

Cabbage

Nursery

preparation



# Integrated Agromet Advisory Service Bulletin 19<sup>th</sup> to 23<sup>rd</sup> Oct'13 Kiphire District

## **Bulletin No:79/2013**

Weather summary of the preceding week	Weather forecast valid upto 23 <sup>rd</sup> Oct'13
No rain occurred the past week.	There is possibility of light rain the coming week.
Maximum and minimum temperatures ranged from	
27°C to 29°C and 6°C to 16°C, respectively.	be around $15^{\circ}$ C to $17^{\circ}$ C.
Relative humidity varied from 25% to 89%.	Possibility of mainly cloudy sky the coming week
Wind speed ranged from 2 to 4 kmph.	Relative Humidity will range from 51% to 98%
	The wind speed 2- 3kmph
	Wind direction will blow from southeasterly

Main Crops	Stage	Pest/	Agro-meteorological Advisories
		diseases	
Field crops			
Upland Rice	Harvesting stage	-	In case of storage of rice, the structure should be rat and moisture proof and should be airtight.  Care should be taken to store different varieties of paddy separately to avoid their mixed up.
Lowland rice	Hard dough stage	Gundhi bug	Fixing of dead crabs, frogs or even pieces of jackfruit ( <i>Artocarpus heterophyllas</i> ) to bamboo sticks in rice fields to attract and divert pests from sucking milk of rice grain
	Anthesis stage	Sheath blight	Monitor the plants against sheath blight. Proper sanitation should be maintained. Weeds should be removed. Removal of infected stubbles or crop residues from the field is also recommended to reduce the amount of inoculum for the succeeding cropping season.
Maize	Sowing stage	-	It can be grown in any type of soil which is well drained and has good water holding capacity.
Mustard	Land preparation	-	Heavy soils subjected to water logging should be avoided as the crop cannot tolerate such condition. Though the crop is grown during winter season and there is very little chance of water logging but still due to heavy winter rains the water may get accumulated and cause a temporary water logging.
Horticultural of	crops		
Rajmash	Seedling stage	-	Proper monitoring should be done against pest and diseases.

Early crops are best grown on heavier soil, while late crops thrive better on

heavier soils that are more retentive of moisture. On heavy soils, plants grow

				more slowly and the keeping quality is improved.		
	Citrus	-	Leaf miner	Causes damages both in nursery and in grown up stages of the citrus plant. Larvae		
				attack tender leaves and feed in the epidermal layers of the leaf by making		
				serpentine mines. Affected leaves turn pale yellow, get distorted and crumpled		
				which gradually dry and die away.		
				Weekly monitoring on pest are advised.		
	Tomato	Nursery	-	Crop does well under an average monthly temperature of 21°C to 23°C but		
		preparation		commercially it may be grown at temperature ranging from 18 <sup>o</sup> C to 27 <sup>o</sup> C.		
	Potato	Land preparation	Early	Proper sanitation should be maintained to prevent early blight. Weeds should not		
			blight	be allowed to grow on borders of the field.		
	Piggery	Check the herd for spotting out the sick animals and contact the veterinarian for necessary treatment.				
	Poultry	For proper health, o	leworming at	2-3 months interval is required.		
		To prevent the spre	ad of infectio	n, safe disposal of dead /culled birds should be carried out whenever needed.		
\\\\\-\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	Fishery	Regular pond mair	ntenance show	uld be done. Extensive ponds should be fertilized regularly using either organic		
		fertilizers like chicken, cow, or pig manure, to maintain the plankton population in the pond. The fertilizers should				
		be either broadcast over the pond water surface or kept in sacks suspended from poles staked at certain portions				
		along the pond peri	phery.			
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# Integrated Agromet Advisory Service Bulletin 19<sup>th</sup> to 23<sup>rd</sup> Oct'13 Kohima District

