



# Integrated Agromet Advisory Service Bulletin from 28<sup>th</sup> Feb to 4<sup>th</sup> March'18 Dimapur District

### **Bulletin No:17/2018**

Weather summary of the preceding week	Weather forecast valid upto 4 <sup>th</sup> March 2018
light rain occurred the past week	■ Probability of no rain the coming week.
■ Maximum and minimum temperatures ranged 24 <sup>0</sup> C to	■ Max temp is likely to be 23 <sup>o</sup> C - 24 <sup>o</sup> C and the min temp 12 <sup>o</sup> C to 13 <sup>o</sup> C
25°C and 12°C to 13°C, respectively.	■ Sky is likely to be clear the coming week
Relative humidity varied from 22% to 88%.	■ <b>Relative Humidity</b> is likely to range from 21% to 78%.
■ Wind speed ranged from 2 to 3 kmph	■ Wind speed may reach upto 3- 4 kmph
	Wind direction will be easterly

### **General Recommendations**

• Remove disease infected plants parts from the field. Removing infected fruit and plant debris from the field can reduce the amount of pathogen inoculum that could move into the healthy plant parts. As soon as symptoms appear, collect, bag and destroy or pile diseased material away from fields

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•			T: 11
			Field crops
Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
Green gram, summer maize			Land preparation should be started
Toria	Harvesting stage	-	Harvesting should be carried out when the pods turn yellow and it should preferably be done in the early hours during morning as the moisture accumulated during night prevent the splitting of pods
Rabi maize	Harvesting stage		Weather will be favorable for harvesting
Linseed/lentil	Maturing stage		Soil moisture conservation techniques like mulching with crop residue is recommended
			Horticultural crop
Khasi mandarin	Harvesting stage		At harvest, carefully pick only healthy produce and avoid any mechanical damage on the fruit or other plant parts harvested. Damage such as small wounds or bruises can be the point of entrance of microorganisms that can compromise fruit quality while in transit or storage
Vegetables	Harvesting		Harvesting should be carried out.

Cabbage,  Harvesting stage  Bark eating caterpillar  Bark eating caterpillar  Cabbage when heads are firm but tender. Cabbage and caulify be stored at 0-2°C for four to six weeks  The caterpillar bore inside the trunk or main stem. During night they and feed on the bark of the stem. The stem becomes weak and ultimate the ground.  Ginger /  The caterpillar bore inside the trunk or main stem. During night they and feed on the bark of the stem. The stem becomes weak and ultimate the ground.  For Ginger and turmeric, field must be inspected daily for disease ap While inspecting, the healthy plants/plots must be marked and kept for put the next season. Marking has to be done properly otherwise when plant and gets dried up, it will be very difficult to find out the marked plots.	came out ely fall on ppearance.					
Litchi  Bark eating caterpillar bore inside the trunk or main stem. During night they and feed on the bark of the stem. The stem becomes weak and ultimate the ground.  Ginger / Maturity stage  For Ginger and turmeric, field must be inspected daily for disease appropriate the inspecting, the healthy plants/plots must be marked and kept for put the next season. Marking has to be done properly otherwise when plants.	ppearance.					
caterpillar and feed on the bark of the stem. The stem becomes weak and ultimate the ground.  Ginger / Maturity stage For Ginger and turmeric, field must be inspected daily for disease ap While inspecting, the healthy plants/plots must be marked and kept for put the next season. Marking has to be done properly otherwise when plants.	ppearance.					
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Ginger / Maturity stage  turmeric  Maturity stage  While inspecting, the healthy plants/plots must be marked and kept for plants season. Marking has to be done properly otherwise when plants.	_					
turmeric While inspecting, the healthy plants/plots must be marked and kept for put the next season. Marking has to be done properly otherwise when plants	_					
the next season. Marking has to be done properly otherwise when plan						
	_					
Livestock						
Ensure periodic vaccination of animals against FMD, Brucellosis, Haemorrahagic Septicaemia, Anthrax						
• Animals should be given mineral mixture along with salt regularly and wheat grains, jaggery etc. may be provided	@ 10% -					
20% in the daily ration during winter season to meet the energy requirement of the animals						
Animals should be given lukewarm feed and water to drink						
To maintain the body temperature of animals in milk, they should be fed with a mixture of oil cakes and jaggery						
<ul> <li>Poultry</li> <li>Sick birds should be isolated from rest of the flocks</li> </ul>						
Provision for footbath and restriction of visitors						
Medication procedure should be followed based on seasonal outbreaks						
Piggery • Deworm the pig with suitable anthelminthis						
FMD and classical swine fever vaccination is to be done						
Provide vitamin and mineral supplements to pregnant sows						
Provide exposure to sunlight for piglets						
Fisheries						
• Drain the pond (if the pond is an old one from which the fish have been harvested). Remove	silt on the					
pond bottom; this can be used as fertilizer.						
Apply lime to condition the soil. Liming activates fertilizers and controls acidic soils which may	harm the					
fish						

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Sl.no Name Designation Department	
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1	Dr.D.J. Rajkhowa	Principle Scientist	Agronomy	djrajkhowa@gmail.com
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Khasi

mandarin

**Vegetables** 

Harvesting stage

Harvesting



# Integrated Agromet Advisory Service Bulletin from 28<sup>th</sup> Feb to 4<sup>th</sup> March'18 Kiphire District

### **Bulletin No:17/2018**

Weather summary of the preceding week	Weather forecast valid upto 4 <sup>th</sup> March 2018
■ Light rain occurred the past week	■ Probability of light rain the coming week.
■ Maximum and minimum temperatures ranged	■ Max temp is likely to be $22^{\circ}$ C - $23^{\circ}$ C and the min temp $9^{\circ}$ C to $10^{\circ}$ C
22°C to 23°C and 7°C to 9°C, respectively.	Sky is likely to be mainly clear the coming week
■ Relative humidity varied from 26% to 88%.	■ Relative Humidity is likely to range from 22% to 93%.
■ Wind speed ranged from 3 to 4 kmph	■ Wind speed may reach upto 3-4 kmph
	Wind direction will be easterly

#### **General Recommendations**

• Remove disease infected plants parts from the field. Removing infected fruit and plant debris from the field can reduce the amount of pathogen inoculum that could move into the healthy plant parts. As soon as symptoms appear, collect, bag and destroy or pile diseased material away from fields

Field crops Agro-meteorological Advisories **Main Crops** Pest/ Stage **Diseases** Land preparation should be started Green gram, summer maize Harvesting stage Harvesting should be carried out when the pods turn yellow and it should **Toria** preferably be done in the early hours during morning as the moisture accumulated during night prevent the splitting of pods Rabi maize Harvesting stage Weather will be favorable for harvesting Linseed/lentil Maturing stage Soil moisture conservation techniques like mulching with crop residue is recommended Horticultural crop

At harvest, carefully pick only healthy produce and avoid any mechanical damage on the fruit or other plant parts harvested. Damage such as small

wounds or bruises can be the point of entrance of microorganisms that can

compromise fruit quality while in transit or storage

Harvesting should be carried out.

