




Integrated Agromet Advisory Service Bulletin 18th to 22nd Sept'13

Dimapur District

Bulletin No:71/2013

Weather summary of the preceding week			Weather forecast valid upto 22 nd Sept'13
Light rain occurred the past week. Maximum and minimum temperatures ranged 31 ⁰ C to 34 ⁰ C and 18 ⁰ C to 21 ⁰ C, respectively. Relative humidity varied from 46% to 98%. Wind speed ranged from 1 to 2 kmph.			There is possibility of light rain the coming week. Next five days ,a total rainfall of 20 mm is expected Max temp is expected to be around 31 ⁰ C - 35 ⁰ C and min temp is expected to be around 20 ⁰ C to 22 ⁰ C. Possibility of partly cloudy sky the coming week Relative Humidity will range from 46% to 98% and Wind speed 2– 4 kmph Wind direction will be from southeasterly
Main Crops	Stage	Pest/ diseases	Agro-meteorological Advisories
Field crops			
Upland Rice	Ripening stage	-	When 80% of the panicles turn straw colour, the crop is ready for harvest. Even at this stage, the leaves of some of the varieties may remain green.
Lowland rice	Anthesis stage	Stem borer	If possible light trap should be installed and adult moth should be collected and destroyed.
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.
		Fruit flies	Monitoring of cucurbitaceous crops against attack of fruit fly should be done by the use of 'Methyl Eugenol trap. Protection of cucurbitaceous crops against fruit fly by use of bait trap (mixing jaggary 10 % with Malathion 0.1 % and putting at different corners of the field) is 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 18th to 22nd Sept'13

Kiphire District

Bulletin No:71/2013

Weather summary of the preceding week			Weather forecast valid upto 22 nd sept'13
<p>Light rain occurred the past week. Maximum and minimum temperatures ranged from 22⁰C 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 rain the coming week. Next five days, a total rainfall of 6mm is expected Max temp is expected to be around 24⁰C - 29⁰C and min temp is expected to be around 13⁰C to 17⁰C. Possibility of mainly cloudy sky the coming week Relative Humidity will range from 57% to 98% The wind speed 1- 2 kmph Wind direction will blow from southeasterly</p>
Main Crops	Stage	Pest/ diseases	Agro-meteorological Advisories
Field crops			
Upland Rice	Ripening stage	-	When 80% of the panicles turn straw colour, the crop is ready for harvest. Even at this stage, the leaves of some of the varieties may remain green.
Lowland rice	Anthesis stage	Stem borer	If possible light trap should be installed and adult moth should be collected and destroyed.
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.
		Fruit flies	Monitoring of cucurbitaceous crops against attack of fruit fly should be done by the use of 'Methyl Eugenol trap. Protection of cucurbitaceous crops against fruit fly by use of bait trap (mixing juggary 10 % with Malathion 0.1 % and putting at different corners of the field) is 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 18th to 22nd Sept'13 Kohima District

Bulletin No:71/2013

Weather summary of the preceding week			Weather forecast valid upto 22 nd Sept'13
<p>Light to moderate rain occurred the past week. Maximum and minimum temperatures ranged from 25⁰C to 28⁰C and 14⁰C to 17⁰C, respectively. Relative humidity varied from 41% to 98%. Wind speed ranged from 1 to 2 kmph.</p>			<p>There is possibility of moderate rain the coming week. Next five days , a total rainfall of 42 mm is expected Max temp is expected to be around 26⁰C - 31⁰C and min temp is expected to be around 14⁰C to 17⁰C. Possibility of mainly cloudy sky the coming week Relative Humidity will range from 47% to 98% Wind speed 2- 3 kmph Wind direction will blow from easterly</p>
Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
Field crops			
Upland Rice	Ripening stage	-	When 80% of the panicles turn straw colour, the crop is ready for harvest. Even at this stage, the leaves of some of the varieties may remain green.
Lowland rice	Anthesis stage	Stem borer	If possible light trap should be installed and adult moth should be collected and destroyed.
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.
Cucurbits	Fruiting to harvesting stage	-	Try to avoid injuries during harvesting and handling.
		Fruit flies	Monitoring of cucurbitaceous crops against attack of fruit fly should be done by the use of 'Methyl Eugenol trap. Protection of cucurbitaceous crops against fruit fly by use of bait trap (mixing juggary 10 % with Malathion

