Main Crops</b>	Stage	Pest/	Agro-meteorological Advisories			
_		Diseases				
Jhum Paddy	Tillering stage	e Stem borer	Maintain weed free field to reduce stem borer infestation			
TRC/WRC paddy	Nursery		Prepare the nursery by plowing at least twice and harrow at least once. Level the soil surface and put in drainage lines across the field. Broadcast seed in the nursery evenly, over the water covered soil surface Seed treatment should be done			
Green gram	reen gram Harvesting -		Timely harvesting should be done			
Maize	Maize Harvesting stage		Timely harvesting should be done			
	Horticultural crop					
• Proper we	eeding, earthing	up should be do	one and staking should be done for good production.			
		Mealy bug	➤ In citrus orchard, destroy the ant colonies (black ants) as they act as the carriers of mealy bug. The affected plants become pale, wilt and			

may die also. In heavily attacked plants, citrus fruits do not set.

Vines are very delicate. Take care not to damage vines, which reduce the

quality of fruit. Bees are essential for pollination, so be mindful when using

> Timely weeding should be carried out

				insecticides to kill pests. If you must use, apply only in late afternoon or early evening when blossoms are closed for the day.
	Okra	Fruiting to harvesting stage	Spotted bollworm	<ul> <li>In the present weather condition, spotted bollworm will be seen. The infested fruits will have a varying number of holes.</li> <li>Remove regularly the attacked fruits and bury deep in the soil.</li> </ul>
	Brinjal		Wilt	<ul> <li>Remove and destroy the affected plant</li> <li>Proper drainage should be maintained in the field</li> </ul>
	Ginger / turmeric	Vegetative stage		Timely earthing up and weeding/hoeing should be done.
		Livestock  Water stagnation should be avoided in livestock shed to avoid mosquito breeding.  Daily provide clean and cool drinking water to the animals		
	Poultry			
भाकुअनुम ICAR	Piggery	<ul> <li>Identify and isolate the infected and in contact animals</li> <li>Dispose the dead animals either by burning or deep burial</li> <li>Regular disinfection of shed and its premises with 1-2 % phenyl</li> <li>Regular de-worming to control internal parasites</li> <li>Keep the animal house clean and dry</li> </ul>		
		Fisheries		
		<ul><li>Proper</li><li>Adopt of the residual</li></ul>	inspection of w culture practice nanagement me	tion of old pond and excavation of new pond should be completed.  Fork should be done for new pond as per the technical advice easures are followed accordingly, a good harvest can be expected. It is advisable expert prior to taking any management measures

Sl.no	Name	Designation	Department	
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# Integrated Agromet Advisory Service Bulletin from 4<sup>th</sup> to 8<sup>th</sup> July'18 Phek District

<b>Bulletin No:</b>	:53/2018			
Weather sun	nmary of the pred	reding week	Weather forecast valid upto 8 <sup>th</sup> July 2018	
	curred the past we		■ Probability of moderate rain the coming week.	
	and minimum		■ Max temp is likely to be 25 <sup>o</sup> C - 26 <sup>o</sup> C and the min temp 19 <sup>o</sup> C to 21 <sup>o</sup> C	
ranged 25°C	to $30^{\circ}$ C and 1	$8^{0}$ C to $19^{0}$ C,	Sky is likely to be mainly cloudy the coming week	
respectively.			■ Relative Humidity is likely to range from 92% to 95%.	
■ Relative hum	idity varied from	28% to 92%.	■ Wind speed may reach upto 1-2 kmph	
■ Wind speed r	anged from 2 to 3	kmph	Wind direction will be mostly southerly	
Timely field sa	nitation should be	e done for all th	ne crops. Always use freshly prepared neem seed kernel extract. Apply pesticides only	
when required.	Don't apply more	e than the recor	mmended dose of the pesticide	
	Field crops			
Main	Stage	Pest/	Agro-meteorological Advisories	
Crops		Diseases		
Ihum Paddy	Tillering stage	Stam horar	Maintain wood free field to reduce stem borer infestation	

Main	Stage	Pest/	Agro-meteorological Advisories	
Crops		Diseases		
Jhum Paddy	Tillering stage	Stem borer	Maintain weed free field to reduce stem borer infestation	
TRC/WRC paddy	Nursery		Prepare the nursery by plowing at least twice and harrow at least once. Level the soil surface and put in drainage lines across the field. Broadcast seed in the nursery evenly, over the water covered soil surface Seed treatment should be done	
Green gram	Harvesting	-	Timely harvesting should be done	
Maize	Harvesting stage		Timely harvesting should be done	

### Horticultural crop

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

- Troper weeding, curring up should be done and staking should be done for good production.				
Citrus	Flowering to	Mealy bug	➤ In citrus orchard, destroy the ant colonies (black ants) as they act as the	
	fruiting stage		carriers of mealy bug. The affected plants become pale, wilt and may die	
			also. In heavily attacked plants, citrus fruits do not set.	
			> Timely weeding should be carried out	

