

# Integrated Agromet Advisory Service Bulletin from 10<sup>th</sup> to 14<sup>th</sup> June'17 Kohima District

Bulletin No:44/2017

Weather summary of the preceding week	Weather forecast valid upto 14 <sup>th</sup> June'17					
Light rain occurred the past week	Probability of moderate rain the coming week.					
• Maximum and minimum temperatures ranged 24	• Max temp is likely to be $26^{\circ}$ C - $28^{\circ}$ C and the min temp $17^{\circ}$ C to $18^{\circ}$ C					
$^{0}$ C to 28 $^{0}$ C and 15 $^{0}$ C to 17 $^{0}$ C, respectively.	Sky is likely to be mainly cloudy the coming week					
Relative humidity varied from 55% to 98%.	• <b>Relative Humidity</b> is likely to range from 46% to 95%.					
Wind speed ranged from 1 to 2 kmph	• Wind speed may reach upto 1- 2 kmph					
	Wind direction will be southwesterly					
Field crops						

As the temperature is on rise, provide mulching to the crops as it conserves moisture, maintains an even soil temperature

Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories	
Jhum paddy	Tillering stage	Blast	If the infection is severe, spray tricyclazole 0.1%	
TRC/WRC paddy	Nursery		Prepare the main field for transplanting Flood the field 1 or 2 days before ploughing and allow water to soak in. Keep the surface of the field covered with water. Keep water to a depth of 2.5cm at the time of puddling.	
Kharif maize	Vegetative stage	Stem borer	The prevalent weather is favourable for the development of stem borer. Removed the infested plant parts.	
Green gram	Flowering stage		Good drainage may be given to manage soil borne root diseases	
			Horticultural crop	
Citrus	Flowering to fruiting stage	Citrus caterpillar	Proper monitoring should be done against the caterpillar a heavily attacked plants bear no fruits. If possible hand picked the caterpillar and pupae and destroys them in kerosene.	
Okra	Flowering to fruiting stage	Yellow vein mosaic	<ul> <li>Remove and burn the infected plants from the field</li> <li>Remove the unwanted weed host from the field</li> <li>If the infection is severe, spray imidacloprid at 1ml/lit of water</li> </ul>	
		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>	

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Cucurbits	Vegetative 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	Vegetative 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	Vegetative stage	White files, aphids, viral disease , leaf curl, flower drop	<ul> <li>Spray neem oil to the plants to control white flies infestation and thereby prevent viral disease</li> <li>Uproot the infected plants and bury diseased plants or burn it</li> <li>Pinch the tip of the plants to encourage more lateral shoot development</li> <li>For plants infected with leaf curl, it should be removed from the field immediately</li> </ul>	
Fruit trees			Maintain proper sanitation in and around the vicinity of the tree	
Ginger / turmeric	Vegetative stage	-	Timely earthing up and weeding should be done. Mulch the plant with dry leaves and straw	
Provi			<i>Livestock</i> the animals and keep the animals in the shade during the daytime. early morning or evening when temperatures are lower.	
Poultry	<ul><li>Protect the</li><li>Keep the li</li></ul>	birds from rain tter material dry		
Piggery	<ul><li>Maintai</li><li>Deworm</li></ul>	ccinate against swine fever intain hygiene in pig house to protect from diarrhea worm the animal at 3 month interval AI, if animal comes into heat		
	Fisheries			
			ended dose depending on the pH	
			ication, apply cow dung and wait till the pond water turns green.	
	Put some a	quatic plant in c	one corner of the pond for sheltering stocked fish during high temperature.	



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	Dr. Azeze Seyie Scientist Spic		Spices, Plantation & Medicinal &	
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# Integrated Agromet Advisory Service Bulletin from 10<sup>th</sup> to 14<sup>th</sup> June'17 Longleng District

**Bulletin No:44/2017** 

Weather forecast valid upto 14<sup>th</sup> June'17

Weather summary of the preceding week • Light rain occurred the past week • Probability of light rain the coming week. • Max temp is likely to be  $32^{\circ}$ C -  $34^{\circ}$ C and the min temp  $22^{\circ}$ C to  $24^{\circ}$ C • Maximum and minimum temperatures ranged 28<sup>o</sup>C to  $30^{\circ}$ C and  $21^{\circ}$ C to  $22^{\circ}$ C, respectively. • Relative humidity varied from 56% to 92%. • Wind speed ranged from 1 to 2 kmph NAGALAND CENTER, JHARNAPANI. MEDZIPHEMA ICAR RESEARCH COMPLEX FOR NEH REGION (Indian Council of Agricultural Research) Main Pest/ Stage Crops **Diseases** Tillering stage Jhum paddy Blast TRC/WRC Nursery paddy Kharif maize Vegetative stage Stem borer Green gram Flowering stage Flowering to fruiting Citrus Citrus caterpillar stage Flowering to fruiting Yellow **Okra** 

• Sky is likely to be mainly cloudy the coming week • **Relative Humidity** is likely to range from 47% to 90%. • Wind speed may reach upto 1-2 kmph Wind direction will be mostly southeasterly Field crops As the temperature is on rise, provide mulching to the crops as it conserves moisture, maintains an even soil temperature **Agro-meteorological Advisories** If the infection is severe, spray tricyclazole 0.1% Prepare the main field for transplanting Flood the field 1 or 2 days before ploughing and allow water to soak in. Keep the surface of the field covered with water. Keep water to a depth of 2.5cm at the time of puddling. The prevalent weather is favourable for the development of stem borer. Removed the infested plant parts. Good drainage may be given to manage soil borne root diseases Horticultural crop > Proper monitoring should be done against the caterpillar as heavily attacked plants bear no fruits. If possible hand picked the caterpillar and pupae and destroys them in kerosene. *Remove and burn the infected plants from the field* Remove the unwanted weed host from the field vein stage > If the infection is severe, spray imidacloprid at 1ml/lit of water mosaic > In the present weather condition, spotted bollworm will be seen. Spotted The infested fruits will have a varying number of holes. bollworm *Remove regularly the attacked fruits and bury deep in the soil.* 

