




Integrated Agromet Advisory Service Bulletin 10th to 14th July'13 Dimapur District

Bulletin No:53/2013

Weather summary of the preceding week			Weather forecast valid upto 14 th July'13
<p>Light rain occurred the past week. Maximum and minimum temperatures ranged 29⁰C to 30⁰C and 20⁰C to 21⁰C, respectively. Relative humidity varied from 75% to 95%. Wind speed ranged from 2 to 4 kmph.</p>			<p>There is possibility of moderate rain the coming week. Next five days , a total rainfall of 80 mm is expected Max temp is expected to be around 32⁰C - 34⁰C and min temp is expected to be around 20⁰C to 21⁰C. Possibility of mainly cloudy sky the coming week Relative Humidity will range from 60% to 90% and Wind speed 1– 2 kmph Wind direction will be from southeasterly</p>
Main Crops	Stage	Pest/ diseases	Agro-meteorological Advisories
Field crops			
Upland Rice	Panicle stage	Gundhi bug	Weed sanitation and eradication of alternate hosts from ricefields and surrounding areas can help prevent the multiplication of the bug. Mechanical control measures such as smoking the field, hand-picking of adults and nymphs have also been advocated
Lowland rice	Tillering stage	Stem borer	The larvae of these insects bore into the stem and cause damage from July to October. Central leaf whorl does not unfold, turns brownish and dries out although the lower leaves remain green and healthy. Affected tillers dries out without bearing panicles. Tillers showing dead hearts should be removed and their destruction must be outside the field, as it reduces the infestation.
Horticultural crops			
Okra	Fruiting to harvesting stage	-	Harvesting should be done at timely interval.
Chilli	Transplanted	Chilli thrips	Tender leaves and growing shoots starts curling and crumbling and is ultimately shed where as buds become brittle and drop down. Spray the plant with 3% and 5% neem oil to effectively control the thrips.
Brinjal	Fruiting and harvesting stage	-	Brinjals cannot be stored at room temperature for many days as high respiration and water loss occurs which affect the appearance and cooking quality of the fruit.
Ginger	Vegetative stage	Soft rot	Farmers are advised to monitor the plants against soft rot, which multiplies with buildup of soil moisture with the onset of southwest monsoon. Proper drainage of water should be maintained as stagnation of water

				predisposes the plant to infection. Once the disease is located in the field, removal of affected clumps and drenching the affected and surrounding beds with mancozeb 0.3% checks the spread of the disease.
	<i>Cucurbits</i>	Vegetative stage	-	During weeding and hoeing, earthing up of the vine should be done.
	<i>Colocasia</i>	Vegetative stage	Aphid	The nymphs and the adults congregate under the outer leaf sheath base of pseudostem and around the crown of the plant and suck the sap from the tender leaves. Proper monitoring should be done.
	<i>Citrus</i>	Fruiting to harvesting stage	aphid	Aphids cause massive damage to plants by sucking out their juice. Look for them on the undersides of leaves, where they build their colonies. Prune off any obvious colonies to immediately rid your lemon tree of at least some of the insects.
	<i>Piggery</i>	Proper management should be taken for diarrhoea in piglets. Observe litters for the presence of diarrhoea both night and morning. Always treat piglet less than 7 months by mouth. Assess the response of treatment. If there is no change within 12 hours than change to another medicine as advised by your veterinarian		
	<i>Poultry</i>	As the weather is warm and humid, farmers are advised to maintain good ventilation in poultry house and avoid overcrowding.		
	<i>Fishery</i>	Do not let the weeds cover more than one quarter of the surface. If there are too many weeds, clean your pond. Cut the weeds and grass on the banks of the pond.		