	Cucurbits	Flowering stage		Vines are very delicate. Take care not to damage vines, which reduce the quality of	
	Cucurbus	Flowering stage			
				fruit. Bees are essential for pollination, so be mindful when using insecticides to kill	
				pests. If you must use, apply only in late afternoon or early evening when blossoms	
				are closed for the day.	
	Okra	Fruiting to	Spotted	• In the present weather condition, spotted bollworm will be seen. The infested	
		harvesting stage	bollworm	fruits will have a varying number of holes.	
				Remove regularly the attacked fruits and bury deep in the soil.	
	Brinjal		Wilt	Remove and destroy the affected plant	
				Proper drainage should be maintained in the field	
	Ginger /	Vegetative		Timely earthing up and weeding/hoeing should be done.	
	turmeric	stage			
				Livestock	
		Water	stagnation sho	uld be avoided in livestock shed to avoid mosquito breeding.	
				vide clean and cool drinking water to the animals	
	Poultry	Shades fro	om tall trees a	nd plantation around the sheds can reduce the radiant heat. The plantation of trees	
		should be	such that trees	will be leafy during summer and bald during winter	
		<ul> <li>Thatching</li> </ul>	of roof with pa	addy straw or sugar cane leaves will reduce temperature inside the shed	
			d chicks prove on after transpo	ide cool water and electrolytes on their arrival to farm before offering feed to avoid	
		•	-	de-beaking and vaccination should be done during night or cool hours of the day	
	Piggery		•	nfected and in contact animals	
	1 188019			s either by burning or deep burial	
		-		shed and its premises with 1-2 % phenyl	
				control internal parasites	
		Keep the animal house clean and dry  Fisheries			
1111					
Whate		By this month, renovation of old pond and excavation of new pond should be completed.			
	Proper inspection of work should be done for new pond				
				per the technical advice	
Web Stell				sures are followed accordingly, a good harvest can be expected. It is advisable to	
ICAR		consult a f	isneries expert	prior to taking any management measures	

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 4<sup>th</sup> to 8<sup>th</sup> July'18 Tuensang District

Weather forecast valid upto 8<sup>th</sup> July 2018

#### **Bulletin No:53/2018**

Weather summary of the preceding week

Treather Be	ununuary of the preed	tuting meen	" carrier for coast ratta tipe o o utily 2010		
Light rain oc	curred the past week	(	■ Probability of heavy rain the coming week.		
■ Maximum and minimum temperatures ranged			■ Max temp is likely to be 23 <sup>o</sup> C - 25 <sup>o</sup> C and the min temp 17 <sup>o</sup> C to 18 <sup>o</sup> C		
$25^{0}$ C to $29^{0}$ C	C and $14^{0}$ C to $16^{0}$ C, 1	respectively.	Sky is likely to be partly cloudy the coming week		
■ Relative hun	nidity varied from 65	5% to 95%.	■ Relative Humidity is likely to range from 79% to 95%.		
<ul><li>Wind speed</li></ul>	ranged from 2 to 3 l	mph	■ Wind speed may reach upto 2-3 kmph		
			■ Wind direction will be mostly south westerly		
Timely field	sanitation should be	e done for all	the crops. Always use freshly prepared neem seed kernel extract. Apply		
pesticides only	y when required. Do	n't apply more	than the recommended dose of the pesticide		
			Field crops		
Main	Stage	Pest/	Agro-meteorological Advisories		
Crops		Diseases			
Jhum Paddy	Tillering stage	Stem borer	Maintain weed free field to reduce stem borer infestation		
TRC/WRC	Nursery		Prepare the nursery by plowing at least twice and harrow at least once		
paddy	· · · · · · · · · · · · · · · · · · ·		Level the soil surface and put in drainage lines across the field. Broadcast seed in the nursery evenly, over the water covered soil surface  Seed treatment should be done		
C	Homesotin a				
Green gram	Harvesting	-	Timely harvesting should be done		
Maize	Harvesting stage		Timely harvesting should be done		
			Horticultural crop		
• Proper	r weeding, earthing i	ip should be do	one and staking should be done for good production.		
Citrus	Flowering to	Mealy bug	► In citrus orchard, destroy the ant colonies (black ants) as they act as		
	fruiting stage		the carriers of mealy bug. The affected plants become pale, w		
			may die also. In heavily attacked plants, citrus fruits do not set.		
			> Timely weeding should be carried out		
Cucurbits	Flowering stage		Vines are very delicate. Take care not to damage vines, which reduce the		
			quality of fruit. Bees are essential for pollination, so be mindful when using		
			insecticides to kill pests. If you must use, apply only in late afternoon or		