Cucurbits	Vegetative 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	Vegetative stage		<ul> <li>Timely weeding and intercultural operation should be done.</li> </ul>
		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	Vegetative stage	White files, aphids, viral disease, leaf curl, flower drop	<ul> <li>Spray neem oil to the plants to control white flies infestation and thereby prevent viral disease</li> <li>Uproot the infected plants and bury diseased plants or burn it</li> <li>Pinch the tip of the plants to encourage more lateral shoot development</li> <li>For plants infected with leaf curl, it should be removed from the field immediately</li> </ul>
Fruit trees			Maintain proper sanitation in and around the vicinity of the tree
Ginger / turmeric	Vegetative stage	-	Timely earthing up and weeding should be done. Mulch the plant with dry leaves and straw
Prov			<i>Livestock</i> ne animals and keep the animals in the shade during the daytime. early morning or evening when temperatures are lower.
Poultry> Protect the birds from rai> Keep the litter material d> Give electrolyte in drinki		material dry	water to birds of 1-6 weeks.
Piggery	<ul><li>Vaccinate a</li><li>Maintain h</li></ul>	against swine fo ygiene in pig h e animal at 3 n	ever ouse to protect from diarrhea nonth interval
	Fisheries		



- > Apply lime as per recommended dose depending on the pH
- > After 15 days of lime application, apply cow dung and wait till the pond water turns green.
- > Put some aquatic plant in one corner of the pond for sheltering stocked fish during high temperature.

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# Integrated Agromet Advisory Service Bulletin from 10<sup>th</sup> to 14<sup>th</sup> June'17 Mokokchung District

			Bulletin No:44/2017	
Weather s	ummary of the prece	eding week	Weather forecast valid upto 14 <sup>th</sup> June'17	
<ul> <li>Maximum and minimum temperatures ranged</li> <li>27°C to 30°C and 19°C to 20°C, respectively.</li> </ul>			<ul> <li>Probability of light rain the coming week.</li> <li>Max temp is likely to be 30°C - 33°C and the min temp 21°C to 22°C</li> <li>Sky is likely to be mainly cloudy the coming week</li> <li>Relative Humidity is likely to range from 48% to 95%.</li> </ul>	
• Wind speed r	ranged from 1 to 2 kn	ıph	<ul> <li>Wind speed may reach upto 1- 2 kmph</li> <li>Wind direction will be southeasterly</li> </ul>	
As the te	emperature is on rise,	provide mulchin	<i>Field crops</i> ng to the crops as it conserves moisture, maintains an even soil temperature	
MainStagePest/CropsDiseases			Agro-meteorological Advisories	
Jhum paddy	- <b>T</b>		If the infection is severe, spray tricyclazole 0.1%	
TRC/WRC paddy	Nursery		Prepare the main field for transplanting Flood the field 1 or 2 days before ploughing and allow water to soak in. Keep the surface of the field covered with water. Keep water to a depth of 2.5cm at the time of puddling.	
Kharif maize	Vegetative stage	Stem borer	The prevalent weather is favourable for the development of stem borer. Removed the infested plant parts.	
Green gram	Flowering stage		Good drainage may be given to manage soil borne root diseases	
			Horticultural crop	
Citrus	Flowering to fruiting stage	Citrus caterpillar	Proper monitoring should be done against the caterpillar as heavily attacked plants bear no fruits. If possible hand picked the caterpillar and pupae and destroys them in kerosene.	
Okra	Flowering to fruiting stage	Yellow vein mosaic	<ul> <li>Remove and burn the infected plants from the field</li> <li>Remove the unwanted weed host from the field</li> <li>If the infection is severe, spray imidacloprid at 1ml/lit of water</li> </ul>	
		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	Vegetative stage	Powdery mildew	Remove the infected leaves	

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

			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>	
B	Brinjal	Vegetative stage		Timely weeding and intercultural operation should be done.	
	<b>J</b>		Wilt	Remove and destroy the affected plant	
				> Proper drainage should be maintained in the field	
	laga king hilli	Vegetative stage	White files, aphids, viral disease, leaf curl, flower drop	<ul> <li>Spray neem oil to the plants to control white flies infestation and thereby prevent viral disease</li> <li>Uproot the infected plants and bury diseased plants or burn it</li> <li>Pinch the tip of the plants to encourage more lateral shoot development</li> <li>For plants infected with leaf curl, it should be removed from the field</li> </ul>	
	urop (		1	immediately	
F	Fruit trees			Maintain proper sanitation in and around the vicinity of the tree	
	linger / urmeric	Vegetative stage	-	Timely earthing up and weeding should be done. Mulch the plant with dry leaves and straw	
				Livestock	
	F	Provide clean and cool	drinking water	to the animals and keep the animals in the shade during the daytime.	
		Ŭ		ng early morning or evening when temperatures are lower.	
P	oultry	Protect the b			
		Keep the litte	· · · · · · · · · · · · · · · · · · ·		
				water to birds of 1-6 weeks.	
	iggery		against swine fev		
				use to protect from diarrhea	
			the animal at 3 mo		
		► D0 AI, 11	animal comes into		
	Fisheries				
		Apply lime as per recommended dose depending on the pH			
		<ul><li>After 15 day</li></ul>	s of lime applica	ation, apply cow dung and wait till the pond water turns green.	
		Put some aqu	latic plant in one	e corner of the pond for sheltering stocked fish during high temperature.	

