

# Integrated Agromet Advisory Service Bulletin from 22<sup>nd</sup> to 26<sup>th</sup> July'17 Mokokchung District

Bulletin No:56/2017

			Bulletin No:56/2017	
Weather s	ummary of the prece	ding week	Weather forecast valid upto 26 <sup>th</sup> July'17	
<ul> <li>Moderate rai</li> </ul>	in occurred the past w	veek	Probability of moderate rain the coming week.	
<ul> <li>Maximum and minimum temperatures ranged</li> </ul>			• Max temp is likely to be 29 <sup>o</sup> C - 31 <sup>o</sup> C and the min temp 21 <sup>o</sup> C to 22 <sup>o</sup> C	
	and $20^{\circ}$ C to $24^{\circ}$ C, re		Sky is likely to be partly cloudy the coming week	
	idity varied from 65%		• <b>Relative Humidity</b> is likely to range from 66% to 93%.	
• Wind speed r	ranged from 1 to 2 km	iph	• Wind speed may reach upto 4- 6 kmph	
			Wind direction will be easterly	
			Field crops	
	-	Proper dra	inage should be maintained in the field.	
Main	Stage	Pest/	Agro-meteorological Advisories	
Crops	C C	Diseases		
Jhum paddy	Booting stage		Daily monitoring should be done for pest and diseases and try to manage it	
			during the initial stage.	
TRC/WRC	Transplanting		In case some transplanted rice plants are washed away due to heavy rainfall,	
paddy	stage		immediate gap filling can be undertaken. However, in case nurseries are not	
puuuy	stage		available, the farmers may go for direct sowing of rice using zero Till.	
Kharif maize	Maturing stage	Stem borer	Provide proper drainage in the field	
Green gram	Maturity stage		Good drainage may be given to manage soil borne root diseases	
			Horticultural crop	
Water logging	in the field should be	e completely avo	bided since stagnation of water predisposes the plant to infection. Provide proper	
drainage and	keep land free from w	veeds at all times	s. Collect the diseased material as and when the disease is noticed and burn them	
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	
Okra	Fruiting to	Yellow vein	Remove and burn the infected plants from the field	
	maturity stage	mosaic	Remove the unwanted weed host from the field	
		0 11 1	> If the infection is severe, spray imidacloprid at 1ml/lit of water	
		Spotted	In the present weather condition, spotted bollworm will be seen. The infected for its will be seen. The	
		bollworm	infested fruits will have a varying number of holes.	
			Remove regularly the attacked fruits and bury deep in the soil.	

Cucurbits	Flowering to fruiting stage	Powdery mildew	Remove the infected leaves		
		Stink bug	Maintain proper sanitation as they are mostly found in weedy areas.		
			<ul> <li>For trailing, dried twigs can be spread on the ground.</li> <li>Weeding should be done whenever necessary.</li> </ul>		
Brinjal	Flowering to fruiting stage		<ul> <li>Timely weeding and intercultural operation should be done.</li> </ul>		
		Wilt	<ul> <li>Remove and destroy the affected plant</li> <li>Proper drainage should be maintained in the field</li> </ul>		
Naga king chilli	Flowering to fruiting stage	viral disease	<ul> <li>Timely weeding and earthing up should be done</li> <li>Virus infected plants should be removed or uprooted and buried into the soil</li> <li>Daily monitoring should be done for insect pest and need based neem</li> </ul>		
			oil should be spray		
Fruit trees			Maintain proper sanitation in and around the vicinity of the tree Prune trees immediately after harvesting. Grow seasonal crops in inter spaces.		
Ginger / turmeric	Vegetative stage	-	Timely earthing up and weeding/hoeing should be done. Mulch the plant with dry leaves and straw		
Flood affecte	• • •		<i>Livestock</i> k of human and animal diseases. Vaccination of animals should be done against es. Provide clean and cool drinking water to the animals		
Poultry	1	· · ·	shed to provide shade as well as cool breeze.		
	Prevent wate	r logging near p	oultry sheds to prevent mosquito breeding.		
	• Make sure th	at the birds stay	warm and cool.		
	On very sum	ny and humid da	ys provide electrolytes to replenish their lost nutrients		
Piggery	Deworm pig	lets and adult an	imals on time		
Vaccinate against FMD and CSF (Classical Swine Fever)			CSF (Classical Swine Fever)		
	Provide multivitamins and minerals during stress periods (hot periods, farrowing periods etc)				
	During this s	eason, stay read	y to combat diarrhoea with medication		
			Fisheries		



Conduct inspection every morning, noon and evening to check fish activities, fish appetite, whether there is residual fish feed in the pond, whether the fish come to the surface to breathe and whether there are unusual changes caused by sudden weather changes. By keeping watch, problems can be detected early and prompt remedial actions can be taken

Sl.no	Name	Designation	Department	
1	Dr.D.J. Rajkhowa	Principle Scientist	Agronomy	djrajkhowa@gmail.com
2	Dr. L.K. Baishya	Senior Scientist	Agronomy	lkbicar@gmail.com
3	Ph. Romen Sharma	Scientist	Agricultural Extension	romen.agext@gmail.com
4	Dr. Rajesha G	Scientist	Plant Pathology	rajeshag337@gmail.com
5	Dr. Mahak Singh	Scientist	Animal Reproduction & Gynaecology	mahaksinghivri@gmail.com
	Dr. Azeze Seyie	Scientist	Spices, Plantation & Medicinal &	
6			Aromatic Plants	azezeseyie@yahoo.com
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# Integrated Agromet Advisory Service Bulletin from 22<sup>nd</sup> to 26<sup>th</sup> July'17 Mon District

Bulletin No:56/2017

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	Weather s	summary of the pre	ceding week	Weather forecast valid upto 26 <sup>th</sup> July'17	
	Moderate rain occurred the past week			<ul> <li>Probability of moderate rain the coming week.</li> </ul>	
		nd minimum tem			
	$27^{\circ}$ C to $34^{\circ}$ C	and $21^{\circ}$ C to $24^{\circ}$ C,	respectively.	Sky is likely to be partly cloudy the coming week	
	<ul> <li>Relative hum</li> </ul>	idity varied from 5'	7% to 94%	• <b>Relative Humidity</b> is likely to range from 63% to 94%.	
	• Wind speed ranged from 1 to 2 kmph			• Wind speed may reach upto 2- 4 kmph	
				Wind direction will be mostly southeasterly	
				Field crops	
			Proper drain	age should be maintained in the field.	
	Main	Stage	Pest/	Agro-meteorological Advisories	
	Crops	-	Diseases		
	Jhum paddy	Booting stage		Daily monitoring should be done for pest and diseases and try to manage it	
				during the initial stage.	
	TRC/WRC	Transplanting		In case some transplanted rice plants are washed away due to heavy rainfall,	
	paddy	stage		immediate gap filling can be undertaken. However, in case nurseries are not	
				available, the farmers may go for direct sowing of rice using zero Till.	
	Kharif maize	Maturing stage	Stem borer	Provide proper drainage in the field	
	Green gram	Maturity stage		Good drainage may be given to manage soil borne root diseases	

### Horticultural crop

Water logging in the field should be completely avoided since stagnation of water predisposes the plant to infection. Provide proper drainage and keep land free from weeds at all times. Collect the diseased material as and when the disease is noticed and

			burn them
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, wilt and
			may die also. In heavily attacked plants, citrus fruits do not set.
			Timely weeding should be carried out
Okra	Fruiting to	Yellow vein	Remove and burn the infected plants from the field
	maturity stage	mosaic	Remove the unwanted weed host from the field
			If the infection is severe, spray imidacloprid at 1ml/lit of water
		Spotted	➢ In the present weather condition, spotted bollworm will be seen. The
		bollworm	infested fruits will have a varying number of holes.
			Remove regularly the attacked fruits and bury deep in the soil.