				early evening when blossoms are closed for the day.	
	Okra	Fruiting to harvesting stage	Spotted bollworm	<ul> <li>In the present weather condition, spotted bollworm will be seen. The infested fruits will have a varying number of holes.</li> <li>Remove regularly the attacked fruits and bury deep in the soil.</li> </ul>	
	Brinjal		Wilt	<ul> <li>Remove and destroy the affected plant</li> <li>Proper drainage should be maintained in the field</li> </ul>	
	Ginger / turmeric	Vegetative stage		Timely earthing up and weeding/hoeing should be done.	
				Livestock	
		9		e avoided in livestock shed to avoid mosquito breeding.	
				clean and cool drinking water to the animals	
	Poultry	• Shades from tall trees and plantation around the sheds can reduce the radiant heat. The plantation of trees should be such that trees will be leafy during summer and bald during winter			
		Thatching of roof with paddy straw or sugar cane leaves will reduce temperature inside the shed  The straightful straw or sugar cane leaves will reduce temperature inside the shed  The straightful straw or sugar cane leaves will reduce temperature inside the shed  The straightful straw or sugar cane leaves will reduce temperature inside the shed  The straightful straw or sugar cane leaves will reduce temperature inside the shed  The straightful straw or sugar cane leaves will reduce temperature inside the shed  The straightful straw or sugar cane leaves will reduce temperature inside the shed  The straightful straw or sugar cane leaves will reduce temperature inside the shed  The straightful straw or sugar cane leaves will reduce temperature inside the shed  The straightful straw or sugar cane leaves will reduce temperature inside the shed  The straightful straw or sugar cane leaves will reduce temperature inside the shed  The straightful straw or sugar cane leave straw or sugar cane le			
		<ul> <li>For day old chicks provide cool water and electrolytes on their arrival to farm before offering feed to avoid dehydration after transportation</li> <li>Shifting, transportation, de-beaking and vaccination should be done during night or cool hours of the day</li> </ul>			
	Piggery			ected and in contact animals	
	1 188019	~		either by burning or deep burial	
		*		ed and its premises with 1-2 % phenyl	
				ntrol internal parasites	
		_	imal house cle		
		Fisheries			
///		By this mon	th, renovation	of old pond and excavation of new pond should be completed.	
Proper inspection of work should be done for new pond			should be done for new pond		
				per the technical advice	
				res are followed accordingly, a good harvest can be expected. It is advisable to	
भाक्रअनुप ICAR		consult a fis	heries expert p	prior to taking any management measures	

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## Integrated Agromet Advisory Service Bulletin from 4<sup>th</sup> to 8<sup>th</sup> July'18 Wokha District

#### **Bulletin No:53/2018**

Weather summary of the preceding week	Weather forecast valid upto 8 <sup>th</sup> July 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 27°C - 28°C and the min temp 21°C to 20°C
$29^{0}$ C to $30^{0}$ C and $19^{0}$ C to $21^{0}$ C, respectively.	Sky is likely to be mainly cloudy the coming week
■ Relative humidity varied from 60% to 91%.	■ Relative Humidity is likely to range from 72% to 90%.
■ Wind speed ranged from 3 to 4 kmph	■ Wind speed may reach upto 3-4 kmph
	Wind direction will be southeasterly

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

pesticides only when required. Don't appry more than the recommended dose of the pesticide						
			Field crops			
Main	Main Stage Pest/ Agro-meteorological Advisories		Agro-meteorological Advisories			
Crops		Diseases				
Jhum Paddy	Tillering stage	Stem borer	Maintain weed free field to reduce stem borer infestation			
TRC/WRC paddy	Nursery		Prepare the nursery by plowing at least twice and harrow at least once.  Level the soil surface and put in drainage lines across the field.  Broadcast seed in the nursery evenly, over the water covered soil surface Seed treatment should be done			
Green gram	Harvesting	-	Timely harvesting should be done			
Maize	Harvesting stage		Timely harvesting should be done			
	Horticultural crop					
Proper	weeding, earthing up s	hould be done	and staking should be done for good production.			
Citrus	Flowering to fruiting stage	Mealy bug	➤ In citrus orchard, destroy the ant colonies (black ants) as they act as the carriers of mealy bug. The affected plants become pale,			

not set.

> Timely weeding should be carried out

wilt and may die also. In heavily attacked plants, citrus fruits do

	Cucurbits	Elevering stees		Vines are very delicate Take care not to damage vines which reduce the		
	Cucurbus	Flowering stage		Vines are very delicate. Take care not to damage vines, which reduce the		
				quality of fruit. Bees are essential for pollination, so be mindful when		
				using insecticides to kill pests. If you must use, apply only in late		
				afternoon or early evening when blossoms are closed for the day.		
	Okra	Fruiting to	Spotted	• In the present weather condition, spotted bollworm will be seen.		
		harvesting stage	bollworm	The infested fruits will have a varying number of holes.		
				Remove regularly the attacked fruits and bury deep in the soil.		
	Brinjal		Wilt	Remove and destroy the affected plant		
				Proper drainage should be maintained in the field		
	Ginger /	Vegetative stage		Timely earthing up and weeding/hoeing should be done.		
	turmeric					
				Livestock		
				avoided in livestock shed to avoid mosquito breeding.		
	D 1			an and cool drinking water to the animals		
	Poultry			plantation around the sheds can reduce the radiant heat. The plantation of es will be leafy during summer and bald during winter		
		Thatching of roof with paddy straw or sugar cane leaves will reduce temperature inside the shed				
		<ul> <li>For day old chicks provide cool water and electrolytes on their arrival to farm before offering feed to avoid dehydration after transportation</li> </ul>				
		•	Shifting, transportation, de-beaking and vaccination should be done during night or cool hours of the			
	Piggery		solate the infec	eted and in contact animals		
				ther by burning or deep burial		
	Regular disinfection of shed and its premises with 1-2 % phenyl					
\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\		_		rol internal parasites		
	Keep the animal house clean and dry  Fisheries					
भाक्रअनुप		By this month	, renovation of	f old pond and excavation of new pond should be completed.		
ICAR				nould be done for new pond		
			-	r the technical advice		
				s are followed accordingly, a good harvest can be expected. It is advisable		
		to consult a fi	sheries expert	prior to taking any management measures		

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### Integrated Agromet Advisory Service Bulletin from 4<sup>th</sup> to 8<sup>th</sup> July'18 Zunheboto District

