



# Integrated Agromet Advisory Service Bulletin 25<sup>th</sup> to 29<sup>th</sup> Sept'13 Peren District

Weather sum	mary of the preced	ling week	Weather forecast valid upto 29 <sup>th</sup> sept'13
29 <sup>o</sup> C to 33 <sup>o</sup> C and Relative humidity	ed the past week.  inimum temperatu  18°C to 19°C, resp varied from 48% ed from 1 to 2 kmp.	ectively. to 98%.	There is possibility of light to moderate rain the coming week. Next five days, a total rainfall of 46 mm is expected  Max temp is expected to be around 28°C - 32°C and min temp is expected to be around 18°C to 20°C.  Possibility of mainly cloudy sky the coming week  Relative Humidity will range from 58% to 98%  The wind speed may reach upto 1 - 2 kmph  Wind direction will blow from southeasterly
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.
	Booting stage	Brown spot	Symptom appears on the coleoptile, leaves, the leaf sheath, and also the glumes. On the leaves the spots vary in size and shape from minute dots too circular, eye shaped or oval spots. They are distinct and isolated, usually scattered over the leaf surface.  If irrigated, the runoff water from badly infested fields to healthy fields should be checked. Stubbles should be burnt after crop harvest where the disease incidence is severe. Field should be free from weed which acts as host.
Horticultural crops			
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	-	Use well drained soils, field sanitation should be maintained. Seed bed should			
	_	preparation		be in good tilth, free from diseases and weeds.			
	Tomato	Nursery	Damping	The nursery bed should be raised to drain off excess water, to avoid			
		preparation	off	overcrowding thin sowing should be done, use well decomposed manure,			
				irrigation should be light but frequent.			
	Cucurbits	Fruiting to	-	Try to avoid injuries during harvesting and handling.			
		harvesting stage					
	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 t	he night time	too.			
\\\\ <del>\</del>	Poultry	House should be	well ventilated	d, rain proof and protected against predators. Too dusty environment irritates			
X(\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\		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 25<sup>th</sup> to 29<sup>th</sup> Sept'13 Phek District

Weather forecast valid upto 29th sept'13

Bulletin No: 73/2013
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Weather summary of the preceding week

Light rain occurred the past week  Maximum and minimum temperatures ranged from 26°C to 31°C and 16°C to 18°C, respectively.  Relative humidity varied from 54% to 97%.  Wind speed ranged from 2 to 4 kmph.					
Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories		
Field crops	1				
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	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.		
	Booting stage	Brown spot	Symptom appears on the coleoptile, leaves, the leaf sheath, and also the glumes. On the leaves the spots vary in size and shape from minute dots too circular, eye shaped or oval spots. They are distinct and isolated, usually scattered over the leaf surface. If irrigated, the runoff water from badly infested fields to healthy fields should be checked. Stubbles should be burnt after crop harvest where the disease incidence is severe. Field should be free from weed which acts as host.		
Horticultural crops			Severe. I fold should be free from weed which dets as host.		
Citrus	u crops -	Leaf miner	Causes damages both in nursery and in grown up stages of the citrus plant. Larva attack tender leaves and feed in the epidermal layers of the leaf by making serpentin mines. Affected leaves turn pale yellow, get distorted and crumpled which graduall dry and die away.		

				Weekly monitoring on pest are advised.		
	Cabbage	Nursery preparation	-	Use well drained soils, field sanitation should be maintained. Seed bed should be in good tilth, free from diseases and weeds.		
	Tomato	Nursery preparation	Damping off	The nursery bed should be raised to drain off excess water, to avoid overcrowding thin sowing should be done, use well decomposed manure, irrigation should be light but frequent.		
	Cucurbits	Flowering to fruiting 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 growt the culture organism.				
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### **Integrated Agromet Advisory Service Bulletin 25<sup>th</sup> to 29<sup>th</sup> Sept'13** Tuensang District

