



Integrated Agromet Advisory Service Bulletin 21st to 25th Sept'13 Longleng District

Bulletin No:72/2013

<i>Weather summary of the preceding week</i>			<i>Weather forecast valid upto 25th Sept'13</i>
<p>Light rain occurred the past week. Maximum and minimum temperatures ranged from 28⁰C to 31⁰C and 18⁰C to 20⁰C, respectively. Relative humidity varied from 54% to 97%. Wind speed ranged from 2 to 4 kmph.</p>			<p>There is possibility of light rain the coming week. Max temp is expected to be around 30⁰C - 31⁰C and min temp is expected to be around 19⁰C to 20⁰C. 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</p>
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.
Horticultural 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.		



	<i>Fishery</i>	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 21st to 25th Sept'13

Mokokchung District

Bulletin No: 72/2013

<i>Weather summary of the preceding week</i>			<i>Weather forecast valid upto 25th Sept'13</i>
<p>Light rain occurred the past week Maximum and minimum temperatures ranged 28⁰C to 31⁰C and 18⁰C to 20⁰C, respectively. Relative humidity varied from 55% to 96%. Wind speed ranged from 2 to 4 kmph.</p>			<p>There is possibility of light to moderate rain the coming week. Next five days, a total rainfall of 30mm is expected Max temp is expected to be around 30⁰C - 31⁰C and min temp is expected to be around 18⁰C to 20⁰C. 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.</p>
Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
Field crops			
<i>Upland Rice</i>	Ripening stage	Blast	Monitor the field against blast. Disease is favored by long dew periods, fog, shade or frequent light rains.
<i>Lowland rice</i>	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 crops			
<i>Rajmash</i>	Land preparation	-	Use only certified disease free seeds.
<i>Cabbage</i>	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.
<i>Citrus</i>	-	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.
<i>Tomato</i>	Nursery preparation	Soil disease	Prepare a raised seed bed about 10 cm above ground level for good drainage to avoid soil diseases.
<i>Potato</i>	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.

	<i>Cucurbits</i>	Fruiting to harvesting stage	-	Try to avoid injuries during harvesting and handling.
	<i>Livestock</i>	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.		
	<i>Poultry</i>	House should be well ventilated, rain proof and protected against predators. Too dusty environment irritates the respiratory tract of the chicks.		
	<i>Fishery</i>	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 from 21st to 25th Sept'13 Mon District

Bulletin No:72/2013


Weather summary of the preceding week

- Light rain occurred the past week
- **Maximum** and **minimum temperatures** ranged 26^oC to 30^oC and 17^oC to 19^oC, respectively.
- **Relative humidity** varied from 56% to 93%.
- **Wind speed** ranged from 2 to 4 kmph.

Weather forecast valid upto 25th Sept '13

- Possibility of light rain the next five days.
- The **max temp** is likely to be 28^oC - 29^oC and the **min temp** 18^oC - 19^oC.
- **Sky is likely to be mainly cloudy sky the coming week**
- **Relative Humidity** is likely to range from 67% to 97%
- **Wind speed** may reach upto 2- 3 kmph
- **Wind direction** will be from southwesterly

Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
Field crops			
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.
		Grasshopper	Irregular feeding on the leaf blade, keep the bunds clean.
Horticultural 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.
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 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.
Piggery	Drinking water must 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.
	<i>Fishery</i>	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 21st to 25th Sept'13

Peren District

Bulletin No:72/2013

<i>Weather summary of the preceding week</i>			<i>Weather forecast valid upto 25th sept'13</i>
Light rain occurred the past week. Maximum and minimum temperature range from 29 ⁰ C to 30 ⁰ C and 17 ⁰ C to 19 ⁰ C, respectively. Relative humidity varied from 42% to 99%. Wind speed ranged from 1 to 2 kmph.			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 31⁰C - 32⁰C and min temp is expected to be around 18⁰C to 19⁰C. 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	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.
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 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.

	<i>Livestock</i>	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.
	<i>Poultry</i>	House should be well ventilated, rain proof and protected against predators. Too dusty environment irritates the respiratory tract of the chicks.
	<i>Fishery</i>	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 21st to 25th Sept'13

Phek District

Bulletin No: 72/2013


Weather summary of the preceding week

Light rain occurred the past week
Maximum and **minimum temperatures** ranged from 26⁰C to 29⁰C and 16⁰C to 19⁰C, respectively.
Relative humidity varied from 58% to 98%.
Wind speed ranged from 2 to 3 kmph.