Weathe	er summary of the pr	receding week	Weather forecast valid upto 23 <sup>rd</sup> Oct'13		
Maximum and to 33°C and 10°C Relative humidi	red the past week.  minimum temperatu C to 15°C, respective ty varied from 30% t ged from 2 to 4 kmpl	ely. co 98%.	There is possibility of light rain the coming week.  Max temp is expected to be around 28°C - 30°C and min temp is expected to be around 20°C to 21°C.  Possibility of mainly cloudy sky the coming week  Relative Humidity will range from 49% to 98%  Wind speed 2- 4 kmph  Wind direction will blow from easterly		
Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories		
Field crops					
Upland Rice	Harvesting stage	-	In case of storage of rice, the structure should be rat and moisture proof and should be airtight.  Care should be taken to store different varieties of paddy separately to avoid their mixed up.		
Lowland rice	Soft dough stage	Gundhi bug	Proper monitoring of the pest should be done. as the bug suck the sap from developing grain and convert it into ill filled or chaffy grain.		
	Inflorescence stage	Blast	Fungus can attack the leaves, collars, nodes and panicles of rice plants.  Scout fields for leaf blast symptoms. If leaf blast is present, a preventati fungicide application should be considered		
Maize	Sowing stage	-	Maize should be intercropped with legumes to reduce the incidence of insect pest.		
Mustard	Land preparation	-	Land preparation should be carried out.		
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 be 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	-	Early crops are best grown on heavier soil, while late crops thrive better on heavier soils that are more retentive of moisture. On heavy soils, plants		

				grow more slowly and the keeping quality is improved.
				grow more slowly and the keeping quanty is improved.
	Tomato	Nursery	-	Crop does well under an average monthly temperature of 21 <sup>o</sup> C to 23 <sup>o</sup> C but
		preparation		commercially it may be grown at temperature ranging from 18 <sup>o</sup> C to 27 <sup>o</sup> C.
	Potato	Land preparation	Early blight	Proper sanitation should be maintained to prevent early blight. Weeds
				should not be allowed to grow on borders of the field.
	Livestock			eases like pneumonia, nasal discharge, wound and injuries regularly and the
				taken for treatment.
	Poultry		-	e, there is a high risk of occurrence of Avian influenza after monsoon,
		The state of the s		need that all the poultry farmers should keep a watch on any unusual sickness
		or mortality in bi		d informed the nearest concerned authorities without any loss of time for
	Dairy	Farmers are advise	ed to administe	er <b>proper vaccination schedule</b> to protect their cattle from viral and bacterial
				oper de-worming to protect the cattle from worm infestation. They should be contact nearby veterinarian officer for measures against adverse conditions.
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Cabbage

Nursery preparation



# Integrated Agromet Advisory Service Bulletin 19<sup>th</sup> to 23<sup>rd</sup> Oct'13 Longleng District

### **Bulletin No:79/2013**

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	Weather summary of the preceding week			Weather forecast valid upto 23 <sup>rd</sup> Oct'13
	No rain occurred to	the past week.		There is possibility of light rain the coming week.
	Maximum and minimum temperatures ranged from			Max temp is expected to be around 29 <sup>o</sup> C - 30 <sup>o</sup> C and min temp is expected
	28°C to 33°C and 15°C to 17°C, respectively.			to be around 20°C to 21°C.
	Relative humidity varied from 34% to 95%.			Possibility of mainly clear sky the coming week
	Wind speed ranged from 2 to 6 kmph.			Relative Humidity will range from 48% to 97%
				The wind speed 4 –5 kmph
				Wind direction will blow from southeasterly
Ì	Main Crans	Ctoro	Dog#/	A gray motograph A discoving

Main Crops	Buge	1 CSU	Agro-inctcorological Advisories
		diseases	
Field crops			
Upland Rice	Harvesting stage	-	In case of storage of rice, the structure should be rat and moisture proof and should be airtight.
			Care should be taken to store different varieties of paddy separately to avoid their mixed up.
Lowland rice	Hard dough stage	Gundhi bug	Fixing of dead crabs, frogs or even pieces of jackfruit ( <i>Artocarpus heterophyllas</i> ) to bamboo sticks in rice fields to attract and divert pests from sucking milk of rice grain
	Anthesis stage	Sheath blight	Monitor the plants against sheath blight. Proper sanitation should be maintained. Weeds should be removed. Removal of infected stubbles or crop residues from the field is also recommended to reduce the amount of inoculum for the succeeding cropping season.
Maize	Sowing stage	-	It can be grown in any type of soil which is well drained and has good water holding capacity.
Mustard	Land preparation	-	Heavy soils subjected to water logging should be avoided as the crop cannot tolerate such condition. Though the crop is grown during winter season and there is very little chance of water logging but still due to heavy winter rains the water may get accumulated and cause a temporary water logging.
Horticultural o	crops		

Early crops are best grown on heavier soil, while late crops thrive better

on heavier soils that are more retentive of moisture. On heavy soils, plants

grow more slowly and the keeping quality is improved.

