

# Integrated Agromet Advisory Service Bulletin 21<sup>st</sup> to 25<sup>th</sup> Sept'13 Longleng District

Bulletin No:72/2013							
Weather sun	nmary of the preceding	week	Weather forecast valid upto 25 <sup>th</sup> Sept'13				
28 <sup>0</sup> C to 31 <sup>0</sup> C and Relative humidity	ed the past week.  inimum temperatures ra  18°C to 20°C, respective  varied from 54% to 97  ed from 2 to 4 kmph.	ely.	There is possibility of light rain the coming week.  Max temp is expected to be around 30°C - 31°C and min temp is expected to be around 19°C to 20°C.  Possibility of partly cloudy sky the coming week  Relative Humidity will range from 62% to 97%  The wind speed 2 –3 kmph  Wind direction will blow from southwesterly				
Main Crops	Stage	Pest/ diseases	Agro-meteorological Advisories				
Field crops							
Upland Rice	Ripening stage Blast		Monitor the field against blast. Disease is favored by long dew periods, fog, shade or frequent light rains.				
Lowland rice	Milk development Gundhi stage bug		It can reduce yield by as much as 30%. Feeding causes empty or small grains during the milking stage.  Fixing of dead crabs, frogs or even pieces of jackfruit (Artocarpus heterophyllas) to bamboo sticks in rice fields helps in controlling the insect pest.				
Horticultural o	crops						
Cabbage	Nursery preparation	Damping off	Farmers are advised to prepare a raised seedbed of 15cm height for good drainage so as to avoid damping off in nurseries.				
Tomato	Nursery preparation Soil disease		Prepare a raised seed bed about 10 cm above ground level for good drainage to avoid soil diseases.				
Cucurbits	Fruiting to - harvesting stage		Try to avoid injuries during harvesting and handling.				
Livestock	The lactating cows increase their water consumption with increasing environmental temperature. At high temperature, night time water consumption becomes more than the day time. So clean water should be made available during the night time too.						
Poultry	House should be well ventilated, rain proof and protected against predators. Too dusty environment irritates the respiratory tract of the chicks.						



Fishery	Pond water should not just maintain at a certain depth; its quality must also be kept high to ensure optimal growth of the culture organism.
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# Integrated Agromet Advisory Service Bulletin 21<sup>st</sup> to 25<sup>th</sup> Sept'13 Mokokchung District

Weather s	ummary of the prec	eding week	Weather forecast valid upto 25 <sup>th</sup> Sept'13
Light rain occur	red the past week		There is possibility of light to moderate rain the coming week. Next five days, a
	minimum temperatu		total rainfall of 30mm is expected
	C to 20 <sup>0</sup> C, respective		Max temp is expected to be around 30°C - 31°C and min temp is expected to be
	ty varied from 55%		around 18°C to 20°C.
Wind speed ran	ged from 2 to 4 kmp	h.	Possibility of partly cloudy sky the coming week
			Relative Humidity will range from 62% to 97% and
			Wind speed 1 – 2 kmph
			Wind direction will blow from southwesterly.
Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
Field crops			
Upland Rice	land Rice Ripening stage Blast		Monitor the field against blast. Disease is favored by long dew periods, fog, shade or frequent light rains.
Lowland rice	Milk	Gundhi bug	It can reduce yield by as much as 30%. Feeding causes empty or small grains
	development		during the milking stage.
	stage		Fixing of dead crabs, frogs or even pieces of jackfruit
			(Artocarpus heterophyllas) to bamboo sticks in rice fields helps in controlling the insect pest.
Horticultural	crops		
Rajmash	Land preparation	-	Use only certified disease free seeds.
Cabbage	Nursery preparation	Damping off	Farmers are advised to prepare a raised seedbed of 15cm height for good drainage so as to avoid damping off in nurseries.
Citrus	-	Leaf miner	Causes damages both in nursery and in grown up stages of the citrus plant.
			Larvae attack tender leaves and feed in the epidermal layers of the leaf by
			making serpentine mines. Affected leaves turn pale yellow, get distorted and
			crumpled which gradually dry and die away.
			Weekly monitoring on pest are advised.
Tomato	Nursery	Soil disease	Prepare a raised seed bed about 10 cm above ground level for good drainage to
	preparation		avoid soil diseases.
Potato	Land preparation	Bacterial wilt	If the area is prone to bacterial wilt then avoid planting in low-lying or water-
			logged areas and adopt fallow and crop rotation with non hosts.

