

# Integrated Agromet Advisory Service Bulletin 6th to 10<sup>th</sup> July'13 Longleng District

Bulletin No:52	/2013		
Weather summary of the preceding week			Weather forecast valid upto 10 <sup>th</sup> July'13
Light rain occurred the past week. Maximum and minimum temperatures ranged from 26°C to 28°C and 20°C to 21°C, respectively. Relative humidity varied from 75% to 95%. Wind speed ranged from 2 to 4 kmph.		vely.	There is possibility of light to moderate rain the coming week. Next five days, a total rainfall of 40 mm is expected Max temp is expected to be around 25°C - 28°C and min temp is expected to be around 20°C to 21°C. Possibility of cloudy sky the coming week Relative Humidity will range from 70 to 95% The wind speed 2 –3 kmph Wind direction will blow 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 c	rops		
Brinjal	Fruiting and	-	Brinjals cannot be stored at room temperature for many days as high

11011101110	<i>ii</i> crops		
Brinjal	Fruiting and	-	Brinjals cannot be stored at room temperature for many days as high
	harvesting stage		respiration and water loss occurs which affect the appearance and cooking
			quality of the fruit.
Okra	Fruiting to	-	Harvesting should be done at timely interval.
	harvesting stage		
Chilli	Transplanted	Chilli	Tender leaves and growing shoots starts curling and crumbling and is
		thrips	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	<ul> <li>Proper management should be taken for diarrhoea in piglets. Observe litters for the presence of diarrhoea both night and morning.</li> <li>Always treat piglet less than 7 months by mouth.</li> <li>Assess the response of treatment. If there is no change within 12 hours than change to another medicine as advised by your veterinarian</li> </ul>
Poultry	Poultry	As the weather is warm and humid, farmers are advised to maintain good ventilation in poultry house and avoid overcrowding.
भाकुअनुष ICAR	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.
ICAR		



# **Integrated Agromet Advisory Service Bulletin 6th to 10<sup>th</sup> July'13** Mokokchung District

#### Bulletin No: 52/2013

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	ummary of the prec	eaing week	Weather forecast valid upto 10 <sup>th</sup> July'13
Light rain occurred the past week Maximum and minimum temperatures ranged 25 <sup>o</sup> C			There is possibility of light to moderate rain the coming week. Next five days,
			a total rainfall of 51 mm is expected
	C to 21 <sup>°</sup> C, respective		Max temp is expected to be around $25^{\circ}$ C - $28^{\circ}$ C and min temp is expected to be
	ty varied from 74%		around $20^{\circ}$ C to $21^{\circ}$ C.
Wind speed range	ged from 2 to 4 kmp	h.	Possibility of cloudy sky the coming week
			Relative Humidity will range from 69% to 94% and
			Wind speed 2 – 4 kmph
			Wind direction will blow from southeasterly
Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
Field crops	<u> </u>		<u> </u>
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	1	
Citrus	Fruiting to	aphid	Aphids cause massive damage to plants by sucking out their juice. Look for
	harvesting stage		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	-	Brinjals cannot be stored at room temperature for many days as high respiration
	harvesting stage		and water loss occurs which affect the appearance and cooking quality of the
			fruit.
Okra	Fruiting to	-	Harvesting should be done at timely interval.
	harvesting stage		
Ginger	Vegetative stage	Soft rot	Farmers are advised to monitor the plants against soft rot, which multiplies with
0			buildup of soil moisture with the onset of southwest monsoon.
			Proper drainage of water should be maintained as stagnation of water

	Chilli	Transplanted	Chilli thrips	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. Tender leaves and growing shoots starts curling and crumbling and is ultimately shed where as buds become brittle and drop down.	
	Cucurbits	Vegetative stage	-	Spray the plant with 3% and 5% neem oil to effectively control the thrips.During weeding and hoeing, earthing up of the vine should be done.	
	Piggery	<ul> <li>Proper management should be taken for diarrhoea in piglets. Observe litters for the presence of diarrhoea both night and morning.</li> <li>Always treat piglet less than 7 months by mouth.</li> <li>Assess the response of treatment. If there is no change within 12 hours than change to another medicine as advised by your veterinarian.</li> </ul>			
	Poultry			, farmers are advised to maintain good ventilation in poultry house and avoid	
HIB23HTHI ICAR	Fishery	Do not let the weed the weeds and gras		n one quarter of the surface. If there are too many weeds, clean your pond. Cut the pond	