	Tomato	Nursery preparation	- Crop does well under an average monthly temperature of 21 <sup>o</sup> C to 23 <sup>o</sup> C but commercially it may be grown at temperature ranging from 18 <sup>o</sup> C to 27 <sup>o</sup> C.
	Piggery	Check the herd for spot	ting out the sick animals and contact the veterinarian for necessary treatment.
ыфзиц ICAR	Poultry		orming at 2-3 months interval is required. of infection, safe disposal of dead /culled birds should be carried out whenever needed.
	Fishery	fertilizers like chicken,	ince should be done. Extensive ponds should be fertilized regularly using either organic cow, or pig manure, to maintain the plankton population in the pond. The fertilizers east over the pond water surface or kept in sacks suspended from poles staked at certain I periphery.



# Integrated Agromet Advisory Service Bulletin 19<sup>th</sup> to 23<sup>rd</sup> Oct'13 Mokokchung District

			TY I O I I I O I I I
	mmary of the prec		Weather forecast valid upto 23 <sup>rd</sup> Oct'13
Light to moderate rain occurred the past week  Maximum and minimum temperatures ranged 27°C			There is possibility of light rain the coming week.
Maximum and n	ninimum temperatu	res ranged 27°C	Max temp is expected to be around 28°C - 29°C and min temp is expected to be
	C to 16 <sup>0</sup> C, respective		around 20°C to 21°C.
	y varied from 48%		Possibility of mainly clear sky the coming week
Wind speed rang	ed from 2 to 3 kmp	h.	Relative Humidity will range from 50% to 98% and
			Wind speed 5 – 6 kmph
			Wind direction will blow from southeasterly.
Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
Field crops			
Upland Rice	Harvesting stage	-	In case of storage of rice, the structure should be rat and moisture proof and
			should be airtight.
			Care should be taken to store different varieties of paddy separately to avoid
			their mixed up.
Lowland rice	Hard dough	Gundhi bug	Fixing of dead crabs, frogs or even pieces of jackfruit (Artocarpus
	stage		heterophyllas) to bamboo sticks in rice fields to attract and divert pests from
	S8-		sucking milk of rice grain
	Anthesis stage	Sheath blight	Monitor the plants against sheath blight. Proper sanitation should be
			maintained. Weeds should be removed. Removal of infected stubbles or crop
			residues from the field is also recommended to reduce the amount of inoculum
			for the succeeding cropping season.
Maize	Sowing stage	-	It can be grown in any type of soil which is well drained and has good water
			holding capacity.
Mustard	Land preparation	-	Heavy soils subjected to water logging should be avoided as the crop cannot
			tolerate such condition. Though the crop is grown during winter season and
			there is very little chance of water logging but still due to heavy winter rains the
			water may get accumulated and cause a temporary water logging.
<b>Horticultural</b>			
Rajmash	Seedling stage	-	Proper monitoring should be done for pest and diseases.
Cabbage	Nursery	-	Early crops are best grown on heavier soil, while late crops thrive better on
	preparation		heavier soils that are more retentive of moisture. On heavy soils, plants grow

			more slowly and the keeping quality is improved.			
Citrus	-	Leaf miner	Causes damages both in nursery and in grown up stages of the citrus plant. Larvae attack tender leaves and feed in the epidermal layers of the leaf by making serpentine mines. Affected leaves turn pale yellow, get distorted and crumpled which gradually dry and die away.  Weekly monitoring on pest are advised.			
Tomato	Nursery preparation	-	Crop does well under an average monthly temperature of 21°C to 23°C but commercially it may be grown at temperature ranging from 18°C to 27°C.			
Potato	Land preparation	Early blight	Proper sanitation should be maintained to prevent early blight. Weeds should not be allowed to grow on borders of the field.			
Piggery	Check the herd for	Check the herd for spotting out the sick animals and contact the veterinarian for necessary treatment.				
Poultry		For proper health, deworming at 2-3 months interval is required.  To prevent the spread of infection, safe disposal of dead /culled birds should be carried out whenever needed.				
Fishery	fertilizers like chic either broadcast ov	Regular pond maintenance should be done. Extensive ponds should be fertilized regularly using either organic fertilizers like chicken, cow, or pig manure, to maintain the plankton population in the pond. The fertilizers should be either broadcast over the pond water surface or kept in sacks suspended from poles staked at certain portions along the pond periphery.				