	Cucurbits	Fruiting to	-	Try to avoid injuries during harvesting and handling.				
		harvesting stage						
	Livestock	_	time water con	r water consumption with increasing environmental temperature. At high sumption becomes more than the day time. So clean water should be made				
[]/	Poultry	House should be well ventilated, rain proof and protected against predators. Too dusty environment irritates the respiratory tract of the chicks.						
<b>)</b>	Fishery	Pond water should the culture organis		at a certain depth; its quality must also be kept high to ensure optimal growth of				

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## Integrated Agromet Advisory Service Bulletin from 21<sup>st</sup> to 25<sup>th</sup> Sept'13 Mon District

Weather s	ummary of the preced	ding week	Weather forecast valid upto 25 <sup>th</sup> Sept '13		
Light rain occ	curred the past week		<ul> <li>Possibility of light rain the next five days.</li> </ul>		
■ Maximum a	nd minimum temper	ratures ranged	■ The max temp is likely to be $28^{\circ}$ C - $29^{\circ}$ C and the min temp $18^{\circ}$ C - $19^{\circ}$ C.		
$26^{0}$ C to $30^{0}$ C	and 17°C to 19°C, res	pectively.	<ul> <li>Sky is likely to be mainly cloudy sky the coming week</li> </ul>		
■ Relative humi	idity varied from 56%	to 93%.	■ Relative Humidity is likely to range from 67% to 97%		
■ Wind speed ra	anged from 2 to 4 km	oh.	■ Wind speed may reach upto 2- 3 kmph		
			■ Wind direction will be from southwesterly		
Main Crops	Stage	Pest/	Agro-meteorological Advisories		
		Diseases			
Field crops					
Lowland rice	Milk development	Gundhi bug	It can reduce yield by as much as 30%. Feeding causes empty or small		
	stage		grains during the milking stage.		
			Fixing of dead crabs, frogs or even pieces of jackfruit		
			(Artocarpus heterophyllas) to bamboo sticks in rice fields helps in		
			controlling the insect pest.		
		Grasshopper	Irregular feeding on the leaf blade, keep the bunds clean.		
Horticultural c	rops				
Cabbage	Nursery	Damping	Farmers are advised to prepare a raised seedbed of 15cm height for good		
	preparation	off	drainage so as to avoid damping off in nurseries.		
Ginger	Vegetative stage	-	Infested plants should be collected and destroyed which will help in the		
			reduction of the pests.		
Potato	Land preparation	Bacterial	If the area is prone to bacterial wilt then avoid planting in low-lying or		
	wilt		water-logged areas and adopt fallow and crop rotation with non hosts.		
Tomato	Nursery	Soil disease	Prepare a raised seed bed about 10 cm above ground level for good drainage		
preparation			to avoid soil diseases.		
Cucurbits	Fruiting to	-	Try to avoid injuries during harvesting and handling.		
harvesting stage					
Piggery	<u> </u>		at all times. It should be fresh and free from contamination.		
			igns of disease, injury or non-competitiveness (for food).		
Poultry	Proper sanitary measures should be done to control the diseases. Slaughtering of all apparently ailing birds				
	segregating of in -	contact in gro	oup of 10 to 15 each; removal of all infective materials such as droppings,		

		residues of poultry cleanliness.
ырзыя ІСА R	Fishery	Pond water should not just maintain at a certain depth; its quality must also be kept high to ensure optimal growth of the culture organism.