	Cucurbits	Flowering to fruiting stage	Powdery mildew	Remove the infected leaves
			Stink bug	Maintain proper sanitation as they are mostly found in weedy areas.
				<ul> <li>For trailing, dried twigs can be spread on the ground.</li> <li>Weeding should be done whenever necessary.</li> </ul>
	Brinjal	Flowering to		Timely weeding and intercultural operation should be done.
		fruiting stage	Wilt	<ul> <li>Remove and destroy the affected plant</li> <li>Proper drainage should be maintained in the field</li> </ul>
	Naga king chilli	Flowering to fruiting stage	viral disease	<ul> <li>Timely weeding and earthing up should be done</li> <li>Virus infected plants should be removed or uprooted and buried into the soil</li> <li>Daily monitoring should be done for insect pest and need based neem oil should be spray</li> </ul>
	Fruit trees			Maintain proper sanitation in and around the vicinity of the tree Prune trees immediately after harvesting. Grow seasonal crops in inter spaces.
	Ginger / turmeric	Vegetative stage	-	<i>Timely earthing up and weeding/hoeing should be done. Mulch the plant with dry leaves and straw</i>
	Flood affec			<i>Livestock</i> reak of human and animal diseases. Vaccination of animals should be done eases. Provide clean and cool drinking water to the animals
	Poultry			near shed to provide shade as well as cool breeze.
		• Prevent	water logging no	ear poultry sheds to prevent mosquito breeding.
		• Make s	ure that the birds	stay warm and cool.
		On very	sunny and humi	d days provide electrolytes to replenish their lost nutrients
	Piggery	Deworr	n piglets and adu	It animals on time
		Vaccina	ate against FMD	and CSF (Classical Swine Fever)
				nd minerals during stress periods (hot periods, farrowing periods etc) ready to combat diarrhoea with medication
				Fisheries
High Stephen	Conduct inspection every morning, noon and evening to check fish activities, fish appetite, whether there is residual fish feed in the pond, whether the fish come to the surface to breathe and whether there are unusual changes caused by sudden weather changes. By keeping watch, problems can be detected early and prompremedial actions can be taken			

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## Integrated Agromet Advisory Service Bulletin from 22<sup>nd</sup> to 26<sup>th</sup> July'17 Peren District

Bulletin No:56/2017

			Bulletin No:56/2017
Weather summary of the preceding week			Weather forecast valid upto 26 <sup>th</sup> July'17
<ul> <li>Moderate rain occurred the past week</li> </ul>			<ul> <li>Probability of moderate rain the coming week.</li> </ul>
• Maximum and minimum temperatures ranged			• Max temp is likely to be 31 <sup>o</sup> C - 32 <sup>o</sup> C and the min temp 23 <sup>o</sup> C to 24 <sup>o</sup> C
	nd $21^{\circ}$ C to $25^{\circ}$ C, res		Sky is likely to be partly cloudy the coming week
	ity varied from 45%		Relative Humidity is likely to range from 63% to 96%.
• Wind speed ran	ged from 1 to 2 km	ph	Wind speed may reach upto 1- 2 kmph
			Wind direction will be mostly southeasterly
			Field crops
			ainage should be maintained in the field.
Main Crops	Stage	Pest/	Agro-meteorological Advisories
		Diseases	
Jhum paddy	Booting stage		Daily monitoring should be done for pest and diseases and try to manage a during the initial stage.
TRC/WRC	Transplanting		In case some transplanted rice plants are washed away due to heavy rainfal
paddy	stage		immediate gap filling can be undertaken. However, in case nurseries are no available, the farmers may go for direct sowing of rice using zero Till.
Kharif maize	Maturing stage	Stem borer	Provide proper drainage in the field
Green gram	Maturity stage		Good drainage may be given to manage soil borne root diseases
			Horticultural crop
			v avoided since stagnation of water predisposes the plant to infection. Provide
propor drainage	and keep land free	from weeds a	t all times. Collect the diseased material as and when the disease is noticed and
proper dramage			burn them
<i>Citrus</i>	Flowering to	Mealy bug	burn themIn citrus orchard, destroy the ant colonies (black ants) as they act a
	-	Mealy bug	<ul> <li>burn them</li> <li>In citrus orchard, destroy the ant colonies (black ants) as they act a the carriers of mealy bug. The affected plants become pale, wilt an</li> </ul>
	Flowering to	Mealy bug	<ul> <li>burn them</li> <li>In citrus orchard, destroy the ant colonies (black ants) as they act a the carriers of mealy bug. The affected plants become pale, wilt an may die also. In heavily attacked plants, citrus fruits do not set.</li> </ul>
	Flowering to fruiting stage		<ul> <li>burn them</li> <li>In citrus orchard, destroy the ant colonies (black ants) as they act a the carriers of mealy bug. The affected plants become pale, wilt an may die also. In heavily attacked plants, citrus fruits do not set.</li> <li>Timely weeding should be carried out</li> </ul>
	Flowering to	Yellow	<ul> <li>burn them</li> <li>In citrus orchard, destroy the ant colonies (black ants) as they act a the carriers of mealy bug. The affected plants become pale, wilt an may die also. In heavily attacked plants, citrus fruits do not set.</li> <li>Timely weeding should be carried out</li> <li>Remove and burn the infected plants from the field</li> </ul>
Citrus	Flowering to fruiting stage		<ul> <li>burn them</li> <li>In citrus orchard, destroy the ant colonies (black ants) as they act a the carriers of mealy bug. The affected plants become pale, wilt an may die also. In heavily attacked plants, citrus fruits do not set.</li> <li>Timely weeding should be carried out</li> </ul>