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## Integrated Agromet Advisory Service Bulletin from 10<sup>th</sup> to 14<sup>th</sup> June'17 Mon District

Bulletin No:44/2017

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ICH.	Weather :	summary of the pre	ceding week	Weather forecast valid upto 14 <sup>th</sup> June'17	
	Light rain oc	curred the past wee	k	<ul> <li>Probability of light rain the coming week.</li> </ul>	
		nd minimum tem			
		and $18^{\circ}$ C to $20^{\circ}$ C,		Sky is likely to be mainly cloudy the coming week	
		idity varied from 57		• <b>Relative Humidity</b> is likely to range from 48% to 92%.	
	Wind speed r	ranged from 1 to 2 k	mph	• Wind speed may reach upto 1- 2 kmph	
A				Wind direction will be mostly southeasterly	
EM				Field crops	
H				g to the crops as it conserves moisture, maintains an even soil temperature	
	Main	Stage	Pest/	Agro-meteorological Advisories	
Ð	Crops		Diseases		
Ň,	Jhum paddy	Tillering stage	Blast	If the infection is severe, spray tricyclazole 0.1%	
Z	TRC/WRC	Nursery		Prepare the main field for transplanting Flood the field 1 or 2 days before	
AP/	paddy			ploughing and allow water to soak in. Keep the surface of the field covered	
NAGALAND CENTER, JHARNAPANI,MEDZIPHEMA				with water.	
	<b>T</b> TI 10 1	<b>T</b> T	G. 1	Keep water to a depth of 2.5cm at the time of puddling.	
Hſ	Kharif maize	Vegetative stage	Stem borer	The prevalent weather is favourable for the development of stem borer.	
Ř				Removed the infested plant parts.	
HL.	Green gram	Flowering stage		Good drainage may be given to manage soil borne root diseases	
CE	Horticultural crop				
A	Citrus	Flowering to	Citrus	Proper monitoring should be done against the caterpillar as heavily	
A		fruiting stage	caterpillar	attacked plants bear no fruits. If possible hand picked the caterpillar	
AL			1	and pupae and destroys them in kerosene.	
AG	Okra	Flowering to	Yellow vein	Remove and burn the infected plants from the field	
Ż		fruiting stage	mosaic	Remove the unwanted weed host from the field	
			Constant a	> 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	<ul> <li>Remove regularly the attacked fruits and bury deep in the soil.</li> </ul>	
	Cucurbits	Vegetative stage	Powdery	Remove the infected leaves	
	Cucurous	, egetuar te stage	mildew		

			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	Vegetative stage		<ul> <li>Timely weeding and intercultural operation should be done.</li> </ul>	
			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	Vegetative stage	White files, aphids, viral disease , leaf curl, flower drop	<ul> <li>Spray neem oil to the plants to control white flies infestation and thereby prevent viral disease</li> <li>Uproot the infected plants and bury diseased plants or burn it</li> <li>Pinch the tip of the plants to encourage more lateral shoot development</li> <li>For plants infected with leaf curl, it should be removed from the field immediately</li> </ul>	
	Fruit trees			Maintain proper sanitation in and around the vicinity of the tree	
	Ginger / turmeric	Vegetative stage	-	<i>Timely earthing up and weeding should be done. Mulch the plant with dry leaves and straw</i>	
	Pro		<i>Livestock</i> drinking water to the animals and keep the animals in the shade during the daytime. uld be done during early morning or evening when temperatures are lower.		
	Poultry	<ul><li>Keep th</li><li>Give ele</li></ul>	the birds from rain ne litter material dry ectrolyte in drinking water to birds of 1-6 weeks. nanagement and sanitation are the best ways to avoid infectious disease in poultry.		
	Piggery	> Vac	cinate against swir		
		> Dew	Form the animal at AI, if animal come	3 month interval	
				Fisheries	
Augo 3 regis ICAR		<ul> <li>Apply lime as per recommended dose depending on the pH</li> <li>After 15 days of lime application, apply cow dung and wait till the pond water turns green.</li> <li>Put some aquatic plant in one corner of the pond for sheltering stocked fish during high temperat</li> <li>Avoid excessive manuring and feeding which can lead to oxygen depletion in cloudy weather, he both should be avoided.</li> </ul>		umended dose depending on the pH plication, apply cow dung and wait till the pond water turns green. n one corner of the pond for sheltering stocked fish during high temperature	

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ICAR RESEARCH COMPLEX FOR NEH REGION (Indian Council of Agricultural Research)