# Integrated Agromet Advisory Service Bulletin from 19<sup>th</sup> to 23<sup>rd</sup> Oct'13 Mon District

Weather summary of the preceding week			Weather forecast valid upto 23 <sup>rd</sup> Oct '13
■ No rain occurred the past week			<ul> <li>Possibility of light rain the next five days.</li> </ul>
Maximum and minimum temperatures ranged			
$25^{0}$ C to $32^{0}$ C a	and $11^{0}$ C to $16^{0}$ C, res	pectively.	Sky is likely to be mainly clear the coming week
	dity varied from 30%		■ Relative Humidity is likely to range from 48% to 98%
■ Wind speed rai	nged from 2 to 7 km	oh.	■ Wind speed may reach upto 3- 4 kmph
			■ Wind direction will be from southeasterly
Main Crops	Stage	Pest/	Agro-meteorological Advisories
		Diseases	
Field crops			
Lowland rice	Hard dough stage	Gundhi bug	Fixing of dead crabs, frogs or even pieces of jackfruit (Artocarpus
			heterophyllas) to bamboo sticks in rice fields to attract and divert pests
			from sucking milk of rice grain
	Anthesis stage	Sheath	Monitor the plants against sheath blight. Proper sanitation should be
		blight	maintained. Weeds should be removed. Removal of infected stubbles or
			crop residues from the field is also recommended to reduce the amount of
			inoculum for the succeeding cropping season.
Maize	Sowing stage	-	It can be grown in any type of soil which is well drained and has good water
			holding capacity.
Mustard	Land preparation	_	Heavy soils subjected to water logging should be avoided as the crop cannot
			tolerate such condition. Though the crop is grown during winter season and
			there is very little chance of water logging but still due to heavy winter rains
			the water may get accumulated and cause a temporary water logging.
Horticultural cr	ops		
		-	Early crops are best grown on heavier soil, while late crops thrive better on
	preparation		heavier soils that are more retentive of moisture. On heavy soils, plants
			grow more slowly and the keeping quality is improved.
Ginger	Vegetative stage	-	If few plants show symptoms of disease roguing has to be done.
Potato	Land preparation	Early blight	Proper sanitation should be maintained to prevent early blight. Weeds
			should not be allowed to grow on borders of the field.

	Tomato	Nursery preparation	-	Crop does well under an average monthly temperature of 21 <sup>o</sup> C to 23 <sup>o</sup> C but commercially it may be grown at temperature ranging from 18 <sup>o</sup> C to 27 <sup>o</sup> C.		
	Piggery		spotting out the	e sick animals and contact the veterinarian for necessary treatment.		
	Poultry	For proper health, deworming at 2-3 months interval is required.  To prevent the spread of infection, safe disposal of dead /culled birds should be carried out whenever needed.				
нірэнці ІСА В	Fishery	fertilizers like chic	ken, cow, or poadcast over the	be done. Extensive ponds should be fertilized regularly using either organic big manure, to maintain the plankton population in the pond. The fertilizers be pond water surface or kept in sacks suspended from poles staked at certain		





## **Integrated Agromet Advisory Service Bulletin 19<sup>th</sup> to 23<sup>rd</sup> Oct'13** Peren District

<b>Bulletin No:79</b>	/2013		
Weather sum	mary of the preced	ding week	Weather forecast valid upto 23rd Oct'13
Light rain occurred the past week.  Maximum and minimum temperature range from 29°C to 32°C and 14°C to 16°C, respectively.  Relative humidity varied from 31% to 98%.  Wind speed ranged from 2 to 4 kmph.			There is possibility of light rain the coming week.  Max temp is expected to be around 28°C - 30°C and min temp is expected to be around 20°C to 21°C.  Possibility of mainly cloudy sky the coming week  Relative Humidity will range from 53% to 98%  The wind speed may reach upto 2 - 5 kmph  Wind direction will blow from southeasterly
Main Crops	Stage Pest/ diseases		Agro-meteorological Advisories
Field crops			
Upland Rice	-		In case of storage of rice, the structure should be rat and moisture proof and
			should be airtight.
			Care should be taken to store different varieties of paddy separately to avoid their mixed up.
Lowland rice	Hard dough	Gundhi	Fixing of dead crabs, frogs or even pieces of jackfruit (Artocarpus
	stage bug		heterophyllas) to bamboo sticks in rice fields to attract and divert pests from sucking milk of rice grain
Anthesis stage Sheath blight			Monitor the plants against sheath blight. Proper sanitation should be maintained. Weeds should be removed. Removal of infected stubbles or crop residues from the field is also recommended to reduce the amount of inoculum for the succeeding cropping season.
Maize	Sowing stage	-	It can be grown in any type of soil which is well drained and has good water holding capacity.
Mustard	Land	-	Heavy soils subjected to water logging should be avoided as the crop cannot
preparation			tolerate such condition. Though the crop is grown during winter season and there is very little chance of water logging but still due to heavy winter rains the water may get accumulated and cause a temporary water logging.
Horticultural c	rops		
Ginger	Vegetative	-	If few plants show symptoms of disease roguing has to be done.
	stage		