<b>Bulletin No</b> :	:73/2013				
Weather s	summary of the	preceding we	ek Weather forecast valid upto 29 <sup>th</sup> Sept'13		
	irred the past w		There is possibility of light rain the coming week. Next five days, a total		
	d minimum t				
$23^{0}$ C to $25^{0}$ C a	$10^{0}$ C to $16^{0}$ C	C, respectively	Max temp is expected to be around $19^{0}$ C - $23^{0}$ C and min temp is expected		
Relative humio	lity varied from	58% to 98%.	to be around 15 <sup>o</sup> C to 16 <sup>o</sup> C.		
Wind speed ra	nged from 2 to	4kmph.	Possibility of mainly cloudy sky the coming week		
			Relative humidity will range from 88% to 98% and		
			Wind speed 2 – 4 kmph		
			Wind direction will blow from southeasterly		
Main Crops	Stage	Pest/	Agro-meteorological Advisories		
-		Diseases			
Field crops					
Unland Dies	Dinanina	Dlogt	Manitar the field against bloot Disease is favored by long day periods for		

		Diseases	
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	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.
	Booting stage	Brown spot	Symptom appears on the coleoptile, leaves, the leaf sheath, and also the glumes. On the leaves the spots vary in size and shape from minute dots too circular, eye shaped or oval spots. They are distinct and isolated, usually scattered over the leaf surface.  If irrigated, the runoff water from badly infested fields to healthy fields should be checked. Stubbles should be burnt after crop harvest where the disease incidence is severe. Field should be free from weed which acts as host.
Horticulture	al crops		
Raimash	Land	_	Use only certified disease free seeds.

Horncullari	u crops		
Rajmash	Land	-	Use only certified disease free seeds.
	preparation		
Cabbage	Nursery	-	Use well drained soils, field sanitation should be maintained. Seed bed should be
	preparation		in good tilth, free from diseases and weeds.

			T			
	Ginger	Vegetative stage	-	Soil around the plants should be worked with the help of <i>khurpi</i> . It helps to break the fibrous roots and thereby supports new growth. Soil near the rhizomes becomes loose and friable and helps in proper development of rhizomes.		
	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.		
	Tomato	Nursery preparation	Damping off	The nursery bed should be raised to drain off excess water, to avoid overcrowding thin sowing should be done, use well decomposed manure, irrigation should be light but frequent.		
	Cucurbits	Fruiting to harvesting stage	-	Try to avoid injuries during harvesting and handling.		
	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 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.				
	<b>Poultry</b> House should be well ventilated, rain proof and protected against predators. Too dusty respiratory tract of the chicks.					
Higi si-jii 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 25<sup>th</sup> to 29<sup>th</sup> Sept'13 Wokha District

Weather summary of the preceding week	Weather forecast valid upto 29 <sup>th</sup> Sept '13
Light rain occurred the past week.	There is possibility of light rain the coming week. Next five days, a
Maximum and minimum temperatures ranged from	total rainfall of 25mm is expected
29°C to 33°C and 19°C to 20°C, respectively.	Max temp is expected to be around 29°C - 32°C and min temp is
Relative humidity varied from 57% to 98%.	expected to be around 19 <sup>o</sup> C to 20 <sup>o</sup> C.
Wind speed ranged from 2 to 4 kmph	Possibility of partly cloudy sky the coming week
	Relative Humidity will range from 56% to 98%
	The wind speed 2– 4 kmph
	Wind direction will blow from southeasterly

Main Crops	Stage	Pest/	Agro-meteorological Advisories		
		Diseases			
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	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.		
	Booting stage	Brown spot	Symptom appears on the coleoptile, leaves, the leaf sheath, and also the glumes. On the leaves the spots vary in size and shape from minute dots too circular, eye shaped or oval spots. They are distinct and isolated, usually scattered over the leaf surface.  If irrigated, the runoff water from badly infested fields to healthy fields should be checked. Stubbles should be burnt after crop harvest where the disease incidence is severe. Field should be free from weed which acts as host.		
Horticultural crops					
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	-	Use well drained soils, field sanitation should be maintained. Seed bed should be in good tilth, free from diseases and weeds.			
	Tomato	Nursery preparation	Damping off	The nursery bed should be raised to drain off excess water, to avoid overcrowding thin sowing should be done, use well decomposed manure, irrigation should be light but frequent.			
	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.					
भाकुंअनुष 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 25<sup>th</sup> to 29<sup>th</sup> Sept'13 Zunheboto District

