




Integrated Agromet Advisory Service Bulletin 19th to 23rd Oct'13

Kiphire District

Bulletin No:79/2013

Weather summary of the preceding week			Weather forecast valid upto 23 rd Oct'13
<p>No rain occurred the past week. Maximum and minimum temperatures ranged from 27⁰C to 29⁰C and 6⁰C to 16⁰C, respectively. Relative humidity varied from 25% to 89%. Wind speed ranged from 2 to 4 kmph.</p>			<p>There is possibility of light rain the coming week. Max temp is expected to be around 25⁰C - 27⁰C and min temp is expected to be around 15⁰C to 17⁰C. Possibility of mainly cloudy sky the coming week Relative Humidity will range from 51% to 98% The wind speed 2- 3kmph Wind direction will blow from southeasterly</p>
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			
Rajmash	Seedling stage	-	Proper monitoring should be done against pest and diseases.
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.
	<i>Citrus</i>	-	Leaf miner	Causes damages both in nursery and in grown up stages of the citrus plant. Larvae attack tender leaves and feed in the epidermal layers of the leaf by making serpentine mines. Affected leaves turn pale yellow, get distorted and crumpled which gradually dry and die away. Weekly monitoring on pest are advised.
	<i>Tomato</i>	Nursery preparation	-	Crop does well under an average monthly temperature of 21 ⁰ C to 23 ⁰ C but commercially it may be grown at temperature ranging from 18 ⁰ C to 27 ⁰ C.
	<i>Potato</i>	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.
	<i>Piggery</i>	Check the herd for spotting out the sick animals and contact the veterinarian for necessary treatment.		
	<i>Poultry</i>	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.		
	<i>Fishery</i>	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 19th to 23rd Oct'13 Kohima District

Bulletin No:79/2013

Weather summary of the preceding week			Weather forecast valid upto 23 rd Oct'13
<p>Light rain occurred the past week. Maximum and minimum temperatures ranged from 27⁰C to 33⁰C and 10⁰C to 15⁰C, respectively. Relative humidity varied from 30% to 98%. Wind speed ranged from 2 to 4 kmph.</p>			<p>There is possibility of light rain the coming week. Max temp is expected to be around 28⁰C - 30⁰C and min temp is expected to be around 20⁰C to 21⁰C. 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</p>
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 preventative 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 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.
	<i>Tomato</i>	Nursery preparation	-	Crop does well under an average monthly temperature of 21 ⁰ C to 23 ⁰ C but commercially it may be grown at temperature ranging from 18 ⁰ C to 27 ⁰ C.
	<i>Potato</i>	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.
	<i>Livestock</i>	Animals to be screened for diseases like pneumonia, nasal discharge, wound and injuries regularly and the services of veterinary doctor be taken for treatment.		
	<i>Poultry</i>	As per the previous experience, 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 control of the disease.		
	<i>Dairy</i>	Farmers are advised to administer proper vaccination schedule to protect their cattle from viral and bacterial 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.		




Integrated Agromet Advisory Service Bulletin 19th to 23rd Oct'13

Longleng District

Bulletin No:79/2013

<i>Weather summary of the preceding week</i>			<i>Weather forecast valid upto 23rd Oct'13</i>
<p>No rain occurred the past week. Maximum and minimum temperatures ranged from 28⁰C to 33⁰C and 15⁰C to 17⁰C, respectively. Relative humidity varied from 34% to 95%. Wind speed ranged from 2 to 6 kmph.</p>			<p>There is possibility of light rain the coming week. Max temp is expected to be around 29⁰C - 30⁰C and min temp is expected to be around 20⁰C to 21⁰C. Possibility of mainly clear sky the coming week Relative Humidity will range from 48% to 97% The wind speed 4 –5 kmph Wind direction will blow from southeasterly</p>
Main Crops	Stage	Pest/ diseases	Agro-meteorological Advisories
Field crops			
Upland Rice	Harvesting stage	-	<p>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.</p>
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 ⁰ C to 23 ⁰ C but commercially it may be grown at temperature ranging from 18 ⁰ C to 27 ⁰ 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.		
	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 19th to 23rd Oct'13