	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	-	Early crops are best grown on heavier soil, while late crops thrive better on heavier soils that are more retentive of moisture. On heavy soils, plants grow more slowly and the keeping quality is improved.		
	Tomato	preparation commerci		Crop does well under an average monthly temperature of 21° C to 23°C but commercially it may be grown at temperature ranging from 18° C to 27° C.		
	Piggery	Check the herd for spotting out the sick animals and contact the veterinarian for necessary treatment				
	Poultry	For proper health, deworming at 2-3 months interval is required.  To prevent the spread of infection, safe disposal of dead /culled birds should be carried out whenever no				
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## Integrated Agromet Advisory Service Bulletin 19<sup>th</sup> to 23<sup>rd</sup> Oct'13 Phek District

Bulletin No: 79/2	LUZ	.3
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Weather summary of the preceding week

No rain occurred the past week

Maximum and minimum temperatures ranged from 25°C to 31°C and 11°C to 15C, respectively.

Relative humidity varied from 26% to 98%.

Wind speed ranged from 2 to 4 kmph.

Weather forecast valid upto 23<sup>rd</sup> Oct'13

There is possibility of light rain the coming week.

Max temp is expected to be around 26°C - 28°C and min temp is expected to be around 18°C to 19°C.

Possibility of mainly clear sky the coming week

Relative Humidity will range from 46% to 98%

The wind speed 3- 4kmph

Wind direction will blow from southeasterly

Main	Stage	Pest/	Agro-meteorological Advisories
Crops		Diseases	
Field crops			
Upland	Harvesting	-	In case of storage of rice, the structure should be rat and moisture proof and should be
Rice	stage		airtight.
			Care should be taken to store different varieties of paddy separately to avoid their mixed up.
Lowland	Hard dough	Gundhi bug	Fixing of dead crabs, frogs or even pieces of jackfruit (Artocarpus heterophyllas) to
rice	stage		bamboo sticks in rice fields to attract and divert pests from sucking milk of rice
			grain
	Anthesis stage	Sheath	Monitor the plants against sheath blight. Proper sanitation should be maintained.
		blight	Weeds should be removed. Removal of infected stubbles or crop residues from the
			field is also recommended to reduce the amount of inoculum for the succeeding cropping season.
Maize	Sowing stage	-	It can be grown in any type of soil which is well drained and has good water holding
			capacity.
Mustard	Land	-	Heavy soils subjected to water logging should be avoided as the crop cannot tolerate
	preparation		such condition. Though the crop is grown during winter season and there is very little
			chance of water logging but still due to heavy winter rains the water may get
			accumulated and cause a temporary water logging.
Horticultur	ral crops		

	a.		T C .						
	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.					
	C 11	NT							
	Cabbage	Nursery		Early crops are best grown on heavier soil, while late crops thrive better on heavier					
		preparation		soils that are more retentive of moisture. On heavy soils, plants grow more slowly and					
				the keeping quality is improved.					
	Tomato	Nursery	_	Crop does well under an average monthly temperature of 21° C to 23°C but					
	2011000	preparation	1	commercially it may be grown at temperature ranging from 18° C to 27° C.					
		preparation		commercially it may be grown at temperature ranging from 18 °C to 27 °C.					
	Piggery	Check the herd for spotting out the sick animals and contact the veterinarian for necessary treatment.							
	Poultry	For proper health, deworming at 2-3 months interval is required.							
	1 outily		To prevent the spread of infection, safe disposal of dead /culled birds should be carried out whenever needed.						
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111	Fishery		Regular pond maintenance should be done. Extensive ponds should be fertilized regularly using either organic						
X\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\		fertilizers like o	fertilizers like chicken, cow, or pig manure, to maintain the plankton population in the pond. The fertilizers should be						
		either broadcas	either broadcast over the pond water surface or kept in sacks suspended from poles staked at certain portions along the						
		pond periphery	-	The same are the s					
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# Integrated Agromet Advisory Service Bulletin 19<sup>th</sup> to 23<sup>rd</sup> Oct'13 Tuensang District

## **Bulletin No:79/2013**

Weather summary of the preceding week
Light to moderate rain occurred the past week
Maximum and minimum temperatures ranged
25°C to 29°C and 2°C to 12°C, respectively.
Relative humidity varied from 27% to 98%.
Wind speed ranged from 2 to 4 kmph.