	Cauliflower,	Harvesting stage		Harvest cabbage when heads are firm but tender. Cabbage and cauliflower can
	cabbage,			be stored at 0-2°C for four to six weeks
	Litchi Bark eating caterpillar			The caterpillar bore inside the trunk or main stem. During night they came out and feed on the bark of the stem. The stem becomes weak and ultimately fall on the ground.
	Ginger / turmeric	Maturity stage		For Ginger and turmeric, field must be inspected daily for disease appearance. While inspecting, the healthy plants/plots must be marked and kept for planting in the next season. Marking has to be done properly otherwise when plant matures and gets dried up, it will be very difficult to find out the marked plots.
	<ul><li>Animals s</li><li>20% in the</li><li>Animals s</li></ul>	Livestock periodic vaccination of animals against FMD, Brucellosis, Haemorrahagic Septicaemia, Anthrax s should be given mineral mixture along with salt regularly and wheat grains, jaggery etc. may be provided @ 10% - the daily ration during winter season to meet the energy requirement of the animals s should be given lukewarm feed and water to drink		
	Poultry	<ul> <li>ain the body temperature of animals in milk, they should be fed with a mixture of oil cakes and jaggery</li> <li>Sick birds should be isolated from rest of the flocks</li> </ul>		
	1 outil y	Provision for footbath and restriction of visitors		
		<ul> <li>Medication procedure should be followed based on seasonal outbreaks</li> </ul>		
	Piggery	Deworm the pig with suitable anthelminthis		
				Ever vaccination is to be done
		Provide vita	min and miner	ral supplements to pregnant sows
		<ul> <li>Provide exposure to sunlight for piglets</li> </ul>		
		Fisheries Fisheries		
нірзічі ICAR		<ul> <li>Drain the pond (if the pond is an old one from which the fish have been harvested). Remove silt on the pond bottom; this can be used as fertilizer.</li> <li>Apply lime to condition the soil. Liming activates fertilizers and controls acidic soils which may harm the fish</li> </ul>		

Sl.no	Name	Designation	Department	
1	Dr.D.J. Rajkhowa	Principle Scientist	Agronomy	djrajkhowa@gmail.com
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	Dr. Azeze Seyie	Scientist	Spices, Plantation & Medicinal &	
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# **Integrated Agromet Advisory Service Bulletin from 28<sup>th</sup> Feb to 4<sup>th</sup> March'18**Kohima District

### **Bulletin No:17/2018**

Weather summary of the preceding week	Weather forecast valid upto 4 <sup>th</sup> March 2018
■ light rain occurred the past week	■ Probability of light rain the coming week.
■ Maximum and minimum temperatures ranged 23	■ Max temp is likely to be 20°C - 21°C and the min temp 7°C to 8°C
<sup>0</sup> C to 24 <sup>0</sup> C and 9 <sup>0</sup> C to 10 <sup>0</sup> C, respectively.	Sky is likely to be mainly clear the coming week
■ Relative humidity varied from 25% to 95%.	■ Relative Humidity is likely to range from 30% to 97%.
■ Wind speed ranged from 3 to 4 kmph	■ Wind speed may reach upto 2-3 kmph
	Wind direction will be mostly south easterly

#### **General Recommendations**

mandarin

• Remove disease infected plants parts from the field. Removing infected fruit and plant debris from the field can reduce the amount of pathogen inoculum that could move into the healthy plant parts. As soon as symptoms appear, collect, bag and destroy or pile diseased material away from fields

Field crops **Main Crops** Stage Pest/ Agro-meteorological Advisories **Diseases** Land preparation should be started Green gram, summer maize Harvesting should be carried out when the pods turn yellow and it should Harvesting stage Toria preferably be done in the early hours during morning as the moisture accumulated during night prevent the splitting of pods Rabi maize Harvesting stage Weather will be favorable for harvesting Linseed/lentil Maturing stage Soil moisture conservation techniques like mulching with crop residue is recommended Horticultural crop Khasi Harvesting stage At harvest, carefully pick only healthy produce and avoid any mechanical

damage on the fruit or other plant parts harvested. Damage such as small

wounds or bruises can be the point of entrance of microorganisms that

can compromise fruit quality while in transit or storage

	Vegetables	Harvesting		Harvesting should be carried out.	
	Cauliflower, cabbage,  Harvesting stage			Harvest cabbage when heads are firm but tender. Cabbage and cauliflower can be stored at 0-2°C for four to six weeks	
	Litchi		Bark eating caterpillar	The caterpillar bore inside the trunk or main stem. During night they came out and feed on the bark of the stem. The stem becomes weak and ultimately fall on the ground.	
	Ginger / turmeric	Maturity stage		For Ginger and turmeric, field must be inspected daily for disease appearance. While inspecting, the healthy plants/plots must be marked and kept for planting in the next season. Marking has to be done properly otherwise when plant matures and gets dried up, it will be very difficult to find out the marked plots.	
	<ul> <li>Animals</li> <li>10% - 20</li> <li>Animals</li> </ul>	Livestock e periodic vaccination of animals against FMD, Brucellosis, Haemorrahagic Septicaemia, Anthrax als should be given mineral mixture along with salt regularly and wheat grains, jaggery etc. may be provided @ 20% in the daily ration during winter season to meet the energy requirement of the animals als should be given lukewarm feed and water to drink intain the body temperature of animals in milk, they should be fed with a mixture of oil cakes and jaggery			
	Poultry	<ul> <li>Sick birds should be isolated from rest of the flocks</li> <li>Provision for footbath and restriction of visitors</li> <li>Medication procedure should be followed based on seasonal outbreaks</li> </ul>			
	Piggery	<ul><li>Deworm the</li><li>FMD and cl</li><li>Provide vita</li></ul>	<ul> <li>Deworm the pig with suitable anthelminthis</li> <li>FMD and classical swine fever vaccination is to be done</li> <li>Provide vitamin and mineral supplements to pregnant sows</li> <li>Provide exposure to sunlight for piglets</li> </ul>		
		Fisheries			
HE 3FH ICAR		<ul> <li>Drain the pond (if the pond is an old one from which the fish have been harvested). Remove silt on the pond bottom; this can be used as fertilizer.</li> <li>Apply lime to condition the soil. Liming activates fertilizers and controls acidic soils which may harm the fish</li> </ul>			

