

# Integrated Agromet Advisory Service Bulletin from 31<sup>st</sup> Aug to 4<sup>th</sup> Sept'16 Dimapur District

Bulletin No:70/2016

			Bulletin N0:70/2010
Weather s	summary of the prece	ding week	Weather forecast valid upto 4 <sup>th</sup> Sept '16
<ul> <li>Maximum a 31°C to 33°C</li> <li>Relative hum</li> </ul>	n occurred the past we and minimum tempe and $21^{\circ}$ C to $23^{\circ}$ C, resplicitly varied from 62% ranged from 1 to 2 km	ratures ranged spectively. to 90%.	<ul> <li>Probability of light rain the coming week.</li> <li>Max temp is likely to be 32°C - 33°C and the min temp 23°C to 24°C</li> <li>Sky is likely to be mainly cloudy the coming week</li> <li>Relative Humidity is likely to range from 50% to 92%.</li> <li>Wind speed may reach upto 2-4 kmph</li> <li>Wind direction will be mostly southeasterly</li> </ul>
Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
only when req	uired. Don't apply mo	re than the recor	<i>Field crops</i> ops. Always use freshly prepared neem seed kernel extract. Apply pesticides nmended dose of the pesticide
Jhum paddy	Panicle initiation stage	Gundhi bug	Weed sanitation and eradication of alternate hosts from rice fields and surrounding areas can help prevent the multiplication of the bug. Mechanical control measures such as smoking the field, hand-picking of adults and nymphs have also been advocated
TRC/WRC paddy	Booting stage	Bacterial blight	<i>Reduce the application of nitrogen and apply the nitrogen in more spli doses</i>
Soybean	Vegetative stage	-	<i>Proper drainage should be maintained and timely earthing up should be carried out</i>
Black gram	Vegetative stage	-	Clean cultivation should be done to minimize the diseases infection by timely destruction of crop residues.
			Horticultural crops
Citrus		Trunk borer	To kill the trunk borer grubs, clean the bored holes of the infested trunk with iron wire and insert a cotton swab soaked in petrol or kerosene and plug with mud.
Ginger	Vegetative stage	Rhizome rot	Farmers are advised to maintain good drainage in the field to avoid rhizome rot.
Okra	Harvesting stage	-	Crop rotation should be carried out
Cucurbits	Flowering and fruiting stage	Fruit flies	To check the damage by these flies, fruits should be harvested before they start ripening.

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	Cowpea	Fruiting and	Proper staking should be maintained and timely harvesting should be done.	
	Chilli	harvesting stage Fruiting and harvesting stage	Field sanitation should be maintained. Collect and burn the infected plant debris of chilli and other malformed plant parts lying in the field Avoid growing of two solanaceous crop in a single year in or around the same field and follow crop rotation.	
	Poultry	Drinking water must	t be available at all times. It should be fresh and free from contamination.	
	Piggery	<ul> <li>Farmers are advised to do deworming once in every three months as infection with worms can cause diarrhoea weight loss, lung problems and death.</li> <li>If possible the pregnant sow should be dewormed before giving birth; otherwise she will pass on infection to he litter.</li> </ul>		
HID SHOT	Fishery	Chemicals found in or used on a pond's watershed can enter the pond and cause fish kills. Runoff following a heavy rain can transport a variety of unwanted chemicals into the pond including pesticides, herbicides fertilizers, petroleum products. Avoid areas where the likelihood of chemical runoff is high and avoid using chemicals on the watershed.		



