



# Integrated Agromet Advisory Service Bulletin 12<sup>th</sup> to 16<sup>th</sup> Oct'13 Dimapur District

#### **Bulletin No:78/2013**

Weathe	er summary of the pro	eceding week	Weather forecast valid upto 16 <sup>th</sup> Oct'13		
Maximum and 30°C and 16°C Relative humic	ate rain occurred the minimum temperate to 18°C, respectively lity varied from 39% anged from 2 to 3 kmp	ures ranged 27°C v. to 98%.	There is possibility of no rain the coming week.  Max temp is expected to be around 32°C - 33°C and min temp is expected to be around 17°C to 19°C.  Possibility of mainly clear sky the coming week  Relative Humidity will range from 36% to 91% and Wind speed 2– 4 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 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.		
Horticultura	l crops				
Ginger Vegetative 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.		

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	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.	
	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			2-3 months interval is required.  n, safe disposal of dead /culled birds should be carried out whenever needed.	
нрэнц ICAR	Fishery	organic fertilizer fertilizers should	rs like chicken, of d be either broad	ald be done. Extensive ponds should be fertilized regularly using either cow, or pig manure, to maintain the plankton population in the pond. The deast over the pond water surface or kept in sacks suspended from poles ne pond periphery.	



Cabbage

Nursery

preparation



### Integrated Agromet Advisory Service Bulletin 12<sup>th</sup> to 16<sup>th</sup> Oct'13 Kiphire District

### **Bulletin No: 78/2013**

Weather summary of the preceding week	Weather forecast valid upto 16 <sup>th</sup> Oct'13
Light rain occurred the past week.	There is possibility of no rain the coming week.
Maximum and minimum temperatures ranged from	
18°C to 21°C and 7°C to 16°C, respectively.	be around 6°C to 10°C.
Relative humidity varied from 42% to 98%.	Possibility of mainly cloudy sky the coming week
Wind speed ranged from 2 to 3 kmph.	Relative Humidity will range from 25% to 97%
	The wind speed 2- 4kmph
	Wind direction will blow from southeasterly

<b>Main Crops</b>	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	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	he sick animals and contact the veterinarian for necessary treatment.		
	Poultry	For proper health, o	deworming 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.		
\\\\ <del>\</del>	Fishery	Regular pond maintenance should be done. Extensive ponds should be fertilized regularly using either organic				
X11\202//X		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.				
भाकुअनुप						
ICAR						





### **Integrated Agromet Advisory Service Bulletin 12<sup>th</sup> to 16<sup>th</sup> Oct'13** Kohima District

Bulletin No:78/2013						
Weather	r summary of the pr	eceding week	Weather forecast valid upto 16 <sup>th</sup> Oct'13			
Light to moderate rain occurred the past week.  Maximum and minimum temperatures ranged from 23°C to 27°C and 13°C to 15°C, respectively.  Relative humidity varied from 42% to 89%.  Wind speed ranged from 2 to 4 kmph.			There is possibility of no rain the coming week.  Max temp is expected to be around 30°C - 33°C and min temp is expected to be around 10°C to 12°C.  Possibility of mainly cloudy sky the coming week  Relative Humidity will range from 30% to 95%  Wind speed 2- 5 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. Fungus can attack the leaves, collars, nodes and panicles of rice plants. Blast Inflorescence Scout fields for leaf blast symptoms. If leaf blast is present, a preventative stage fungicide application should be considered Maize should be intercropped with legumes to reduce the incidence of **Maize** Sowing stage insect pest. Land preparation should be carried out. Mustard Land preparation

пописинитан	ногисишта сторѕ						
Citrus - Leaf miner		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				
	preparation		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	Animals to be scr	reened for dise	eases like pneumonia, nasal discharge, wound and injuries regularly and the		
		services of veterin	ary doctor be t	taken for treatment.		
	Poultry	As per the previous	ous experience	e, there is a high risk of occurrence of Avian influenza after monsoon,		
		therefore, there is	an immediate	need that all the poultry farmers should keep a watch on any unusual sickness		
		or mortality in birds and should informed the nearest concerned authorities without any loss of time for				
	Dariana	control of the dise		an manage we estimation calculate and to a sect their cottle from vival and be starial		
1111	Dairy			er <b>proper vaccination schedule</b> to protect their cattle from viral and bacterial		
What		diseases. Additionally ensure proper de-worming to protect the cattle from worm infestation. They should be				
		provided clean drinking water. Contact nearby veterinarian officer for measures against adverse conditions.				
भाकअनुप						
ICAR						