Weather forecast valid upto 23<sup>rd</sup> Oct'13

There is possibility of light rain the coming week.

Max temp is expected to be around 25°C - 279°C and min temp is expected to be around 15°C to 17°C.

Possibility of mainly cloudy sky the coming week

Relative humidity will range from 64% to 98% and

Wind speed 2-3 kmph

Wind direction will blow from southerly

<b>Main Crops</b>	Stage	Pest/	Agro-meteorological Advisories
		Diseases	
Field crops			
Upland Rice	Harvesting	-	In case of storage of rice, the structure should be rat and moisture proof and
	stage		should be airtight.
			Care should be taken to store different varieties of paddy separately to avoid their mixed up.
Lowland rice	Hard dough	Gundhi	Fixing of dead crabs, frogs or even pieces of jackfruit (Artocarpus
	stage	bug	heterophyllas) to bamboo sticks in rice fields to attract and divert pests from sucking milk of rice grain
	Anthesis	Sheath	Monitor the plants against sheath blight. Proper sanitation should be maintained.
	stage	blight	Weeds should be removed. Removal of infected stubbles or crop residues from
			the field is also recommended to reduce the amount of inoculum for the
			succeeding cropping season.
Maize	Sowing stage	-	It can be grown in any type of soil which is well drained and has good water holding capacity.
Mustard	Land	-	Heavy soils subjected to water logging should be avoided as the crop cannot
	preparation		tolerate such condition. Though the crop is grown during winter season and there
	1 1		is very little chance of water logging but still due to heavy winter rains the water
			may get accumulated and cause a temporary water logging.
Horticulture	al crops		
Rajmash	Seedling	-	Proper monitoring should be done against pest and disease.
	stage		
Cabbage	Nursery	-	Early crops are best grown on heavier soil, while late crops thrive better on

		preparation		heavier soils that are more retentive of moisture. On heavy soils, plants grow		
				more slowly and the keeping quality is improved.		
	Ginger	Vegetative	-	If few plants show symptoms of disease roguing has to be done.		
		stage				
	Potato	Land	Early blight	Proper sanitation should be maintained to prevent early blight. Weeds should not		
		preparation		be allowed to grow on borders of the field.		
	Tomato	Nursery	-	Crop does well under an average monthly temperature of 21°C to 23°C but		
	'	preparation		commercially it may be grown at temperature ranging from 18 <sup>o</sup> C to 27 <sup>o</sup> C.		
	Cucurbits	Fruiting to	_	Try to avoid injuries during harvesting and handling.		
	harvesting			January January Grant Company		
		stage				
	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.		
	Piggery	Check the her	d for spotting of	ut the sick animals and contact the veterinarian for necessary treatment.		
	00 2	potting (				
	Poultry			g at 2-3 months interval is required.		
		To prevent the spread of infection, safe disposal of dead /culled birds should be carried out whenever need				
\\\\///	Fishery	Regular pond maintenance should be done. Extensive ponds should be fertilized regularly using either organic				
XII	2 0010019			, or pig manure, to maintain the plankton population in the pond. The fertilizers		
				ver the pond water surface or kept in sacks suspended from poles staked at certain		
portions along the pond periphery.						
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# Integrated Agromet Advisory Service Bulletin 19<sup>th</sup> to 23<sup>rd</sup> Oct'13 Wokha District

Weather summary of the preceding week	Weather forecast valid upto 23 <sup>rd</sup> Oct'13
No rain occurred the past week.	There is possibility of no rain the coming week.
Maximum and minimum temperatures ranged from	
28°C to 32°C and 15°C to 17°C, respectively.	expected to be around 20°C to 21°C.
Relative humidity varied from 35% to 98%.	Possibility of mainly clear sky the coming week
Wind speed ranged from 2 to 5 kmph	Relative Humidity will range from 47% to 98%
	The wind speed 4– 5 kmph
	Wind direction will blow from southeasterly