			0.1 % and putting at different corners of the field) is 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.	
	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 18th to 22nd Sept'13

Longleng District

Bulletin No:71/2013

<i>Weather summary of the preceding week</i>			<i>Weather forecast valid upto 22nd 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 96%. Wind speed ranged from 2 to 3 kmph.</p>			<p>There is possibility of no rain the coming week. Max temp is expected to be around 29⁰C - 33⁰C and min temp is expected to be around 19⁰C to 21⁰C. Possibility of partly cloudy sky the coming week Relative Humidity will range from 50% to 90% The wind speed 3 –4 kmph Wind direction will blow from southeasterly</p>
Main Crops	Stage	Pest/ diseases	Agro-meteorological Advisories
Field crops			
Upland Rice	Ripening stage	-	When 80% of the panicles turn straw colour, the crop is ready for harvest. Even at this stage, the leaves of some of the varieties may remain green.
Lowland rice	Anthesis stage	Stem borer	If possible light trap should be installed and adult moth should be collected and destroyed.
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.
		Fruit flies	Monitoring of cucurbitaceous crops against attack of fruit fly should be done by the use of 'Methyl Eugenol trap. Protection of cucurbitaceous crops against fruit fly by use of bait trap (mixing juggary 10 % with Malathion 0.1 % and putting at different corners of the field) is 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.		
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 18th to 22nd Sept'13

Mokokchung District

Bulletin No: 71/2013

<i>Weather summary of the preceding week</i>			<i>Weather forecast valid upto 22nd 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 97%. Wind speed ranged from 2 to 3 kmph.</p>			<p>There is possibility of light rain the coming week. Next five days, a total rainfall of 3mm is expected Max temp is expected to be around 29⁰C - 32⁰C and min temp is expected to be around 18⁰C to 20⁰C. Possibility of partly cloudy sky the coming week Relative Humidity will range from 51% to 92% and Wind speed 3 – 4 kmph Wind direction will blow from southerly.</p>
Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
Field crops			
<i>Upland Rice</i>	Ripening stage	-	When 80% of the panicles turn straw colour, the crop is ready for harvest. Even at this stage, the leaves of some of the varieties may remain green.
<i>Lowland rice</i>	Anthesis stage	Stem borer	If possible light trap should be installed and adult moth should be collected and destroyed.
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.
		Fruit flies	Monitoring of cucurbitaceous crops against attack of fruit fly should be done by the use of 'Methyl Eugenol trap. Protection of cucurbitaceous crops against fruit fly by use of bait trap (mixing jaggary 10 % with Malathion 0.1 % and

				putting at different corners of the field) is 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.		
	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 from 18th to 22nd Sept'13 Mon District

Bulletin No:71/2013

<i>Weather summary of the preceding week</i>			<i>Weather forecast valid upto 22nd Sept '13</i>
<ul style="list-style-type: none"> 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 98%. Wind speed ranged from 1 to 2 kmph. 			<ul style="list-style-type: none"> Possibility of no rain the next five days. The max temp is likely to be 28^oC - 31^oC and the min temp 17^oC - 19^oC. Sky is likely to be mainly cloudy sky the coming week Relative Humidity is likely to range from 51% to 92% Wind speed may reach upto 2- 4 kmph Wind direction will be from southeasterly
Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
Field crops			
Upland Rice	Harvesting stage	-	Proper sanitation should be maintained in store house by cleaning up of old grain and grain debris. Stored grain should be clean and dry.
Lowland rice	Anthesis stage	Stem borer	If possible light trap should be installed and adult moth should be collected and destroyed.
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.
		Fruit flies	Monitoring of cucurbitaceous crops against attack of fruit fly should be done by the use of 'Methyl Eugenol trap. Protection of cucurbitaceous crops against fruit fly by use of bait trap (mixing juggary 10 % with Malathion 0.1 % and putting at different corners of the field) is advised.
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).		