Integrated Agromet Advisory Service Bulletin 10th to 14th July'13

Kiphire District

Bulletin No:53/2013

Weather summary of the preceding week			Weather forecast valid upto 14 th July'13
<p>Light rain occurred the past week. Maximum and minimum temperatures ranged from 21⁰C to 28⁰C and 18⁰C to 19⁰C, respectively. Relative humidity varied from 90% to 95%. 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 60 mm is expected Max temp is expected to be around 22⁰C - 25⁰C and min temp is expected to be around 17⁰C to 18⁰C. Possibility of cloudy sky the coming week Relative Humidity will range from 84% to 95% The wind speed 2- 3 kmph Wind direction will blow from southeasterly</p>
Main Crops	Stage	Pest/ diseases	Agro-meteorological Advisories
Field crops			
Upland Rice	Panicle stage	Gundhi bug	<p>Weed sanitation and eradication of alternate hosts from ricefields and surrounding areas can help prevent the multiplication of the bug. Mechanical control measures such as smoking the field, hand-picking of adults and nymphs have also been advocated</p>
Lowland rice	Tillering stage	Stem borer	<p>The larvae of these insects bore into the stem and cause damage from July to October. Central leaf whorl does not unfold, turns brownish and dries out although the lower leaves remain green and healthy. Affected tillers dries out without bearing panicles. Tillers showing dead hearts should be removed and their destruction must be outside the field, as it reduces the infestation.</p>
Horticultural crops			
Brinjal	Fruiting and harvesting stage	-	Brinjals cannot be stored at room temperature for many days as high respiration and water loss occurs which affect the appearance and cooking quality of the fruit.
Okra	Fruiting to harvesting stage	-	Harvesting should be done at timely interval.
Chilli	Transplanted	Chilli thrips	<p>Tender leaves and growing shoots starts curling and crumbling and is ultimately shed where as buds become brittle and drop down. Spray the plant with 3% and 5% neem oil to effectively control the thrips.</p>
Cucurbits	Vegetative stage	-	During weeding and hoeing, earthing up of the vine should be done.

	<i>Piggery</i>	<p>Proper management should be taken for diarrhoea in piglets. Observe litters for the presence of diarrhoea both night and morning.</p> <p>Always treat piglet less than 7 months by mouth.</p> <p>Assess the response of treatment. If there is no change within 12 hours than change to another medicine as advised by your veterinarian</p>
	<i>Poultry</i>	<p>As the weather is warm and humid, farmers are advised to maintain good ventilation in poultry house and avoid overcrowding.</p>
	<i>Fishery</i>	<p>Do not let the weeds cover more than one quarter of the surface. If there are too many weeds, clean your pond. Cut the weeds and grass on the banks of the pond.</p>



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Integrated Agromet Advisory Service Bulletin 10th to 14th July'13 Kohima District

Bulletin No:53/2013


Weather summary of the preceding week

Light rain occurred the past week.
Maximum and minimum temperatures ranged from 25⁰C to 28⁰C and 17⁰C to 19⁰C, respectively.
Relative humidity varied from 75% to 95%.
Wind speed ranged from 2 to 4 kmph.

Weather forecast valid upto 14th July'13

There is possibility of light to moderate rain the coming week.
Next five days , a total rainfall of 70 mm is expected
Max temp is expected to be around 26⁰C - 28⁰C and min temp is expected to be around 19⁰C to 20⁰C.
Possibility of mainly cloudy sky the coming week
Relative Humidity will range from 62% to 92%
Wind speed 2 - 3 kmph
Wind direction will blow from southeasterly

Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
<i>Field crops</i>			
<i>Upland Rice</i>	Panicle stage	Gundhi bug	Weed sanitation and eradication of alternate hosts from ricefields and surrounding areas can help prevent the multiplication of the bug. Mechanical control measures such as smoking the field, hand-picking of adults and nymphs have also been advocated
<i>Lowland rice</i>	Tillering stage	Stem borer	The larvae of these insects bore into the stem and cause damage from July to October. Central leaf whorl does not unfold, turns brownish and dries out although the lower leaves remain green and healthy. Affected tillers dries out without bearing panicles. Tillers showing dead hearts should be removed and their destruction must be outside the field, as it reduces the infestation.
<i>Horticultural crops</i>			
<i>Brinjal</i>	Fruiting and harvesting stage	-	Brinjals cannot be stored at room temperature for many days as high respiration and water loss occurs which affect the appearance and cooking quality of the fruit.
<i>Okra</i>	Fruiting to harvesting stage	-	Harvesting should be done at timely interval.
<i>Chilli</i>	Transplanted	Chilli thrips	Tender leaves and growing shoots starts curling and crumbling and is ultimately shed where as buds become brittle and drop down. Spray the plant with 3% and 5% neem oil to effectively control the thrips.

	<i>Cucurbits</i>	Vegetative stage	-	During weeding and hoeing, earthing up of the vine should be done.
	<i>Citrus</i>	Fruiting to harvesting stage	aphid	Aphids cause massive damage to plants by sucking out their juice. Look for them on the undersides of leaves, where they build their colonies. Prune off any obvious colonies to immediately rid your lemon tree of at least some of the insects.
	<i>Piggery</i>	<p>Proper management should be taken for diarrhoea in piglets. Observe litters for the presence of diarrhoea both night and morning.</p> <p>Always treat piglet less than 7 months by mouth.</p> <p>Assess the response of treatment. If there is no change within 12 hours than change to another medicine as advised by your veterinarian</p>		
	<i>Poultry</i>	As the weather is warm and humid, farmers are advised to maintain good ventilation in poultry house and avoid overcrowding.		
	<i>Fishery</i>	Do not let the weeds cover more than one quarter of the surface. If there are too many weeds, clean your pond. Cut the weeds and grass on the banks of the pond.		




Integrated Agromet Advisory Service Bulletin 10th to 14th July'13

Mokokchung District

Bulletin No: 53/2013

<i>Weather summary of the preceding week</i>			<i>Weather forecast valid upto 14th July'13</i>
<p>Light rain occurred the past week Maximum and minimum temperatures ranged 25⁰C to 28⁰C and 20⁰C to 21⁰C, respectively. Relative humidity varied from 69% to 94%. Wind speed ranged from 2 to 3 kmph.</p>			<p>There is possibility of light to moderate rain the coming week. Next five days , a total rainfall of 61 mm is expected Max temp is expected to be around 27⁰C - 28⁰C and min temp is expected to be around 20⁰C to 21⁰C. Possibility of cloudy sky the coming week Relative Humidity will range from 71% to 94% and Wind speed 2 – 4 kmph Wind direction will blow from southeasterly</p>
Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
Field crops			
Upland Rice	Panicle stage	Gundhi bug	Weed sanitation and eradication of alternate hosts from rice fields and surrounding areas can help prevent the multiplication of the bug. Mechanical control measures such as smoking the field, hand-picking of adults and nymphs have also been advocated
Lowland rice	Tillering stage	Stem borer	The larvae of these insects bore into the stem and cause damage from July to October. Central leaf whorl does not unfold, turns brownish and dries out although the lower leaves remain green and healthy. Affected tillers dries out without bearing panicles. Tillers showing dead hearts should be removed and their destruction must be outside the field, as it reduces the infestation..
Horticultural crops			
Citrus	Fruiting to harvesting stage	aphid	Aphids cause massive damage to plants by sucking out their juice. Look for them on the undersides of leaves, where they build their colonies. Prune off any obvious colonies to immediately rid your lemon tree of at least some of the insects.
Brinjal	Fruiting and harvesting stage	-	Brinjals cannot be stored at room temperature for many days as high respiration and water loss occurs which affect the appearance and cooking quality of the fruit.
Okra	Fruiting to harvesting stage	-	Harvesting should be done at timely interval.
Ginger	Vegetative stage	Soft rot	Farmers are advised to monitor the plants against soft rot, which multiplies with buildup of soil moisture with the onset of southwest monsoon. Proper drainage of water should be maintained as stagnation of water