### Integrated Agromet Advisory Service Bulletin from 10<sup>th</sup> to 14<sup>th</sup> June'17 Peren District

Bulletin No:44/2017

			Bulletin No:44/2017		
	nmary of the preced	ing week	Weather forecast valid upto 14 <sup>th</sup> June'17		
	urred the past week		<ul> <li>Probability of light rain the coming week.</li> </ul>		
Maximum and minimum temperatures ranged			• Max temp is likely to be $32^{\circ}$ C - $33^{\circ}$ C and the min temp $24^{\circ}$ C to $25^{\circ}$ C		
$32^{0}$ C to $33^{0}$ C a	and $24^{\circ}$ C to $25^{\circ}$ C, re	spectively.	Sky is likely to be mainly cloudy the coming week		
Relative humic	lity varied from 45%	6 to 95%.	• <b>Relative Humidity</b> is likely to range from 45% to 95%.		
• Wind speed rat	nged from 1 to 2 km	iph	• Wind speed may reach upto 1- 2 kmph		
			Wind direction will be mostly southerly		
			Field crops		
As the temp	perature is on rise, p	rovide mulch	ing to the crops as it conserves moisture, maintains an even soil temperature		
Main Crops	Stage	Pest/	Agro-meteorological Advisories		
- T	Ŭ	Diseases			
Jhum paddy	Tillering stage	Blast	If the infection is severe, spray tricyclazole 0.1%		
			If the infection is severe, spray the year of 0.170		
TRC/WRC	Nursery		Prepare the main field for transplanting Flood the field 1 or 2 days before		
paddy			ploughing and allow water to soak in. Keep the surface of the field covered with water.		
			Keep water to a depth of 2.5cm at the time of puddling.		
Kharif maize	Vegetative	Stem	The prevalent weather is favourable for the development of stem borer.		
	stage	borer	Removed the infested plant parts.		
Green gram	Flowering		Good drainage may be given to manage soil borne root diseases		
	stage				
			Horticultural crop		
Citrus	Flowering to	Citrus	Proper monitoring should be done against the caterpillar as heavily		
	fruiting stage	caterpillar	attacked plants bear no fruits. If possible hand picked the caterpilla		
			and pupae and destroys them in kerosene.		
Okra	Flowering to	Yellow	Remove and burn the infected plants from the field		
	fruiting stage	vein	Remove the unwanted weed host from the field		
		mosaic	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.		
			<ul> <li><i>Remove regularly the attacked fruits and bury deep in the soil.</i></li> </ul>		

	Cucurbits	Vegetative 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	Vegetative 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	Vegetative stage	White files, aphids, viral disease, leaf curl, flower drop	<ul> <li>Spray neem oil to the plants to control white flies infestation and thereby prevent viral disease</li> <li>Uproot the infected plants and bury diseased plants or burn it</li> <li>Pinch the tip of the plants to encourage more lateral shoot development</li> <li>For plants infected with leaf curl, it should be removed from the field immediately</li> </ul>
	Fruit trees		urop	Maintain proper sanitation in and around the vicinity of the tree
	Ginger / turmeric	Vegetative stage	-	Timely earthing up and weeding should be done. Mulch the plant with dry leaves and straw
	Provid			<i>Livestock</i> to the animals and keep the animals in the shade during the daytime. ing early morning or evening when temperatures are lower.
	Poultry	<ul><li>Protect the</li><li>Keep the l</li></ul>	e birds from 1 litter material	ain
	Piggery	<ul> <li>Vaccinate against swine fever</li> <li>Maintain hygiene in pig house to protect from diarrhea</li> <li>Deworm the animal at 3 month interval</li> <li>Do AI, if animal comes into heat</li> </ul>		
HEP3HU ICAR		Fisheries		
		> After 15 d	lays of lime a	mmended dose depending on the pH pplication, apply cow dung and wait till the pond water turns green. in one corner of the pond for sheltering stocked fish during high temperature.

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# **Integrated Agromet Advisory Service Bulletin from 10<sup>th</sup> to 14<sup>th</sup> June'17** Phek District

Bulletin No:44/2017

Weather summary of the preceding week	Weather forecast valid upto 14 <sup>th</sup> June'17
Light rain occurred the past week	Probability of light rain the coming week.
ranged $28^{\circ}$ C to $30^{\circ}$ C and $19^{\circ}$ C to $20^{\circ}$ C,	Sky is likely to be mainly cloudy the coming week
respectively.	• <b>Relative Humidity</b> is likely to range from 50% to 95%.
• Relative humidity varied from 45% to 95%.	• Wind speed may reach upto 1- 2 kmph
• Wind speed ranged from 1 to 2 kmph	Wind direction will be mostly southeasterly

#### Field crops

As the temperature is on rise, provide mulching to the crops as it conserves moisture, maintains an even soil temperature

As the temperature is on rise, provide indicining to the crops as it conserves indisture, maintains an even son temperature				
Main	Stage	Pest/	Agro-meteorological Advisories	
Crops		Diseases		
Jhum paddy	Tillering stage	Blast	If the infection is severe, spray tricyclazole 0.1%	
TRC/WRC paddy	Nursery		Prepare the main field for transplanting Flood the field 1 or 2 days before ploughing and allow water to soak in. Keep the surface of the field covered with water. Keep water to a depth of 2.5cm at the time of puddling.	
Kharif maize	Vegetative stage	Stem borer	The prevalent weather is favourable for the development of stem borer. Removed the infested plant parts.	
Green gram	Flowering stage		Good drainage may be given to manage soil borne root diseases	
			Horticultural crop	
Citrus	Flowering to fruiting stage	Citrus caterpillar	Proper monitoring should be done against the caterpillar as heavily attacked plants bear no fruits. If possible hand picked the caterpillar and pupae and destroys them in kerosene.	
Okra	Flowering to fruiting stage	Yellow vein mosaic Spotted	<ul> <li>Remove and burn the infected plants from the field</li> <li>Remove the unwanted weed host from the field</li> <li>If the infection is severe, spray imidacloprid at 1ml/lit of water</li> <li>In the present weather condition, spotted bollworm will be seen. The infested</li> </ul>	