### **Integrated Agromet Advisory Service Bulletin 12<sup>th</sup> to 16<sup>th</sup> Oct'13** Longleng District

<b>Bulletin No:7</b>	Bulletin No:78/2013						
Weather su	mmary of the preceding	week	Weather forecast valid upto 16 <sup>th</sup> Oct'13				
Light rain occurred the past week.  Maximum and minimum temperatures ranged from 20°C to 29°C and 12°C to 18°C, respectively.  Relative humidity varied from 40% to 97%.  Wind speed ranged from 2 to 4 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 14°C to 15°C.  Possibility of mainly clear sky the coming week  Relative Humidity will range from 34% to 97%  The wind speed 2 –5 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 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.

	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.
	Poultry		orming at 2-3 months interval is required. of infection, safe disposal of dead /culled birds should be carried out whenever needed.
нкранц ICAR	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 12<sup>th</sup> to 16<sup>th</sup> Oct'13 Mokokchung District

**Bulletin No: 78/2013** 

Weather summary of the preceding week			Weather forecast valid upto 16 <sup>th</sup> Oct'13
	ite rain occurred the		There is possibility of no rain the coming week.
Maximum and minimum temperatures ranged 20°C			Max temp is expected to be around 30°C - 31°C and min temp is expected to be
	C to 18 <sup>0</sup> C, respective		around 14°C to 17°C.
	ty varied from 41%		Possibility of mainly clear sky the coming week
Wind speed ran	ged from 2 to 4 kmp	h.	Relative Humidity will range from 36% to 96% and
			Wind speed 2 – 6 kmph Wind direction will blow from southeasterly.
Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
Wall Crops	Stage	1 est/ 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
			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
Maize	Sowing stage		for the succeeding cropping season.  It can be grown in any type of soil which is well drained and has good water
waize	Sowing stage	-	holding capacity.
Mustard	Land preparation	_	Heavy soils subjected to water logging should be avoided as the crop cannot
manusius u	Lana proparation		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	l crops		
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 <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.		
	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.  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.			
/	Poultry					
)	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.				







### Integrated Agromet Advisory Service Bulletin from 12<sup>th</sup> to 16<sup>th</sup> Oct'13 Mon District

#### **Bulletin No:78/2013**

<ul> <li>Light to moderate rain occurred the past week</li> <li>Maximum and minimum temperatures ranged 20°C to 28°C and 10°C to 17°C, respectively.</li> <li>Relative humidity varied from 40% to 98%.</li> <li>Wind speed ranged from 2 to 4 kmph.</li> <li>Possibility of no rain the next five days.</li> <li>The max temp is likely to be 29°C - 32°C and the min temp 11°C.</li> <li>Sky is likely to be mainly clear the coming week</li> <li>Relative Humidity is likely to range from 30% to 98%</li> <li>Wind speed may reach upto 2- 4 kmph</li> <li>Wind direction will be from southeasterly</li> </ul>	°C - 13°C.
20°C to 28°C and 10°C to 17°C, respectively.  Relative humidity varied from 40% to 98%.  Wind speed ranged from 2 to 4 kmph.  Sky is likely to be mainly clear the coming week  Relative Humidity is likely to range from 30% to 98%  Wind speed may reach upto 2- 4 kmph	°C - 13°C.
<ul> <li>Relative humidity varied from 40% to 98%.</li> <li>Wind speed ranged from 2 to 4 kmph.</li> <li>Relative Humidity is likely to range from 30% to 98%</li> <li>Wind speed may reach upto 2- 4 kmph</li> </ul>	
■ Wind speed ranged from 2 to 4 kmph. ■ Wind speed may reach upto 2- 4 kmph	
■ Wind direction will be from southeasterly	
Willia direction will be from southeasterry	
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 (A	_
heterophyllas) to bamboo sticks in rice fields to attract and d	ivert pests
from sucking milk of rice grain	
Anthesis stage   Sheath   Monitor the plants against sheath blight. Proper sanitation	
blight maintained. Weeds should be removed. Removal of infected s	
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 c	-
tolerate such condition. Though the crop is grown during winter	
there is very little chance of water logging but still due to heavy v	
the water may get accumulated and cause a temporary water loggi	ing.
Horticultural crops	
Cabbage Nursery - Early crops are best grown on heavier soil, while late crops thriv	
preparation heavier soils that are more retentive of moisture. On heavy so	oils, 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	ht. Weeds
should not 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.				
	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.						
нірэніі ІСАК	Fishery	fertilizers like chic	ken, cow, or poadcast over th	be done. Extensive ponds should be fertilized regularly using either organic ig manure, to maintain the plankton population in the pond. The fertilizers e pond water surface or kept in sacks suspended from poles staked at certain				