				predisposes the plant to infection. Once the disease is located in the field, removal of affected clumps and drenching the affected and surrounding beds with mancozeb 0.3% checks the spread of the disease.
	Chilli	Transplanted	Chilli thrips	Tender leaves and growing shoots starts curling and crumbling and is ultimately shed where as buds become brittle and drop down. Spray the plant with 3% and 5% neem oil to effectively control the thrips.
	Cucurbits	Vegetative stage	-	During weeding and hoeing, earthing up of the vine should be done.
	Piggery	Proper management should be taken for diarrhoea in piglets. Observe litters for the presence of diarrhoea both night and morning. Always treat piglet less than 7 months by mouth. Assess the response of treatment. If there is no change within 12 hours than change to another medicine as advised by your veterinarian.		
	Poultry	As the weather is warm and humid, farmers are advised to maintain good ventilation in poultry house and avoid overcrowding.		
	Fishery	Do not let the weeds cover more than one quarter of the surface. If there are too many weeds, clean your pond. Cut the weeds and grass on the banks of the pond		



Integrated Agromet Advisory Service Bulletin from 10th to 14th July'13 Mon District

Bulletin No:53/2013


Weather summary of the preceding week

- Light rain occurred the past week
- **Maximum** and **minimum temperatures** ranged 24⁰C to 30⁰C and 19⁰C to 20⁰C, respectively.
- **Relative humidity** varied from 74% to 94%.
- **Wind speed** ranged from 2 to 3 kmph.

Weather forecast valid upto 14th July '13

- Possibility of light rain the next five days, a total rainfall of 50 mm is expected
- The **max temp** is likely to be 25⁰C - 29⁰C and the **min temp** 20⁰C - 21⁰C.
- **Sky is likely to be cloudy sky the coming week**
- **Relative Humidity** is likely to range from 69% to 95%
- **Wind speed** may reach upto 2- 3 kmph
- **Wind direction** will be from southeasterly

Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
Field crops			
Upland Rice	Panicle stage	Gundhi bug	Weed sanitation and eradication of alternate hosts from ricefields and surrounding areas can help prevent the multiplication of the bug. Mechanical control measures such as smoking the field, hand-picking of adults and nymphs have also been advocated
Lowland rice	Tillering stage	Stem borer	The larvae of these insects bore into the stem and cause damage from July to October. Central leaf whorl does not unfold, turns brownish and dries out although the lower leaves remain green and healthy. Affected tillers dries out without bearing panicles. Tillers showing dead hearts should be removed and their destruction must be outside the field, as it reduces the infestation.
Horticultural crops			
Ginger	Vegetative stage	Soft rot	Farmers are advised to monitor the plants against soft rot, which multiplies with buildup of soil moisture with the onset of southwest monsoon. Proper drainage of water should be maintained as stagnation of water predisposes the plant to infection. Once the disease is located in the field, removal of affected clumps and drenching the affected and surrounding beds with mancozeb 0.3% checks the spread of the disease.
Brinjal	Fruiting and harvesting stage	-	Brinjals cannot be stored at room temperature for many days as high respiration and water loss occurs which affect the appearance and cooking quality of the fruit.

	Okra	Fruiting to harvesting stage	-	Harvesting should be done at timely interval.
	Chilli	Transplanted	Chilli thrips	Tender leaves and growing shoots starts curling and crumbling and is ultimately shed where as buds become brittle and drop down. Spray the plant with 3% and 5% neem oil to effectively control the thrips.
	Cucurbits	Vegetative stage	-	During weeding and hoeing, earthing up of the vine should be done.
	Piggery	Proper management should be taken for diarrhoea in piglets. Observe litters for the presence of diarrhoea both night and morning. Always treat piglet less than 7 months by mouth. Assess the response of treatment. If there is no change within 12 hours than change to another medicine as advised by your veterinarian.		
	Poultry	As the weather is warm and humid, farmers are advised to maintain good ventilation in poultry house and avoid overcrowding.		
	Fishery	Do not let the weeds cover more than one quarter of the surface. If there are too many weeds, clean your pond. Cut the weeds and grass on the banks of the pond.		