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		bollworm	fruits will have a varying number of holes.		
			Remove regularly the attacked fruits and bury deep in the soil.		
Cucurbits	Vegetative 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	Vegetative 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	Vegetative stage	White files, aphids, viral disease, leaf curl, flower drop	<ul> <li>Spray neem oil to the plants to control white flies infestation and thereby prevent viral disease</li> <li>Uproot the infected plants and bury diseased plants or burn it</li> <li>Pinch the tip of the plants to encourage more lateral shoot development</li> <li>For plants infected with leaf curl, it should be removed from the field immediately</li> </ul>		
Fruit trees			Maintain proper sanitation in and around the vicinity of the tree		
Ginger / turmeric	Vegetative stage	-	Timely earthing up and weeding should be done. Mulch the plant with dry leaves and straw		
]			<i>Livestock</i> vater to the animals and keep the animals in the shade during the daytime. during early morning or evening when temperatures are lower.		
Poultry       > Protect the birds from rain         > Keep the litter material dry         > Give electrolyte in drinking water to birds of 1-6 weeks.			in Iry		
Piggery	<ul> <li>Vaccinate against swine fever</li> <li>Maintain hygiene in pig house to protect from diarrhea</li> <li>Deworm the animal at 3 month interval</li> <li>Do AI, if animal comes into heat</li> </ul>				
			Fisheries		



- > Apply lime as per recommended dose depending on the pH
- > After 15 days of lime application, apply cow dung and wait till the pond water turns green.
- > Put some aquatic plant in one corner of the pond for sheltering stocked fish during high temperature.

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ICAR RESEARCH COMPLEX FOR NEH REGION (Indian Council of Agricultural Research)

# **Integrated Agromet Advisory Service Bulletin from 10<sup>th</sup> to 14<sup>th</sup> June'17** Tuensang District

			Builetin No:44/2017	
Weather su	ummary of the prece	ding week	Weather forecast valid upto 14 <sup>th</sup> June'17	
Light rain of	ccurred the past weel	k	Probability of light rain the coming week.	
	• Maximum and minimum temperatures ranged		• Max temp is likely to be $30^{\circ}$ C - $32^{\circ}$ C and the min temp $21^{\circ}$ C to $22^{\circ}$ C	
$28^{\circ}$ C to $30^{\circ}$ C	$^{\circ}$ and 19 $^{\circ}$ C to 21 $^{\circ}$ C, r	espectively.	Sky is likely to be mainly cloudy the coming week	
Relative hum	nidity varied from 51	% to 95%.	• <b>Relative Humidity</b> is likely to range from 53% to 95%.	
	ranged from 1 to 2 k		• Wind speed may reach upto 1 - 2 kmph	
-	U	•	• Wind direction will be mostly southeasterly	
			Field crops	
As the tem	perature is on rise, p	rovide mulchir	ng to the crops as it conserves moisture, maintains an even soil temperature	
Main	Stage	Pest/	Agro-meteorological Advisories	
Crops		Diseases		
Jhum paddy	Tillering stage	Blast	If the infection is severe, spray tricyclazole 0.1%	
TRC/WRC	Nursery		Prepare the main field for transplanting Flood the field 1 or 2 days before	
paddy			ploughing and allow water to soak in. Keep the surface of the field covered	
			with water.	
			Keep water to a depth of 2.5cm at the time of puddling.	
Kharif maize	Vegetative stage	Stem borer	The prevalent weather is favourable for the development of stem borer.	
			Removed the infested plant parts.	
Green gram	Flowering stage		Good drainage may be given to manage soil borne root diseases	
			<b>XX</b> (* 1/ 1	
~.			Horticultural crop	
Citrus	Flowering to	Citrus	Proper monitoring should be done against the caterpillar as heavily	
	fruiting stage	caterpillar	attacked plants bear no fruits. If possible hand picked the caterpillar	
		<b>X</b> 7 11 ·	and pupae and destroys them in kerosene.	
Okra	Flowering to	Yellow vein	<ul> <li>Remove and burn the infected plants from the field</li> <li>Remove the unwanted weed host from the field</li> </ul>	
	fruiting stage	mosaic	<ul> <li>Remove the unwanted weed host from the field</li> <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</li> </ul>	
		bollworm	infested fruits will have a varying number of holes.	
		Johnwohn	<ul> <li>Remove regularly the attacked fruits and bury deep in the soil.</li> </ul>	
Cucurbits	Vegetative stage	Powdery	Remove the infected leaves	
Cucurous	, ogotuli vo stugo	mildew		

			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></ul>			
				Weeding should be done whenever necessary.			
	Brinjal	Vegetative stage		Timely weeding and intercultural operation should be done.			
			Wilt	<i>Remove and destroy the affected plant</i>			
				Proper drainage should be maintained in the field			
	Naga king chilli	Vegetative stage	White files, aphids, viral	Spray neem oil to the plants to control white flies infestation and thereby prevent viral disease			
			disease,	Uproot the infected plants and bury diseased plants or burn it			
			leaf curl, flower drop	<ul> <li>Pinch the tip of the plants to encourage more lateral shoot development</li> </ul>			
			1	<ul> <li>For plants infected with leaf curl, it should be removed from the field immediately</li> </ul>			
	Fruit trees			Maintain proper sanitation in and around the vicinity of the tree			
	Ginger /	Vegetative stage	-	Timely earthing up and weeding should be done. Mulch the plant with dry			
	turmeric			leaves and straw			
				Livestock			
	Pro	vide clean and cool d	lrinking water t	to the animals and keep the animals in the shade during the daytime.			
		Feeding should	d be done durir	ng early morning or evening when temperatures are lower.			
	Poultry	Protect the b					
		➢ Keep the litt	ter material dry	,			
				g water to birds of 1-6 weeks.			
	Piggery		e against swine f				
	88 2		•	nouse to protect from diarrhea			
			the animal at 3 i	*			
			animal comes in				
				Fisheries			
		Apply lime	as per recomm	ended dose depending on the pH			
Allee/1X		<ul> <li>After 15 days of lime application, apply cow dung and wait till the pond water turns green.</li> </ul>					
भाषुरुअन्ध		-		one corner of the pond for sheltering stocked fish during high temperature.			
ICAR							