Weather summary of the preceding week			Weather forecast valid upto 29 <sup>th</sup> sept'13		
Light rain occurred the past week  Maximum and minimum temperatures ranged from 26°C to 31°C and 16°C to 18°C, respectively.  Relative humidity varied from 53% to 98%.  Wind speed ranged from 2 to 4 kmph.			from There is possibility of light rain the coming week. Next five days, a total rainfall of 20mm is expected  Max temp is expected to be around 26°C - 29°C and min temp is expected to be around 18°C to 19°C.  Possibility of partly cloudy sky the coming week  Relative Humidity will range from 65% to 98%  The wind speed 2- 4 kmph  Wind direction will blow southeasterly		
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	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.		
	Booting stage	Brown spot	Symptom appears on the coleoptile, leaves, the leaf sheath, and also the glumes. On the leaves the spots vary in size and shape from minute dots too circular, eye shaped or oval spots. They are distinct and isolated, usually scattered over the leaf surface.  If irrigated, the runoff water from badly infested fields to healthy fields should be checked. Stubbles should be burnt after crop harvest where the disease incidence is severe. Field should be free from weed which acts as host.		
Horticultural	crops		incluence is severe. Field should be free from weed which acts as flost.		
Cucurbits	Fruiting to	-	Try to avoid injuries during harvesting and handling.		
	harvesting stage		Try to avoid injuries during harvesting and handling.		

	Cabbage	Nursery	-	Use well drained soils, field sanitation should be maintained. Seed bed should
		preparation		be in good tilth, free from diseases and weeds.
	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	Damping	The nursery bed should be raised to drain off excess water, to avoid
		preparation	off	overcrowding thin sowing should be done, use well decomposed manure,
				irrigation should be light but frequent.
	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			their water consumption with increasing environmental temperature. At high
		temperature, nig	_	r consumption becomes more than the day time. So clean water should be made too.
	Poultry		e well ventilat	ted, rain proof and protected against predators. Too dusty environment irritates
//	Fishery			naintain at a certain depth; its quality must also be kept high to ensure optimal
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# Integrated Agromet Advisory Service Bulletin 25<sup>th</sup> to 29<sup>th</sup> Sept'13 Dimapur District