### Integrated Agromet Advisory Service Bulletin 12<sup>th</sup> to 16<sup>th</sup> Oct'13 Peren District

<b>Bulletin No:7</b> 8	8/2013				
Weather sun	nmary of the preced	ding week	Weather forecast valid upto 16 <sup>th</sup> Oct'13		
Light rain occurred the past week.  Maximum and minimum temperature range from 24°C to 29°C and 15°C to 17°C, respectively.  Relative humidity varied from 41% to 98%.  Wind speed ranged from 2 to 4 kmph.			There is possibility of no rain the coming week.  Max temp is expected to be around 30°C - 32°C and min temp is expected to be around 12°C to 14°C.  Possibility of mainly cloudy sky the coming week  Relative Humidity will range from 31% to 98%  The wind speed may reach upto 2 - 5 kmph  Wind direction will blow from southeasterly		
Main Crops	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 ( <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.		
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>					
Ginger	Vegetative 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 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	or 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.					
भाकुअनुष ICAR	uld be done. Extensive ponds should be fertilized regularly using either organic r pig manure, to maintain the plankton population in the pond. The fertilizers the pond water surface or kept in sacks suspended from poles staked at certain ery.							





### Integrated Agromet Advisory Service Bulletin 12<sup>th</sup> to 16<sup>th</sup> Oct'13 Phek District

#### **Bulletin No: 78/2013**

Weather summary of the preceding week

Light to moderate rain occurred the past week

Maximum and minimum temperatures ranged from 22°C to 27°C and 10°C to 17°C, respectively.

Relative humidity varied from 41% to 98%.

Wind speed ranged from 2 to 3 kmph.

Weather forecast valid upto 16th Oct'13

There is possibility of no rain the coming week.

Max temp is expected to be around 27°C - 31°C and min temp is expected to be around 10°C to 12°C.

Possibility of mainly clear sky the coming week

Relative Humidity will range from 26% to 95%

The wind speed 2- 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	al crops		

	G!.		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 heal	th deworming	at 2-3 months interval is required.			
	1 outily			tion, safe disposal of dead /culled birds should be carried out whenever needed.			
1111							
111	Fishery			hould be done. Extensive ponds should be fertilized regularly using either organic			
X\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\		fertilizers like o	chicken, cow, o	or pig manure, to maintain the plankton population in the pond. The fertilizers should be			
		either broadcas	t 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			
		polici periplici y					
ифици ICAR							





### Integrated Agromet Advisory Service Bulletin 12<sup>th</sup> to 16<sup>th</sup> Oct'13 Tuensang District

#### **Bulletin No:78/2013**

Weather summary of the preceding week
Light to moderate rain occurred the past week
Maximum and minimum temperatures ranged
17°C to 23°C and 4°C to 14°C, respectively.
Relative humidity varied from 42% to 98%.
Wind speed ranged from 2 to 4 kmph.

Weather forecast valid upto 16<sup>th</sup> Oct'13

There is possibility of no rain the coming week.