Integrated Agromet Advisory Service Bulletin 10th to 14th July'13

Peren District

Bulletin No:53/2013

Weather summary of the preceding week			Weather forecast valid upto 14 th July'13
<p>Light rain occurred the past week. Maximum and minimum temperature range from 26⁰C to 30⁰C and 19⁰C to 20⁰C, respectively. Relative humidity varied from 73% to 96%. Wind speed ranged from 2 to 3 kmph.</p>			<p>There is possibility of moderate rain the coming week. Next five days , a total rainfall of 60 mm is expected Max temp is expected to be around 26⁰C - 28⁰C and min temp is expected to be around 19⁰C to 21⁰C. Possibility of cloudy sky the coming week Relative Humidity will range from 63% to 95% The wind speed may reach upto 2 - 4 kmph Wind direction will blow from southerly</p>
Main Crops	Stage	Pest/ diseases	Agro-meteorological Advisories
Field crops			
Upland Rice	Panicle stage	Gundhi bug	Weed sanitation and eradication of alternate hosts from ricefields and surrounding areas can help prevent the multiplication of the bug. Mechanical control measures such as smoking the field, hand-picking of adults and nymphs have also been advocated
Upland Rice(late sown)	Tillering stage	Stem borer	The larvae of these insects bore into the stem and cause damage from July to October. Central leaf whorl does not unfold, turns brownish and dries out although the lower leaves remain green and healthy. Affected tillers dries out without bearing panicles. Tillers showing dead hearts should be removed and their destruction must be outside the field, as it reduces the infestation.
Horticultural crops			
Okra	Fruiting to harvesting stage	-	Harvesting should be done at timely interval.
Brinjal	Fruiting and harvesting stage	-	Brinjals cannot be stored at room temperature for many days as high respiration and water loss occurs which affect the appearance and cooking quality of the fruit.
King chilli	Transplanted	Chilli thrips	Tender leaves and growing shoots starts curling and crumbling and is ultimately shed where as buds become brittle and drop down. Spray the plant with 3% and 5% neem oil to effectively control the thrips.

	<i>Cucurbits</i>	Vegetative stage	-	During weeding and hoeing, earthing up of the vine should be done.
	<i>Piggery</i>	Proper management should be taken for diarrhoea in piglets. Observe litters for the presence of diarrhoea both night and morning. Always treat piglet less than 7 months by mouth. Assess the response of treatment. If there is no change within 12 hours than change to another medicine as advised by your veterinarian		
	<i>Poultry</i>	As the weather is warm and humid, farmers are advised to maintain good ventilation in poultry house and avoid overcrowding.		
	<i>Fishery</i>	Do not let the weeds cover more than one quarter of the surface. If there are too many weeds, clean your pond. Cut the weeds and grass on the banks of the pond.		



Integrated Agromet Advisory Service Bulletin 10th to 14th July'13

Phek District

Bulletin No: 53/2013

Weather summary of the preceding week

Light rain occurred the past week
Maximum and **minimum temperatures** ranged from 24⁰C to 29⁰C and 19⁰C to 20⁰C, respectively.
Relative humidity varied from 79% to 96%.
Wind speed ranged from 2 to 3 kmph.