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Weather s	summary of the pr	eceding week	Weather forecast valid upto 29 <sup>th</sup> Sept'13
35°C and 20°C to Relative humidity	ed the past week.  ninimum temperat  22°C, respectively  varied from 46% ed from 2 to 4 kmp	7. to 96%.	There is possibility of moderate rain the coming week. Next five days a total rainfall of 52 mm is expected  Max temp is expected to be around 32°C - 34°C and min temp is expected to be around 20°C to 21°C.  Possibility of partly cloudy sky the coming week  Relative Humidity will range from 50% to 98% and  Wind speed 2– 4 kmph  Wind direction will be from southerly
Main Crops	Stage	Pest/ diseases	Agro-meteorological Advisories
Field crops			<del>2</del> <del>2</del>
Lowland rice	Milk development stage	Brown spot  Sheath blight	Symptom appears on the coleoptile, leaves, the leaf sheath, and also the glumes. On the leaves the spots vary in size and shape from minute dots too circular, eye shaped or oval spots. They are distinct and isolated, usually scattered over the leaf surface.  If irrigated, the runoff water from badly infested fields to healthy fields should be checked. Stubbles should be burnt after crop harvest where the disease incidence is severe. Field should be free from weed which acts as host.  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. <i>Sclerotia fall off the straw before or during rice harvest, assuring continued survival</i>
			of the fungus in the field. Yield losses can reach upto 50% in heavily damaged areas of fields.
Horticultural o	crops		The second secon
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		Use well drained soils, field sanitation should be maintained. Seed bed
	Cabbage		_	
		preparation		should be in good tilth, free from diseases and weeds.
	Tomato	Nursery	Damping off	The nursery bed should be raised to drain off excess water, to avoid
		preparation		overcrowding thin sowing should be done, use well decomposed manure,
				irrigation should be light but frequent.
	Cucurbits	Fruiting to	-	Try to avoid injuries during harvesting and handling.
		harvesting		
		stage		
	Livestock	The lactating co	ows increase their	ir water consumption with increasing environmental temperature. At high
		temperature, nig	tht time water con	nsumption becomes more than the day time. So clean water should be made
		available during	the night time to	0.
	Poultry	House should be	e well ventilated,	rain proof and protected against predators. Too dusty environment irritates
		the respiratory to	ract of the chicks.	
\\\\	Fishery	Pond water shou	ıld not iust main	tain at a certain depth; its quality must also be kept high to ensure optimal
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		growin or the ca	itaic organism.	
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# Integrated Agromet Advisory Service Bulletin 25<sup>th</sup> to 29<sup>th</sup> Sept'13 Kiphire District

Weather summary of the preceding week			Weather forecast valid upto 29 <sup>th</sup> sept'13		
Light rain occurred the past week.  Maximum and minimum temperatures ranged from 24°C to 29°C and 13°C to 16°C, respectively.  Relative humidity varied from 57% to 98%.  Wind speed ranged from 2 to 4 kmph.			There is possibility of light rain the coming week. Next five days, a total rainfall of 25mm is expected  Max temp is expected to be around 22°C - 26°C and min temp is expected to be around 16°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 southeasterly		
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	Lowland rice  Milk development stage  Milk Gundhi bug Fi (A		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.		
Booting stage Brown Sy spot glu cir ov If ch			Symptom appears on the coleoptile, leaves, the leaf sheath, and also the glumes. On the leaves the spots vary in size and shape from minute dots too circular, eye shaped or oval spots. They are distinct and isolated, usually scattered over the leaf surface.  If irrigated, the runoff water from badly infested fields to healthy fields should be checked. Stubbles should be burnt after crop harvest where the disease incidence is severe. Field should be free from weed which acts as host.		
Horticultural of	crops				
Rajmash	Land preparation	-	Use only certified disease free seeds.		
Cabbage	Nursery preparation	-	Use well drained soils, field sanitation should be maintained. Seed bed should be in good tilth, free from diseases and weeds.		

	Citrus	-	Leaf miner	
				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	Damping	The nursery bed should be raised to drain off excess water, to avoid overcrowding
		preparation	off	thin sowing should be done, use well decomposed manure, irrigation should be
		1 1		light but frequent.
	Potato	Land preparation	Bacterial	If the area is prone to bacterial wilt then avoid planting in low-lying or water-
			wilt	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	The lactating cow	s increase t	their water consumption with increasing environmental temperature. At high
		temperature, night	time water of	consumption becomes more than the day time. So clean water should be made
		available during the	night time to	00.
	Poultry	House should be we	ell ventilated,	rain proof and protected against predators. Too dusty environment irritates the
		respiratory tract of	the chicks.	
///	Fishery	Pond water should	not just maint	tain at a certain depth; its quality must also be kept high to ensure optimal growth of
X1\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\		the culture organism	n.	
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### Integrated Agromet Advisory Service Bulletin 25<sup>th</sup> to 29<sup>th</sup> Sept'13 Kohima District