# Integrated Agromet Advisory Service Bulletin from 6th to 10<sup>th</sup> July'13 Mon District

#### Bulletin No:52/2013

Weather summary of the preceding week	Weather forecast valid upto 10 <sup>th</sup> July '13
Light rain occurred the past week	• Possibility of light to moderate rain the next five days, a total rainfall of
• Maximum and minimum temperatures ranged	
$24^{\circ}$ C to $50^{\circ}$ C and $19^{\circ}$ C to $20^{\circ}$ C, respectively.	• The max temp is likely to be $24^{\circ}$ C - $26^{\circ}$ C and the min temp $19^{\circ}$ C - $20^{\circ}$ C.
Relative humidity varied from 77% to 94%.	Sky is likely to be cloudy sky the coming week
• Wind speed ranged from 2 to 4 kmph.	Relative Humidity is likely to range from 74% to 95%
	Wind speed may reach upto 1- 2 kmph
	<ul> <li>Wind direction will be from southeasterly</li> </ul>

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 c	rops		
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.

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	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	<ul> <li>Proper management should be taken for diarrhoea in piglets. Observe litters for the presence of diarrhoea both night and morning.</li> <li>Always treat piglet less than 7 months by mouth.</li> <li>Assess the response of treatment. If there is no change within 12 hours than change to another medicine as advised by your veterinarian.</li> </ul>		
	Poultry	As the weather is warm and humid, farmers are advised to maintain good ventilation in poultry house and avoid overcrowding.         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.		
HIRDSHILL	Fishery			



### Integrated Agromet Advisory Service Bulletin 6th to 10<sup>th</sup> July'13 Peren District

#### Bulletin No:52/2013

Weather summary of the preceding week	Weather forecast valid upto 10 <sup>th</sup> July'13
Light rain occurred the past week. Maximum and minimum temperature range from 26°C to 30°C and 20°C to 21°C, respectively. Relative humidity varied from 61% to 95%. Wind speed ranged from 2 to 3 kmph.	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 $26^{\circ}$ C - $28^{\circ}$ C and min temp is expected to be around $19^{\circ}$ C to $21^{\circ}$ C. 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

Main Crops	Stage	Pest/	Agro-meteorological Advisories
		diseases	
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.

Tender leaves and growing shoots starts curling and crumbling and is

Spray the plant with 3% and 5% neem oil to effectively control the thrips.

ultimately shed where as buds become brittle and drop down.

Chilli

thrips

Transplanted

King chilli

	Cucurbits	Vegetative	-	During weeding and hoeing, earthing up of the vine should be done.
		stage		
	Piggery	Proper managem	ent should be	taken for diarrhoea in piglets. Observe litters for the presence of diarrhoea
		both night and mo	orning.	
		Always treat pigle	et less than 7 i	nonths by mouth.
		Assess the respon	nse of treatme	ent. If there is no change within 12 hours than change to another medicine as
		advised by your v	eterinarian	
X	Poultry	As the weather is avoid overcrowdi		umid, farmers are advised to maintain good ventilation in poultry house and
<b>Fishery</b> Do not let the weeds cover more than one quarter of the surface. If there are to			e 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.
भाकुअनुप ICAR				



# **Integrated Agromet Advisory Service Bulletin 6th to 10<sup>th</sup> July'13** Phek District

#### Bulletin No: 52/2013

Weather summary of the preceding week	Weather forecast valid upto 10 <sup>th</sup> July'13
Light rain occurred the past week	There is possibility of light to moderate rain the coming week. Next five days,
Maximum and minimum temperatures ranged	a total rainfall of 58 mm is expected
from $24^{\circ}$ C to $28^{\circ}$ C and $19^{\circ}$ C to $20^{\circ}$ C, respectively.	Max temp is expected to be around $24^{\circ}$ C - $26^{\circ}$ C and min temp is expected to be
Relative humidity varied from 78% to 96%.	around $19^{\circ}$ C to $20^{\circ}$ C.
Wind speed ranged from 2 to 4 kmph.	Possibility of cloudy sky the coming week
	Relative Humidity will range from 74% to 94%
	The wind speed 2- 4 kmph
	Wind direction will blow from southerly

Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
Field crop	<b>S</b>		
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.
Horticultu	iral 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.