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		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>
Cucurbits	Flowering to fruiting stage	Powdery mildew	Remove the infected leaves
		Stink bug	Maintain proper sanitation as they are mostly found in weedy areas.
			<ul> <li>For trailing, dried twigs can be spread on the ground.</li> <li>Weeding should be done whenever necessary.</li> </ul>
Brinjal	Flowering to fruiting stage		<ul> <li>Timely weeding and intercultural operation should be done.</li> </ul>
		Wilt	<ul> <li>Remove and destroy the affected plant</li> <li>Proper drainage should be maintained in the field</li> </ul>
Naga king chilli	Flowering to fruiting stage	viral disease	<ul> <li>Timely weeding and earthing up should be done</li> <li>Virus infected plants should be removed or uprooted and buried into the soil</li> <li>Daily monitoring should be done for insect pest and need based neem oil should be spray</li> </ul>
Fruit trees			Maintain proper sanitation in and around the vicinity of the tree Prune trees immediately after harvesting. Grow seasonal crops in inter spaces.
Ginger / turmeric	Vegetative stage	-	Timely earthing up and weeding/hoeing should be done. Mulch the plant with dry leaves and straw
Flood affected			<i>Livestock</i> -break of human and animal diseases. Vaccination of animals should be done iseases. Provide clean and cool drinking water to the animals
Poultry		-	d near shed to provide shade as well as cool breeze.
	• Make sur	e that the bird	near poultry sheds to prevent mosquito breeding. Is stay warm and cool. nid days provide electrolytes to replenish their lost nutrients
Piggery	Deworm	piglets and ac	lult animals on time O and CSF (Classical Swine Fever)
			and minerals during stress periods (hot periods, farrowing periods etc) y ready to combat diarrhoea with medication

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Fisheries
Conduct inspection every morning, noon and evening to check fish activities, fish appetite, whether there is residual fish feed in the pond, whether the fish come to the surface to breathe and whether there are unusual changes caused by sudden weather changes. By keeping watch, problems can be detected early and prompt remedial actions can be taken

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## Integrated Agromet Advisory Service Bulletin from 22<sup>nd</sup> to 26<sup>th</sup> July'17 Phek District

Bulletin No:56/2017

Weather summary of the preceding week	Weather forecast valid upto 26 <sup>th</sup> July'17
<ul> <li>Moderate rain occurred the past week</li> </ul>	<ul> <li>Probability of moderate rain the coming week.</li> </ul>
• Maximum and minimum temperatures	• Max temp is likely to be $23^{\circ}$ C - $25^{\circ}$ C and the min temp $20^{\circ}$ C to $21^{\circ}$ C
ranged $28^{\circ}$ C to $32^{\circ}$ C and $20^{\circ}$ C to $23^{\circ}$ C,	Sky is likely to be partly cloudy the coming week
respectively.	Relative Humidity is likely to range from 71% to 95%.
• Relative humidity varied from 45% to 95%.	• Wind speed may reach upto 3- 4 kmph
• Wind speed ranged from 1 to 2 kmph	Wind direction will be mostly southeasterly

### Field crops

Proper drainage should be maintained in the field.

Main	Stage	Pest/	Agro-meteorological Advisories
Crops		Diseases	
Jhum paddy	Booting stage		Daily monitoring should be done for pest and diseases and try to manage it during the initial stage.
TRC/WRC paddy	Transplanting stage		In case some transplanted rice plants are washed away due to heavy rainfall, immediate gap filling can be undertaken. However, in case nurseries are not available, the farmers may go for direct sowing of rice using zero Till.
Kharif maize	Maturing stage	Stem borer	Provide proper drainage in the field
Green gram	Maturity stage		Good drainage may be given to manage soil borne root diseases

#### Horticultural crop

Water logging in the field should be completely avoided since stagnation of water predisposes the plant to infection. Provide proper drainage and keep land free from weeds at all times. Collect the diseased material as and when the disease is noticed and burn them

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	

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Okra	Fruiting to	Yellow vein	Remove and burn the infected plants from the field			
Okra			<ul> <li><i>Remove and burn the injected plans from the field</i></li> <li><i>Remove the unwanted weed host from the field</i></li> </ul>			
	maturity stage	mosaic	<ul> <li>If the infection is severe, spray imidacloprid at 1ml/lit of water</li> </ul>			
		Spotted	<ul> <li>In the present weather condition, spotted bollworm will be seen. The infested</li> </ul>			
		bollworm	fruits will have a varying number of holes.			
		Dollworm	<ul> <li><i>Remove regularly the attacked fruits and bury deep in the soil.</i></li> </ul>			
Cucurbits	Elouina to	Powdery	Remove the infected leaves			
Cucurous	Flowering to	mildew	Kemove me injecteu teuves			
	fruiting stage	mindew				
		Stink bug	Maintain proper sanitation as they are mostly found in weedy areas.			
			For trailing, dried twigs can be spread on the ground.			
			Weeding should be done whenever necessary.			
Brinjal	Flowering to		Timely weeding and intercultural operation should be done.			
	fruiting stage					
		Wilt	Remove and destroy the affected plant			
			Proper drainage should be maintained in the field			
Naga king	Flowering to	viral disease	Timely weeding and earthing up should be done			
chilli	fruiting stage		Virus infected plants should be removed or uprooted and buried into the soil			
			Daily monitoring should be done for insect pest and need based neem oil			
			should be spray			
Fruit trees			Maintain proper sanitation in and around the vicinity of the tree			
			Prune trees immediately after harvesting. Grow seasonal crops in inter spaces.			
Ginger /	Vegetative	-	Timely earthing up and weeding/hoeing should be done. Mulch the plant with dry			
turmeric	stage		leaves and straw			
			Livestock			
Flood affec		—	-break of human and animal diseases. Vaccination of animals should be done against			
	out-break of major diseases. Provide clean and cool drinking water to the animals					
Poultry	• Trees should be planted near shed to provide shade as well as cool breeze.					
	Prevent water logging near poultry sheds to prevent mosquito breeding.					
	• Make sure that the birds stay warm and cool.					
	On verv s	unny and humi	d days provide electrolytes to replenish their lost nutrients			
Piggery	<ul> <li>Deworm piglets and adult animals on time</li> </ul>					
- 18801 y		pigiets and addi				

	<ul> <li>Vaccinate against FMD and CSF (Classical Swine Fever)</li> <li>Provide multivitamins and minerals during stress periods (hot periods, farrowing periods etc)</li> <li>During this season, stay ready to combat diarrhoea with medication</li> </ul>			
	Fisheries			
Higp 3r-ju ICAR	Conduct inspection every morning, noon and evening to check fish activities, fish appetite, whether there is residual fish feed in the pond, whether the fish come to the surface to breathe and whether there are unusual changes caused by sudden weather changes. By keeping watch, problems can be detected early and prompt remedial actions can be taken			

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## **Integrated Agromet Advisory Service Bulletin from 22<sup>nd</sup> to 26<sup>th</sup> July'17** Tuensang District