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# Integrated Agromet Advisory Service Bulletin from 28<sup>th</sup> Feb to 4<sup>th</sup> March'18 Longleng District

## **Bulletin No:17/2018**

Weather summary of the preceding week	Weather forecast valid upto 4 <sup>th</sup> March 2018
Light rain occurred the past week	<ul> <li>Probability of no rain the coming week.</li> </ul>
■ Maximum and minimum temperatures ranged 24 <sup>o</sup> C	■ Max temp is likely to be 23 <sup>o</sup> C - 24 <sup>o</sup> C and the min temp 10 <sup>o</sup> C to 11 <sup>o</sup> C
to 25°C and 10°C to 11°C, respectively.	• Sky is likely to be clear the coming week
■ Relative humidity varied from 30% to 95%.	■ Relative Humidity is likely to range from 27% to 94%.
■ Wind speed ranged from 1 to 2 kmph	■ Wind speed may reach upto 3-4 kmph
	Wind direction will be mostly southeasterly

#### **General Recommendations**

• Remove disease infected plants parts from the field. Removing infected fruit and plant debris from the field can reduce the amount of pathogen inoculum that could move into the healthy plant parts. As soon as symptoms appear, collect, bag and destroy or pile diseased material away from fields

Field evens

	Fiela crops			
Main	Stage	Pest/	Agro-meteorological Advisories	
Crops		Diseases		
Green gram, summer			Land preparation should be started	
maize				
Toria	Harvesting stage	- Harvesting should be carried out when the pods turn yellow a should preferably be done in the early hours during morning a moisture accumulated during night prevent the splitting of pods		
Rabi maize	Harvesting stage		Weather will be favorable for harvesting	
Linseed/lentil	Maturing stage	Soil moisture conservation techniques like mulching with crop residue is recommended		
		H	Iorticultural crop	
771	TT .:			
Khasi mandarin	Harvesting stage		At harvest, carefully pick only healthy produce and avoid any mechanical damage on the fruit or other plant parts harvested. Damage such as small wounds or bruises can be the point of entrance of microorganisms that can compromise fruit quality while in transit or storage	

		Vegetables	Harvesting		Harvesting should be carried out.
	Cauliflower, Harvesting st		Harvesting stage		Harvest cabbage when heads are firm but tender. Cabbage and cauliflower can be stored at 0-2°C for four to six weeks
SCIE	NTIFIC I	XPERT CO		Bark eating	The caterpillar bore inside the trunk or main stem. During night they came out and feed on the bark of the stem. The stem becomes weak and
Sl.no	Name	G: / D	esignation Dep	caterpillar	ultimately fall on the ground.
1	Dr.D.J. R	Ginger / aikhowa aikhowaic Pi		ronomy	For Ginger and turneric, field must be inspected daily for disease appearance. While inspecting the marked plants/plots must be marked
2	Dr. L.K.	Baishya Se		conomy	and kept for planting in thicaes small so Marking has to be done properly
3	Ph. Rome	n Sharma S	cientist Agr	ricultural Extensi	ontherwise when plant manuers aged get granted up, it will be very difficult to
4	Dr. Rajes	ha G S	cientist Plar	nt Pathology	find out the marked plots jeshag337@gmail.com
5	Dr. Maha	k Singh S	ciențisț Ani	mal Reproduction	on & Gyhaecology mahaksinghivri@gmail.com
6	Dr. Azeze	ze Seyie  Ensure periodic vaccination of ani Scientist Animals should be given mineral Aromat		ces, Plantation & heral mixture alomatic Plants	mahaksinghivri@gmail.com  EMD Brucellosis, Haemorrahagic Septicaenna, Anthrax  and wheat grains, jaggery etc. may be provided @  azezeseyie@yafroo.eom  azezeseyie@yafroo.eom  azezeseyie@yafroo.eom  yanagement  yater to drink  n milk they should be fedawii iaringamaile@mail.com
7	Jyotish B	otish Barman  Scientist  Animals should be given lukewarm feed and water to drink		neries Resource I	Wanagement jyotish5@gmail.com
8	Aabon W Yanthan To marife the body temperature of arithms in milk, they should be fearbon iaring smail cakes and jaggery		n milk, they should be fedaban iari@gmail com cakes and jaggery		
		Poultry • Sick birds should		should be isolated	d from rest of the flocks
	Provisi		Provision for	or footbath and r	restriction of visitors
		Medicat		procedure shoul	ld be followed based on seasonal outbreaks
	Piggery • Deworm		Deworm th	e pig with suitab	le anthelminthis
			FMD and c	and classical swine fever vaccination is to be done	
	Provide vita		amin and minera	l supplements to pregnant sows	
		Provide exposure to sunlight for piglets		at for piglets	
		Fisheries			
High	raing AR		pond bottor	m; this can be use	is an old one from which the fish have been harvested). Remove silt on the ed as fertilizer. soil. Liming activates fertilizers and controls acidic soils which may harm



# **Integrated Agromet Advisory Service Bulletin from 28<sup>th</sup> Feb to 4<sup>th</sup> March'18**Mokokchung District