Weather forecast valid upto 14th July'13

There is possibility of light to moderate rain the coming week. Next five days , a total rainfall of 68 mm is expected
Max temp is expected to be around 26⁰C - 27⁰C and **min temp is expected to be around 19⁰C to 20⁰C.**
Possibility of mainly cloudy sky the coming week
Relative Humidity will range from 78% to 94%
The **wind speed** 2- 4 kmph
Wind direction will blow from southeasterly

Main Crops

Stage

Pest/ Diseases


Agro-meteorological Advisories

Field crops

<i>Upland Rice</i>	Panicle stage	Gundhi bug	Weed sanitation and eradication of alternate hosts from ricefields and surrounding areas can help prevent the multiplication of the bug. Mechanical control measures such as smoking the field, hand-picking of adults and nymphs have also been advocated
<i>Lowland rice</i>	Tillering stage	Stem borer	The larvae of these insects bore into the stem and cause damage from July to October. Central leaf whorl does not unfold, turns brownish and dries out although the lower leaves remain green and healthy. Affected tillers dries out without bearing panicles. Tillers showing dead hearts should be removed and their destruction must be outside the field, as it reduces the infestation.

Horticultural crops

<i>Citrus</i>	Fruiting to harvesting stage	aphid	Aphids cause massive damage to plants by sucking out their juice. Look for them on the undersides of leaves, where they build their colonies. Prune off any obvious colonies to immediately rid your lemon tree of at least some of the insects.
<i>Brinjal</i>	Fruiting and harvesting stage	-	Brinjals cannot be stored at room temperature for many days as high respiration and water loss occurs which affect the appearance and cooking quality of the fruit.
<i>Okra</i>	Fruiting to harvesting stage	-	Harvesting should be done at timely interval.


	Chilli	Transplanted	Chilli thrips	Tender leaves and growing shoots starts curling and crumbling and is ultimately shed where as buds become brittle and drop down. Spray the plant with 3% and 5% neem oil to effectively control the thrips.
	Cucurbits	Vegetative stage	-	During weeding and hoeing, earthing up of the vine should be done.
	Piggery	Proper management should be taken for diarrhoea in piglets. Observe litters for the presence of diarrhoea both night and morning. Always treat piglet less than 7 months by mouth. Assess the response of treatment. If there is no change within 12 hours than change to another medicine as advised by your veterinarian		
	Poultry	As the weather is warm and humid, farmers are advised to maintain good ventilation in poultry house and avoid overcrowding.		
	Fishery	Do not let the weeds cover more than one quarter of the surface. If there are too many weeds, clean your pond. Cut the weeds and grass on the banks of the pond.		



Integrated Agromet Advisory Service Bulletin 10th to 14th July'13 Tuensang District

Bulletin No:53/2013

<i>Weather summary of the preceding week</i>		<i>Weather forecast valid upto 14th July'13</i>	
<p>Light rain occurred the past week Maximum and minimum temperatures ranged 18⁰C to 20⁰C and 16⁰C to 17⁰C, respectively. Relative humidity varied from 88% to 95%. Wind speed ranged from 2 to 3 kmph.</p>		<p>There is possibility of light to moderate rain the coming week. Next five days , a total rainfall of 57 mm is expected Max temp is expected to be around 19⁰C - 20⁰C and min temp is expected to be around 16⁰C to 17⁰C. Possibility of cloudy sky the coming week Relative Humidity will range from 86% to 95% and Wind speed 2 – 3 kmph Wind direction will blow from southeasterly</p>	
Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
Field crops			
Upland Rice	Panicle stage	Gundhi bug	Weed sanitation and eradication of alternate hosts from ricefields and surrounding areas can help prevent the multiplication of the bug. Mechanical control measures such as smoking the field, hand-picking of adults and nymphs have also been advocated
Lowland rice	Tillering stage	Stem borer	The larvae of these insects bore into the stem and cause damage from July to October. Central leaf whorl does not unfold, turns brownish and dries out although the lower leaves remain green and healthy. Affected tillers dries out without bearing panicles. Tillers showing dead hearts should be removed and their destruction must be outside the field, as it reduces the infestation.
Horticultural crops			
Cucurbits	Vegetative stage	-	During weeding and hoeing, earthing up of the vine should be done.
Okra	Fruiting to harvesting stage	-	Harvesting should be done at timely interval.
Colocasia	Vegetative stage	Aphid	The nymphs and the adults congregate under the outer leaf sheath base of pseudostem and around the crown of the plant and suck the sap from the tender leaves. Proper monitoring should be done.