# **Integrated Agromet Advisory Service Bulletin from 31<sup>st</sup> Aug to 4<sup>th</sup> Sept'16** Kiphire District

Bulletin No:70/2016

			Bulletin No:70/2016
Weather su	mmary of the preced	ing week	Weather forecast valid upto 4 <sup>th</sup> Sept '16
<ul> <li>Maximum and 25°C to 30°C a</li> <li>Relative humid</li> </ul>	nred the past week d minimum tempera nd 13 <sup>0</sup> C to 22 <sup>0</sup> C, resp lity varied from 71% t nged from 1 to 2 kmpl	ectively. o 93%.	<ul> <li>Probability of light rain the coming week.</li> <li>Max temp is likely to be 33°C - 34°C and the min temp 24°C to 25°C</li> <li>Sky is likely to be mainly cloudy the coming week</li> <li>Relative Humidity is likely to range from 63% to 95%.</li> <li>Wind speed may reach upto 2-3 kmph</li> <li>Wind direction will be mostly southwesterly</li> </ul>
Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
			<i>Field crops</i> ops. Always use freshly prepared neem seed kernel extract. Apply pesticides only ded dose of the pesticide
Jhum paddy	Panicle initiation stage	Gundhi bug	Weed sanitation and eradication of alternate hosts from rice fields and surrounding areas can help prevent the multiplication of the bug. Mechanical control measures such as smoking the field, hand-picking of adults and nymphs have also been advocated
TRC/WRC paddy	Booting stage	Bacterial blight	<i>Reduce the application of nitrogen and apply the nitrogen in more split doses</i>
Soybean	Vegetative stage	-	Proper drainage should be maintained and timely earthing up should be carried out
Black gram	Vegetative stage	-	Clean cultivation should be done to minimize the diseases infection by timely destruction of crop residues.
			Horticultural crops
Citrus		Trunk borer	To kill the trunk borer grubs, clean the bored holes of the infested trunk with iron wire and insert a cotton swab soaked in petrol or kerosene and plug with mud.
Ginger	Vegetative stage	Rhizome rot	Farmers are advised to maintain good drainage in the field to avoid rhizome rot.
Okra	Harvesting stage	-	Crop rotation should be carried out
Cucurbits	Flowering and fruiting stage	Fruit flies	To check the damage by these flies, fruits should be harvested before they start ripening.
Cowpea	Fruiting and harvesting stage		Proper staking should be maintained and timely harvesting should be done.

	Chilli	Fruiting and harvesting stage	Field sanitation should be maintained. Collect and burn the infected plant debris of chilli and other malformed plant parts lying in the field Avoid growing of two solanaceous crop in a single year in or around the same field and follow crop rotation.
	Poultry	U	t be available at all times. It should be fresh and free from contamination.
	Piggery	weight loss, lung pr	d to do deworming once in every three months as infection with worms can cause diarrhoea, oblems and death. nant sow should be dewormed before giving birth; otherwise she will pass on infection to her
HIEP3HIEI ICAR	Fishery	rain can transport petroleum products.	or used on a pond's watershed can enter the pond and cause fish kills. Runoff following a heavy a variety of unwanted chemicals into the pond including pesticides, herbicides, fertilizers, the likelihood of chemical runoff is high and avoid using chemicals on the watershed.



# **Integrated Agromet Advisory Service Bulletin from 31<sup>st</sup> Aug to 4<sup>th</sup> Sept'16** Mokokchung District

**Bulletin No: 70/2016** 

				Bulletin No: 70/2016
	Weather su	ummary of the preced	ing week	Weather forecast valid upto 4 <sup>th</sup> Sept '16
		urred the past week		<ul> <li>Probability of light rain the coming week.</li> </ul>
		d minimum temper		• 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
		nd $19^{\circ}$ C to $24^{\circ}$ C, resp	· · · · · · · · · · · · · · · · · · ·	Sky is likely to be mainly cloudy the coming week
		lity varied from 43% t		Relative Humidity is likely to range from 62% to 95%.
	• Wind speed rar	nged from 1 to 2 kmpł	1	• Wind speed may reach upto 2-3 kmph
ļ				• Wind direction will be mostly southerly
	Main Crops	Stage	Pest/	Agro-meteorological Advisories
			Diseases	
				Field crops
	Timely field sat			ps. Always use freshly prepared neem seed kernel extract. Apply pesticides only bly more than the recommended dose of the pesticide
	Jhum paddy	Panicle initiation	Gundhi bug	Weed sanitation and eradication of alternate hosts from rice fields and
	1 2	stage	U	surrounding areas can help prevent the multiplication of the bug.
		Ŭ		Mechanical control measures such as smoking the field, hand-picking of adults
				and nymphs have also been advocated
	TRC/WRC	Booting stage	Bacterial	Reduce the application of nitrogen and apply the nitrogen in more split doses
	paddy		blight	
	Soybean	Vegetative stage	-	Proper drainage should be maintained and timely earthing up should be
				carried out
	Black gram	Vegetative stage	-	Clean cultivation should be done to minimize the diseases infection by timely
				destruction of crop residues.
				Horticultural crops
	Citrus		Trunk borer	To kill the trunk borer grubs, clean the bored holes of the infested trunk with
				iron wire and insert a cotton swab soaked in petrol or kerosene and plug with
_				mud.
	Ginger	Vegetative stage	Rhizome rot	Farmers are advised to maintain good drainage in the field to avoid rhizome
				rot.
	Okra	Harvesting stage	-	Crop rotation should be carried out
ŀ	Cucurbits	Flowering and	Fruit flies	To check the damage by these flies, fruits should be harvested before they start
		fruiting stage		ripening.
	Cowpea	Fruiting and		Proper staking should be maintained and timely harvesting should be done.