Bulletin No:56/2017

			Bulletin No:56/2017			
Weather su	ummary of the prec	eding week	Weather forecast valid upto 26 <sup>th</sup> July'17			
			Probability of moderate rain the coming week.			
• Maximum and minimum temperatures ranged			• Max temp is likely to be 29 <sup>o</sup> C - 31 <sup>o</sup> C and the min temp 22 <sup>o</sup> C to 23 <sup>o</sup> C			
$28^{\circ}$ C to $32^{\circ}$ C	and $22^{\circ}C$ to $24^{\circ}C$ ,	respectively.	Sky is likely to be partly cloudy the coming week			
	idity varied from 5		Relative Humidity is likely to range from 70% to 96%.			
• Wind speed	ranged from 1 to 2	kmph	• Wind speed may reach upto 2 - 3 kmph			
			• Wind direction will be mostly southeasterly			
			Field crops			
	-	Proper dra	inage should be maintained in the field.			
Main	Stage	Pest/	Agro-meteorological Advisories			
Crops		Diseases				
-						
Jhum paddy	Tillering stage	Blast	If the infection is severe, spray tricyclazole 0.1% at 12-15 days interval			
TRC/WRC	Transplanting		In case some transplanted rice plants are washed away due to heavy			
paddy	stage		rainfall, immediate gap filling can be undertaken. However, in case			
			nurseries are not available, the farmers may go for direct sowing of rice			
			using zero Till.			
Kharif maize	Maturing stage	Stem borer	Provide proper drainage in the field			
Green gram	Maturity stage		Good drainage may be given to manage soil borne root diseases			
			Horticultural mon			
Water la sain	a in the field should	h a . a	Horticultural crop			
			avoided since stagnation of water predisposes the plant to infection. Provide all times. Collect the diseased material as and when the disease is noticed and			
proper dramag	e and keep fand het	e moni weeus ai	burn them			
Citrus	Flowering to	Mealy bug	<ul> <li>In citrus orchard, destroy the ant colonies (black ants) as they act a</li> </ul>			
Curus	fruiting stage	Wicary bug	the carriers of mealy bug. The affected plants become pale, will d			
	Hulling Stage		may die also. In heavily attacked plants, citrus fruits do not set.			
			<ul> <li>Timely weeding should be carried out</li> </ul>			
Okra	Fruiting to	Yellow vein	<ul> <li>Remove and burn the infected plants from the field</li> </ul>			
OMU	maturity stage	mosaic	<ul> <li><i>Remove the unwanted weed host from the field</i></li> </ul>			
	induitity stuge	mosure	> If the infection is severe, spray imidacloprid at 1ml/lit of water			

Spotted

> In the present weather condition, spotted bollworm will be seen. The

infested fruits will have a varying number of holes.

		bollworm	Remove regularly the attacked fruits and bury deep in the soil.			
Cucurbits	Flowering to fruiting stage	Powdery mildew	Remove the infected leaves			
		Stink bug	Maintain proper sanitation as they are mostly found in weedy areas.			
			<ul> <li>For trailing, dried twigs can be spread on the ground.</li> <li>Weeding should be done whenever necessary.</li> </ul>			
Brinjal	Flowering to fruiting stage		Timely weeding and intercultural operation should be done.			
		Wilt	<ul> <li><i>Remove and destroy the affected plant</i></li> <li><i>Proper drainage should be maintained in the field</i></li> </ul>			
Naga king chilli	Flowering to fruiting stage	viral disease	<ul> <li>Timely weeding and earthing up should be done</li> <li>Virus infected plants should be removed or uprooted and buried into the soil</li> <li>Daily monitoring should be done for insect pest and need based neem oil should be spray</li> </ul>			
Fruit trees			Maintain proper sanitation in and around the vicinity of the tree Prune trees immediately after harvesting. Grow seasonal crops in inter spaces.			
Ginger / turmeric	Vegetative stage	-	Timely earthing up and weeding/hoeing should be done. Mulch the plant with dry leaves and straw			
Flood affed			<i>Livestock</i> break of human and animal diseases. Vaccination of animals should be done eases. Provide clean and cool drinking water to the animals			
Poultry	Trees shoul	d be planted ne	ar shed to provide shade as well as cool breeze.			
		<ul> <li>Prevent water logging near poultry sheds to prevent mosquito breeding.</li> <li>Make sure that the birds stay warm and cool.</li> </ul>				
Piggery	-					
	Vaccinate against FMD and CSF (Classical Swine Fever)					
		nultivitamins and minerals during stress periods (hot periods, farrowing periods etc) is season, stay ready to combat diarrhoea with medication				



Conduct inspection every morning, noon and evening to check fish activities, fish appetite, whether there is residual fish feed in the pond, whether the fish come to the surface to breathe and whether there are unusual changes caused by sudden weather changes. By keeping watch, problems can be detected early and prompt remedial actions can be taken

Sl.no	Name	Designation	Department	
1	Dr.D.J. Rajkhowa	Principle Scientist	Agronomy	djrajkhowa@gmail.com
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4	Dr. Rajesha G	Scientist	Plant Pathology	rajeshag337@gmail.com
5	Dr. Mahak Singh	Scientist	Animal Reproduction & Gynaecology	mahaksinghivri@gmail.com
	Dr. Azeze Seyie Scientist Spices, Plantation & Medicinal &		Spices, Plantation & Medicinal &	
6	6		Aromatic Plants	azezeseyie@yahoo.com
7	Jyotish Barman	Scientist	Fisheries Resource Management	jyotish5@gmail.com
8	Aabon W Yanthan	Scientist	Vegetable Science	aabon.iari@gmail.com



# **Integrated Agromet Advisory Service Bulletin from 22<sup>nd</sup> to 26<sup>th</sup> July'17** Wokha District

Bulletin No:56/2017

			Dunetin N0.30/2017	
Weather summary of the preceding week			Weather forecast valid upto 26 <sup>th</sup> July'17	
<ul> <li>Moderate rain occurred the past week</li> </ul>			<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 $19^{\circ}$ C to $20^{\circ}$ C	
$28^{\circ}$ C to $32^{\circ}$ C	and 19°C to 23°C, resp	ectively.	Sky is likely to be mainly cloudy the coming week	
Relative hum	idity varied from 47%	to 94%.	• <b>Relative Humidity</b> is likely to range from 69% to 94%.	
• Wind speed ra	anged from 2 to 4 kmpl	h	• Wind speed may reach upto 3- 4 kmph	
-	•		Wind direction will be mostly southeasterly	
			Field crops	
		Proper drainag	ge should be maintained in the field.	
Main	Stage	Pest/	Agro-meteorological Advisories	
Crops		Diseases		
Jhum paddy	Booting stage		Daily monitoring should be done for pest and diseases and try to manage	
			it during the initial stage.	
TRC/WRC	Transplanting stage		In case some transplanted rice plants are washed away due to heavy	
paddy			rainfall, immediate gap filling can be undertaken. However, in case	
1 2			nurseries are not available, the farmers may go for direct sowing of rice	
			using zero Till.	
Kharif maize	Maturing stage	Stem borer	Provide proper drainage in the field	
Green gram	Maturity stage		Good drainage may be given to manage soil borne root diseases	
			Horticultural crop	
Water logging	g in the field should be	completely avo	bided since stagnation of water predisposes the plant to infection. Provide	
proper drainage	e and keep land free fro	m weeds at all	times. Collect the diseased material as and when the disease is noticed and	
	•		burn them	
Citrus	Flowering to	Mealy bug	In citrus orchard, destroy the ant colonies (black ants) as they act	
	fruiting stage		as the carriers of mealy bug. The affected plants become	
			wilt and may die also. In heavily attacked plants, citrus fruits do	
			not set.	
			Timely weeding should be carried out	
Okra	Fruiting to maturity	Yellow vein	Remove and burn the infected plants from the field	
	stage	mosaic	Remove the unwanted weed host from the field	
	U		➢ If the infection is severe, spray imidacloprid at 1ml/lit of water	