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



## **Integrated Agromet Advisory Service Bulletin 6th to 10<sup>th</sup> July'13** Tuensang District

Bulletin No:52/2013

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Weather summary of the preceding week	Weather forecast valid upto 10 <sup>th</sup> July'13
Light rain occurred the past week	There is possibility of light to moderate rain the coming week. Next five
Maximum and minimum temperatures ranged	days, a total rainfall of 51 mm is expected
$18^{\circ}$ C to $19^{\circ}$ C and $16^{\circ}$ C to $17^{\circ}$ C, respectively.	Max temp is expected to be around $18^{\circ}$ C - $20^{\circ}$ C and min temp is expected
Relative humidity varied from 91% to 95%.	to be around $16^{\circ}$ C to $17^{\circ}$ C.
Wind speed ranged from 2 to 3 kmph.	Possibility of cloudy sky the coming week
	Relative Humidity will range from 88% to 95% and
	Wind speed 1 – 3 kmph
	Wind direction will blow 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.
Horticultura	al 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.

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	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	<ul> <li>Proper management should be taken for diarrhoea in piglets. Observe litters for the presence of diarrhoea both night and morning.</li> <li>Always treat piglet less than 7 months by mouth.</li> <li>Assess the response of treatment. If there is no change within 12 hours than change to another medicine as advised by your veterinarian</li> <li>As the weather is warm and humid, farmers are advised to maintain good ventilation in poultry house and avoid overcrowding.</li> </ul>			
	Poultry				
HEPSHEIL	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 6th to 10<sup>th</sup> July'13** Wokha District

#### Bulletin No:52/2013

Weather summary of the preceding week	Weather forecast valid upto 10 <sup>th</sup> July '13
Light rain occurred the past week.	There is possibility of moderate rain the coming week. Next five
Maximum and minimum temperatures ranged from	days, a total rainfall of 70 mm is expected
$26^{\circ}$ C to $30^{\circ}$ C and $20^{\circ}$ C to $21^{\circ}$ C, respectively.	Max temp is expected to be around 27°C - 30°C and min temp is
Relative humidity varied from 70% to 92%.	expected to be around $20^{\circ}$ C to $21^{\circ}$ C.
Wind speed ranged from 2 to 4 kmph	Possibility of cloudy sky the coming week
	Relative Humidity will range from 61% to 95%
	The wind speed $3 - 4$ kmph
	Wind direction will blow from southerly

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 c	rops		
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.
Okra	Fruiting to harvesting stage	-	Harvesting should be done at timely interval.
Brinjal	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

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		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.		
PiggeryProper management should be taken for diarrhoea in piglets. Observe 1 both night and morning. Always treat piglet less than 7 months by mouth.				nent. If there is no change within 12 hours than change to another medicine as		
	Poultry	As the weather avoid overcrow		humid, farmers are advised to maintain good ventilation in poultry house and		
HIGD 3H-FIL	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.				
ICAR						





# **Integrated Agromet Advisory Service Bulletin 6th to 10<sup>th</sup> July'13** Zunheboto District

Bulletin No:52/2013

Light rain occurred the past weekThere is possibility of light to moderate rain the coming weekMaximum and minimum temperatures ranged from 23°C to 27°C and 19°C to 20°C, respectively.There is possibility of light to moderate rain the coming weekMaximum and minimum temperatures ranged from 23°C to 27°C and 19°C to 20°C, respectively.There is possibility of light to moderate rain the coming weekMax temp is expected to be around 24°C - 26°C and 1Max temp is expected to be around 24°C - 26°C and 1Relative humidity varied from 76% to 95%.Possibility of cloudy sky the coming week	
23°C to 27°C and 19°C to 20°C, respectively. Relative humidity varied from 76% to 95%.Max temp is expected to be around 24°C - 26°C and 1 expected to be around 19°C to 20°C.Wind speed ranged from 2 to 4 kmph.Possibility of cloudy sky the coming week	k. Next five
Relative humidity varied from 76% to 95%.expected to be around 19°C to 20°C.Wind speed ranged from 2 to 4 kmph.Possibility of cloudy sky the coming week	
Wind speed ranged from 2 to 4 kmph.Possibility of cloudy sky the coming week	in temp is
Relative Humidity will range from 86% to 95%	
The wind speed 2- 3 kmph	
Wind direction will blow from southerly	

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	both night and n Always treat pig	norning. glet less than onse of treat	be taken for <b>diarrhoea</b> in piglets. Observe litters for the presence of diarrhoea 7 months by mouth. ment. If there is no change within 12 hours than change to another medicine as
	Poultry	As the weather avoid overcrowe		humid, farmers are advised to maintain good ventilation in poultry house and
HIEP 31-FIL ICAR	Fishery	Do not let the weeds cover more than one quarter of the surface. If there are too many weeds, clean your p Cut the weeds and grass on the banks of the pond.		