		harvesting stage	
	Chilli	Fruiting and	Field sanitation should be maintained. Collect and burn the infected plant
		harvesting stage	debris of chilli and other malformed plant parts lying in the field
			Avoid growing of two solanaceous crop in a single year in or around the same
			field and follow crop rotation.
	Poultry	Drinking water must	be available at all times. It should be fresh and free from contamination.
	Piggery	weight loss, lung prob	to do deworming once in every three months as infection with worms can cause diarrhoea, blems and death. ant sow should be dewormed before giving birth; otherwise she will pass on infection to her
HID 31-JI	Fishery	rain can transport a petroleum products.	or used on a pond's watershed can enter the pond and cause fish kills. Runoff following a heavy variety of unwanted chemicals into the pond including pesticides, herbicides, fertilizers, e likelihood of chemical runoff is high and avoid using chemicals on the watershed.



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### Integrated Agromet Advisory Service Bulletin from 31<sup>st</sup> Aug to 4<sup>th</sup> Sept'16 Mon District

Bulletin No:70/2016

mary of the preced	ling week	Weather forecast valid upto 4 <sup>th</sup> Sept 16
red the past week		Probability of light to medium rain the coming week.
	atures ranged	• Max temp is likely to be $30^{\circ}$ C - $31^{\circ}$ C and the min temp $23^{\circ}$ C to $24^{\circ}$ C
$120^{\circ}$ C to $23^{\circ}$ C, resp	pectively.	Sky is likely to be mainly cloudy the coming week
y varied from 65%	to 95%	• <b>Relative Humidity</b> is likely to range from 66% to 95%.
ged from 1 to 2 kmp	h	• Wind speed may reach upto 2- 3 kmph
		• Wind direction will be mostly southerly
Stage	Pest/	Agro-meteorological Advisories
	Diseases	
		Field crops
tation should be do	ne for all the cro	ops. Always use freshly prepared neem seed kernel extract. Apply pesticide
only when req	uired. Don't ap	ply more than the recommended dose of the pesticide
Milk	Gundhi bug	Feeding causes empty or small grains during the milking stage. At the se
development		present stage, feeding will cause deformed or spotty grains. Do prop
stage		surveillance of the field.
Booting stage	Bacterial	Reduce the application of nitrogen and apply the nitrogen in more sp
	blight	doses
Vegetative stage	-	Proper drainage should be maintained and timely earthing up should
		carried out
Vegetative stage	-	Clean cultivation should be done to minimize the diseases infection
		timely destruction of crop residues.
		Horticultural crop
	Trunk borer	To kill the trunk borer grubs, clean the bored holes of the infested true
		with iron wire and insert a cotton swab soaked in petrol or kerosene an
		plug with mud.
Vegetative stage	Rhizome rot	Farmers are advised to maintain good drainage in the field to avo
		rhizome rot.
Harvesting	-	Crop rotation should be carried out
stage		
Flowering and	Fruit flies	To check the damage by these flies, fruits should be harvested before th
•		start ripening.
Fruiting and		Proper staking should be maintained and timely harvesting should it
harvesting stage		
	red the past week minimum temper 1 20°C to 23°C, resj y varied from 65% ed from 1 to 2 kmp Stage ation should be do only when rec Milk development stage Booting stage Vegetative stage Vegetative stage Vegetative stage Vegetative stage Harvesting stage Flowering and fruiting stage Fruiting and	minimum temperatures ranged 1 20°C to 23°C, respectively. y varied from 65% to 95% ed from 1 to 2 kmph Stage Pest/ Diseases ation should be dore for all the creation of the creating of the creation of the creation of