Weather summary of the preceding week			Weather forecast valid upto 29 <sup>th</sup> Sept'13		
Maximum and to 31°C and 16°C Relative humidit	red the past week.  minimum temperate C to 18 <sup>0</sup> C, respective ty varied from 48% ged from 2 to 3 kmp	ely. to 98%.	There is possibility of light to heavy rain the coming week. Next five days, a total rainfall of 60 mm is expected  Max temp is expected to be around 24°C - 30°C and min temp is expected to be around 15°C to 18°C.  Possibility of mainly cloudy sky the coming week  Relative Humidity will range from 62% to 98%  Wind speed 1- 2 kmph  Wind direction will blow from southeasterly		
Main Crops	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	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.		
	Booting stage	Brown spot	Symptom appears on the coleoptile, leaves, the leaf sheath, and also to glumes. On the leaves the spots vary in size and shape from minute dots to circular, eye shaped or oval spots. They are distinct and isolated, usual scattered over the leaf surface.  If irrigated, the runoff water from badly infested fields to healthy field should be checked. Stubbles should be burnt after crop harvest where to disease incidence is severe. Field should be free from weed which acts host.		
Horticultural	crops				
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	-	Use well drained soils, field sanitation should be maintained. Seed bed should be in good tilth, free from diseases and weeds.			
	Tomato	Nursery preparation	Damping off	The nursery bed should be raised to drain off excess water, to avoid overcrowding thin sowing should be done, use well decomposed manure, irrigation should be light but frequent.			
	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	1	Try to avoid injuries during harvesting and handling.			
	Livestock		time water co	eir water consumption with increasing environmental temperature. At high onsumption becomes more than the day time. So clean water should be made 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 25<sup>th</sup> to 29<sup>th</sup> Sept'13** Longleng District

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pening stage  development stage	Blast Gundhi bug	Monitor the field against blast. Disease is favored by long dew periods, fog, shade or frequent light rains.  It can reduce yield by as much as 30%. Feeding causes empty or small grains during the milking stage.
development	Gundhi	fog, shade or frequent light rains.  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.
ooting stage	Brown spot	Symptom appears on the coleoptile, leaves, the leaf sheath, and also the glumes. On the leaves the spots vary in size and shape from minute dots too circular, eye shaped or oval spots. They are distinct and isolated, usually scattered over the leaf surface.  If irrigated, the runoff water from badly infested fields to healthy fields should be checked. Stubbles should be burnt after crop harvest where the disease incidence is severe. Field should be free from weed which acts as host.

Cabbage	Nursery preparation	-	Use well drained soils, field sanitation should be maintained. Seed bed		
			should be in good tilth, free from diseases and weeds.		
Tomato	Nursery preparation	Damping	The nursery bed should be raised to drain off excess water, to avoid		
		off	overcrowding thin sowing should be done, use well decomposed manure,		
			irrigation should be light but frequent		

	Cucurbits	Fruiting to	-	Try to avoid injuries during harvesting and handling.		
	<b>7.</b>	harvesting stage	.1 •			
	Livestock	The lactating cows increase their water consumption with increasing environmental temperature. At his temperature, night time water consumption becomes more than the day time. So clean water should be made available during the night time too.  House should be well ventilated, rain proof and protected against predators. Too dusty environment irritates the respiratory tract of the chicks.				
	Poultry					
भाकुअनुष ICAR	Fishery	Pond water should no growth of the culture of		in at a certain depth; its quality must also be kept high to ensure optimal		