### Integrated Agromet Advisory Service Bulletin 21<sup>st</sup> to 25<sup>th</sup> Sept'13 Peren District

Weather summary of the preceding week			Weather forecast valid upto 25 <sup>th</sup> sept'13		
29 <sup>o</sup> C to 30 <sup>o</sup> C and Relative humidity	ed the past week.  inimum temperatu  17°C to 19°C, resp varied from 42% ed from 1 to 2 kmpl	ectively. to 99%.	There is possibility of light to moderate rain the coming week. Next five days, a total rainfall of 26 mm is expected  Max temp is expected to be around 31°C - 32°C and min temp is expected to be around 18°C to 19°C.  Possibility of mainly cloudy sky the coming week  Relative Humidity will range from 48% to 98%  The wind speed may reach upto 2 - 3 kmph  Wind direction will blow from westerly		
Main Crops	Stage	Pest/ diseases	Agro-meteorological Advisories		
Field crops					
Upland Rice			Monitor the field against blast. Disease is favored by long dew periods, fog, shade or frequent light rains.		
Lowland rice  Milk  development  stage  Gundhi  bug			It can reduce yield by as much as 30%. Feeding causes empty or small grains during the milking stage.  Fixing of dead crabs, frogs or even pieces of jackfruit (Artocarpus heterophyllas) to bamboo sticks in rice fields helps in controlling the insect pest.		
Horticultural o	crops				
Ginger	Vegetative stage	-	Infested plants should be collected and destroyed which will help in the reduction of the pests.		
Citrus - Leaf miner		Leaf miner	Causes damages both in nursery and in grown up stages of the citrus plant. Larvae attack tender leaves and feed in the epidermal layers of the leaf by making serpentine mines. Affected leaves turn pale yellow, get distorted and crumpled which gradually dry and die away.  Weekly monitoring on pest are advised.		
Cabbage	Nursery preparation	Damping off	Farmers are advised to prepare a raised seedbed of 15cm height for good drainage so as to avoid damping off in nurseries.		
Tomato	Nursery	Soil	Prepare a raised seed bed about 10 cm above ground level for good drainage		
Cucurbits	preparation Fruiting to harvesting stage	disease -	to avoid soil diseases.  Try to avoid injuries during harvesting and handling.		

	Livestock	The lactating cows increase their water consumption with increasing environmental temperature. At high temperature, night time water consumption becomes more than the day time. So clean water should be made
ніф <sup>зі-іц</sup> ІСА R	Poultry	available during the night time too.  House should be well ventilated, rain proof and protected against predators. Too dusty environment irritates
	Fishery	the respiratory tract of the chicks.  Pond water should not just maintain at a certain depth; its quality must also be kept high to ensure optimal
		growth of the culture organism.





## Integrated Agromet Advisory Service Bulletin 21<sup>st</sup> to 25<sup>th</sup> Sept'13 Phek District

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Weather	summary of the	preceding weel	Weather forecast valid upto 25 <sup>th</sup> sept'13			
Maximum an from 26 <sup>0</sup> C to 2 Relative humi	urred the past we nd minimum to 29°C and 16°C to dity varied from anged from 2 to 3	emperatures ra o 19 <sup>0</sup> C, respecti 58% to 98%.				
Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories			
Field crops						
Upland	Ripening	Blast	Monitor the field against blast. Disease is favored by long dew periods, fog,			
Rice	stage		shade or frequent light rains.			
Lowland	Milk	Gundhi bug	It can reduce yield by as much as 30%. Feeding causes empty or small grains during			
rice	development		the milking stage.			
	stage		Fixing of dead crabs, frogs or even pieces of jackfruit (Artocarpus heterophyllas) to bamboo sticks in rice fields helps in controlling the insect pest.			
Horticultur	al crops					
Citrus	<del>-</del>	Leaf miner	Causes damages both in nursery and in grown up stages of the citrus plant. Larvae attack tender leaves and feed in the epidermal layers of the leaf by making serpentine mines. Affected leaves turn pale yellow, get distorted and crumpled which gradually dry and die away.  Weekly monitoring on pest are advised.			
Cabbage	Nursery preparation	Damping off	Farmers are advised to prepare a raised seedbed of 15cm height for good drainage so as to avoid damping off in nurseries.			
Tomato	Nursery preparation	Soil disease	Prepare a raised seed bed about 10 cm above ground level for good drainage to avoid soil diseases.			
Cucurbits	Flowering to		Try to avoid injuries during harvesting and handling.			

	Livestock	fruiting stage  The lactating cows increase their water consumption with increasing environmental temperature. At high temperature, night time water consumption becomes more than the day time. So clean water should be made available during the night time too.
	Poultry	House should be well ventilated, rain proof and protected against predators. Too dusty environment irritates the respiratory tract of the chicks.
	Fishery	Pond water should not just maintain at a certain depth; its quality must also be kept high to ensure optimal growth of the culture organism.
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Vegetative

stage

Land

preparation

Nursery

preparation

Bacterial wilt

Soil disease

avoid soil diseases.