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# **Integrated Agromet Advisory Service Bulletin from 10<sup>th</sup> to 14<sup>th</sup> June'17** Wokha District

Bulletin No:44/2017

				Bulletin No:44/2017
	Weather s	ummary of the precedi	ng week	Weather forecast valid upto 14 <sup>th</sup> June'17
		curred the past week		<ul> <li>Probability of light rain the coming week.</li> </ul>
		nd minimum tempera		• Max temp is likely to be 30 <sup>o</sup> C - 32 <sup>o</sup> C and the min temp 21 <sup>o</sup> C to 23 <sup>o</sup> C
		and 20°C to 22°C, respe		Sky is likely to be mainly cloudy the coming week
		idity varied from 46% to		Relative Humidity is likely to range from 47% to 92%.
	Wind speed ra	anged from 2 to 4 kmph	1	• Wind speed may reach upto 1- 2 kmph
				Wind direction will be mostly southeasterly
				Field crops
				o the crops as it conserves moisture, maintains an even soil temperature
	Main	Stage	Pest/	Agro-meteorological Advisories
	Crops		Diseases	
	Jhum paddy	Tillering stage	Blast	If the infection is severe, spray tricyclazole 0.1%
	TRC/WRC	Nursery		Prepare the main field for transplanting Flood the field 1 or 2 days
	paddy			before ploughing and allow water to soak in. Keep the surface of the
				field covered with water.
				Keep water to a depth of 2.5cm at the time of puddling.
	Kharif maize	Vegetative stage	Stem borer	The prevalent weather is favourable for the development of stem borer.
				Removed the infested plant parts.
	Green gram	Flowering stage		Good drainage may be given to manage soil borne root diseases
				Horticultural crop
	Citrus	Flowering to	Citrus	> Proper monitoring should be done against the caterpillar as
		fruiting stage	caterpillar	heavily attacked plants bear no fruits. If possible hand picked the
				caterpillar and pupae and destroys them in kerosene.
	Okra	Flowering to	Yellow vein	Remove and burn the infected plants from the field
		fruiting stage	mosaic	Remove the unwanted weed host from the field
		-	<u> </u>	> If the infection is severe, spray imidacloprid at 1ml/lit of water
			Spotted	In the present weather condition, spotted bollworm will be seen.
			bollworm	The infested fruits will have a varying number of holes.
	Cucurbits	Vegetetive stere	Douidemi	Remove regularly the attacked fruits and bury deep in the soil. Remove the infected leaves
	Cucurbus	Vegetative stage	Powdery mildew	Kemove me mjecieu leuves
			muew	

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			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	Vegetative 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	Vegetative stage	White files, aphids, viral disease , leaf curl, flower drop	<ul> <li>Spray neem oil to the plants to control white flies infestation and thereby prevent viral disease</li> <li>Uproot the infected plants and bury diseased plants or burn it</li> <li>Pinch the tip of the plants to encourage more lateral shoot development</li> <li>For plants infected with leaf curl, it should be removed from the field immediately</li> </ul>			
	Fruit trees			Maintain proper sanitation in and around the vicinity of the tree			
	Ginger / turmeric	Vegetative stage	-	Timely earthing up and weeding should be done. Mulch the plant with dry leaves and straw			
	Provi			<i>Livestock</i> ne animals and keep the animals in the shade during the daytime. arrly morning or evening when temperatures are lower.			
	Poultry       > Protect the birds from rain         > Keep the litter material dry         > Give electrolyte in drinking water to birds of 1-6 weeks.						
	Piggery	Vaccinate a	against swine fev	ver			
		Maintain hygiene in pig house to protect from diarrhea					
		<ul> <li>Deworm the animal at 3 month interval</li> <li>Do AI, if animal comes into heat</li> </ul>					
				Fisheries			
भाक्रअनुष ICAR		Apply lime as	per recommen	ded dose depending on the pH			
		•		ation, apply cow dung and wait till the pond water turns green.			
		Put some aqua	atic plant in one	e corner of the pond for sheltering stocked fish during high temperature.			

WH.

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Weather summary of the proceeding week

# **Integrated Agromet Advisory Service Bulletin from 10<sup>th</sup> to 14<sup>th</sup> June'17** Zunheboto District

Bulletin No:44/2017

Weather forecast valid unto 11th June'17

infested fruits will have a varying number of holes.

<ul> <li>Weather summary of the preceding week</li> <li>Light rain occurred the past week</li> <li>Maximum and minimum temperatures ranged 28°C to 30°C and 19°C to 23°C, respectively.</li> <li>Relative humidity varied from 49% to 95%.</li> <li>Wind speed ranged from 1 to 2 kmph</li> </ul>			<ul> <li>Weather forecast valid upto 14<sup>th</sup> June<sup>1</sup>7</li> <li>Probability of light rain the coming week.</li> <li>Max temp is likely to be 31<sup>o</sup>C - 32<sup>o</sup>C and the min temp 20<sup>o</sup>C to 23<sup>o</sup>C</li> <li>Sky is likely to be mainly cloudy the coming week</li> <li>Relative Humidity is likely to range from 49% to 95%.</li> <li>Wind speed may reach upto 1- 2 kmph Wind direction will be mostly southeasterly</li> </ul>		
Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories		
Jhum paddy	Tillering stage	Blast	If the infection is severe, spray tricyclazole 0.1%		
TRC/WRC paddy	Nursery		<ul> <li>Prepare the main field for transplanting Flood the field 1 or 2 days before ploughing and allow water to soak in. Keep the surface of the field covered with water.</li> <li>Keep water to a depth of 2.5cm at the time of puddling.</li> </ul>		
Kharif maize	Vegetative stage	Stem borer	The prevalent weather is favourable for the development of stem borer. Removed the infested plant parts.		
Green gram	Flowering stage		Good drainage may be given to manage soil borne root diseases		
	1		Horticultural crop		
Citrus	Flowering to fruiting stage	Citrus caterpillar	Proper monitoring should be done against the caterpillar as heave attacked plants bear no fruits. If possible hand picked the caterpill and pupae and destroys them in kerosene.		
Okra Flowering to fruiting stage Yellow vein mosaic		mosaic	<ul> <li>Remove and burn the infected plants from the field</li> <li>Remove the unwanted weed host from the field</li> <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		