				done.	
	Chilli	Fruiting and harvesting stage		Field sanitation should be maintained. Collect and burn the infected plant debris of chilli and other malformed plant parts lying in the field Avoid growing of two solanaceous crop in a single year in or around the same field and follow crop rotation.	
	PoultryDrinking water must be available at all times. It should be fresh and free from contami			at all times. It should be fresh and free from contamination.	
	Piggery	Farmers are advised to do deworming once in every three months as infection with worm diarrhoea, weight loss, lung problems and death. If possible the pregnant sow should be dewormed before giving birth; otherwise she will pass of her litter.			
HIEPSIFIL	Fishery	heavy rain can tr fertilizers, petroleu	ansport a varie um products.	pond's watershed can enter the pond and cause fish kills. Runoff following a ety of unwanted chemicals into the pond including pesticides, herbicides, of chemical runoff is high and avoid using chemicals on the watershed.	



### Integrated Agromet Advisory Service Bulletin from 31<sup>st</sup> Aug to 4<sup>th</sup> Sept'16 Tuensang District

			Bulletin No:70/2016
Weather su	ummary of the prece	ding week	Weather forecast valid upto 4 <sup>th</sup> Sept 16
	occurred the past w		<ul> <li>Probability of light rain the coming week.</li> </ul>
	nd minimum temper		• Max temp is likely to be $31^{\circ}$ C - $32^{\circ}$ C and the min temp $23^{\circ}$ C to $24^{\circ}$ C
	C and $12^{0}$ C to $19^{0}$ C, r		Sky is likely to be mainly cloudy the coming week
	nidity varied from 51		• <b>Relative Humidity</b> is likely to range from 65% to 95%.
<ul> <li>Wind speed</li> </ul>	ranged from 1 to 2 k	mph	• Wind speed may reach upto 1-2 kmph
			Wind direction will be mostly southwesterly
Main Crops	Stage	Pest/	Agro-meteorological Advisories
		Diseases	
			Field crops
			the crops. Always use freshly prepared neem seed kernel extract. Apply
pesticides only	y when required. Do	n't apply more	than the recommended dose of the pesticide
Jhum paddy	Panicle initiation	Gundhi bug	Weed sanitation and eradication of alternate hosts from rice fields and
	stage		surrounding areas can help prevent the multiplication of the bug.
			Mechanical control measures such as smoking the field, hand-picking of
			adults and nymphs have also been advocated
TRC/WRC	Booting stage	Bacterial	Reduce the application of nitrogen and apply the nitrogen in more spli
paddy		blight	doses
Soybean	Vegetative stage	-	Proper drainage should be maintained and timely earthing up should be
			carried out
Black gram	Vegetative stage	-	Clean cultivation should be done to minimize the diseases infection by timel
			destruction of crop residues.
		-	Horticultural crops
Citrus		Trunk borer	To kill the trunk borer grubs, clean the bored holes of the infested trunk with
			iron wire and insert a cotton swab soaked in petrol or kerosene and plug
			with mud.
Ginger	Vegetative stage	Rhizome rot	Farmers are advised to maintain good drainage in the field to avoid rhizom
			rot.
01	TT		
Okra	Harvesting stage	-	Crop rotation should be carried out
Cucurbits	Flowering and	Fruit flies	To check the damage by these flies, fruits should be harvested before the
	fruiting stage		start ripening.