#### Bulletin No:53/2018

fruiting stage

Duliculi 110.55/2010					
Weather summary of the preceding week	Weather forecast valid upto 8 <sup>th</sup> July 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 25 <sup>o</sup> C - 26 <sup>o</sup> C and the min temp 18 <sup>o</sup> C to 20 <sup>o</sup> C				
26°C to 28°C and 18°C to 19°C, respectively.	■ Sky is likely to be mainly cloudy the coming week				
■ Relative humidity varied from 75% to 94%.	■ Relative Humidity is likely to range from 78% to 95%.				
<ul> <li>Wind speed ranged from 2 to 4 kmph</li> </ul>	■ Wind speed may reach upto 3-4 kmph				
	Wind direction will be mostly southeasterly				
Timely field conjugate and barrel over all the groups. Always use freshly prepared near send karnel extract. Apply posticides					

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

	Field crops					
Main	Stage	Pest/	Agro-meteorological Advisories			
Crops		Diseases				
Jhum Paddy	Tillering stage	Stem borer	Maintain weed free field to reduce stem borer infestation			
TRC/WRC paddy	Nursery		Prepare the nursery by plowing at least twice and harrow at least once. Level the soil surface and put in drainage lines across the field. Broadcast seed in the nursery evenly, over the water covered soil surface Seed treatment should be done			
Green gram	Harvesting	-	Timely harvesting should be done			
Maize	Harvesting stage		Timely harvesting should be done			
	Horticultural crop					
• Proper			one and staking should be done for good production.			
Citrus	Flowering to	Mealy bug	➤ In citrus orchard, destroy the ant colonies (black ants) as they act as			

the carriers of mealy bug. The affected plants become pale, wilt and

may die also. In heavily attacked plants, citrus fruits do not set.

> Timely weeding should be carried out

	Cucurbits	Flowering stage		Vines are very delicate. Take care not to damage vines, which reduce the	
	Cucurous	Flowering stage		· · · · · · · · · · · · · · · · · · ·	
				quality of fruit. Bees are essential for pollination, so be mindful when using	
				insecticides to kill pests. If you must use, apply only in late afternoon or early	
				evening when blossoms are closed for the day.	
	Okra	Fruiting to	Spotted	• In the present weather condition, spotted bollworm will be seen. The	
		harvesting stage	bollworm	infested fruits will have a varying number of holes.	
				Remove regularly the attacked fruits and bury deep in the soil.	
	Brinjal		Wilt	Remove and destroy the affected plant	
				Proper drainage should be maintained in the field	
	Ginger /	Vegetative stage		Timely earthing up and weeding/hoeing should be done.	
	turmeric				
				Livestock	
		Water stag	e de la companya de	be avoided in livestock shed to avoid mosquito breeding	
				clean and cool drinking water to the animals	
	Poultry			plantation around the sheds can reduce the radiant heat. The plantation of trees	
				vill be leafy during summer and bald during winter	
		_	=	ddy straw or sugar cane leaves will reduce temperature inside the shed	
			d chicks provideration after tra	de cool water and electrolytes on their arrival to farm before offering feed to ansportation	
		Shifting, tra	ansportation, de	e-beaking and vaccination should be done during night or cool hours of the day	
	Piggery	Identify and	d isolate the inf	Fected and in contact animals	
		Dispose the	dead animals	either by burning or deep burial	
		Regular dis	infection of sh	ned and its premises with 1-2 % phenyl	
		Regular de-	worming to co	ontrol internal parasites	
		Keep the ar	imal house cle	ean and dry	
		Fisheries			
////		By this more	nth, renovation	of old pond and excavation of new pond should be completed.	
XILOUX	Proper inspection of work should be done for new pond				
		Adopt cultu	re practice as p	per the technical advice	
भाकुअन्त्य				res are followed accordingly, a good harvest can be expected. It is advisable to prior to taking any management measures	
ICAR					

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6			Aromatic Plants	azezeseyie@yahoo.com
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# Integrated Agromet Advisory Service Bulletin from 4<sup>th</sup> to 8<sup>th</sup> July'18 Dimapur District

#### **Bulletin No:53/2018**

TTT II CIT II II	The state of the s
Weather summary of the preceding week	Weather forecast valid upto 8 <sup>th</sup> July 2018
light rain occurred the past week	Probability of moderate rain the coming week.
■ Maximum and minimum temperatures ranged 31 <sup>o</sup> C to	■ Max temp is likely to be $30^{\circ}$ C - $32^{\circ}$ C and the min temp $24^{\circ}$ C to $25^{\circ}$ C
35°C and 24°C to 26°C, respectively.	■ Sky is likely to be mainly cloudy the coming week
■ Relative humidity varied from 66% to 95%.	■ <b>Relative Humidity</b> is likely to range from 46% to 95%.
■ Wind speed ranged from 2 to 3 kmph	■ Wind speed may reach upto 2-3 kmph
	Wind direction will be mostly southerly
TC: 1 C: .1.1	· 1

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

Field crops					
Main Crops	rops Stage Pest/		Agro-meteorological Advisories		
		Diseases			
Jhum Paddy	Tillering stage	Stem borer	Maintain weed free field to reduce stem borer infestation		
TRC/WRC paddy	Nursery		Prepare the nursery by plowing at least twice and harrow at least once. Level the soil surface and put in drainage lines across the field. Broadcast seed in the nursery evenly, over the water covered soil surface Seed treatment should be done		
Green gram	Harvesting	-	Timely harvesting should be done		
Maize	Harvesting stage		Timely harvesting should be done		
	Horticultural crop				