	<i>Poultry</i>	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 18th to 22nd Sept'13

Peren District

Bulletin No:71/2013

Weather summary of the preceding week			Weather forecast valid upto 22 nd sept'13
Light rain occurred the past week. Maximum and minimum temperature range from 28 ⁰ C to 33 ⁰ C and 16 ⁰ C to 19 ⁰ C, respectively. Relative humidity varied from 42% 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 26 mm is expected Max temp is expected to be around 29 ⁰ C - 33 ⁰ C and min temp is expected to be around 19 ⁰ C to 20 ⁰ C. Possibility of mainly cloudy sky the coming week Relative Humidity will range from 47% to 98% The wind speed may reach upto 2 - 3 kmph Wind direction will blow from southeasterly
Main Crops	Stage	Pest/ diseases	Agro-meteorological Advisories
Field crops			
Upland Rice	Ripening stage	-	When 80% of the panicles turn straw colour, the crop is ready for harvest. Even at this stage, the leaves of some of the varieties may remain green.
Lowland rice	Anthesis stage	Stem borer	If possible light trap should be installed and adult moth should be collected and destroyed.
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.
		Fruit flies	Monitoring of cucurbitaceous crops against attack of fruit fly should be done by the use of 'Methyl Eugenol trap. Protection of cucurbitaceous crops against fruit fly by use of bait trap (mixing jaggary 10 % with Malathion 0.1

				% and putting at different corners of the field) is 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.		
	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 18th to 22nd Sept'13

Phek District

Bulletin No: 71/2013

Weather summary of the preceding week			Weather forecast valid upto 22 nd sept'13
Light rain occurred the past week Maximum and minimum temperatures ranged from 26 ⁰ C to 29 ⁰ C and 16 ⁰ C to 18 ⁰ C, respectively. Relative humidity varied from 58% to 98%. Wind speed ranged from 1 to 2 kmph.			There is possibility of light rain the coming week. Next five days , a total rainfall of 11 mm is expected Max temp is expected to be around 26⁰C - 31⁰C and min temp is expected to be around 16⁰C to 19⁰C. Possibility of partly cloudy sky the coming week Relative Humidity will range from 54% to 96% The wind speed 1- 2 kmph Wind direction will blow from southeasterly
Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
Field crops			
Upland Rice	Ripening stage	-	When 80% of the panicles turn straw colour, the crop is ready for harvest. Even at this stage, the leaves of some of the varieties may remain green.
Lowland rice	Anthesis stage	Stem borer	If possible light trap should be installed and adult moth should be collected and destroyed.
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.
Cucurbits	Flowering to fruiting stage	Fruit flies	Try to avoid injuries during harvesting and handling. Monitoring of cucurbitaceous crops against attack of fruit fly should be done by the use of 'Methyl Eugenol trap. Protection of cucurbitaceous crops against fruit fly by

				use of bait trap (mixing jaggery 10 % with Malathion 0.1 % and putting at different corners of the field) is 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.		
	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 18th to 22nd Sept'13 Tuensang District

Bulletin No:71/2013


Weather summary of the preceding week

Light rain occurred the past week
Maximum and minimum temperatures ranged 18⁰C to 24⁰C and 11⁰C to 15⁰C, respectively.
Relative humidity varied from 65% to 98%.
Wind speed ranged from 1 to 2 kmph.