Ginger

Potato

**Tomato** 



### Integrated Agromet Advisory Service Bulletin 21<sup>st</sup> to 25<sup>th</sup> Sept'13 Tuensang District

<b>Bulletin No</b>	:72/2013					
Weather summary of the preceding week				Weather forecast valid upto 25 <sup>th</sup> Sept'13		
Light rain occu	irred the past w	eek	The	re is possibility of light to moderate rain the coming week. Next five		
	d minimum t		anged days	, a total rainfall of 43 mm is expected		
$20^{0}$ C to $26^{0}$ C a	and $10^{0}$ C to $16^{0}$	C, respectively	Max	temp is expected to be around 22 <sup>o</sup> C - 24 <sup>o</sup> C and min temp is expected		
Relative humic	lity varied from	65% to 98%.	to be	e around 13°C to 14°C.		
Wind speed ra	nged from 1 to	2 kmph.	Poss	ibility of mainly cloudy sky the coming week		
			Rela	tive humidity will range from 78% to 98% and		
			Win	d speed 2 – 4 kmph		
			Win	d direction will blow from Northwesterly		
Main Crops	Stage	Pest/		Agro-meteorological Advisories		
		Diseases				
Field crops						
Upland Rice	Ripening	Blast	Monitor the field against blast. Disease is favored by long dew periods, fog,			
	stage		shade or fre	quent light rains.		
Lowland rice	Milk	Gundhi bug	It can redu	ce yield by as much as 30%. Feeding causes empty or small grains		
	development		during the n	nilking stage.		
	stage		Fixing of d	ead crabs, frogs or even pieces of jackfruit		
	3.0.5		(Artocarpus	heterophyllas) to bamboo sticks in rice fields helps in controlling the		
			insect pest.			
Horticultura	ıl crops					
Rajmash	Land	-	Use only ce	rtified disease free seeds.		
	preparation					
Cabbage	Nursery	Damping	Farmers are	advised to prepare a raised seedbed of 15cm height for good drainage		
	preparation	off	so as to avo	id damping off in nurseries.		

Soil around the plants should be worked with the help of *khurpi*. It helps to break

the fibrous roots and thereby supports new growth. Soil near the rhizomes

If the area is prone to bacterial wilt then avoid planting in low-lying or water-

Prepare a raised seed bed about 10 cm above ground level for good drainage to

becomes loose and friable and helps in proper development of rhizomes.

logged areas and adopt fallow and crop rotation with non hosts.

	Cucurbits	Fruiting to		Try to avoid injuries during harvesting and handling.
	Cucurous	_	-	Try to avoid injuries during har vesting and handling.
		harvesting		
		stage		
	Citrus	-	Leaf miner	Causes damages both in nursery and in grown up stages of the citrus plant.
				Larvae attack tender leaves and feed in the epidermal layers of the leaf by making
				serpentine mines. Affected leaves turn pale yellow, get distorted and crumpled
				which gradually dry and die away.
				Weekly monitoring on pest are advised.
	Livestock	The lactating	cows increase	e their water consumption with increasing environmental temperature. At high
		temperature, r	ght time water	er consumption becomes more than the day time. So clean water should be made
		available durir	ng the night tin	ne too.
	Poultry	House should	be well ventila	ted, rain proof and protected against predators. Too dusty environment irritates the
	,	respiratory tra		
		respiratory tra		
\\\\	Fishery	Pond water sh	nould not just	maintain at a certain depth; its quality must also be kept high to ensure optimal
XII	·	growth of the	culture organis	m.
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ICAR				