	Chilli	Transplanted	Chilli thrips	Tender leaves and growing shoots starts curling and crumbling and is ultimately shed where as buds become brittle and drop down. Spray the plant with 3% and 5% neem oil to effectively control the thrips.
	Brinjal	Fruiting and harvesting stage	-	Brinjals cannot be stored at room temperature for many days as high respiration and water loss occurs which affect the appearance and cooking quality of the fruit.
	Citrus	Fruiting to harvesting stage	aphid	Aphids cause massive damage to plants by sucking out their juice. Look for them on the undersides of leaves, where they build their colonies. Prune off any obvious colonies to immediately rid your lemon tree of at least some of the insects.
	Ginger	Vegetative stage	Soft rot	Farmers are advised to monitor the plants against soft rot, which multiplies with buildup of soil moisture with the onset of southwest monsoon. Proper drainage of water should be maintained as stagnation of water predisposes the plant to infection. Once the disease is located in the field, removal of affected clumps and drenching the affected and surrounding beds with mancozeb 0.3% checks the spread of the disease.
	Piggery	Proper management should be taken for diarrhoea in piglets. Observe litters for the presence of diarrhoea both night and morning. Always treat piglet less than 7 months by mouth. Assess the response of treatment. If there is no change within 12 hours than change to another medicine as advised by your veterinarian		
	Poultry	As the weather is warm and humid, farmers are advised to maintain good ventilation in poultry house and avoid overcrowding.		
	Fishery	Do not let the weeds cover more than one quarter of the surface. If there are too many weeds, clean your pond. Cut the weeds and grass on the banks of the pond		



Integrated Agromet Advisory Service Bulletin 10th to 14th July '13 Wokha District

Bulletin No:53/2013


Weather summary of the preceding week

Light rain occurred the past week.
Maximum and minimum temperatures ranged from 27⁰C to 28⁰C and 20⁰C to 21⁰C, respectively.
Relative humidity varied from 61% to 92%.
Wind speed ranged from 3 to 4 kmph

Weather forecast valid upto 14th July '13

There is possibility of moderate rain the coming week. Next five days , a total rainfall of 80 mm is expected
Max temp is expected to be around 29⁰C - 31⁰C and min temp is expected to be around 20⁰C to 21⁰C.
Possibility of mainly cloudy sky the coming week
Relative Humidity will range from 68% to 93%
The wind speed 2 – 4 kmph
Wind direction will blow from southeasterly

Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
<i>Field crops</i>			
<i>Upland Rice</i>	Panicle stage	Gundhi bug	Weed sanitation and eradication of alternate hosts from ricefields and surrounding areas can help prevent the multiplication of the bug. Mechanical control measures such as smoking the field, hand-picking of adults and nymphs have also been advocated
<i>Lowland rice</i>	Tillering stage	Stem borer	The larvae of these insects bore into the stem and cause damage from July to October. Central leaf whorl does not unfold, turns brownish and dries out although the lower leaves remain green and healthy. Affected tillers dries out without bearing panicles. Tillers showing dead hearts should be removed and their destruction must be outside the field, as it reduces the infestation.
<i>Horticultural crops</i>			
<i>Citrus</i>	Fruiting to harvesting stage	aphid	Aphids cause massive damage to plants by sucking out their juice. Look for them on the undersides of leaves, where they build their colonies. Prune off any obvious colonies to immediately rid your lemon tree of at least some of the insects.
<i>Okra</i>	Fruiting to harvesting stage	-	Harvesting should be done at timely interval.
<i>Brinjal</i>	Fruiting and harvesting	-	Brinjals cannot be stored at room temperature for many days as high respiration and water loss occurs which affect the appearance and cooking