Max temp is expected to be around 27°C - 29°C and min temp is expected to be around 2°C to 10°C.

Possibility of mainly cloudy sky the coming week

Relative humidity will range from 27% to 98% and

Wind speed 2 – 4 kmph

Wind direction will blow from southerly

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	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
	stage		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
	r · r · · · · ·		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		
Rajmash	Seedling stage	-	Proper monitoring should be done against pest and disease.
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 - I		-	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			
	20110000	preparation		commercially it may be grown at temperature ranging from 18° C to 27° C.			
	Cucurbits	Fruiting to	_	Try to avoid injuries during harvesting and handling.			
	Cucurous	harvesting		Try to avoid injuries during harvesting and handing.			
		stage					
	Citrus	stage	Leaf miner	Causes damages both in nursery and in grown up stages of the citrus plant.			
	Curus	_	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.			
	Piggery	Chack the here	d for spotting o	but the sick animals and contact the veterinarian for necessary treatment.			
	1 iggery	Check the here	u for spotting c	at the sex animals and contact the vetermarian for necessary treatment.			
				· ·			
	Poultry	For proper hea	alth, dewormin	g at 2-3 months interval is required.			
		To prevent the	spread of infe	ection, safe disposal of dead /culled birds should be carried out whenever needed.			
1111	T. 1	D 1 1	• .				
\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	Fishery			hould be done. Extensive ponds should be fertilized regularly using either organic			
X\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\		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.					
		portions along	the pond peril	phery.			
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ICAR							





### Integrated Agromet Advisory Service Bulletin 12<sup>th</sup> to 16<sup>th</sup> Oct'13 Wokha District

#### **Bulletin No:78/2013**

Weather summary of the preceding week	Weather forecast valid upto 16 <sup>th</sup> Oct'13
Light to moderate rain occurred the past week.	There is possibility of no rain the coming week.
Maximum and minimum temperatures ranged from	
21°C to 29°C and 13°C to 18°C, respectively.	expected to be around 14 <sup>o</sup> C to 17 <sup>o</sup> C.
Relative humidity varied from 40% to 98%.	Possibility of mainly clear sky the coming week
Wind speed ranged from 2 to 3 kmph	Relative Humidity will range from 35% to 97%
	The wind speed 2– 4 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	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	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	-	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
	1 1		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		
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			ng at 2-3 months interval is required.  Infection, safe disposal of dead /culled birds should be carried out whenever			
आकुअनुष ICAR	Fishery	Regular pond maintenance should be done. Extensive ponds should be fertilized regularly us organic fertilizers like chicken, cow, or pig manure, to maintain the plankton population in the fertilizers should be either broadcast over the pond water surface or kept in sacks suspended f staked at certain portions along the pond periphery.					







## Integrated Agromet Advisory Service Bulletin 12<sup>th</sup> to 16<sup>th</sup> Oct'13 Zunheboto District

#### **Bulletin No:78/2013**

Weather summary of the preceding week	Weather forecast valid upto 16 <sup>th</sup> Oct'13
Light to moderate rain occurred the past week	There is possibility of no rain the coming week.
Maximum and minimum temperatures ranged from	
$22^{0}$ C to $27^{0}$ C and $10^{0}$ C to $17^{0}$ C, respectively.	expected to be around 12 <sup>o</sup> C to 14 <sup>o</sup> C.
Relative humidity varied from 41% to 99%.	Possibility of partly cloudy sky the coming week
Wind speed ranged from 2 to 4 kmph.	Relative Humidity will range from 30% to 94%
	The wind speed 2- 5 kmph
	Wind direction will blow southeasterly

Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
Field arong		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
	stage 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	-	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 crops			
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.
	Curus		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 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	Regular pond maintenance should be done. Extensive ponds should be fertilized regularly using either organic		
Whenty	fertilizers like chicken, cow, or pig manure, to maintain the plankton population in the pond. The fertiliz should be either broadcast over the pond water surface or kept in sacks suspended from poles staked at cert portions along the pond periphery.			
		portions along	ine pond pemp	mory.
Marsaran				
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