### Integrated Agromet Advisory Service Bulletin 21<sup>st</sup> to 25<sup>th</sup> Sept'13 Wokha District

Weather forecast valid upto 25th Sept '13

#### **Bulletin No:72/2013**

Weather summary of the preceding week

Light rain occurred			There is possibility of light rain the coming week. Next five days, a		
Maximum and m					
29 <sup>0</sup> C to 33 <sup>0</sup> C and Relative humidity			Max temp is expected to be around 30°C - 31°C and min temp is expected to be around 19°C to 20°C.		
Wind speed range			Possibility of partly cloudy sky the coming week		
willd speed ranged	u 110111 2 to 4 king	)11	Relative Humidity will range from 57% to 98%		
			The wind speed 1– 2 kmph		
			Wind direction will blow from southwesterly		
Main Crops	Stage	Pest/	Agro-meteorological Advisories		
		Diseases			
Field crops					
Upland Rice	Ripening	Blast	Monitor the field against blast. Disease is favored by long dew periods, fog,		
	stage		shade or frequent light rains.		
Lowland rice	Milk	Gundhi	It can reduce yield by as much as 30%. Feeding causes empty or small grains		
	development	t bug during the milking stage.			
	stage		Fixing of dead crabs, frogs or even pieces of jackfruit		
			(Artocarpus heterophyllas) to bamboo sticks in rice fields helps in		
TT			controlling the insect pest.		
Horticultural ca	rops				
Citrus	-	Leaf miner	Causes damages both in nursery and in grown up stages of the citrus plant.		
			Larvae attack tender leaves and feed in the epidermal layers of the leaf by		
			making serpentine mines. Affected leaves turn pale yellow, get distorted and		
			crumpled which gradually dry and die away.		
Cabbage	Nursery	Damping	Weekly monitoring on pest are advised.  Farmers are advised to prepare a raised seedbed of 15cm height for good		
Cuovage	preparation	off	drainage so as to avoid damping off in nurseries.		
Tomato	Nursery	Soil	Prepare a raised seed bed about 10 cm above ground level for good drainage		
1 omaio	preparation	disease	to avoid soil diseases.		
Cuaunhita		discase			
Cucurbits	Fruiting to harvesting	-	Try to avoid injuries during harvesting and handling.		
	narvesung				

		stage				
	Livestock		ght time wat	their water consumption with increasing environmental temperature. At high er consumption becomes more than the day time. So clean water should be ght time too.		
	Poultry	House should be irritates the resp		tted, rain proof and protected against predators. Too dusty environment of the chicks.		
भाकुंअनुप ICAR						







## Integrated Agromet Advisory Service Bulletin 21<sup>st</sup> to 25<sup>th</sup> Sept'13 Zunheboto District

Weather su	mmary of the pr	receding week	Weather forecast valid upto 25 <sup>th</sup> sept'13		
Light rain occurr  Maximum and n  26°C to 31°C and  Relative humidit  Wind speed rang	ninimum temper I 16 <sup>0</sup> C to 18 <sup>0</sup> C, ro y varied from 58 <sup>0</sup>	atures ranged espectively. % to 98%.	There is possibility of light to moderate rain the coming week. Next five days, a total rainfall of 34mm is expected  Max temp is expected to be around 28°C - 29°C and min temp is expected to be around 17°C to 18°C.  Possibility of partly cloudy sky the coming week  Relative Humidity will range from 67% to 98%  The wind speed 2- 3 kmph  Wind direction will blow southwesterly		
Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories		
Field crops					
Upland Rice	Ripening stage	Blast	Monitor the field against blast. Disease is favored by long dew periods, fog, shade or frequent light rains.		
Lowland rice	Milk development stage	Gundhi bug			
<b>Horticultural</b>	crops				
Cucurbits	Fruiting to harvesting stage	-	Try to avoid injuries during harvesting and handling.		
Cabbage	Nursery preparation	Damping off	Farmers are advised to prepare a raised seedbed of 15cm height for good drainage so as to avoid damping off in nurseries.		
Citrus	-	Leaf miner	Causes damages both in nursery and in grown up stages of the citrus plant. Larvae attack tender leaves and feed in the epidermal layers of the leaf by making serpentine mines. Affected leaves turn pale yellow, get distorted and crumpled which gradually dry and die away.  Weekly monitoring on pest are advised.		

	Tomato	Nursery	Soil	Prepare a raised seed bed about 10 cm above ground level for good drainage to	
		preparation	disease	avoid soil diseases.	
	Potato	Land	Bacterial	If the area is prone to bacterial wilt then avoid planting in low-lying or water-	
		preparation	wilt	logged areas and adopt fallow and crop rotation with non hosts.	
	Livestock	The lactating c	ows increase	their water consumption with increasing environmental temperature. At high	
		temperature, nig	ght time water	r consumption becomes more than the day time. So clean water should be made	
		available during the night time too.			
	Poultry	House should be well ventilated, rain proof and protected against predators. Too dusty environment irritates			
		the respiratory tract of the chicks.			
нар'янц ІСА R	Fishery	Pond water should not just maintain at a certain depth; its quality must also be kept high to ensure optimal growth of the culture organism.			