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		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>		
Cucurbits	Flowering to fruiting stage	Powdery mildew	Remove the infected leaves		
		Stink bug	Maintain proper sanitation as they are mostly found in weedy areas.		
			<ul> <li>For trailing, dried twigs can be spread on the ground.</li> <li>Weeding should be done whenever necessary.</li> </ul>		
Brinjal	Flowering to fruiting stage		Timely weeding and intercultural operation should be done.		
		Wilt	<ul> <li>Remove and destroy the affected plant</li> <li>Proper drainage should be maintained in the field</li> </ul>		
Naga king chilli	Flowering to fruiting stage	viral disease	<ul> <li>Timely weeding and earthing up should be done</li> <li>Virus infected plants should be removed or uprooted and buried into the soil</li> <li>Daily monitoring should be done for insect pest and need based</li> </ul>		
			neem oil should be spray		
Fruit trees			Maintain proper sanitation in and around the vicinity of the tree Prune trees immediately after harvesting. Grow seasonal crops in inter spaces.		
Ginger / turmeric	Vegetative stage	-	Timely earthing up and weeding/hoeing should be done. Mulch the plant with dry leaves and straw		
Flood affecte			<i>Livestock</i> k of human and animal diseases. Vaccination of animals should be done es. Provide clean and cool drinking water to the animals		
Poultry	Trees should	be planted near	shed to provide shade as well as cool breeze.		
	<ul> <li>Prevent water logging near poultry sheds to prevent mosquito breeding.</li> <li>Make sure that the birds stay warm and cool</li> </ul>				
	<ul> <li>Make sure that the birds stay warm and cool.</li> <li>On very sunny and humid days provide electrolytes to replenish their lost nutrients</li> </ul>				
Piggery		ets and adult an			
	10				
		Vaccinate against FMD and CSF (Classical Swine Fever) Provide multivitamins and minerals during stress periods (hot periods, farrowing periods etc)			

NO2-

During this season, stay ready to combat diarrhoea with medication
Fisheries
Conduct inspection every morning, noon and evening to check fish activities, fish appetite, whether there is residual fish feed in the pond, whether the fish come to the surface to breathe and whether there are unusual changes caused by sudden weather changes. By keeping watch, problems can be detected early and prompt remedial actions can be taken

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6		Aromatic Plants		azezeseyie@yahoo.com
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# **Integrated Agromet Advisory Service Bulletin from 22<sup>nd</sup> to 26<sup>th</sup> July'17** Zunheboto District

			Bulletin No:56/2017
Weather s	ummary of the prec	eding week	Weather forecast valid upto 26 <sup>th</sup> July'17
<ul> <li>Moderate rain occurred the past week</li> <li>Maximum and minimum temperatures ranged 29°C to 33°C and 21°C to 24°C, respectively.</li> <li>Relative humidity varied from 49% to 95%.</li> <li>Wind speed ranged from 1 to 2 kmph</li> </ul>		eratures ranged respectively. 9% to 95%.	<ul> <li>Probability of moderate rain the coming week.</li> <li>Max temp is likely to be 28°C - 31°C and the min temp 23°C to 24°C</li> <li>Sky is likely to be partly cloudy the coming week</li> <li>Relative Humidity is likely to range from 70% to 94%.</li> <li>Wind speed may reach upto 4- 5 kmph Wind direction will be mostly southeasterly</li> </ul>
		Proper dra	<i>Field crops</i> ainage should be maintained in the field.
Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
Jhum paddy	Booting stage		Daily monitoring should be done for pest and diseases and try to manage it during the initial stage.
TRC/WRC paddy	Transplanting stage		In case some transplanted rice plants are washed away due to heavy rainfall, immediate gap filling can be undertaken. However, in case nurseries are not available, the farmers may go for direct sowing of rice using zero Till.
Kharif maize	Maturing stage	Stem borer	Provide proper drainage in the field
Green gram	Maturity stage		Good drainage may be given to manage soil borne root diseases
Water logging in the field should be completely avoided			<i>Horticultural crop</i> A avoided since stagnation of water predisposes the plant to infection. Provide at all times. Collect the diseased material as and when the disease is noticed and burn them
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> </ul>

> Timely weeding should be carried out

Remove and burn the infected plants from the field

If the infection is severe, spray imidacloprid at 1ml/lit of water

Remove the unwanted weed host from the field

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Okra

Fruiting to

maturity stage

Yellow vein

mosaic

 $\geq$ 

 $\triangleright$ 

 $\geq$ 

		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>
Cucurbits	Flowering to fruiting stage	Powdery mildew	Remove the infected leaves
		Stink bug	Maintain proper sanitation as they are mostly found in weedy areas.
			<ul> <li>For trailing, dried twigs can be spread on the ground.</li> <li>Weeding should be done whenever necessary.</li> </ul>
Brinjal	Flowering to fruiting stage		Timely weeding and intercultural operation should be done.
		Wilt	<ul> <li>Remove and destroy the affected plant</li> <li>Proper drainage should be maintained in the field</li> </ul>
Naga king chilli	Flowering to fruiting stage	viral disease	<ul> <li>Timely weeding and earthing up should be done</li> <li>Virus infected plants should be removed or uprooted and buried into the soil</li> </ul>
			Daily monitoring should be done for insect pest and need based neen oil should be spray
Fruit trees			Maintain proper sanitation in and around the vicinity of the tree Prune trees immediately after harvesting. Grow seasonal crops in interpretences.
Ginger / turmeric	Vegetative stage	-	<i>Timely earthing up and weeding/hoeing should be done. Mulch the plant wi dry leaves and straw</i>
Flood affe			<i>Livestock</i> break of human and animal diseases. Vaccination of animals should be done
	against out-br	eak of major dis	seases. Provide clean and cool drinking water to the animals
Poultry	Trees should	ld be planted ne	ar shed to provide shade as well as cool breeze.
Poultry	<ul><li>Trees shou</li><li>Prevent wa</li></ul>	ld be planted ne ter logging near	ar shed to provide shade as well as cool breeze. poultry sheds to prevent mosquito breeding.
Poultry	<ul><li>Trees shou</li><li>Prevent wa</li><li>Make sure</li></ul>	ld be planted ne ter logging near that the birds sta	ar shed to provide shade as well as cool breeze. poultry sheds to prevent mosquito breeding. ay warm and cool.
	<ul> <li>Trees shou</li> <li>Prevent wa</li> <li>Make sure</li> <li>On very su</li> </ul>	ld be planted ne ter logging near that the birds sta nny and humid	ar shed to provide shade as well as cool breeze. poultry sheds to prevent mosquito breeding. ay warm and cool. days provide electrolytes to replenish their lost nutrients
Poultry Piggery	<ul> <li>Trees shou</li> <li>Prevent wa</li> <li>Make sure</li> <li>On very su</li> <li>Deworm pice</li> </ul>	ld be planted ne tter logging near that the birds sta nny and humid o iglets and adult a	ar shed to provide shade as well as cool breeze. poultry sheds to prevent mosquito breeding. ay warm and cool. days provide electrolytes to replenish their lost nutrients animals on time
	<ul> <li>Trees shou</li> <li>Prevent wa</li> <li>Make sure</li> <li>On very su</li> <li>Deworm pi</li> <li>Vaccinate a</li> </ul>	ld be planted ne ter logging near that the birds sta nny and humid o iglets and adult a against FMD an	ar shed to provide shade as well as cool breeze. poultry sheds to prevent mosquito breeding. ay warm and cool. days provide electrolytes to replenish their lost nutrients animals on time d CSF (Classical Swine Fever)
	<ul> <li>Trees shou</li> <li>Prevent wa</li> <li>Make sure</li> <li>On very su</li> <li>Deworm pi</li> <li>Vaccinate a</li> <li>Provide mu</li> </ul>	ld be planted ne tter logging near that the birds sta nny and humid iglets and adult a against FMD an iltivitamins and	ar shed to provide shade as well as cool breeze. poultry sheds to prevent mosquito breeding. ay warm and cool. days provide electrolytes to replenish their lost nutrients animals on time