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		bollworm	Remove regularly the attacked fruits and bury deep in the soil.		
Cucurbits	Vegetative 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	Vegetative stage		<ul> <li>Timely weeding and intercultural operation should be done.</li> </ul>		
-		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	Vegetative stage	White files, aphids, viral	<ul> <li>Spray neem oil to the plants to control white flies infestation and thereby prevent viral disease</li> </ul>		
		disease , leaf curl, flower drop	<ul> <li>Uproot the infected plants and bury diseased plants or burn it</li> <li>Pinch the tip of the plants to encourage more lateral shoot development</li> </ul>		
			<ul> <li>For plants infected with leaf curl, it should be removed from the field immediately</li> </ul>		
Fruit trees			Maintain proper sanitation in and around the vicinity of the tree		
Ginger / turmeric	Vegetative stage	-	Timely earthing up and weeding should be done. Mulch the plant with d leaves and straw		
	Livestock				
Pro			r to the animals and keep the animals in the shade during the daytime.		
Poultry	Feeding should be done during early morning or evening when temperatures are lower.				
rouury	<ul> <li>Protect the birds from rain</li> <li>Keep the litter material dry</li> </ul>				
	<ul> <li>Give electrolyte in drinking water to birds of 1-6 weeks.</li> </ul>				
Piggery	<ul> <li>Vaccinate against swine fever</li> </ul>				
	Maintain hygiene in pig house to protect from diarrhea				
	Deworm the animal at 3 month interval				
	> Do AI, i	f animal comes in	nto heat		
	Fisheries				



- > Apply lime as per recommended dose depending on the pH
- > After 15 days of lime application, apply cow dung and wait till the pond water turns green.
- > Put some aquatic plant in one corner of the pond for sheltering stocked fish during high temperature.

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ICAR RESEARCH COMPLEX FOR NEH REGION (Indian Council of Agricultural Research)

# Integrated Agromet Advisory Service Bulletin from 10<sup>th</sup> to 14<sup>th</sup> June'17 Dimapur District

Bulletin No:44/2017

EH				Bulletin No:44/2017			
	Weather s	ummary of the prec	eding week	Weather forecast valid upto 14 <sup>th</sup> June'17			
	<ul> <li>Light rain occurr</li> </ul>			Probability of light rain the coming week.			
	• Maximum and r	ninimum temperatu	res ranged 28	• C to • Max temp is likely to be $31^{\circ}$ C - $34^{\circ}$ C and the min temp $24^{\circ}$ C to $25^{\circ}$ C			
		$> 24^{\circ}$ C, respectively		Sky is likely to be mainly cloudy the coming week			
		y varied from 57%		• <b>Relative Humidity</b> is likely to range from 44% to 95%.			
	• Wind speed rang	ged from 1 to 2 kmpl	h	• Wind speed may reach upto 1- 2 kmph			
				Wind direction will be mostly southerly			
NAGALAND CENTER, JHARNAPANI. MEDZIPHEMA				Field crops			
Ħ	As the tem	perature is on rise, j	provide mulch	ing to the crops as it conserves moisture, maintains an even soil temperature			
ZIF	Main Crops	Stage	Pest/	Agro-meteorological Advisories			
ED			Diseases				
X.	Jhum paddy	Tillering stage	Blast	If the infection is severe, spray tricyclazole 0.1%			
Z	TRC/WRC	Nursery		Prepare the main field for transplanting Flood the field 1 or 2 days before			
PA	paddy			ploughing and allow water to soak in. Keep the surface of the field covered with			
NA				water.			
AR				Keep water to a depth of 2.5cm at the time of puddling.			
Hſ	Kharif maize	Vegetative stage	Stem borer	The prevalent weather is favourable for the development of stem borer. Removed the infested plant parts.			
Ľ.	Choon anam	Flowering stage		Good drainage may be given to manage soil borne root diseases			
ELN	Green gram	Flowering stage		Good drainage may be given to manage son borne root diseases			
CE	Horticultural crop						
Ð	Citrus	Flowering to	Citrus	> Proper monitoring should be done against the caterpillar as heavily			
Ā		fruiting stage	caterpillar	attacked plants bear no fruits. If possible hand picked the caterpillar and			
AL			N7 11	pupae and destroys them in kerosene.			
AG	Okra	Flowering to	Yellow	<ul> <li><i>Remove and burn the infected plants from the field</i></li> <li><i>Remove the unwanted weed host from the field</i></li> </ul>			
Z		fruiting stage	vein mosaic	<ul> <li>If the infection is severe, spray imidacloprid at 1ml/lit of water</li> </ul>			
			mosaic	, if the injection is servere, spray initial cropping at this to of mater			
			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	Vegetative stage	Powdery	Remove the infected leaves			
			mildew				