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

Citrus

Flowering to fruiting stage

Flowering stage

blossoms are closed for the day.

to kill pests. If you must use, apply only in late afternoon or early evening when

	Okra	Fruiting to	Spotted	• In the present weather condition, spotted bollworm will be seen. The	
		harvesting stage	bollworm	infested fruits will have a varying number of holes.	
		nar vesting stage	CONVOIN	<ul> <li>Remove regularly the attacked fruits and bury deep in the soil.</li> </ul>	
	Brinjal Wilt		W/i1+		
			VV III	Remove and destroy the affected plant	
				Proper drainage should be maintained in the field	
	Ginger /	Vegetative stage		Timely earthing up and weeding/hoeing should be done.	
	turmeric				
				Livestock	
		Water sta	gnation shoul	d be avoided in livestock shed to avoid mosquito breeding.	
			Daily provi	de clean and cool drinking water to the animals	
	Poultry	• Shades f	rom tall trees	and plantation around the sheds can reduce the radiant heat. The plantation of trees	
		should b	e such that tre	es will be leafy during summer and bald during winter	
		Thatching of roof with paddy straw or sugar cane leaves will reduce temperature inside the shed			
		• For day old chicks provide cool water and electrolytes on their arrival to farm before offering feed to			
		avoid dehydration after transportation			
		Shifting, transportation, de-beaking and vaccination should be done during night or cool hours of the day			
	Piggery	Identify and isolate the infected and in contact animals			
		<ul> <li>Dispose the dead animals either by burning or deep burial</li> </ul>			
		-		f shed and its premises with 1-2 % phenyl	
		_		o control internal parasites	
				clean and dry	
		Fisheries			
///		By this month, renovation of old pond and excavation of new pond should be completed.			
		<ul> <li>Proper inspection of work should be done for new pond</li> <li>Adopt culture practice as per the technical advice</li> </ul>			
				easures are followed accordingly, a good harvest can be expected. It is advisable to	
нарзіч ІСАВ				ert prior to taking any management measures	

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# Integrated Agromet Advisory Service Bulletin from 4<sup>th</sup> to 8<sup>th</sup> July'18 Kiphire District

#### **Bulletin No:53/2018**

Dunctin 110.55/2010		
Weather summary of the preceding week	Weather forecast valid upto 8 <sup>th</sup> July 2018	
■ Light rain occurred the past week	Probability of light rain the coming week.	
• Maximum and minimum temperatures range	ed Max temp is likely to be 27°C - 30°C and the min temp 22°C to 23°C	
28°C to 30°C and 19°C to 21°C, respectively.	Sky is likely to be mainly cloudy the coming week	
■ Relative humidity varied from 53% to 93%.	■ Relative Humidity is likely to range from 62% to 95%.	
■ Wind speed ranged from 3 to 4 kmph	■ Wind speed may reach upto 1-2 kmph	
	Wind direction will be mostly south westerly	

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

Field crops

Main Crops	Stage	Pest/	Agro-meteorological Advisories
		Diseases	
Jhum Paddy	Tillering stage	Stem borer	Maintain weed free field to reduce stem borer infestation
TRC/WRC paddy	Nursery		Prepare the nursery by plowing at least twice and harrow at least once. Level the soil surface and put in drainage lines across the field. Broadcast seed in the nursery evenly, over the water covered soil surface Seed treatment should be done
Green gram	Harvesting	-	Timely harvesting should be done
Maize	Harvesting stage		Timely harvesting should be done
			Horticultural crop
• Proper we	eeding, earthing up s	hould be done	and staking should be done for good production.
Citrus	Flowering to fruiting stage	Mealy bug	<ul> <li>In citrus orchard, destroy the ant colonies (black ants) as they act as the carriers of mealy bug. The affected plants become pale, wilt and may die also. In heavily attacked plants, citrus fruits do not set.</li> <li>Timely weeding should be carried out</li> </ul>
Cucurbits	Flowering stage		Vines are very delicate. Take care not to damage vines, which reduce the quality of fruit. Bees are essential for pollination, so be mindful when using insecticides to kill pests. If you must use, apply only in late afternoon or early evening when

				blossoms are closed for the day.	
harvesting stage   bollworm   infe		<ul> <li>In the present weather condition, spotted bollworm will be seen. The infested fruits will have a varying number of holes.</li> <li>Remove regularly the attacked fruits and bury deep in the soil.</li> </ul>			
	Brinjal		Wilt	<ul> <li>Remove and destroy the affected plant</li> <li>Proper drainage should be maintained in the field</li> </ul>	
	Ginger / turmeric	Vegetative stage		Timely earthing up and weeding/hoeing should be done.	
				Livestock	
		Water sta	0	be avoided in livestock shed to avoid mosquito breeding.	
			• •	e clean and cool drinking water to the animals	
	Poultry	• Shades from tall trees and plantation around the sheds can reduce the radiant heat. The plantation of trees should be such that trees will be leafy during summer and bald during winter			
		Thatching of roof with paddy straw or sugar cane leaves will reduce temperature inside the shed			
		• For day old chicks provide cool water and electrolytes on their arrival to farm before offering feed to avoid dehydration after transportation			
		Shifting, transportation, de-beaking and vaccination should be done during night or cool hours of the day			
	Piggery	· · · · · · · · · · · · · · · · · · ·		ected and in contact animals	
		-		either by burning or deep burial	
				ed and its premises with 1-2 % phenyl	
			worming to con imal house clea	ntrol internal parasites	
		• Reep the an	mai nouse ele	Fisheries	
1111		2.72.72.72			
X				of old pond and excavation of new pond should be completed. should be done for new pond	
				per the technical advice	
भाकुअनुम् ICAR		If the mana	gement measu	res are followed accordingly, a good harvest can be expected. It is advisable to prior to taking any management measures	