# Integrated Agromet Advisory Service Bulletin 21<sup>st</sup> to 25<sup>th</sup> Sept'13 Dimapur District

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Weather s	ummary of the pr	eceding week	Weather forecast valid upto 25 <sup>th</sup> Sept'13
34 <sup>0</sup> C and 18 <sup>0</sup> C to Relative humidity	ed the past week.  ninimum temperate 21°C, respectively evaried from 46% ed from 1 to 2 kmp	to 98%.	There is possibility of light rain the coming week. Next five days, a total rainfall of 25 mm is expected  Max temp is expected to be around 33°C - 34°C and min temp is expected to be around 20°C to 22°C.  Possibility of partly cloudy sky the coming week  Relative Humidity will range from 49% to 98% and Wind speed 2– 3 kmph  Wind direction will be from southeasterly
Main Crops	Stage	Pest/ diseases	Agro-meteorological Advisories
Field crops			
Lowland rice  Milk development stage  Brown spot		Brown spot	Infection causes oval-shaped lesions on rice leaves and grains. Brown spot lesions are occasionally confused with leaf blast lesions. Rice suffering from either N, K, or P deficiency is especially susceptible to brown spot.  Correction of the underlying nutritional problem(s) is essential for prevention of brown spot on future rice crops.
	Sheath blight		Proper monitoring should be done against sheath blight. Field should be free from weeds which act as host. The fungus forms sclerotia on dying or dead tissue during the latter half of the rice-growing season. Sclerotia fall off the straw before or during rice harvest, assuring continued survival of the fungus in the field.  Yield losses can reach upto 50% in heavily damaged areas of fields.
Horticultural c	rops		
Ginger	Vegetative stage	-	Infested plants should be collected and destroyed which will help in the reduction of the pests.
Citrus	-	Leaf miner	Causes damages both in nursery and in grown up stages of the citrus plant. Larvae attack tender leaves and feed in the epidermal layers of the leaf by making serpentine mines. Affected leaves turn pale yellow, get distorted and crumpled which gradually dry and die away.  Weekly monitoring on pest are advised.
Cabbage	Nursery preparation	Damping off	Farmers are advised to prepare a raised seedbed of 15cm height for good drainage so as to avoid damping off in nurseries.
Tomato	Nursery preparation	Soil disease	Prepare a raised seed bed about 10 cm above ground level for good drainage to avoid soil diseases.

	Cucurbits	Fruiting to	-	Try to avoid injuries during harvesting and handling.
		harvesting		
		stage		
	Livestock	The lactating co	ows increase the	ir water consumption with increasing environmental temperature. At high
		temperature, nig available during		nsumption becomes more than the day time. So clean water should be made o.
	Poultry		e well ventilated, ract of the chicks.	rain proof and protected against predators. Too dusty environment irritates
нарзі-іц ІСА R	Fishery	Pond water show growth of the cu	3	tain at a certain depth; its quality must also be kept high to ensure optimal