### **Bulletin No:17/2018**

Weather summary of the preceding week	Weather forecast valid upto 4 <sup>th</sup> March 2018
Light rain occurred the past week	Probability of light rain the coming week.
■ Maximum and minimum temperatures ranged	■ Max temp is likely to be 23 <sup>o</sup> C - 24 <sup>o</sup> C and the min temp 10 <sup>o</sup> C to 11 <sup>o</sup> C
24 <sup>o</sup> C to 25 <sup>o</sup> C and 10 <sup>o</sup> C to 11 <sup>o</sup> C, respectively.	Sky is likely to be mainly clear the coming week
Relative humidity varied from 42% to 90%.	■ Relative Humidity is likely to range from 27% to 90%.
■ Wind speed ranged from 1 to 2 kmph	■ Wind speed may reach upto 4- 5 kmph
	Wind direction will be southeasterly

### **General Recommendations**

• Remove disease infected plants parts from the field. Removing infected fruit and plant debris from the field can reduce the amount of pathogen inoculum that could move into the healthy plant parts. As soon as symptoms appear, collect, bag and destroy or pile diseased material away from fields

Field anone

	Fiela crops			
Main	Stage	Pest/	Agro-meteorological Advisories	
Crops		Diseases		
Green gram,			Land preparation should be started	
summer				
maize				
Toria	Harvesting stage	-	Harvesting should be carried out when the pods turn yellow and it should preferably be done in the early hours during morning as the moisture accumulated during night prevent the splitting of pods	
Rabi maize	Harvesting stage		Weather will be favorable for harvesting	
Linseed/lentil	Maturing stage		Soil moisture conservation techniques like mulching with crop residue is recommended	
			Horticultural crop	
Khasi mandarin	Harvesting stage		At harvest, carefully pick only healthy produce and avoid any mechanical damage on the fruit or other plant parts harvested. Damage such as small wounds or bruises can be the point of entrance of microorganisms that can compromise fruit quality while in transit or storage	

Vegetables	Harvesting		Harvesting should be carried out.		
Cauliflower, cabbage,	Harvesting stage		Harvest cabbage when heads are firm but tender. Cabbage and cauliflower can be stored at 0-2°C for four to six weeks		
Litchi		Bark eating caterpillar	The caterpillar bore inside the trunk or main stem. During night they came out and feed on the bark of the stem. The stem becomes weak and ultimately fall on the ground.		
Ginger / turmeric	Maturity stage		For Ginger and turmeric, field must be inspected daily for disease appearance. While inspecting, the healthy plants/plots must be marked and kept for planting in the next season. Marking has to be done properly otherwise when plant matures and gets dried up, it will be very difficult to find out the marked plots.		
• Anima	ls should be given lukintain the body temper  Sick birds should be given lukintain the body temper  Provision for	ewarm feed and rature of animal tould be isolated and reference to the result of the r	s in milk, they should be fed with a mixture of oil cakes and jaggery I from rest of the flocks estriction of visitors		
Piggery	<ul> <li>Medication procedure should be followed based on seasonal outbreaks</li> <li>Deworm the pig with suitable anthelminthis</li> <li>FMD and classical swine fever vaccination is to be done</li> <li>Provide vitamin and mineral supplements to pregnant sows</li> <li>Provide exposure to sunlight for piglets</li> </ul>				
			Fisheries		
	<ul> <li>Drain the pond (if the pond is an old one from which the fish have been harvested). Remove silt on the pond bottom; this can be used as fertilizer.</li> <li>Apply lime to condition the soil. Liming activates fertilizers and controls acidic soils which may harm the fish</li> </ul>				



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mandarin



# Integrated Agromet Advisory Service Bulletin from 28<sup>th</sup> Feb to 4<sup>th</sup> March'18 Mon District

## **Bulletin No:17/2018**

Weather summary of the preceding week	Weather forecast valid upto 4 <sup>th</sup> March 2018
■ Light rain occurred the past week	■ Probability of light rain the coming week.
■ Maximum and minimum temperatures ranged	■ Max temp is likely to be $22^{\circ}$ C - $23^{\circ}$ C and the min temp $9^{\circ}$ C to $10^{\circ}$ C
$24^{\circ}$ C to $25^{\circ}$ C and $10^{\circ}$ C to $11^{\circ}$ C, respectively.	■ Sky is likely to be mainly clear the coming week
■ Relative humidity varied from 30% to 91%	■ Relative Humidity is likely to range from 29% to 90%.
■ Wind speed ranged from 2 to 4 kmph	■ Wind speed may reach upto 4- 6 kmph
	Wind direction will be southeasterly

### **General Recommendations**

• Remove disease infected plants parts from the field. Removing infected fruit and plant debris from the field can reduce the amount of pathogen inoculum that could move into the healthy plant parts. As soon as symptoms appear, collect, bag and destroy or pile diseased material away from fields

## Field crops

Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
Green gram, summer maize			Land preparation should be started
Toria	Harvesting stage	-	Harvesting should be carried out when the pods turn yellow and it should preferably be done in the early hours during morning as the moisture accumulated during night prevent the splitting of pods
Rabi maize	Harvesting stage		Weather will be favorable for harvesting
Linseed/lentil	Maturing stage		Soil moisture conservation techniques like mulching with crop residue is recommended
			Horticultural crop
Khasi	Harvesting stage		At harvest, carefully pick only healthy produce and avoid any mechanical