Main Crops	Stage	Pest/	Agro-meteorological Advisories		
		Diseases			
Field crops					
Upland Rice	Harvesting	-	In case of storage of rice, the structure should be rat and moisture proof and		
	stage		should be airtight.		
			Care should be taken to store different varieties of paddy separately to avoid their mixed up.		
Lowland rice	Hard dough stage	Gundhi bug	Fixing of dead crabs, frogs or even pieces of jackfruit ( <i>Artocarpus heterophyllas</i> ) to bamboo sticks in rice fields to attract and divert pests from sucking milk of rice grain		
	Anthesis stage	Sheath blight	Monitor the plants against sheath blight. Proper sanitation should be maintained. Weeds should be removed. Removal of infected stubbles or crop residues from the field is also recommended to reduce the amount of inoculum for the succeeding cropping season.		
Maize	Sowing stage	-	It can be grown in any type of soil which is well drained and has good water holding capacity.		
Mustard	Land preparation	-	Heavy soils subjected to water logging should be avoided as the crop cannot tolerate such condition. Though the crop is grown during winter season and there is very little chance of water logging but still due to heavy winter rains the water may get accumulated and cause a temporary water logging.		
Horticultural cr	ops				
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	-	Early crops are best grown on heavier soil, while late crops thrive better on heavier soils that are more retentive of moisture. On heavy soils, plants grow more slowly and the keeping quality is improved.			
	Tomato	Nursery preparation	-	Crop does well under an average monthly temperature of 21° C to 23°C but commercially it may be grown at temperature ranging from 18° C to 27° C.			
	Piggery	Check the herd for spotting out the sick animals and contact the veterinarian for necessary treatment.					
	Poultry	For proper health, deworming at 2-3 months interval is required.  To prevent the spread of infection, safe disposal of dead /culled birds should be carried ou needed.					
भाकुअनुष ICAR	Fishery	Regular pond maintenance should be done. Extensive ponds should be fertilized regular organic fertilizers like chicken, cow, or pig manure, to maintain the plankton population if fertilizers should be either broadcast over the pond water surface or kept in sacks suspensively at a certain portions along the pond periphery.					







## **Integrated Agromet Advisory Service Bulletin 19th to 23rd Oct'13** Zunheboto District

## Bulletin No:79/2013

Weather summary of the preceding week	Weather forecast valid upto 23 <sup>rd</sup> Oct'13
No rain occurred the past week	There is possibility of light rain the coming week.
Maximum and minimum temperatures ranged from	
25°C to 31°C and 12°C to 15°C, respectively.	expected to be around 18 <sup>o</sup> C to 19 <sup>o</sup> C.
Relative humidity varied from 30% to 98%.	Possibility of partly cloudy sky the coming week
Wind speed ranged from 2 to 4 kmph.	Relative Humidity will range from 50% to 94%
	The wind speed 5- 6 kmph
	Wind direction will blow southeasterly

Main Crops	Stage	Pest/	Agro-meteorological Advisories	
		Diseases		
Field crops				
Upland Rice Harvesting -		-	In case of storage of rice, the structure should be rat and moisture proof and	
	stage		should be airtight.	
			Care should be taken to store different varieties of paddy separately to avoid their mixed up.	
Lowland rice	Hard dough stage	Gundhi bug	Fixing of dead crabs, frogs or even pieces of jackfruit ( <i>Artocarpus heterophyllas</i> ) to bamboo sticks in rice fields to attract and divert pests from sucking milk of rice grain	
	Anthesis stage	Sheath blight	Monitor the plants against sheath blight. Proper sanitation should be maintained. Weeds should be removed. Removal of infected stubbles or crop residues from the field is also recommended to reduce the amount of inoculum for the succeeding cropping season.	
Maize	Sowing stage	-	It can be grown in any type of soil which is well drained and has good water holding capacity.	
Mustard	Land preparation	-	Heavy soils subjected to water logging should be avoided as the crop cannot tolerate such condition. Though the crop is grown during winter season and there is very little chance of water logging but still due to heavy winter rains the water may get accumulated and cause a temporary water logging.	
Horticultural	crops			
Cabbage	Nursery preparation	-	Early crops are best grown on heavier soil, while late crops thrive better on heavier soils that are more retentive of moisture. On heavy soils, plants grow	

more slowly and the keeping quality is improved.