# Integrated Agromet Advisory Service Bulletin 21<sup>st</sup> to 25<sup>th</sup> Sept'13 Kiphire District

Weather si	ummary of the preced	ding week	Weather forecast valid upto 25 <sup>th</sup> sept'13
23 <sup>0</sup> C to 27 <sup>0</sup> C and Relative humidity	ed the past week.  ninimum temperatur  13°C to 17°C, respect varied from 63% to ed from 1 to 2 kmph.	ctively. 98%.	There is possibility of light to moderate rain the coming week. Next five days, a total rainfall of 42mm is expected  Max temp is expected to be around 25°C - 26°C and min temp is expected to be around 15°C to 17°C.  Possibility of mainly cloudy sky the coming week  Relative Humidity will range from 75% to 98%  The wind speed 2- 4kmph  Wind direction will blow from north westerly
Main Crops	Stage	Pest/ diseases	Agro-meteorological Advisories
Field crops			
Upland Rice	Ripening stage	Blast	Monitor the field against blast. Disease is favored by long dew periods, fog, shade or frequent light rains.
Lowland rice	Milk Gundhi It development stage Fi		It can reduce yield by as much as 30%. Feeding causes empty or small grains during the milking stage.  Fixing of dead crabs, frogs or even pieces of jackfruit (Artocarpus heterophyllas) to bamboo sticks in rice fields helps in controlling the insect pest.
Horticultural d	crops		
Rajmash	Land preparation	-	Use only certified disease free seeds.
Cabbage	Nursery preparation	Damping off	Farmers are advised to prepare a raised seedbed of 15cm height for good drainage so as to avoid damping off in nurseries.
Citrus	atta ser wh		Causes damages both in nursery and in grown up stages of the citrus plant. Larvae attack tender leaves and feed in the epidermal layers of the leaf by making serpentine mines. Affected leaves turn pale yellow, get distorted and crumpled which gradually dry and die away.  Weekly monitoring on pest are advised.
Potato	Land preparation	Bacterial wilt	If the area is prone to bacterial wilt then avoid planting in low-lying or water-logged areas and adopt fallow and crop rotation with non hosts.
Cucurbits	Fruiting to harvesting stage	-	Try to avoid injuries during harvesting and handling.

	Livestock	The lactating cows increase their water consumption with increasing environmental temperature. At high temperature, night time water consumption becomes more than the day time. So clean water should be made available during the night time too.
	Poultry	House should be well ventilated, rain proof and protected against predators. Too dusty environment irritates the respiratory tract of the chicks.
ніфзіні ICAR	Fishery	Pond water should not just maintain at a certain depth; its quality must also be kept high to ensure optimal growth of the culture organism.





## Integrated Agromet Advisory Service Bulletin 21<sup>st</sup> to 25<sup>th</sup> Sept'13 Kohima District

Weather	r summary of the pi	receding week	Weather forecast valid upto 25 <sup>th</sup> Sept'13					
Maximum and r to 31°C and 14°C Relative humidit	e rain occurred the prinimum temperature to 17°C, respectively varied from 41% to 32 km graphs.	ely. to 98%.	There is possibility of light to moderate rain the coming week.  Next five days, a total rainfall of 28 mm is expected  Max temp is expected to be around 30°C - 31°C and min temp is expected to be around 16°C to 18°C.  Possibility of mainly cloudy sky the coming week Relative Humidity will range from 48% to 99%  Wind speed 2- 3 kmph  Wind direction will blow from westerly to northerly					
Main Crops	Stage Pest/ Diseases		Agro-meteorological Advisories					
Field crops								
Upland Rice	Ripening stage	Blast	Monitor the field against blast. Disease is favored by long dew periods, fog, shade or frequent light rains.					
Lowland rice	development grains stage Fixin (Arto		can reduce yield by as much as 30%. Feeding causes empty or small rains during the milking stage. Fixing of dead crabs, frogs or even pieces of jackfruit Artocarpus heterophyllas) to bamboo sticks in rice fields helps in ontrolling the insect pest.					
Horticultural crops								
Citrus	Citrus - Leaf miner Causes Larvae a making and crui		es damages both in nursery and in grown up stages of the citrus plant. e attack tender leaves and feed in the epidermal layers of the leaf by ag serpentine mines. Affected leaves turn pale yellow, get distorted rumpled which gradually dry and die away.  Cly monitoring on pest are advised.					
Cabbage			Farmers are advised to prepare a raised seedbed of 15cm height for good drainage so as to avoid damping off in nurseries.					
Tomato	Nursery preparation	Soil disease	Prepare a raised seed bed about 10 cm above ground level for good drainage to avoid soil diseases.					
Potato	Land preparation	Bacterial wilt	If the area is prone to bacterial wilt then avoid planting in low-lying or water-logged areas and adopt fallow and crop rotation with non hosts.					

	Cucurbits	Fruiting to harvesting stage	-	Try to avoid injuries during harvesting and handling.			
	Livestock	The lactating cows increase their water consumption with increasing environmental temperature. At high temperature, night time water consumption becomes more than the day time. So clean water should be made available during the night time too.					
	Poultry	House should be we the respiratory trace		rain proof and protected against predators. Too dusty environment irritates .			
W - #/	Fishery	Pond water should growth of the cultu		ntain at a certain depth; its quality must also be kept high to ensure optimal			
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