damage on the fruit or other plant parts harvested. Damage such as small

wounds or bruises can be the point of entrance of microorganisms that can

				compromise fruit quality while in transit or storage	
	Vegetables	Harvesting		Harvesting should be carried out.	
	Cauliflower, cabbage,	Harvesting stage		Harvest cabbage when heads are firm but tender. Cabbage and cauliflower can be stored at 0-2°C for four to six weeks	
	Litchi		Bark eating caterpillar	The caterpillar bore inside the trunk or main stem. During night they came out and feed on the bark of the stem. The stem becomes weak and ultimately fall on the ground.	
	Ginger / turmeric	Maturity stage		For Ginger and turmeric, field must be inspected daily for disease appearance. While inspecting, the healthy plants/plots must be marked and kept for planting in the next season. Marking has to be done properly otherwise when plant matures and gets dried up, it will be very difficult to find out the marked plots.	
	<ul> <li>Livestock</li> <li>Ensure periodic vaccination of animals against FMD, Brucellosis, Haemorrahagic Septicaemia, Anthrax</li> <li>Animals should be given mineral mixture along with salt regularly and wheat grains, jaggery etc. may be provided to a separate of the animals and water to drink</li> <li>Animals should be given lukewarm feed and water to drink</li> <li>To maintain the body temperature of animals in milk, they should be fed with a mixture of oil cakes and jaggery</li> <li>Poultry</li> <li>Sick birds should be isolated from rest of the flocks</li> <li>Provision for footbath and restriction of visitors</li> <li>Medication procedure should be followed based on seasonal outbreaks</li> </ul>				
	<ul> <li>Piggery</li> <li>Deworm the pig with suitable anthelminthis</li> <li>FMD and classical swine fever vaccination is to be done</li> </ul>				
	<ul> <li>Provide vitamin and mineral supplements to pregnant sows</li> <li>Provide exposure to sunlight for piglets</li> </ul>				
	Fisheries				
нарзінц ІСА В		<ul> <li>Drain the pond (if the pond is an old one from which the fish have been harvested). Remove silt on the pond bottom; this can be used as fertilizer.</li> <li>Apply lime to condition the soil. Liming activates fertilizers and controls acidic soils which may harm the fish</li> </ul>			

Sl.no	Name	Designation	Department	
1	Dr.D.J. Rajkhowa	Principle Scientist	Agronomy	djrajkhowa@gmail.com
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4	Dr. Rajesha G	Scientist	Plant Pathology	rajeshag337@gmail.com
5	Dr. Mahak Singh	Scientist	Animal Reproduction & Gynaecology	mahaksinghivri@gmail.com
	Dr. Azeze Seyie	Scientist	Spices, Plantation & Medicinal &	
6			Aromatic Plants	azezeseyie@yahoo.com
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mandarin



# Integrated Agromet Advisory Service Bulletin from 28<sup>th</sup> Feb to 4<sup>th</sup> March'18 Mon District

## **Bulletin No:17/2018**

Weather summary of the preceding week	Weather forecast valid upto 4 <sup>th</sup> March 2018
■ Light rain occurred the past week	■ Probability of light rain the coming week.
■ Maximum and minimum temperatures ranged	■ Max temp is likely to be $22^{\circ}$ C - $23^{\circ}$ C and the min temp $9^{\circ}$ C to $10^{\circ}$ C
$24^{\circ}$ C to $25^{\circ}$ C and $10^{\circ}$ C to $11^{\circ}$ C, respectively.	■ Sky is likely to be mainly clear the coming week
■ Relative humidity varied from 30% to 91%	■ Relative Humidity is likely to range from 29% to 90%.
■ Wind speed ranged from 2 to 4 kmph	■ Wind speed may reach upto 4- 6 kmph
	Wind direction will be southeasterly

### **General Recommendations**

• Remove disease infected plants parts from the field. Removing infected fruit and plant debris from the field can reduce the amount of pathogen inoculum that could move into the healthy plant parts. As soon as symptoms appear, collect, bag and destroy or pile diseased material away from fields

## Field crops

Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
Green gram, summer maize			Land preparation should be started
Toria	Harvesting stage	-	Harvesting should be carried out when the pods turn yellow and it should preferably be done in the early hours during morning as the moisture accumulated during night prevent the splitting of pods
Rabi maize	Harvesting stage		Weather will be favorable for harvesting
Linseed/lentil	Maturing stage		Soil moisture conservation techniques like mulching with crop residue is recommended
			Horticultural crop
Khasi	Harvesting stage		At harvest, carefully pick only healthy produce and avoid any mechanical

damage on the fruit or other plant parts harvested. Damage such as small

wounds or bruises can be the point of entrance of microorganisms that can

				compromise fruit quality while in transit or storage		
	Vegetables	Harvesting		Harvesting should be carried out.		
	Cauliflower, cabbage,	Harvesting stage		Harvest cabbage when heads are firm but tender. Cabbage and cauliflower can be stored at 0-2°C for four to six weeks		
	Litchi		Bark eating caterpillar	The caterpillar bore inside the trunk or main stem. During night they came out and feed on the bark of the stem. The stem becomes weak and ultimately fall on the ground.		
	Ginger / turmeric	Maturity stage		For Ginger and turmeric, field must be inspected daily for disease appearance. While inspecting, the healthy plants/plots must be marked and kept for planting in the next season. Marking has to be done properly otherwise when plant matures and gets dried up, it will be very difficult to find out the marked plots.		
	<ul> <li>Livestock</li> <li>Ensure periodic vaccination of animals against FMD, Brucellosis, Haemorrahagic Septicaemia, Anthrax</li> <li>Animals should be given mineral mixture along with salt regularly and wheat grains, jaggery etc. may be provided @ 10% - 20% in the daily ration during winter season to meet the energy requirement of the animals</li> <li>Animals should be given lukewarm feed and water to drink</li> </ul>					
	<ul> <li>To maintain the body temperature of animals in milk, they should be fed with a mixture of oil cakes and jagger?</li> <li>Poultry</li> <li>Sick birds should be isolated from rest of the flocks</li> <li>Provision for footbath and restriction of visitors</li> <li>Medication procedure should be followed based on seasonal outbreaks</li> </ul>					
	Piggery			nitable anthelminthis ne fever vaccination is to be done		
<ul> <li>Provide vitamin and mineral supplements to pregnant sows</li> <li>Provide exposure to sunlight for piglets</li> </ul>						
	Fisheries					
нарзінц ІСА В		<ul> <li>Drain the pond (if the pond is an old one from which the fish have been harvested). Remove silt on the pond bottom; this can be used as fertilizer.</li> <li>Apply lime to condition the soil. Liming activates fertilizers and controls acidic soils which may harm the fish</li> </ul>				

Sl.no	Name	Designation	Department	
1	Dr.D.J. Rajkhowa	Principle Scientist	Agronomy	djrajkhowa@gmail.com
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4	Dr. Rajesha G	Scientist	Plant Pathology	rajeshag337@gmail.com
5	Dr. Mahak Singh	Scientist	Animal Reproduction & Gynaecology	mahaksinghivri@gmail.com
	Dr. Azeze Seyie	Scientist	Spices, Plantation & Medicinal &	
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# Integrated Agromet Advisory Service Bulletin from 28<sup>th</sup> Feb to 4<sup>th</sup> March'18 Peren District