## Integrated Agromet Advisory Service Bulletin 6th to 10<sup>th</sup> July'13 Dimapur District

#### Bulletin No:52/2013

Weather s	summary of the pro-	eceding week	Weather forecast valid upto 10 <sup>th</sup> July'13			
30 <sup>°</sup> C and 21 <sup>°</sup> C to Relative humidity	ed the past week. ninimum temperatu 22 <sup>0</sup> C, respectively varied from 59% ed from 2 to 4 kmp	to 95%.	There is possibility of moderate rain the coming week. Next five days to , a total rainfall of 80 mm is expected Max temp is expected to be around 29°C - 31°C and min temp is expected to be around 21°C to 22°C. Possibility of mainly cloudy sky the coming week Relative Humidity will range from 53% to 90% and Wind speed 2– 4 kmph Wind direction will be from southerly			
Main Crops	Stage	Pest/ diseases	Agro-meteorological Advisories			
Field crops						
Upland Rice	Panicle stage		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		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 c	Horticultural crops					
Okra	Fruiting to harvesting stage	-	Harvesting should be done at timely interval.			
Chilli	Transplanted	-	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		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			

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	Cucurbits	Vegetative stage	-	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. During weeding and hoeing, earthing up of the vine should be done.		
	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.		
	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 <b>diarrhoea</b> 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.				
B	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 6th to 10<sup>th</sup> July'13** Kiphire District

Bulletin No:52	2/2013		
Weather summary of the preceding week			Weather forecast valid upto 10 <sup>th</sup> July'13
Light rain occurred the past week. Maximum and minimum temperatures ranged from 21°C to 28°C and 17°C to 18°C, respectively. Relative humidity varied from 88% to 95%. 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 38 mm is expected Max temp is expected to be around 21°C - 23°C and min temp is expected to be around 17°C to 18°C. Possibility of cloudy sky the coming week Relative Humidity will range from 85% to 95% The wind speed 1- 2 kmph Wind direction will blow from southerly
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 crons

noracanara crops			
Brinjal Fruiting and -		-	Brinjals cannot be stored at room temperature for many days as high respiration
	harvesting stage		and water loss occurs which affect the appearance and cooking quality of the fruit.
Okra	Fruiting to	-	Harvesting should be done at timely interval.
	harvesting stage		
Chilli	Transplanted	Chilli	Tender leaves and growing shoots starts curling and crumbling and is ultimately
		thrips	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.

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	Piggery	Proper management should be taken for <b>diarrhoea</b> 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.
HIDISHIN ICAR	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 6th to 10<sup>th</sup> July'13** Kohima District

#### Bulletin No:52/2013

Weather summary of the preceding week	Weather forecast valid upto 10 <sup>th</sup> July'13
Light rain occurred the past week.	There is possibility of light to moderate rain the coming week.
Maximum and minimum temperatures ranged from 24 <sup>o</sup> C	
to $27^{\circ}$ C and $18^{\circ}$ C to $20^{\circ}$ C, respectively.	Max temp is expected to be around $24^{\circ}$ C - $28^{\circ}$ C and min temp is
Relative humidity varied from 63% to 95%.	expected to be around $17^{\circ}$ C to $19^{\circ}$ C.
Wind speed ranged from 2 to 3 kmph.	Possibility of cloudy sky the coming week
	Relative Humidity will range from 64% to 96%
	Wind speed 2 - 3 kmph
	Wind direction will blow from southerly

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		
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.
	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.
both night and morning. Always treat piglet less than 7 months by mouth.			taken for <b>diarrhoea</b> in piglets. Observe litters for the presence of diarrhoea nonths by mouth. In the presence of diarrhoea within 12 hours than change to another medicine as	
	Poultry	As the weather is warm and humid, farmers are advised to maintain good ventilation in poultry house and avoid overcrowding.		
HIEPSHI	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.		