	Citrus	_	Leaf miner	Causes damages both in nursery and in grown up stages of the citrus plant.	
	Ciii us		Lear miner	Larvae attack tender leaves and feed in the epidermal layers of the leaf by	
				making serpentine mines. Affected leaves turn pale yellow, get distorted and	
				crumpled which gradually dry and die away.	
				Weekly monitoring on pest are advised.	
	Tomato	Nursery	-	Crop does well under an average monthly temperature of 21° C to 23°C but	
		preparation		commercially it may be grown at temperature ranging from 18 <sup>o</sup> C to 27 <sup>o</sup> C.	
	Potato	Land	Early	Proper sanitation should be maintained to prevent early blight. Weeds should	
		preparation	blight	not be allowed to grow on borders of the field.	
	Piggery	Check the herd for spotting out the sick animals and contact the veterinarian for necessary treatment.			
	Poultry	For proper heal	For proper health, deworming at 2-3 months interval is required.		
	,	To prevent the spread of infection, safe disposal of dead /culled birds should be carried out whenever needed.			
W - W	Fishery			nould be done. Extensive ponds should be fertilized regularly using either organic or pig manure, to maintain the plankton population in the pond. The fertilizers	
X\\\ <b>\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\</b>					
		should be either broadcast over the pond water surface or kept in sacks suspended from poles staked at certain portions along the pond periphery.			
		portions along	tne pona perip	nery.	
нфзіч					
ICAR					





# Integrated Agromet Advisory Service Bulletin 19<sup>th</sup> to 23<sup>rd</sup> Oct'13 Dimapur District

Weather summary of the preceding week			Weather forecast valid upto 23 <sup>rd</sup> Oct'13		
Light rain occurred the past week.  Maximum and minimum temperatures ranged 28°C to 33°C and 17°C to 18°C, respectively.  Relative humidity varied from 36% to 94%.  Wind speed ranged from 2 to 5 kmph.			There is possibility of no rain the coming week.  Max temp is expected to be around 31°C - 33°C and min temp is expected to be around 20°C to 21°C.  Possibility of mainly clear sky the coming week  Relative Humidity will range from 46% to 98% and Wind speed 2– 3 kmph  Wind direction will be from southeasterly		
<b>Main Crops</b>	Stage	Pest/ diseases	Agro-meteorological Advisories		
Field crops					
Lowland rice	Hard dough stage	Gundhi bug	Fixing of dead crabs, frogs or even pieces of jackfruit ( <i>Artocarpus heterophyllas</i> ) to bamboo sticks in rice fields to attract and divert pests from sucking milk of rice grain		
	Anthesis stage	Sheath blight	Monitor the plants against sheath blight. Proper sanitation show maintained. Weeds should be removed. Removal of infected stubb crop residues from the field is also recommended to reduce the amo inoculum for the succeeding cropping season.		
Maize	Sowing stage	-	It can be grown in any type of soil which is well drained and has good water holding capacity.		
Mustard	Land preparation	-	Heavy soils subjected to water logging should be avoided as the crop cannot tolerate such condition. Though the crop is grown during winter season and there is very little chance of water logging but still due to heavy winter rains the water may get accumulated and cause a temporary water logging.		
Horticultura	l crops				
Ginger Vegetative - If few stage		-	If few plants show symptoms of disease roguing has to be done.		
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		Early crops are best grown on heavier soil, while late crops thrive better on
	Cabbage	•		, 1
		preparation		heavier soils that are more retentive of moisture. On heavy soils, plants
				grow more slowly and the keeping quality is improved.
	Tomato	Nursery	-	Crop does well under an average monthly temperature of 21°C to 23°C but
		preparation		commercially it may be grown at temperature ranging from 18 <sup>o</sup> C to 27 <sup>o</sup> C.
	Piggery	Check the herd for spotting out the sick animals and contact the veterinarian for necessary treatment.		
	Poultry	For proper health, deworming at 2-3 months interval is required.  To prevent the spread of infection, safe disposal of dead /culled birds should be carried out whenever needed.		
		1 1		
нір'зніц ІСАК	Fishery	Regular pond maintenance should be done. Extensive ponds should be fertilized regularly using either organic fertilizers like chicken, cow, or pig manure, to maintain the plankton population in the pond. The fertilizers should be either broadcast over the pond water surface or kept in sacks suspended from poles staked at certain portions along the pond periphery.		