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## Integrated Agromet Advisory Service Bulletin from 4<sup>th</sup> to 8<sup>th</sup> July'18 Kohima District

### **Bulletin No:53/2018**

Weather summary of the preceding week	Weather forecast valid upto 8 <sup>th</sup> July 2018	
Light rain occurred the past week	Probability of moderate rain the coming week.	
■ Maximum and minimum temperatures ranged 25	■ Max temp is likely to be 25°C - 26°C and the min temp 18°C to 25°C	
<sup>0</sup> C to 28 <sup>0</sup> C and 17 <sup>0</sup> C to 19 <sup>0</sup> C, respectively.	■ Sky is likely to be cloudy the coming week	
Relative humidity varied from 60% to 95%.	■ Relative Humidity is likely to range from 71% to 95%.	
■ Wind speed ranged from 2 to 3 kmph	■ Wind speed may reach upto 3-4 kmph	
	Wind direction will be mostly southerly	
	the state of the s	

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

			F		
Field crops					
Main CropsStagePest/ DiseasesAgro-meteorological		Agro-meteorological Advisories			
Jhum Paddy	Tillering stage	Stem borer	Maintain weed free field to reduce stem borer infestation		
TRC/WRC paddy	Nursery		Prepare the nursery by plowing at least twice and harrow at least once. Level the soil surface and put in drainage lines across the field. Broadcast seed in the nursery evenly, over the water covered soil surface Seed treatment should be done		
Green gram	Harvesting	-	Timely harvesting should be done		
Maize	Harvesting stage		Timely harvesting should be done		
• Proper w	eeding, earthing up	should be done	Horticultural crop and staking should be done for good production.		
Citrus	Flowering to fruiting stage	Mealy bug	In citrus orchard, destroy the ant colonies (black ants) as they act as the carriers of mealy bug. The affected plants become pale, wilt and may die also. In heavily attacked plants, citrus fruits do not set.		

Timely weeding should be carried out

	Cucurbits	Flowering stage		Vines are very delicate. Take care not to damage vines, which reduce the quality of fruit. Bees are essential for pollination, so be mindful when
				using insecticides to kill pests. If you must use, apply only in late afternoon or early evening when blossoms are closed for the day.
	Okra Fruiting to Spotted harvesting stage bollworm		=	<ul> <li>In the present weather condition, spotted bollworm will be seen. The infested fruits will have a varying number of holes.</li> <li>Remove regularly the attacked fruits and bury deep in the soil.</li> </ul>
	Brinjal		Wilt	<ul> <li>Remove and destroy the affected plant</li> <li>Proper drainage should be maintained in the field</li> </ul>
	Ginger / turmeric	Vegetative stage		Timely earthing up and weeding/hoeing should be done.
	Khasi Mandarin	Leaf miner, aphids, mites, trunk borer  Spray neem oil @5ml/litre water against leaf miner, of the trees to collect adult trunk borer  borer		Spray neem oil @5ml/litre water against leaf miner, aphids, mites. Shake the trees to collect adult trunk borer
	Livestock  Water stagnation should be avoided in livestock shed to avoid mosquito breeding.  Daily provide clean and cool drinking water to the animals			
	Poultry	<ul> <li>Shades from tall trees and plantation around the sheds can reduce the radiant heat. The plantation of trees should be such that trees will be leafy during summer and bald during winter</li> <li>Thatching of roof with paddy straw or sugar cane leaves will reduce temperature inside the shed</li> <li>For day old chicks provide cool water and electrolytes on their arrival to farm before offering feed to avoid dehydration after transportation</li> <li>Shifting, transportation, de-beaking and vaccination should be done during night or cool hours of the</li> </ul>		
	Piggery	<ul> <li>day</li> <li>Identify and isolate the infected and in contact animals</li> <li>Dispose the dead animals either by burning or deep burial</li> <li>Regular disinfection of shed and its premises with 1-2 % phenyl</li> <li>Regular de-worming to control internal parasites</li> <li>Keep the animal house clean and dry</li> </ul>		
				Fisheries
Higp 31-jii ICAR		<ul> <li>By this month, renovation of old pond and excavation of new pond should be completed.</li> <li>Proper inspection of work should be done for new pond</li> <li>Adopt culture practice as per the technical advice</li> <li>If the management measures are followed accordingly, a good harvest can be expected. It is advisable to consult a fisheries expert prior to taking any management measures</li> </ul>		

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# Integrated Agromet Advisory Service Bulletin from 4<sup>th</sup> to 8<sup>th</sup> July'18 Longleng District