# Integrated Agromet Advisory Service Bulletin 25<sup>th</sup> to 29<sup>th</sup> Sept'13 Mokokchung District

Weather summary of the preceding week		eding week	Weather forecast valid upto 29 <sup>th</sup> Sept'13
Light rain occurred the past week			There is possibility of light rain the coming week. Next five days, a total
Maximum and minimum temperatures ranged 29°C			rainfall of 12mm is expected
to 31°C and 18°C to 19°C, respectively.			Max temp is expected to be around 27°C - 31°C and min temp is expected to be
	y varied from 51%		around 19°C to 20°C.
Wind speed rang	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 2 – 4 kmph Wind direction will blow from southeasterly.
Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
Main Crops	Stage	rest/ Diseases	Agro-meteorological Advisories
Field crops			
Upland Rice	Ripening stage	Blast	Monitor the field against blast. Disease is favored by long dew periods, fog,
	2 6 11	G 11:1	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.  Fixing of dead crabs, frogs or even pieces of jackfruit
	stage		(Artocarpus heterophyllas) to bamboo sticks in rice fields helps in controlling
			the insect pest.
	Booting stage	Brown spot	Symptom appears on the coleoptile, leaves, the leaf sheath, and also the
			glumes. On the leaves the spots vary in size and shape from minute dots too
			circular, eye shaped or oval spots. They are distinct and isolated, usually
			scattered over the leaf surface.
			If irrigated, the runoff water from badly infested fields to healthy fields should
			be checked. Stubbles should be burnt after crop harvest where the disease
			incidence is severe. Field should be free from weed which acts as host.
Horticultural	crops		
Rajmash	Land preparation	-	Use only certified disease free seeds.
Cabbage	Nursery	-	Use well drained soils, field sanitation should be maintained. Seed bed should
	preparation		be in good tilth, free from diseases and weeds.
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 preparation	Damping off	The nursery bed should be raised to drain off excess water, to avoid overcrowding thin sowing should be done, use well decomposed manure, irrigation should be light but frequent.				
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	temperature, night	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 the culture organis	•	at a certain depth; its quality must also be kept high to ensure optimal growth of				







### **Integrated Agromet Advisory Service Bulletin from 25<sup>th</sup> to 29<sup>th</sup> Sept'13 Mon District**

### **Bulletin No:73/2013**

<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 31°C and 17°C to 19°C, respectively.</li> <li>Relative humidity varied from 51% to 89%.</li> <li>Wind speed ranged from 2 to 4 kmph.</li> </ul>		ratures ranged pectively. to 89%.	<ul> <li>Weather forecast valid upto 29<sup>th</sup> Sept '13</li> <li>Possibility of light rain the next five days. Next five days, a total rainfall of 6mm is expected</li> <li>The max temp is likely to be 25<sup>0</sup>C - 29<sup>0</sup>C and the min temp 19<sup>0</sup>C - 20<sup>0</sup>C.</li> <li>Sky is likely to be mainly cloudy sky the coming week</li> <li>Relative Humidity is likely to range from 64% to 98%</li> <li>Wind speed may reach upto 2- 4 kmph</li> <li>Wind direction will be from southeasterly</li> </ul>
Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
Field crops			
Lowland rice	Milk development stage  Booting stage	Gundhi bug  Brown spot	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.  Symptom appears on the coleoptile, leaves, the leaf sheath, and also the glumes. On the leaves the spots vary in size and shape from minute dots too circular, eye shaped or oval spots. They are distinct and isolated, usually scattered over the leaf surface.  If irrigated, the runoff water from badly infested fields to healthy fields should be checked. Stubbles should be burnt after crop harvest where the disease incidence is severe. Field should be free from weed which acts as host.
Horticultural c	rops		
Cabbage	Nursery preparation	-	Use well drained soils, field sanitation should be maintained. Seed bed should be in good tilth, free from diseases and weeds.
Ginger	Vegetative stage	-	Infested plants should be collected and destroyed which will help in the reduction of the pests.
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.

	Tomato	Nursery	Damping	The nursery bed should be raised to drain off excess water, to avoid		
		preparation	off	overcrowding thin sowing should be done, use well decomposed manure,		
				irrigation should be light but frequent.		
	Cucurbits	Fruiting to	-	Try to avoid injuries during harvesting and handling.		
		harvesting stage				
	Piggery	Drinking water mus	st be available	at all times. It should be fresh and free from contamination.		
		Pigs should be checked daily for signs 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 group of 10 to 15 each; removal of all infective materials such as droppings, residues of poultry cleanliness.				
	Fishery	Pond water should	not just maint	tain at a certain depth; its quality must also be kept high to ensure optimal		
ыфзыц ІСА R	·	growth of the cultur	re organism.			