Conduct inspection every morning, noon and evening to check fish activities, fish appetite, whether there is residual fish feed in the pond, whether the fish come to the surface to breathe and whether there are unusual changes caused by sudden weather changes. By keeping watch, problems can be detected early and prompt remedial actions can be taken

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6			Aromatic Plants	azezeseyie@yahoo.com
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# Integrated Agromet Advisory Service Bulletin from 22<sup>nd</sup> to 26<sup>th</sup> July'17 Dimapur District

Bulletin No:56/2017

4				Duneun 110:50/2017
	Weather st	ummary of the prec	eding week	Weather forecast valid upto 26 <sup>th</sup> July'17
		curred the past weel		<ul> <li>Probability of light rain the coming week.</li> </ul>
	• Maximum and n	ninimum temperatu	res ranged 25	<sup>o</sup> C to $ $ • Max temp is likely to be 32 <sup>o</sup> C - 33 <sup>o</sup> C and the min temp 24 <sup>o</sup> C to 25 <sup>o</sup> C
	$34^{\circ}$ C and $23^{\circ}$ C to	$\sim 25^{\circ}$ C, respectively.		Sky is likely to be partly cloudy the coming week
	Relative humidit	y varied from 52% t	o 96%.	• <b>Relative Humidity</b> is likely to range from 63% to 95%.
	Wind speed rang	ed from 1 to 2 kmpl	ı	• Wind speed may reach upto 2- 4 kmph
		-		Wind direction will be mostly southeasterly
A				
EM				Field crops
ΗΗ			Proper dr	ainage should be maintained in the field.
ZIF	Main Crops	Stage	Pest/	Agro-meteorological Advisories
ED.	-	U	Diseases	
IM	Jhum paddy	Booting stage		Daily monitoring should be done for pest and diseases and try to manage it
NI.				during the initial stage.
<b>PA</b>	TRC/WRC	Transplanting		In case some transplanted rice plants are washed away due to heavy rainfall,
IAI	paddy	stage		immediate gap filling can be undertaken. However, in case nurseries are not
RN				available, the farmers may go for direct sowing of rice using zero Till.
HA	Kharif maize	Maturing stage	Stem borer	Provide proper drainage in the field
, J]				
NAGALAND CENTER, JHARNAPANI. MEDZIPHEMA	Green gram	Maturity stage		Good drainage may be given to manage soil borne root diseases
EN		I		Horticultural crop
00	Water logging in	the field should be	completely av	roided since stagnation of water predisposes the plant to infection. Provide proper
N				es. Collect the diseased material as and when the disease is noticed and burn them
ТA	Citrus	Flowering to	Mealy bug	➢ In citrus orchard, destroy the ant colonies (black ants) as they act as the
GA		fruiting stage		carriers of mealy bug. The affected plants become pale, wilt and may die
IA				also. In heavily attacked plants, citrus fruits do not set.
4				Timely weeding should be carried out
	Okra	Fruiting to	Yellow	Remove and burn the infected plants from the field
		maturity stage	vein	Remove the unwanted weed host from the field
			mosaic	<ul><li>If the infection is severe, spray imidacloprid at 1ml/lit of water</li></ul>
			Spotted	In the present weather condition, spotted bollworm will be seen. The
			bollworm	infested fruits will have a varying number of holes.
				Remove regularly the attacked fruits and bury deep in the soil.

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

	Cucurbits	Flowering to fruiting stage	Powdery mildew	Remove the infected leaves		
			Stink bug	<ul> <li>Maintain proper sanitation as they are mostly found in weedy areas.</li> <li>For trailing, dried twigs can be spread on the ground.</li> </ul>		
				Weeding should be done whenever necessary.		
	Brinjal	Flowering to		Timely weeding and intercultural operation should be done.		
		fruiting stage	Wilt	<ul> <li>Remove and destroy the affected plant</li> <li>Proper drainage should be maintained in the field</li> </ul>		
	Naga king chilli	Flowering to fruiting stage	viral disease	<ul> <li>Timely weeding and earthing up should be done</li> <li>Virus infected plants should be removed or uprooted and buried into the soil</li> <li>Daily monitoring should be done for insect pest and need based neem oil should be spray</li> </ul>		
	Fruit trees			Maintain proper sanitation in and around the vicinity of the tree Prune trees immediately after harvesting. Grow seasonal crops in inter spaces.		
	Ginger / turmeric	Vegetative stage	-	Timely earthing up and weeding/hoeing should be done. Mulch the plant with dry leaves and straw		
	Flood affected are			<i>Livestock</i> of human and animal diseases. Vaccination of animals should be done against out- s. Provide clean and cool drinking water to the animals		
	Poultry	Trees sh	ould be plante	d near shed to provide shade as well as cool breeze.		
		• Prevent	water logging	near poultry sheds to prevent mosquito breeding.		
		Make su	re that the bird	e that the birds stay warm and cool.		
		On very	sunny and hui	nid days provide electrolytes to replenish their lost nutrients		
	Piggery	Deworm	piglets and ad	dult animals on time		
		Vaccinat	e against FMI	against FMD and CSF (Classical Swine Fever)		
		Provide	nultivitamins and minerals during stress periods (hot periods, farrowing periods etc)			
		During t	his season, sta	y ready to combat diarrhoea with medication		
				Fisheries		
/		Conduct inspection every morning, noon and evening to check fish activities, fish appetite, whether there is residual fish feed in the pond, whether the fish come to the surface to breathe and whether there are unusual changes caused by sudden weather changes. By keeping watch, problems can be detected early and prompt remedial actions can be taken				

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# Integrated Agromet Advisory Service Bulletin from 22<sup>nd</sup> to 26<sup>th</sup> July'17 Kiphire District