#### **Bulletin No:53/2018**

Duneum No.33/2010			
Weather summary of the preceding week	Weather forecast valid upto 8 <sup>th</sup> July 2018		
Light rain occurred the past week	■ Probability of light rain the coming week.		
■ Maximum and minimum temperatures ranged 28°C	■ Max temp is likely to be 27 <sup>o</sup> C - 30 <sup>o</sup> C and the min temp 22 <sup>o</sup> C to 23 <sup>o</sup> C		
to 30°C and 20°C to 21°C, respectively.	Sky is likely to be mainly cloudy the coming week		
Relative humidity varied from 54% to 94%.	■ Relative Humidity is likely to range from 65% to 95%.		
■ Wind speed ranged from 2 to 3 kmph	■ Wind speed may reach upto 2- 4 kmph		
	Wind direction will be mostly southerly		
Timely field sanitation should be done for all the crops. Always use freshly prepared neem seed kernel extract. Apply pesticides			

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

Field crops				
Main	Stage	Pest/	Agro-meteorological Advisories	
Crops		Diseases		
Jhum Paddy	Tillering stage	Stem borer	Maintain weed free field to reduce stem borer infestation	
TRC/WRC paddy	Nursery		Prepare the nursery by plowing at least twice and harrow at least once. Level the soil surface and put in drainage lines across the field. Broadcast seed in the nursery evenly, over the water covered soil surface Seed treatment should be done	
Green gram	Harvesting	-	Timely harvesting should be done	
Maize	Harvesting stage		Timely harvesting should be done	

### Horticultural crop

Proper weeding, earthing up should be done and staking should be done for good production.
 Citrus
 Flowering to fruiting stage
 Mealy bug
 In citrus orchard, destroy the ant colonies (black ants) as they act as the carriers of mealy bug. The affected plants become pale, wilt and may die also. In heavily attacked plants, citrus fruits do not set.
 Timely weeding should be carried out
 Cucurbits
 Flowering stage
 Vines are very delicate. Take care not to damage vines, which reduce the

quality of fruit. Bees are essential for pollination, so be mindful when

				using insecticides to kill pests. If you must use, apply only in late
				afternoon or early evening when blossoms are closed for the day.
	Okra	Fruiting to	Spotted	• In the present weather condition, spotted bollworm will be seen.
		harvesting stage	bollworm	The infested fruits will have a varying number of holes.
				Remove regularly the attacked fruits and bury deep in the soil.
	Brinjal		Wilt	Remove and destroy the affected plant
				Proper drainage should be maintained in the field
	Ginger /	Vegetative stage		Timely earthing up and weeding/hoeing should be done.
	turmeric			
				Livestock
				avoided in livestock shed to avoid mosquito breeding
				ean and cool drinking water to the animals
	Poultry			plantation around the sheds can reduce the radiant heat. The plantation of
				ees will be leafy during summer and bald during winter
		_	-	dy straw or sugar cane leaves will reduce temperature inside the shed
			chicks provide Iration after tran	cool water and electrolytes on their arrival to farm before offering feed to asportation
		• Shifting, tra	insportation, de-	-beaking and vaccination should be done during night or cool hours of the
	Piggery	Identify and	isolate the infe	cted and in contact animals
				ither by burning or deep burial
		Regular disi	infection of she	ed and its premises with 1-2 % phenyl
		Regular de-	worming to con	trol internal parasites
		Keep the an	imal house clea	n and dry
	Fisheries			
\\\\		By this mon	th, renovation of	of old pond and excavation of new pond should be completed.
	Proper inspection of work should be done for new pond			•
				er the technical advice
				es are followed accordingly, a good harvest can be expected. It is advisable
нфзі-ді ICAR		to consult a fisheries expert prior to taking any management measures		

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# Integrated Agromet Advisory Service Bulletin from 4<sup>th</sup> to 8<sup>th</sup> July'18 Mokokchung District

#### **Bulletin No:53/2018**

	Weather summary of the preceding week	Weather forecast valid upto 8 <sup>th</sup> July 2018
Light rain occurred the past week		Probability of moderate rain the coming week.
<ul> <li>Maximum and minimum temperatures ranged</li> </ul>		■ Max temp is likely to be 27°C - 30°C and the min temp 22°C to 23°C
28°C to 31°C and 19°C to 21°C, respectively.		Sky is likely to be cloudy the coming week
Relative humidity varied from 29% to 93%.		■ Relative Humidity is likely to range from 65% to 95%.
	■ Wind speed ranged from 3 to 5 kmph	■ Wind speed may reach upto 2- 4 kmph
		Wind direction will be mostly southerly

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

	1 117				
	Field crops				
Main	Stage	Pest/	Agro-meteorological Advisories		
Crops		Diseases			
Jhum Paddy	Tillering stage	Stem borer	Maintain weed free field to reduce stem borer infestation		
TRC/WRC paddy	Nursery		Prepare the nursery by plowing at least twice and harrow at least once. Leve the soil surface and put in drainage lines across the field. Broadcast seed in the nursery evenly, over the water covered soil surface Seed treatment should be done		
Green gram	Harvesting	-	Timely harvesting should be done		
Maize	Harvesting stage		Timely harvesting should be done		
			Horticultural crop		
<ul><li>Proper</li></ul>	weeding, earthing up	should be done	and staking should be done for good production.		
Citrus	Flowering to fruiting stage	Mealy bug	<ul> <li>In citrus orchard, destroy the ant colonies (black ants) as they act as the carriers of mealy bug. The affected plants become pale, wilt and may die also. In heavily attacked plants, citrus fruits do not set.</li> <li>Timely weeding should be carried out</li> </ul>		
Cucurbits	Flowering stage		Vines are very delicate. Take care not to damage vines, which reduce the quality of fruit. Bees are essential for pollination, so be mindful when using		

evening when blossoms are closed for the day.