#### Bulletin No:17/2018

Weather summary of the preceding week	Weather forecast valid upto 4 <sup>th</sup> March 2018
Light rain occurred the past week	■ Probability of light rain the coming week.
■ Maximum and minimum temperatures ranged	■ Max temp is likely to be $22^{\circ}$ C - $23^{\circ}$ C and the min temp $9^{\circ}$ C to $10^{\circ}$ C
$24^{\circ}$ C to $25^{\circ}$ C and $9^{\circ}$ C to $10^{\circ}$ C, respectively.	Sky is likely to be mainly clear the coming week
■ Relative humidity varied from 27% to 93%.	■ Relative Humidity is likely to range from 28% to 90%.
■ Wind speed ranged from 2 to 3 kmph	■ Wind speed may reach upto 3-4 kmph
	Wind direction will be southeasterly

#### **General Recommendations**

• Remove disease infected plants parts from the field. Removing infected fruit and plant debris from the field can reduce the amount of pathogen inoculum that could move into the healthy plant parts. As soon as symptoms appear, collect, bag and destroy or pile diseased material away from fields

Field crops

•

Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
Green gram, summer maize			Land preparation should be started
Toria	Harvesting stage	-	Harvesting should be carried out when the pods turn yellow and it should preferably be done in the early hours during morning as the moisture accumulated during night prevent the splitting of pods
Rabi maize	Harvesting stage		Weather will be favorable for harvesting
Linseed/lentil	Maturing stage		Soil moisture conservation techniques like mulching with crop residue is recommended
			Horticultural crop
Khasi mandarin	Harvesting stage		At harvest, carefully pick only healthy produce and avoid any mechanical damage on the fruit or other plant parts harvested. Damage such as small wounds or bruises can be the point of entrance of microorganisms that can compromise fruit quality while in transit or storage

	Vegetables	Harvesting		Harvesting should be carried out.
	7 - 3	8		
	Cauliflower,	Harvesting		Harvest cabbage when heads are firm but tender. Cabbage and cauliflower
	cabbage,	stage		can be stored at 0-2°C for four to six weeks
	Litchi		Bark	The caterpillar bore inside the trunk or main stem. During night they came
			eating	out and feed on the bark of the stem. The stem becomes weak and ultimately
			caterpillar	fall on the ground.
	Ginger /	Maturity stage		For Ginger and turmeric, field must be inspected daily for disease
	turmeric			appearance. While inspecting, the healthy plants/plots must be marked and
				kept for planting in the next season. Marking has to be done properly otherwise when plant matures and gets dried up, it will be very difficult to find
				out the marked plots.
				Livestock
	• Ensure per	riodic vaccination of	of animals ag	ainst FMD, Brucellosis, Haemorrahagic Septicaemia, Anthrax
				along with salt regularly and wheat grains, jaggery etc. may be provided @ 10%
				ason to meet the energy requirement of the animals
	Animals should be given lukewarm feed and water to drink  The state of the latest and the state of the s			
	Poultry	<ul> <li>To maintain the body temperature of animals in milk, they should be fed with a mixture of oil cakes and jaggery</li> <li>Poultry</li> <li>Sick birds should be isolated from rest of the flocks</li> </ul>		
	1 oun y	12 1		and restriction of visitors
,	D:			should be followed based on seasonal outbreaks
	Piggery		1 0	uitable anthelminthis
				ne fever vaccination is to be done
		Provide vitamin and mineral supplements to pregnant sows		
		Provide ex	xposure to su	nlight for piglets
				Fisheries
				the pond is an old one from which the fish have been harvested). Remove silt on
		•		nis can be used as fertilizer.  dition the soil. Liming activates fertilizers and controls acidic soils which may
		11 0	the fish	and the soft. Liming activates fertilizers and controls acture softs which may
		Hailli (	11011	

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Sl.no	Name	Designation	Department	
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4	Dr. Rajesha G	Scientist	Plant Pathology	rajeshag337@gmail.com
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	Dr. Azeze Seyie	Scientist	Spices, Plantation & Medicinal &	
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# **Integrated Agromet Advisory Service Bulletin from 28<sup>th</sup> Feb to 4<sup>th</sup> March'18**Phek District

## **Bulletin No:17/2018**

Weather summary of the preceding week	Weather forecast valid upto 4 <sup>th</sup> March 2018
	Probability of light rain the coming week.
■ Maximum and minimum temperatures	■ Max temp is likely to be 20°C - 21°C and the min temp 8°C to 9°C
ranged $24^{\circ}$ C to $25^{\circ}$ C and $8^{\circ}$ C to $9^{\circ}$ C,	Sky is likely to be mainly clear the coming week
respectively.	■ Relative Humidity is likely to range from 29% to 93%.
Relative humidity varied from 27% to 90%.	■ Wind speed may reach upto 3-4 kmph
■ Wind speed ranged from 1 to 2 kmph	Wind direction will be mostly southeasterly

### **General Recommendations**

• Remove disease infected plants parts from the field. Removing infected fruit and plant debris from the field can reduce the amount of pathogen inoculum that could move into the healthy plant parts. As soon as symptoms appear, collect, bag and destroy or pile diseased material away from fields

•

Field crops			
Main	Stage	Pest/	Agro-meteorological Advisories
Crops		Diseases	
Green			Land preparation should be started
gram,			
summer			
maize	**		
Toria	Harvesting stage	-	Harvesting should be carried out when the pods turn yellow and it should preferably be done in the early hours during morning as the moisture accumulated during night prevent the splitting of pods
Rabi maize	Harvesting stage		Weather will be favorable for harvesting
Linseed/lent il	Maturing stage		Soil moisture conservation techniques like mulching with crop residue is recommended
	<u> </u>		77 7.