Mokokchung District

Bulletin No: 79/2013

Weather summary of the preceding week			Weather forecast valid upto 23 rd Oct'13
<p>Light to moderate rain occurred the past week</p> <p>Maximum and minimum temperatures ranged 27⁰C to 31⁰C and 14⁰C to 16⁰C, respectively.</p> <p>Relative humidity varied from 48% to 98%.</p> <p>Wind speed ranged from 2 to 3 kmph.</p>			<p>There is possibility of light rain the coming week.</p> <p>Max temp is expected to be around 28⁰C - 29⁰C and min temp is expected to be around 20⁰C to 21⁰C.</p> <p>Possibility of mainly clear sky the coming week</p> <p>Relative Humidity will range from 50% to 98% and</p> <p>Wind speed 5 – 6 kmph</p> <p>Wind direction will blow from southeasterly.</p>
Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
Field crops			
Upland Rice	Harvesting stage	-	<p>In case of storage of rice, the structure should be rat and moisture proof and should be airtight.</p> <p>Care should be taken to store different varieties of paddy separately to avoid their mixed up.</p>
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 for pest and diseases.
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.
	<i>Citrus</i>	-	Leaf miner	Causes damages both in nursery and in grown up stages of the citrus plant. Larvae attack tender leaves and feed in the epidermal layers of the leaf by making serpentine mines. Affected leaves turn pale yellow, get distorted and crumpled which gradually dry and die away. Weekly monitoring on pest are advised.
	<i>Tomato</i>	Nursery preparation	-	Crop does well under an average monthly temperature of 21 ⁰ C to 23 ⁰ C but commercially it may be grown at temperature ranging from 18 ⁰ C to 27 ⁰ C.
	<i>Potato</i>	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.
	<i>Piggery</i>	Check the herd for spotting out the sick animals and contact the veterinarian for necessary treatment.		
	<i>Poultry</i>	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.		
	<i>Fishery</i>	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 19th to 23rd Oct'13 Mon District

Bulletin No:79/2013


Weather summary of the preceding week

- No rain occurred the past week
- **Maximum** and **minimum temperatures** ranged 25⁰C to 32⁰C and 11⁰C to 16⁰C, respectively.
- **Relative humidity** varied from 30% to 98%.
- **Wind speed** ranged from 2 to 7 kmph.

Weather forecast valid upto 23rd Oct '13

- Possibility of light rain the next five days.
- The **max temp** is likely to be 27⁰C - 28⁰C and the **min temp** 16⁰C - 17⁰C.
- **Sky is likely to be mainly clear the coming week**
- **Relative Humidity** is likely to range from 48% to 98%
- **Wind speed** may reach upto 3- 4 kmph
- **Wind direction** will be from southeasterly

Main Crops	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.
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.
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 ⁰ C to 23 ⁰ C but commercially it may be grown at temperature ranging from 18 ⁰ C to 27 ⁰ 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.		
	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 19th to 23rd Oct'13

Peren District

Bulletin No:79/2013

Weather summary of the preceding week			Weather forecast valid upto 23rd Oct'13
<p>Light rain occurred the past week. Maximum and minimum temperature range from 29⁰C to 32⁰C and 14⁰C to 16⁰C, respectively. Relative humidity varied from 31% to 98%. Wind speed ranged from 2 to 4 kmph.</p>			<p>There is possibility of light rain the coming week. Max temp is expected to be around 28⁰C - 30⁰C and min temp is expected to be around 20⁰C to 21⁰C. 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</p>
Main Crops	Stage	Pest/ diseases	Agro-meteorological Advisories
Field crops			
Upland Rice	Harvesting stage	-	<p>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.</p>
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			
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 ⁰ C to 23 ⁰ C but commercially it may be grown at temperature ranging from 18 ⁰ C to 27 ⁰ 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.		
	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 19th to 23rd Oct'13

Phek District

Bulletin No: 79/2013

Weather summary of the preceding week

No rain occurred the past week
Maximum and **minimum temperatures** ranged from 25⁰C to 31⁰C and 11⁰C to 15C, respectively.
Relative humidity varied from 26% to 98%.
Wind speed ranged from 2 to 4 kmph.

Weather forecast valid upto 23rd Oct'13

There is possibility of light rain the coming week.
Max temp is expected to be around 26⁰C - 28⁰C and **min temp is expected to be around 18⁰C to 19⁰C.**
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 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

	<i>Citrus</i>	-	Leaf miner	Causes damages both in nursery and in grown up stages of the citrus plant. Larvae attack tender leaves and feed in the epidermal layers of the leaf by making serpentine mines. Affected leaves turn pale yellow, get distorted and crumpled which gradually dry and die away. Weekly monitoring on pest are advised.
	<i>Cabbage</i>	Nursery preparation	-	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.
	<i>Tomato</i>	Nursery preparation	-	Crop does well under an average monthly temperature of 21 ⁰ C to 23 ⁰ C but commercially it may be grown at temperature ranging from 18 ⁰ C to 27 ⁰ C.
	<i>Piggery</i>	Check the herd for spotting out the sick animals and contact the veterinarian for necessary treatment.		
	<i>Poultry</i>	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.		
	<i>Fishery</i>	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 19th to 23rd Oct'13