		stage		quality of the fruit.
	Chilli	Transplanted	Chilli thrips	Tender leaves and growing shoots starts curling and crumbling and is ultimately shed where as buds become brittle and drop down. Spray the plant with 3% and 5% neem oil to effectively control the thrips.
	Cucurbits	Vegetative stage	-	During weeding and hoeing, earthing up of the vine should be done.
	Piggery	Proper management should be taken for diarrhoea in piglets. Observe litters for the presence of diarrhoea both night and morning. Always treat piglet less than 7 months by mouth. Assess the response of treatment. If there is no change within 12 hours than change to another medicine as advised by your veterinarian		
	Poultry	As the weather is warm and humid, farmers are advised to maintain good ventilation in poultry house and avoid overcrowding.		
	Fishery	Do not let the weeds cover more than one quarter of the surface. If there are too many weeds, clean your pond. Cut the weeds and grass on the banks of the pond.		



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Integrated Agromet Advisory Service Bulletin 10th to 14th July'13 Zunheboto District

Bulletin No:53/2013

<i>Weather summary of the preceding week</i>	<i>Weather forecast valid upto 14th July'13</i>
<p>Light rain occurred the past week Maximum and minimum temperatures ranged from 24⁰C to 27⁰C and 19⁰C to 20⁰C, respectively. Relative humidity varied from 80% to 95%. Wind speed ranged from 2 to 3 kmph.</p>	<p>There is possibility of light to moderate rain the coming week. Next five days , a total rainfall of 62 mm is expected Max temp is expected to be around 26⁰C - 28⁰C and min temp is expected to be around 19⁰C to 20⁰C. Possibility of mainly cloudy sky the coming week Relative Humidity will range from 77% to 93% The wind speed 2- 4 kmph Wind direction will blow from southeasterly</p>

Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
Field crops			
Upland Rice	Panicle stage	Gundhi bug	Weed sanitation and eradication of alternate hosts from ricefields and surrounding areas can help prevent the multiplication of the bug. Mechanical control measures such as smoking the field, hand-picking of adults and nymphs have also been advocated
Lowland rice	Tillering stage	Stem borer	The larvae of these insects bore into the stem and cause damage from July to October. Central leaf whorl does not unfold, turns brownish and dries out although the lower leaves remain green and healthy. Affected tillers dries out without bearing panicles. Tillers showing dead hearts should be removed and their destruction must be outside the field, as it reduces the infestation.
Horticultural crops			
Cucurbits	Vegetative stage	-	During weeding and hoeing, earthing up of the vine should be done.
Brinjal	Fruiting and harvesting stage	-	Brinjals cannot be stored at room temperature for many days as high respiration and water loss occurs which affect the appearance and cooking quality of the fruit.
Okra	Fruiting to harvesting stage	-	Harvesting should be done at timely interval.

	Chilli	Transplanted	Chilli thrips	Tender leaves and growing shoots starts curling and crumbling and is ultimately shed where as buds become brittle and drop down. Spray the plant with 3% and 5% neem oil to effectively control the thrips.
	Citrus	Fruiting to harvesting stage	aphid	Aphids cause massive damage to plants by sucking out their juice. Look for them on the undersides of leaves, where they build their colonies. Prune off any obvious colonies to immediately rid your lemon tree of at least some of the insects.
	Piggery	Proper management should be taken for diarrhoea in piglets. Observe litters for the presence of diarrhoea both night and morning. Always treat piglet less than 7 months by mouth. Assess the response of treatment. If there is no change within 12 hours than change to another medicine as advised by your veterinarian		
	Poultry	As the weather is warm and humid, farmers are advised to maintain good ventilation in poultry house and avoid overcrowding.		
	Fishery	Do not let the weeds cover more than one quarter of the surface. If there are too many weeds, clean your pond. Cut the weeds and grass on the banks of the pond.		