Bulletin No:56/2017

	ummary of the preced		Weather forecast valid upto 26 <sup>th</sup> July'17	
	n occurred the past we		<ul> <li>Probability of moderate rain the coming week.</li> </ul>	
	nd minimum tempera		• Max temp is likely to be $24^{\circ}$ C - $25^{\circ}$ C and the min temp $20^{\circ}$ C to $21^{\circ}$ C	
$30^{\circ}$ C to $32^{\circ}$ C and $21^{\circ}$ C to $24^{\circ}$ C, respectively.			Sky is likely to be mainly cloudy the coming week	
	dity varied from 52%		• <b>Relative Humidity</b> is likely to range from 71% to 96%.	
• Wind speed ra	inged from 1 to 2 kmpl	h	• Wind speed may reach upto 2- 3kmph	
			Wind direction will be mostly southeasterly	
			Field crops	
		Proper dra	inage should be maintained in the field.	
Main Crops	Stage	Pest/	Agro-meteorological Advisories	
-		Diseases		
Jhum paddy	Booting stage		Daily monitoring should be done for pest and diseases and try to manage it during the initial stage.	
TRC/WRC	Transplanting		In case some transplanted rice plants are washed away due to heavy rainfall,	
paddy	stage		immediate gap filling can be undertaken. However, in case nurseries are not	
puuuy	stage		available, the farmers may go for direct sowing of rice using zero Till.	
Kharif maize	Maturing stage	Stem borer     Provide proper drainage in the field		
Knurtj mutte	Waturing stage	Stelli borer	Troviae proper aramage in the field	
Green gram	Maturity stage	Good drainage may be given to manage soil borne root diseases		
			Horticultural crop	
Water logging in the field should be completely ave		completely avo	bided since stagnation of water predisposes the plant to infection. Provide proper	
drainage and	keep land free from we	eeds at all times	s. Collect the diseased material as and when the disease is noticed and burn them	
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	
Okra	Fruiting to	Yellow vein	Remove and burn the infected plants from the field	
	maturity stage	mosaic	Remove the unwanted weed host from the field	
			If the infection is severe, spray imidacloprid at 1ml/lit of water	
		Spotted	In the present weather condition, spotted bollworm will be seen. The	
		bollworm	infested fruits will have a varying number of holes.	
			Remove regularly the attacked fruits and bury deep in the soil.	

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

Cucurbits	Flowering to fruiting stage	Powdery mildew	Remove the infected leaves	
		Stink bug	Maintain proper sanitation as they are mostly found in weedy areas.	
			➢ For trailing, dried twigs can be spread on the ground.	
			Weeding should be done whenever necessary.	
Brinjal	Flowering to fruiting stage		Timely weeding and intercultural operation should be done.	
		Wilt	Remove and destroy the affected plant	
			Proper drainage should be maintained in the field	
Naga king chilli	Flowering to fruiting stage	viral disease	<ul> <li>Timely weeding and earthing up should be done</li> <li>Virus infected plants should be removed or uprooted and buried into the soil</li> </ul>	
			Daily monitoring should be done for insect pest and need based neem oil should be spray	
Fruit trees			Maintain proper sanitation in and around the vicinity of the tree	
Truu trees			Prune trees immediately after harvesting. Grow seasonal crops in inter spaces.	
Ginger / turmeric	Vegetative stage	-	Timely earthing up and weeding/hoeing should be done. Mulch the plant with dry leaves and straw	
			Livestock	
Flood affected are			of human and animal diseases. Vaccination of animals should be done against out- Provide clean and cool drinking water to the animals	
Poultry	Trees should	d be planted ne	ar shed to provide shade as well as cool breeze.	
	Prevent wat	er logging near	poultry sheds to prevent mosquito breeding.	
	<ul> <li>Make sure that the birds stay warm and cool.</li> </ul>			
	Make sure t	hat the birds sta	ay warm and cool.	
Piggery	On very sun	ny and humid	days provide electrolytes to replenish their lost nutrients	
Piggery	<ul><li>On very sun</li><li>Deworm pig</li></ul>	nny and humid glets and adult a	days provide electrolytes to replenish their lost nutrients animals on time	
Piggery	<ul> <li>On very sun</li> <li>Deworm pig</li> <li>Vaccinate ag</li> </ul>	ny and humid glets and adult a gainst FMD an	days provide electrolytes to replenish their lost nutrients animals on time d CSF (Classical Swine Fever)	
Piggery	<ul> <li>On very sun</li> <li>Deworm pig</li> <li>Vaccinate ag</li> <li>Provide multiplication</li> </ul>	ny and humid glets and adult gainst FMD an ltivitamins and	days provide electrolytes to replenish their lost nutrients animals on time	



Conduct inspection every morning, noon and evening to check fish activities, fish appetite, whether there is residual fish feed in the pond, whether the fish come to the surface to breathe and whether there are unusual changes caused by sudden weather changes. By keeping watch, problems can be detected early and prompt remedial actions can be taken

Sl.no	Name	Designation	Department	
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3	Ph. Romen Sharma	Scientist	Agricultural Extension	romen.agext@gmail.com
4	Dr. Rajesha G	Scientist	Plant Pathology	rajeshag337@gmail.com
5	Dr. Mahak Singh	Scientist	Animal Reproduction & Gynaecology	mahaksinghivri@gmail.com
	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 22<sup>nd</sup> to 26<sup>th</sup> July'17 Kohima District

Bulletin No:56/2017

Weather sur	mmary of the prece	ding week	Weather forecast valid upto 26 <sup>th</sup> July'17
<ul> <li>Moderate rain occurred the past week</li> </ul>			Probability of moderate rain the coming week.
	minimum temperat		• Max temp is likely to be $25^{\circ}$ C - $26^{\circ}$ C and the min temp $18^{\circ}$ C to $19^{\circ}$ C
$^{0}$ C to 28 $^{0}$ C and	$16^{\circ}$ C to $18^{\circ}$ C, respe	ectively.	Sky is likely to be partly cloudy the coming week
	ity varied from 55%		• <b>Relative Humidity</b> is likely to range from 64% to 97%.
• Wind speed ran	nged from 1 to 2 km	ph	• Wind speed may reach upto 2- 3 kmph
			Wind direction will be easterly
			Field crops
		Proper draina	age should be maintained in the field.
Main Crops	Stage	Pest/	Agro-meteorological Advisories
•	U	Diseases	
Jhum paddy	Booting stage		Daily monitoring should be done for pest and diseases and try to manage
1 2			it during the initial stage.
TRC/WRC	Transplanting		In case some transplanted rice plants are washed away due to heavy
paddy	stage		rainfall, immediate gap filling can be undertaken. However, in case
1			nurseries are not available, the farmers may go for direct sowing of rice
			using zero Till.
Kharif maize	Maturing stage	Stem borer	Provide proper drainage in the field
U			
Green gram	Maturity stage		Good drainage may be given to manage soil borne root diseases
			Hontioultural anon
Water logging	in the field should h	a completely ev	<i>Horticultural crop</i> oided since stagnation of water predisposes the plant to infection. Provide
			I times. Collect the diseased material as and when the disease is noticed and
proper dramage		10111 weeus at al	burn them
Citrus	Flowering to	Mealy bug	> In citrus orchard, destroy the ant colonies (black ants) as they act
	fruiting stage		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.