Tuensang District

Bulletin No:79/2013

<i>Weather summary of the preceding week</i>		<i>Weather forecast valid upto 23rd Oct'13</i>	
Light to moderate rain occurred the past week Maximum and minimum temperatures ranged 25 ⁰ C to 29 ⁰ C and 2 ⁰ C to 12 ⁰ C, respectively. Relative humidity varied from 27% 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 25 ⁰ C - 27 ⁹ °C and min temp is expected to be around 15 ⁰ C to 17 ⁰ 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	
Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
Field crops			
<i>Upland Rice</i>	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.
<i>Lowland rice</i>	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.
<i>Maize</i>	Sowing stage	-	It can be grown in any type of soil which is well drained and has good water holding capacity.
<i>Mustard</i>	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			
<i>Rajmash</i>	Seedling stage	-	Proper monitoring should be done against pest and disease.
<i>Cabbage</i>	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.
	<i>Ginger</i>	Vegetative stage	-	If few plants show symptoms of disease roguing has to be done.
	<i>Potato</i>	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.
	<i>Tomato</i>	Nursery preparation	-	Crop does well under an average monthly temperature of 21 ⁰ C to 23 ⁰ C but commercially it may be grown at temperature ranging from 18 ⁰ C to 27 ⁰ C.
	<i>Cucurbits</i>	Fruiting to harvesting stage	-	Try to avoid injuries during harvesting and handling.
	<i>Citrus</i>	-	Leaf miner	Causes damages both in nursery and in grown up stages of the citrus plant. Larvae attack tender leaves and feed in the epidermal layers of the leaf by making serpentine mines. Affected leaves turn pale yellow, get distorted and crumpled which gradually dry and die away. Weekly monitoring on pest are advised.
	<i>Piggery</i>	Check the herd for spotting out the sick animals and contact the veterinarian for necessary treatment.		
	<i>Poultry</i>	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.		
	<i>Fishery</i>	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 19th to 23rd Oct'13

Wokha District

Bulletin No:79/2013


Weather summary of the preceding week

No rain occurred the past week.
 Maximum and minimum temperatures ranged from 28°C to 32°C and 15°C to 17°C, respectively.
 Relative humidity varied from 35% to 98%.
 Wind speed ranged from 2 to 5 kmph

Weather forecast valid upto 23rd Oct'13

There is possibility of no rain the coming week.
 Max temp is expected to be around 29°C - 30°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 47% to 98%
 The wind speed 4– 5 kmph
 Wind direction will blow from southeasterly

Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
<i>Field crops</i>			
<i>Upland Rice</i>	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.
<i>Lowland rice</i>	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.
<i>Maize</i>	Sowing stage	-	It can be grown in any type of soil which is well drained and has good water holding capacity.
<i>Mustard</i>	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.
<i>Horticultural crops</i>			
<i>Citrus</i>	-	Leaf miner	Causes damages both in nursery and in grown up stages of the citrus plant. Larvae attack tender leaves and feed in the epidermal layers of the leaf by making serpentine mines. Affected leaves turn pale yellow, get distorted and

				crumpled which gradually dry and die away. Weekly monitoring on pest are advised.
	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 ⁰ C to 23 ⁰ C but commercially it may be grown at temperature ranging from 18 ⁰ C to 27 ⁰ 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.		
	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 19th to 23rd Oct'13 Zunheboto District

Bulletin No:79/2013

Weather summary of the preceding week			Weather forecast valid upto 23 rd Oct'13
<p>No rain occurred the past week Maximum and minimum temperatures ranged from 25⁰C to 31⁰C and 12⁰C to 15⁰C, respectively. Relative humidity varied from 30% to 98%. Wind speed ranged from 2 to 4 kmph.</p>			<p>There is possibility of light rain the coming week. Max temp is expected to be around 26⁰C - 27⁰C and min temp is expected to be around 18⁰C to 19⁰C. Possibility of partly cloudy sky the coming week Relative Humidity will range from 50% to 94% The wind speed 5- 6 kmph Wind direction will blow southeasterly</p>
Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
Field crops			
Upland Rice	Harvesting stage	-	<p>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.</p>
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. 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 ⁰ C to 23 ⁰ C but commercially it may be grown at temperature ranging from 18 ⁰ C to 27 ⁰ 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 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 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 19th to 23rd Oct'13

Dimapur District

Bulletin No:79/2013


Weather summary of the preceding week

Light rain occurred the past week.
Maximum and **minimum temperatures** ranged 28⁰C to 33⁰C and 17⁰C to 18⁰C, respectively.
Relative humidity varied from 36% to 94%.
Wind speed ranged from 2 to 5 kmph.

Weather forecast valid upto 23rd Oct'13

There is possibility of no rain the coming week.
Max temp is expected to be around 31⁰C - 33⁰C and **min temp** is expected to be around 20⁰C to 21⁰C.
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

Main Crops	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.
Horticultural 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.

	<i>Cabbage</i>	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.
	<i>Tomato</i>	Nursery preparation	-	Crop does well under an average monthly temperature of 21 ⁰ C to 23 ⁰ C but commercially it may be grown at temperature ranging from 18 ⁰ C to 27 ⁰ C.
	<i>Piggery</i>	Check the herd for spotting out the sick animals and contact the veterinarian for necessary treatment.		
	<i>Poultry</i>	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.		
	<i>Fishery</i>	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.		