## Horticultural crop

Khasi	Harvesting		At harvest, carefully pick only healthy produce and avoid any mechanical damage	
mandarin	stage		on the fruit or other plant parts harvested. Damage such as small wounds or bruises	
			can be the point of entrance of microorganisms that can compromise fruit quality	
Vegetables	Harvesting		while in transit or storage  Harvesting should be carried out.	
vegetables	Harvesting		Tharvesting should be carried out.	
Cauliflower	Harvesting		Harvest cabbage when heads are firm but tender. Cabbage and cauliflower can be	
, cabbage,	stage		stored at 0-2°C for four to six weeks	
Litchi		Bark eating	The caterpillar bore inside the trunk or main stem. During night they came out and	
		caterpillar	feed on the bark of the stem. The stem becomes weak and ultimately fall on the ground.	
Ginger /	Maturity stage		For Ginger and turmeric, field must be inspected daily for disease appearance.	
turmeric			While inspecting, the healthy plants/plots must be marked and kept for planting in the next season. Marking has to be done properly otherwise when plant matures and	
			gets dried up, it will be very difficult to find out the marked plots.	
_			Livestock	
			against FMD, Brucellosis, Haemorrahagic Septicaemia, Anthrax	
			are along with salt regularly and wheat grains, jaggery etc. may be provided @ 10% - ason to meet the energy requirement of the animals	
			ason to meet the energy requirement of the animals	
			imals in milk, they should be fed with a mixture of oil cakes and jaggery	
Poultry			ated from rest of the flocks	
	<ul> <li>Provision</li> </ul>	for footbath an	nd restriction of visitors	
	Medication procedure should be followed based on seasonal outbreaks			
Piggery	Deworm the pig with suitable anthelminthis			
	FMD and classical swine fever vaccination is to be done			
	Provide vitamin and mineral supplements to pregnant sows			
	Provide exposure to sunlight for piglets			
Fisheries				
1 257407405				



- Drain the pond (if the pond is an old one from which the fish have been harvested). Remove silt on the pond bottom; this can be used as fertilizer.
- Apply lime to condition the soil. Liming activates fertilizers and controls acidic soils which may harm the fish

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	Dr. Azeze Seyie	Scientist	Spices, Plantation & Medicinal &	
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# Integrated Agromet Advisory Service Bulletin from 28<sup>th</sup> Feb to 4<sup>th</sup> March'18 Tuensang District

#### Bulletin No:17/2018

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Weather summary of the preceding week	Weather forecast valid upto 4 <sup>th</sup> March 2018
■ light rain occurred the past week	■ Probability of light rain the coming week.
■ Maximum and minimum temperatures ranged	■ Max temp is likely to be $18^{\circ}$ C - $19^{\circ}$ C and the min temp $6^{\circ}$ C to $8^{\circ}$ C
$20^{\circ}$ C to $21^{\circ}$ C and $6^{\circ}$ C to $7^{\circ}$ C, respectively.	Sky is likely to be mainly clear the coming week
■ Relative humidity varied from 25% to 95%.	■ Relative Humidity is likely to range from 24% to 95%.
<ul> <li>Wind speed ranged from 2 to 3 kmph</li> </ul>	■ Wind speed may reach upto 3-4 kmph
	■ Wind direction will be mostly southerly

#### **General Recommendations**

• Remove disease infected plants parts from the field. Removing infected fruit and plant debris from the field can reduce the amount of pathogen inoculum that could move into the healthy plant parts. As soon as symptoms appear, collect, bag and destroy or pile diseased material away from fields

Field crops			
Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
Green gram, summer maize			Land preparation should be started
Toria	Harvesting stage	1	Harvesting should be carried out when the pods turn yellow and it should preferably be done in the early hours during morning as the moisture accumulated during night prevent the splitting of pods
Rabi maize	Harvesting stage		Weather will be favorable for harvesting
Linseed/lenti l	Maturing stage		Soil moisture conservation techniques like mulching with crop residue is recommended
Horticultural crop			
Khasi mandarin	Harvesting stage		At harvest, carefully pick only healthy produce and avoid any mechanical damage on the fruit or other plant parts harvested. Damage such as small wounds or bruises can be the point of entrance of microorganisms that can compromise fruit quality while in transit or storage

	Vegetables	Harvesting		Harvesting should be carried out.	
	Cauliflower, cabbage,	Harvesting stage		Harvest cabbage when heads are firm but tender. Cabbage and cauliflower can be stored at 0-2°C for four to six weeks	
	Litchi		Bark eating caterpillar	The caterpillar bore inside the trunk or main stem. During night they came out and feed on the bark of the stem. The stem becomes weak and ultimately fall on the ground.	
	Ginger / turmeric	Maturity stage		For Ginger and turmeric, field must be inspected daily for disease appearance. While inspecting, the healthy plants/plots must be marked and kept for planting in the next season. Marking has to be done properly otherwise when plant matures and gets dried up, it will be very difficult to find out the marked plots.	
	<ul><li>Anima</li><li>10% -</li><li>Anima</li></ul>	ls should be given r 20% in the daily rati lls should be given lu	nineral mixture on during winte kewarm feed a	Livestock ainst FMD, Brucellosis, Haemorrahagic Septicaemia, Anthrax e along with salt regularly and wheat grains, jaggery etc. may be provided @ er season to meet the energy requirement of the animals and water to drink tals in milk, they should be fed with a mixture of oil cakes and jaggery	
	Poultry	<ul><li>Sick birds s</li><li>Provision fo</li></ul>	hould be isolate or footbath and	ed from rest of the flocks restriction of visitors ald be followed based on seasonal outbreaks	
	Piggery	<ul> <li>Deworm the pig with suitable anthelminthis</li> <li>FMD and classical swine fever vaccination is to be done</li> <li>Provide vitamin and mineral supplements to pregnant sows</li> <li>Provide exposure to sunlight for piglets</li> </ul>			
	Fisheries				
нарзыц ІСА R		pond botton	n; this can be u	d is an old one from which the fish have been harvested). Remove silt on the sed as fertilizer. e soil. Liming activates fertilizers and controls acidic soils which may harm	

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# Integrated Agromet Advisory Service Bulletin from 28<sup>th</sup> Feb to 4<sup>th</sup> March'18 Wokha District