Weather forecast valid upto 22nd Sept'13

There is possibility of light rain the coming week. Next five days , a total rainfall of 6 mm is expected
Max temp is expected to be around 21⁰C - 26⁰C and min temp is expected to be around 10⁰C to 15⁰C.
Possibility of mainly cloudy sky the coming week
Relative humidity will range from 58% to 98% and
Wind speed 1 – 2 kmph
Wind direction will blow from southeasterly

Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
Field crops			
Upland Rice	Ripening stage	-	When 80% of the panicles turn straw colour, the crop is ready for harvest. Even at this stage, the leaves of some of the varieties may remain green.
Lowland rice	Anthesis stage	Stem borer	If possible light trap should be installed and adult moth should be collected and destroyed.
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.
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	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	Fruit flies	Monitoring of cucurbitaceous crops against attack of fruit fly should be done by the use of 'Methyl Eugenol trap. Protection of cucurbitaceous crops against fruit fly by use of bait trap (mixing jaggery 10 % with Malathion 0.1 % and putting at different corners of the field) is advised.
	<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 18th to 22nd Sept'13 Wokha District

Bulletin No:71/2013


Weather summary of the preceding week

Light rain occurred the past week.
Maximum and minimum temperatures ranged from 29⁰C to 32⁰C and 18⁰C to 20⁰C, respectively.
Relative humidity varied from 53% to 98%.
Wind speed ranged from 1 to 2 kmph

Weather forecast valid upto 22nd Sept '13

There is possibility of light rain the coming week. Next five days , a total rainfall of 13mm is expected
Max temp is expected to be around 29⁰C - 33⁰C and min temp is expected to be around 19⁰C to 21⁰C.
Possibility of mainly cloudy sky the coming week
Relative Humidity will range from 50% to 94%
The wind speed 3– 4 kmph
Wind direction will blow from southeasterly

Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
<i>Field crops</i>			
<i>Upland Rice</i>	Ripening stage	-	When 80% of the panicles turn straw colour, the crop is ready for harvest. Even at this stage, the leaves of some of the varieties may remain green.
<i>Lowland rice</i>	Anthesis stage	Stem borer	If possible light trap should be installed and adult moth should be collected and destroyed.
<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 stage	-	Try to avoid injuries during harvesting and handling.
		Fruit flies	Monitoring of cucurbitaceous crops against attack of fruit fly should be done by the use of 'Methyl Eugenol trap. Protection of cucurbitaceous crops against fruit fly by use of bait trap (mixing juggary 10 % with Malathion 0.1 % and putting at different corners of the field) is 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.



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Integrated Agromet Advisory Service Bulletin 18th to 22nd Sept'13

Zunheboto District

Bulletin No:71/2013

<i>Weather summary of the preceding week</i>	<i>Weather forecast valid upto 22nd sept'13</i>
Light rain occurred the past week Maximum and minimum temperatures ranged from 26 ⁰ C to 28 ⁰ C and 16 ⁰ C to 18 ⁰ C, respectively. Relative humidity varied from 58% to 98%. Wind speed ranged from 1 to 2 kmph.	There is possibility of light rain the coming week. Next five days , a total rainfall of 10 mm is expected Max temp is expected to be around 26 ⁰ C - 31 ⁰ C and min temp is expected to be around 16 ⁰ C to 19 ⁰ C. Possibility of partly cloudy sky the coming week Relative Humidity will range from 53% to 95% The wind speed 2- 4 kmph Wind direction will blow southeasterly

Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
Field crops			
<i>Upland Rice</i>	Ripening stage	-	When 80% of the panicles turn straw colour, the crop is ready for harvest. Even at this stage, the leaves of some of the varieties may remain green.
<i>Lowland rice</i>	Anthesis stage	Stem borer	If possible light trap should be installed and adult moth should be collected and destroyed.
Horticultural crops			
<i>Cucurbits</i>	Fruiting to harvesting stage	-	Try to avoid injuries during harvesting and handling.
		Fruit flies	Monitoring of cucurbitaceous crops against attack of fruit fly should be done by the use of 'Methyl Eugenol trap. Protection of cucurbitaceous crops against fruit fly by use of bait trap (mixing jaggary 10 % with Malathion 0.1 % and putting at different corners of the field) is 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>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.		