		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	Vegetative stage		<ul> <li>Timely weeding and intercultural operation should be done.</li> </ul>				
		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	Vegetative stage	White files, aphids, viral disease , leaf curl, flower drop	<ul> <li>Spray neem oil to the plants to control white flies infestation and thereby prevent viral disease</li> <li>Uproot the infected plants and bury diseased plants or burn it</li> <li>Pinch the tip of the plants to encourage more lateral shoot development</li> <li>For plants infected with leaf curl, it should be removed from the field immediately</li> </ul>				
Fruit trees			Maintain proper sanitation in and around the vicinity of the tree				
Ginger / turmeric	Vegetative stage	-	<i>Timely earthing up and weeding should be done. Mulch the plant with dry leaves and straw</i>				
<i>Livestock</i> Provide clean and cool drinking water to the animals and keep the animals in the shade during the daytime. Feeding should be done during early morning or evening when temperatures are lower.							
Poultry	<ul><li>Keep the</li><li>Give electronic</li></ul>	litter materia ctrolyte in drir					
Piggery							
Fisheries							
	<ul> <li>After 15</li> <li>Put some</li> <li>Avoid ex</li> </ul>	days of lime a e aquatic plant cessive manu	mmended dose depending on the pH application, apply cow dung and wait till the pond water turns green. in one corner of the pond for sheltering stocked fish during high temperature ring and feeding which can lead to oxygen depletion in cloudy weather, hence both				
	Naga king chilli Fruit trees Ginger / turmeric Prov Poultry	Naga king chilliVegetative stageNaga king chilliVegetative stageFruit treesImage: Construction of the stage turmericGinger / turmericVegetative stageProvide clean and cool of Feeding shoulPoultry> Protect the stage term of	Brinjal       Vegetative stage         Brinjal       Vegetative stage         Wilt         Naga king chilli       Vegetative stage         White files, aphids, viral disease , leaf curl, flower drop         Fruit trees				

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# Integrated Agromet Advisory Service Bulletin from 10<sup>th</sup> to 14<sup>th</sup> June'17 Kiphire District

Bulletin No:44/2017

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Weather summary of the preceding week			Weather forecast valid upto 14 <sup>th</sup> June'17
• Light rain occurred the past week			<ul> <li>Probability of light rain the coming week.</li> </ul>
• Maximum and	l minimum temper	atures ranged	• Max temp is likely to be $30^{\circ}$ C - $34^{\circ}$ C and the min temp $22^{\circ}$ C to $23^{\circ}$ C
	nd $21^{\circ}$ C to $22^{\circ}$ C, resp		• Sky is likely to be mainly cloudy the coming week
	ity varied from 52%		• <b>Relative Humidity</b> is likely to range from 52% to 95%.
• Wind speed ran	ged from 1 to 2 kmp	h	• Wind speed may reach upto 1- 2 kmph
			Wind direction will be mostly southwesterly
			Field crops
	nperature is on rise, j	provide mulchin	ng to the crops as it conserves moisture, maintains an even soil temperature
Main Crops	Stage	Pest/	Agro-meteorological Advisories
		Diseases	
Jhum paddy	Tillering stage	Blast	If the infection is severe, spray tricyclazole 0.1%
TRC/WRC	Nursery		Prepare the main field for transplanting Flood the field 1 or 2 days befor
paddy			ploughing and allow water to soak in. Keep the surface of the field covered wi
			water.
			Keep water to a depth of 2.5cm at the time of puddling.
Kharif maize	Vegetative stage	Stem borer	The prevalent weather is favourable for the development of stem borer.
			Removed the infested plant parts.
Green gram	Flowering stage	Good drainage may be given to manage soil borne root diseases	
			Horticultural crop
Citrus	Flowering to	Citrus	<ul> <li>Proper monitoring should be done against the caterpillar as heavi</li> </ul>
Curus	fruiting stage	caterpillar	attacked plants bear no fruits. If possible hand picked the caterpillar and
	I uning stage	Caterpinai	pupae and destroys them in kerosene.
Okra	Flowering to	Yellow vein	<ul> <li>Remove and burn the infected plants from the field</li> </ul>
onna	fruiting stage	mosaic	Remove the unwanted weed host from the field
		111000000	> If the infection is severe, spray imidacloprid at 1ml/lit of water
Spotted		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	Vegetative stage	Powdery	Remove the infected leaves
		mildew	

			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>
Br	rinjal	Vegetative 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>
Na	aga king chilli	Vegetative stage	White files, aphids, viral disease, leaf curl, flower drop	<ul> <li>Spray neem oil to the plants to control white flies infestation and thereby prevent viral disease</li> <li>Uproot the infected plants and bury diseased plants or burn it</li> <li>Pinch the tip of the plants to encourage more lateral shoot development</li> <li>For plants infected with leaf curl, it should be removed from the field immediately</li> </ul>
Fr	ruit trees			Maintain proper sanitation in and around the vicinity of the tree
	inger / rmeric	Vegetative stage	-	Timely earthing up and weeding should be done. Mulch the plant with dry leaves and straw
	Prov			<i>Livestock</i> to the animals and keep the animals in the shade during the daytime. ng early morning or evening when temperatures are lower.
Po	oultry	<ul><li>Protect the l</li><li>Keep the lit</li></ul>	oirds from rain ter material dry	
Pi	ggery	<ul><li>Vaccinat</li><li>Maintain</li><li>Deworm</li></ul>	e against swine	fever house to protect from diarrhea month interval
		<i>Fisheries</i>		
		<ul> <li>Apply lime as per recommended dose depending on the pH</li> <li>After 15 days of lime application, apply cow dung and wait till the pond water turns green.</li> <li>Put some aquatic plant in one corner of the pond for sheltering stocked fish during high temperature.</li> </ul>		

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