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> Timely weeding should be carried out

Okra	Empities to	Yellow vein	<i>Remove and burn the infected plants from the field</i>
Okra	Fruiting to		<ul> <li><i>Remove that burn the injected plants from the field</i></li> <li><i>Remove the unwanted weed host from the field</i></li> </ul>
	maturity stage	mosaic	<ul> <li>If the infection is severe, spray imidacloprid at 1ml/lit of water</li> </ul>
		Spotted	<ul> <li>In the present weather condition, spotted bollworm will be seen.</li> </ul>
		bollworm	The infested fruits will have a varying number of holes.
		DOIIWOIIII	<ul> <li>Remove regularly the attacked fruits and bury deep in the soil.</li> </ul>
Cucurbits	Flowering to	Powdery	Remove the infected leaves
Cucurbus	Ũ	mildew	
	fruiting stage	initiae w	
		Stink bug	Maintain proper sanitation as they are mostly found in weedy areas.
			For trailing, dried twigs can be spread on the ground.
			Weeding should be done whenever necessary.
Brinjal	Flowering to fruiting stage		Timely weeding and intercultural operation should be done.
		Wilt	Remove and destroy the affected plant
			Proper drainage should be maintained in the field
Naga king	Flowering to	viral disease	Timely weeding and earthing up should be done
chilli	fruiting stage		Virus infected plants should be removed or uprooted and buried
			into the soil
			Daily monitoring should be done for insect pest and need based neem oil should be spray
Fruit trees			Maintain proper sanitation in and around the vicinity of the tree Prune trees immediately after harvesting. Grow seasonal crops in inter
			spaces.
Ginger /	Vegetative stage	_	Timely earthing up and weeding/hoeing should be done. Mulch the plant
turmeric	v egetative stage		with dry leaves and straw
			Livestock
Flood affect	ed areas generally evi	perience out-bre	ak of human and animal diseases. Vaccination of animals should be done
i lood alleed		-	ses. Provide clean and cool drinking water to the animals
Poultry		2	ear shed to provide shade as well as cool breeze.
2000019		-	-
			r poultry sheds to prevent mosquito breeding.
			ay warm and cool.
	On very su	nny and humid	days provide electrolytes to replenish their lost nutrients
Piggery	Deworm p	iglets and adult	animals on time

	<ul> <li>Vaccinate against FMD and CSF (Classical Swine Fever)</li> <li>Provide multivitamins and minerals during stress periods (hot periods, farrowing periods etc)</li> <li>During this season, stay ready to combat diarrhoea with medication</li> </ul>
	Fisheries
HIEDSHILL	Conduct inspection every morning, noon and evening to check fish activities, fish appetite, whether there is residual fish feed in the pond, whether the fish come to the surface to breathe and whether there are unusual changes caused by sudden weather changes. By keeping watch, problems can be detected early and prompt remedial actions can be taken

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# Integrated Agromet Advisory Service Bulletin from 22<sup>nd</sup> to 26<sup>th</sup> July'17 Longleng District

Bulletin No:56/2017 Weather forecast valid upto 26<sup>th</sup> July'17 Weather summary of the preceding week • Moderate rain occurred the past week • Probability of moderate rain the coming week. • Maximum and minimum temperatures ranged 29<sup>o</sup>C • Max temp is likely to be  $32^{\circ}$ C -  $36^{\circ}$ C and the min temp  $25^{\circ}$ C to  $26^{\circ}$ C to 34<sup>o</sup>C and 21<sup>o</sup>C to 24<sup>o</sup>C, respectively. • Sky is likely to be partly cloudy the coming week • Relative humidity varied from 47% to 93%. • **Relative Humidity** is likely to range from 63% to 92%. • Wind speed ranged from 1 to 2 kmph • Wind speed may reach upto 2-4 kmph Wind direction will be mostly southeasterly Field crops Proper drainage should be maintained in the field. Agro-meteorological Advisories Main Stage Pest/ Crops **Diseases** Daily monitoring should be done for pest and diseases and try to manage Jhum paddy Booting stage it during the initial stage. TRC/WRC Transplanting stage In case some transplanted rice plants are washed away due to heavy rainfall, immediate gap filling can be undertaken. However, in case paddy nurseries are not available, the farmers may go for direct sowing of rice using zero Till. Kharif maize Maturing stage Provide proper drainage in the field Stem borer Good drainage may be given to manage soil borne root diseases Maturity stage Green gram Horticultural crop Water logging in the field should be completely avoided since stagnation of water predisposes the plant to infection. Provide proper drainage and keep land free from weeds at all times. Collect the diseased material as and when the disease is noticed and burn them > In citrus orchard, destroy the ant colonies (black ants) as they act Flowering to fruiting Citrus Mealy bug as the carriers of mealy bug. The affected plants become pale, wilt stage and may die also. In heavily attacked plants, citrus fruits do not set. Timely weeding should be carried out  $\geq$ 

Fruiting to maturity

stage

Yellow

vein

Remove and burn the infected plants from the field

> If the infection is severe, spray imidacloprid at 1ml/lit of water

Remove the unwanted weed host from the field

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Okra

		mosaic					
		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>				
Cucurbits	Flowering to fruiting stage	Powdery mildew	Remove the infected leaves				
		Stink bug	Maintain proper sanitation as they are mostly found in weedy areas.				
			<ul> <li>For trailing, dried twigs can be spread on the ground.</li> <li>Weeding should be done whenever necessary.</li> </ul>				
Brinjal	Flowering to fruiting stage		Timely weeding and intercultural operation should be done.				
		Wilt	<ul> <li>Remove and destroy the affected plant</li> <li>Proper drainage should be maintained in the field</li> </ul>				
Naga king chilli	Flowering to fruiting stage	viral disease	<ul> <li>Timely weeding and earthing up should be done</li> <li>Virus infected plants should be removed or uprooted and buried into the soil</li> <li>Daily monitoring should be done for insect pest and need based neem oil should be spray</li> </ul>				
Fruit trees			Maintain proper sanitation in and around the vicinity of the tree Prune trees immediately after harvesting. Grow seasonal crops in inter spaces.				
Ginger / turmeric	Vegetative stage	-	Timely earthing up and weeding/hoeing should be done. Mulch the plant with dry leaves and straw				
<i>Livestock</i> Flood affected areas generally experience out-break of human and animal diseases. Vaccination of animals should be done against out-break of major diseases. Provide clean and cool drinking water to the animals							
Poultry	<ul> <li>Trees should be planted near shed to provide shade as well as cool breeze.</li> <li>Prevent water logging near poultry sheds to prevent mosquito breeding.</li> <li>Make sure that the birds stay warm and cool.</li> <li>On very sunny and humid days provide electrolytes to replenish their lost nutrients</li> </ul>						

	Piggery	<ul> <li>Deworm piglets and adult animals on time</li> <li>Vaccinate against FMD and CSF (Classical Swine Fever)</li> <li>Provide multivitamins and minerals during stress periods (hot periods, farrowing periods etc)</li> <li>During this season, stay ready to combat diarrhoea with medication</li> </ul>		
	Fisheries			
HID SIGH ICAR		Conduct inspection every morning, noon and evening to check fish activities, fish appetite, whether there is residual fish feed in the pond, whether the fish come to the surface to breathe and whether there are unusual changes caused by sudden weather changes. By keeping watch, problems can be detected early and prompt remedial actions can be taken		

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