insecticides to kill pests. If you must use, apply only in late afternoon or early

Okra	Fruiting to harvesting stage	Spotted bollworm	• In the present weather condition, spotted bollworm will be seen. The infested fruits will have a varying number of holes.		
			Remove regularly the attacked fruits and bury deep in the soil.		
Brinjal	njal		Remove and destroy the affected plant		
•			Proper drainage should be maintained in the field		
Ginger / turmeric	Vegetative stage		Timely earthing up and weeding/hoeing should be done.		
			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	• Shades from tall trees and plantation around the sheds can reduce the radiant heat. The plantation of trees should be such that trees will be leafy during summer and bald during winter				
	Thatching of roof with paddy straw or sugar cane leaves will reduce temperature inside the shed				
• For day old chicks provide cool water and electrolytes on their arrival to farm before offering feed t dehydration after transportation					
					Shifting, transportation, de-beaking and vaccination should be done during night or cool hours of the d
Piggery	Identify and	isolate the infec	eted and in contact animals		
	Dispose the	dead animals eit	ther by burning or deep burial		
	Regular disi	nfection of shed	and its premises with 1-2 % phenyl		
	Regular de-v	vorming to cont	rol internal parasites		
	Keep the ani	mal house clear	and dry		
	Fisheries				
//	By this month, renovation of old pond and excavation of new pond should be completed.				
Λ	-		nould be done for new pond		
)	Adopt culture practice as per the technical advice				
<b>3</b> 2	If the management measures are followed accordingly, a good harvest can be expected. It is advisable to				
	consult a fisheries expert prior to taking any management measures				



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# Integrated Agromet Advisory Service Bulletin from 4<sup>th</sup> to 8<sup>th</sup> July'18 Mon District

### **Bulletin No:53/2018**

Weather summary of the preceding week	Weather forecast valid upto 8 <sup>th</sup> July 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 27 <sup>o</sup> C - 28 <sup>o</sup> C and the min temp 21 <sup>o</sup> C to 22 <sup>o</sup> C
28°C to 31°C and 19°C to 21°C, respectively.	■ Sky is likely to be mainly cloudy the coming week
■ Relative humidity varied from 65% to 90%	■ Relative Humidity is likely to range from 77% to 95%.
■ Wind speed ranged from 2 to 3 kmph	■ Wind speed may reach upto 2-3 kmph
	Wind direction will be southerly

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

### Field crops

Main	Stage	Pest/	Agro-meteorological Advisories
Crops		Diseases	
Jhum Paddy	Tillering stage	Stem borer	Maintain weed free field to reduce stem borer infestation
TRC/WRC paddy	Nursery		Prepare the nursery by plowing at least twice and harrow at least once.  Level the soil surface and put in drainage lines across the field. Broadcast seed in the nursery evenly, over the water covered soil surface  Seed treatment should be done
Green gram	Harvesting	-	Timely harvesting should be done
Maize	Harvesting stage		Timely harvesting should be done

Proper weeding, earthing up should be done and staking should be done for good production.  Citrus  Flowering to fruiting stage  Mealy bug  In citrus orchard, destroy the ant colonies (black ants) as they act as the carriers of mealy bug. The affected plants become pale, wilt and may die also.				
fruiting stage carriers of mealy bug. The affected plants become pale, wilt and may die also.				
In heavily attacked plants, citrus fruits do not set.  ➤ Timely weeding should be carried out				
Flowering stage  Vines are very delicate. Take care not to damage vines, which reduce the quality of fruit. Bees are essential for pollination, so be mindful when using insecticides to kill pests. If you must use, apply only in late afternoon or early evening when blossoms are closed for the day.				
Fruiting to harvesting stage  Spotted bollworm  In the present weather condition, spotted bollworm will be seen. The infested fruits will have a varying number of holes.  Remove regularly the attacked fruits and bury deep in the soil.				
Brinjal  Wilt  Remove and destroy the affected plant  Proper drainage should be maintained in the field				
Ginger / Vegetative stage Timely earthing up and weeding/hoeing should be done.				
<ul> <li>Water stagnation should be avoided in livestock shed to avoid mosquito breeding.</li> <li>Daily provide clean and cool drinking water to the animals</li> </ul>				
<ul> <li>Shades from tall trees and plantation around the sheds can reduce the radiant heat. The plantation of trees should be such that trees will be leafy during summer and bald during winter</li> <li>Thatching of roof with paddy straw or sugar cane leaves will reduce temperature inside the shed</li> <li>For day old chicks provide cool water and electrolytes on their arrival to farm before offering feed to avoid dehydration after transportation</li> <li>Shifting, transportation, de-beaking and vaccination should be done during night or cool hours of the day</li> </ul>				
<ul> <li>Piggery</li> <li>Identify and isolate the infected and in contact animals</li> <li>Dispose the dead animals either by burning or deep burial</li> <li>Regular disinfection of shed and its premises with 1-2 % phenyl</li> <li>Regular de-worming to control internal parasites</li> <li>Keep the animal house clean and dry</li> </ul>				
Fisheries				



- By this month, renovation of old pond and excavation of new pond should be completed.
- Proper inspection of work should be done for new pond
- Adopt culture practice as per the technical advice
- If the management measures are followed accordingly, a good harvest can be expected. It is advisable to consult a fisheries expert prior to taking any management measures

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