	Cowpea	Fruiting and harvesting stage	Proper staking should be maintained and timely harvesting should be done.		
	Chilli	Fruiting and harvesting stage	Field sanitation should be maintained. Collect and burn the infected plant debris of chilli and other malformed plant parts lying in the field Avoid growing of two solanaceous crop in a single year in or around the same field and follow crop rotation.		
	Poultry	Drinking water must be available at all times. It should be fresh and free from contamination.			
	Piggery	Farmers are advised to do deworming once in every three months as infection with worms can cause weight loss, lung problems and death. If possible the pregnant sow should be dewormed before giving birth; otherwise she will pass on infect litter.			
Higpingu	Fishery	heavy rain can transpor fertilizers, petroleum proc	sed on a pond's watershed can enter the pond and cause fish kills. Runoff following a t a variety of unwanted chemicals into the pond including pesticides, herbicides, ducts. kelihood of chemical runoff is high and avoid using chemicals on the watershed.		



### **Integrated Agromet Advisory Service Bulletin from 31<sup>st</sup> Aug to 4<sup>th</sup> Sept'16** Wokha District

**Bulletin No:70/2016** 

			Bulletin No:70/2016
Weather s	ummary of the preced	ing week	Weather forecast valid upto 4 <sup>th</sup> Sept '16
<ul> <li>Maximum an 29°C to 31°C</li> <li>Relative humining</li> </ul>	curred the past week and minimum tempera and 20 <sup>0</sup> C to 24 <sup>0</sup> C, resp adity varied from 45% t anged from 1 to 2 kmpl	ectively. to 94%.	<ul> <li>Probability of light rain the coming week.</li> <li>Max temp is likely to be 32°C - 33°C and the min temp 23°C to 24°C</li> <li>Sky is likely to be mainly cloudy the coming week</li> <li>Relative Humidity is likely to range from 56% to 93%.</li> <li>Wind speed may reach upto 2-3 kmph</li> <li>Wind direction will be mostly southerly</li> </ul>
Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
			<i>Field crops</i> e crops. Always use freshly prepared neem seed kernel extract. Apply n the recommended dose of the pesticide
Jhum paddy	Panicle initiation stage	Gundhi bug	Weed sanitation and eradication of alternate hosts from rice fields and surrounding areas can help prevent the multiplication of the bug. Mechanical control measures such as smoking the field, hand-picking of adults and nymphs have also been advocated
TRC/WRC paddy	Booting stage	Bacterial blight	<i>Reduce the application of nitrogen and apply the nitrogen in more split doses</i>
Soybean	Vegetative stage	-	<i>Proper drainage should be maintained and timely earthing up should be carried out</i>
Black gram			Clean cultivation should be done to minimize the diseases infection by timely destruction of crop residues.
	1	1	Horticultural crops
Citrus		Trunk borer	To kill the trunk borer grubs, clean the bored holes of the infested trunk with iron wire and insert a cotton swab soaked in petrol or kerosene and plug with mud.
Ginger	Vegetative stage	Rhizome rot	Farmers are advised to maintain good drainage in the field to avoid rhizome rot.
Okra	Harvesting stage	-	Crop rotation should be carried out
Cucurbits	Flowering and fruiting stage	Fruit flies	To check the damage by these flies, fruits should be harvested before they start ripening.

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	Cowpea	Fruiting and harvesting stage	Proper staking should be maintained and timely harvesting should be done.	
	Chilli	Fruiting and	Field sanitation should be maintained. Collect and burn the infected	
		harvesting stage	plant debris of chilli and other malformed plant parts lying in the field Avoid growing of two solanaceous crop in a single year in or around the	
			same field and follow crop rotation.	
	Poultry	Drinking water must be available at all times. It should be fresh and free from contamination.		
	Piggery	<i>ry</i> Farmers are advised to do deworming once in every three months as infection with diarrhoea, weight loss, lung problems and death.		
		If possible the pregnant sow sher litter.	should be dewormed before giving birth; otherwise she will pass on infection to	
	Fishery	Chemicals found in or used on a pond's watershed can enter the pond and cause fish kills. Runoff following a heavy rain can transport a variety of unwanted chemicals into the pond including pesticides, herbicides, fertilizers, petroleum products.		
भाकुअनुप ICAR				
Avoid areas where the likelihood of chemical runoff is high and avoid using chemical				