Weather forecast valid upto 25th sept'13

There is possibility of light to moderate rain the coming week. Next five days , a total rainfall of 37 mm is expected
Max temp is expected to be around 28⁰C - 29⁰C and **min temp is expected to be around 17⁰C to 18⁰C**.
Possibility of partly cloudy sky the coming week
Relative Humidity will range from 67% to 98%
The **wind speed** 2- 4 kmph
Wind direction will blow from southwesterly

Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
<i>Field crops</i>			
<i>Upland Rice</i>	Ripening stage	Blast	Monitor the field against blast. Disease is favored by long dew periods, fog, shade or frequent light rains.
<i>Lowland rice</i>	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.
<i>Horticultural crops</i>			
<i>Citrus</i>	-	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.
<i>Cabbage</i>	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.
<i>Tomato</i>	Nursery preparation	Soil disease	Prepare a raised seed bed about 10 cm above ground level for good drainage to avoid soil diseases.
<i>Cucurbits</i>	Flowering to		Try to avoid injuries during harvesting and handling.

		fruiting 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 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.		




Integrated Agromet Advisory Service Bulletin 21st to 25th Sept'13

Tuensang District

Bulletin No:72/2013

<i>Weather summary of the preceding week</i>			<i>Weather forecast valid upto 25th Sept'13</i>
Light rain occurred the past week Maximum and minimum temperatures ranged 20 ⁰ C to 26 ⁰ C and 10 ⁰ C to 16 ⁰ C, respectively. Relative humidity varied from 65% to 98%. Wind speed ranged from 1 to 2 kmph.			There is possibility of light to moderate rain the coming week. Next five days , a total rainfall of 43 mm is expected Max temp is expected to be around 22 ⁰ C - 24 ⁰ C and min temp is expected to be around 13 ⁰ C to 14 ⁰ C. Possibility of mainly cloudy sky the coming week Relative humidity will range from 78% to 98% and Wind speed 2 – 4 kmph Wind direction will blow from Northwesterly
Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
<i>Field crops</i>			
<i>Upland Rice</i>	Ripening stage	Blast	Monitor the field against blast. Disease is favored by long dew periods, fog, shade or frequent light rains.
<i>Lowland rice</i>	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.
<i>Horticultural crops</i>			
<i>Rajmash</i>	Land preparation	-	Use only certified disease free seeds.
<i>Cabbage</i>	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.
<i>Ginger</i>	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.
<i>Potato</i>	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.
<i>Tomato</i>	Nursery preparation	Soil disease	Prepare a raised seed bed about 10 cm above ground level for good drainage to avoid soil diseases.

	<i>Cucurbits</i>	Fruiting to harvesting stage	-	Try to avoid injuries during harvesting and handling.
	<i>Citrus</i>	-	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.
	<i>Livestock</i>	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.		
	<i>Poultry</i>	House should be well ventilated, rain proof and protected against predators. Too dusty environment irritates the respiratory tract of the chicks.		
	<i>Fishery</i>	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 21st to 25th Sept'13 Wokha District

Bulletin No:72/2013


Weather summary of the preceding week

Light rain occurred the past week.
Maximum and minimum temperatures ranged from 29⁰C to 33⁰C and 18⁰C to 20⁰C, respectively.
Relative humidity varied from 50% to 98%.
Wind speed ranged from 2 to 4 kmph

Weather forecast valid upto 25th Sept '13

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 30⁰C - 31⁰C and min temp is expected to be around 19⁰C to 20⁰C.
Possibility of partly cloudy sky the coming week
Relative Humidity will range from 57% to 98%
The wind speed 1– 2 kmph
Wind direction will blow from southwesterly

Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
<i>Field crops</i>			
<i>Upland Rice</i>	Ripening stage	Blast	Monitor the field against blast. Disease is favored by long dew periods, fog, shade or frequent light rains.
<i>Lowland rice</i>	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.
<i>Horticultural crops</i>			
<i>Citrus</i>	-	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.
<i>Cabbage</i>	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.
<i>Tomato</i>	Nursery preparation	Soil disease	Prepare a raised seed bed about 10 cm above ground level for good drainage to avoid soil diseases.
<i>Cucurbits</i>	Fruiting to harvesting	-	Try to avoid injuries during harvesting and handling.

		stage		
	<i>Livestock</i>	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.		
	<i>Poultry</i>	House should be well ventilated, rain proof and protected against predators. Too dusty environment irritates the respiratory tract of the chicks.		
	<i>Fishery</i>	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 21st to 25th Sept'13

Zunheboto District

Bulletin No:72/2013

<i>Weather summary of the preceding week</i>			<i>Weather forecast valid upto 25th sept'13</i>
Light rain occurred the past week Maximum and minimum temperatures ranged from 26 ^o C to 31 ^o C and 16 ^o C to 18 ^o C, respectively. Relative humidity varied from 58% to 98%. Wind speed ranged from 2 to 4 kmph.			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 ^o C - 29 ^o C and min temp is expected to be around 17 ^o C to 18 ^o 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			
<i>Upland Rice</i>	Ripening stage	Blast	Monitor the field against blast. Disease is favored by long dew periods, fog, shade or frequent light rains.
<i>Lowland rice</i>	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 crops			
<i>Cucurbits</i>	Fruiting to harvesting stage	-	Try to avoid injuries during harvesting and handling.
<i>Cabbage</i>	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.
<i>Citrus</i>	-	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.

	<i>Tomato</i>	Nursery preparation	Soil disease	Prepare a raised seed bed about 10 cm above ground level for good drainage to avoid soil diseases.
	<i>Potato</i>	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.
	<i>Livestock</i>	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.		
	<i>Poultry</i>	House should be well ventilated, rain proof and protected against predators. Too dusty environment irritates the respiratory tract of the chicks.		
	<i>Fishery</i>	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 21st to 25th Sept'13

Dimapur District

Bulletin No:72/2013

Weather summary of the preceding week

Light rain occurred the past week.
Maximum and **minimum temperatures** ranged 31⁰C to 34⁰C and 18⁰C to 21⁰C, respectively.
Relative humidity varied from 46% to 98%.
Wind speed ranged from 1 to 2 kmph.

Weather forecast valid upto 25th Sept'13

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 33⁰C - 34⁰C and **min temp is expected to be around** 20⁰C to 22⁰C.
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

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 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 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.

	<i>Cucurbits</i>	Fruiting to harvesting stage	-	Try to avoid injuries during harvesting and handling.
	<i>Livestock</i>	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.		
	<i>Poultry</i>	House should be well ventilated, rain proof and protected against predators. Too dusty environment irritates the respiratory tract of the chicks.		
	<i>Fishery</i>	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 21st to 25th Sept'13

Kiphire District

Bulletin No:72/2013

Weather summary of the preceding week			Weather forecast valid upto 25 th sept'13
<p>Light rain occurred the past week. Maximum and minimum temperatures ranged from 23⁰C to 27⁰C and 13⁰C to 17⁰C, respectively. Relative humidity varied from 63% to 98%. Wind speed ranged from 1 to 2 kmph.</p>			<p>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 25⁰C - 26⁰C and min temp is expected to be around 15⁰C to 17⁰C. 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</p>
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.
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.
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.


	<i>Livestock</i>	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.
	<i>Poultry</i>	House should be well ventilated, rain proof and protected against predators. Too dusty environment irritates the respiratory tract of the chicks.
	<i>Fishery</i>	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 21st to 25th Sept'13 Kohima District

Bulletin No:72/2013

Weather summary of the preceding week			Weather forecast valid upto 25 th Sept'13
<p>Light to moderate rain occurred the past week. Maximum and minimum temperatures ranged from 26⁰C to 31⁰C and 14⁰C to 17⁰C, respectively. Relative humidity varied from 41% to 98%. Wind speed ranged from 2 to 32 kmph.</p>			<p>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 30⁰C - 31⁰C and min temp is expected to be around 16⁰C to 18⁰C. 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</p>
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.
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	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.
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.

	<i>Cucurbits</i>	Fruiting to harvesting stage	-	Try to avoid injuries during harvesting and handling.
	<i>Livestock</i>	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.		
	<i>Poultry</i>	House should be well ventilated, rain proof and protected against predators. Too dusty environment irritates the respiratory tract of the chicks.		
	<i>Fishery</i>	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.		