## **Bulletin No:17/2018**

Weather summary of the preceding week	Weather forecast valid upto 4 <sup>th</sup> March 2018
■ light rain occurred the past week	■ Probability of light rain the coming week.
	■ Max temp is likely to be $22^{\circ}$ C - $23^{\circ}$ C and the min temp $9^{\circ}$ C to $10^{\circ}$ C
$24^{0}$ C to $25^{0}$ C and $9^{0}$ C to $10^{0}$ C, respectively.	Sky is likely to be clear the coming week
■ Relative humidity varied from 27% to 90%.	■ Relative Humidity is likely to range from 27% to 81%.
■ Wind speed ranged from 3 to 4 kmph	■ Wind speed may reach upto 4- 5 kmph
	Wind direction will be southeasterly

#### **General Recommendations**

• Remove disease infected plants parts from the field. Removing infected fruit and plant debris from the field can reduce the amount of pathogen inoculum that could move into the healthy plant parts. As soon as symptoms appear, collect, bag and destroy or pile diseased material away from fields

Main Stage Pest/
Crops Diseases

Main	Stage	Pest/	Agro-ineteorological Advisories	
Crops		Diseases		
Green gram,			Land preparation should be started	
summer				
maize				
Toria	Harvesting stage	-	Harvesting should be carried out when the pods turn yellow and it should preferably be done in the early hours during morning as the moisture accumulated during night prevent the splitting of pods	
Rabi maize	Harvesting stage		Weather will be favorable for harvesting	
Linseed/lentil	Maturing stage		Soil moisture conservation techniques like mulching with crop residue is recommended	
			Horticultural crop	
Khasi mandarin	Harvesting stage		At harvest, carefully pick only healthy produce and avoid any mechanical damage on the fruit or other plant parts harvested. Damage such as small wounds or bruises can be the point of entrance of	

microorganisms that can compromise fruit quality while in transit or

				-4			
				storage			
	Vegetables	Harvesting		Harvesting should be carried out.			
	regenulies	Tiai vostilig		The results should be curried out.			
	Cauliflaman	Harvesting stage		Harvest ashbase when heads are firm but tender Cabbase and			
	Cauliflower, cabbage,	Traivesting stage		Harvest cabbage when heads are firm but tender. Cabbage and cauliflower can be stored at 0-2°C for four to six weeks			
	encenge,			caatiflower can be stored at 0-2 C for four to six weeks			
	Litchi		Bark eating	The caterpillar bore inside the trunk or main stem. During night they			
	Lucit		caterpillar	came out and feed on the bark of the stem. The stem becomes weak and			
			-	ultimately fall on the ground.			
	Ginger /	Maturity stage		For Ginger and turmeric, field must be inspected daily for disease			
	turmeric appearance. While inspecting, the healthy pl						
				and kept for planting in the next season. Marking has to be done			
		properly otherwise when plant matures and gets dried up, it will be very					
				difficult to find out the marked plots.  Livestock			
	• Ensure p	periodic vaccination of	animals agains	st FMD, Brucellosis, Haemorrahagic Septicaemia, Anthrax			
				ong with salt regularly and wheat grains, jaggery etc. may be provided @			
				eason to meet the energy requirement of the animals			
		s should be given lukey		in milk, they should be fed with a mixture of oil cakes and jaggery			
	Poultry			from rest of the flocks			
	ř	Provision for	footbath and re	estriction of visitors			
		Medication pr	rocedure should	l be followed based on seasonal outbreaks			
	Piggery	Deworm the p	oig with suitabl	e anthelminthis			
		FMD and class	ssical swine fev	ver vaccination is to be done			
1111		Provide vitamin and mineral supplements to pregnant sows					
		Provide expos	Provide exposure to sunlight for piglets				
	Fisheries						
भाकुअनुप		Drain the pon	d (if the pond i	s an old one from which the fish have been harvested). Remove silt on the			
ICAR		<u> </u>	this can be use				
		<ul> <li>Apply lime to the fish</li> </ul>	condition the	soil. Liming activates fertilizers and controls acidic soils which may harm			
		uic IIsii					

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# Integrated Agromet Advisory Service Bulletin from 28<sup>th</sup> Feb to 4<sup>th</sup> March'18 Zunheboto District

### **Bulletin No:17/2018**

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Weather summary of the preceding week	Weather forecast valid upto 4 <sup>th</sup> March 2018
■ light rain occurred the past week	■ Probability of light rain the coming week.
■ Maximum and minimum temperatures ranged	
$23^{\circ}$ C to $25^{\circ}$ C and $8^{\circ}$ C to $9^{\circ}$ C, respectively.	Sky is likely to be mainly clear the coming week
■ Relative humidity varied from 30% to 99%.	■ Relative Humidity is likely to range from 28% to 89%.
<ul> <li>Wind speed ranged from 1 to 2 kmph</li> </ul>	■ Wind speed may reach upto 4-5 kmph
	Wind direction will be mostly southeasterly

### **General Recommendations**

• Remove disease infected plants parts from the field. Removing infected fruit and plant debris from the field can reduce the amount of pathogen inoculum that could move into the healthy plant parts. As soon as symptoms appear, collect, bag and destroy or pile diseased material away from fields

•

# Field crops

Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories	
Green gram, summer maize			Land preparation should be started	
Toria	Harvesting stage	-	Harvesting should be carried out when the pods turn yellow and it should preferably be done in the early hours during morning as the moisture accumulated during night prevent the splitting of pods	
Rabi maize	Harvesting stage		Weather will be favorable for harvesting	
Linseed/lent il	Maturing stage		Soil moisture conservation techniques like mulching with crop residue is recommended	
Horticultural crop				

Khasi	Harvesting stage		At harvest, carefully pick only healthy produce and avoid any mechanical		
mandarin	Trai vesting stage		damage on the fruit or other plant parts harvested. Damage such as small		
manaarm			wounds or bruises can be the point of entrance of microorganisms that can		
			compromise fruit quality while in transit or storage		
Vacatables	Homzostina		Harvesting should be carried out.		
Vegetables	Harvesting		Harvesting shouta be carried out.		
Cauliflower,	Harvesting stage		Harvest cabbage when heads are firm but tender. Cabbage and cauliflower		
cabbage,			can be stored at $0-2^{\circ}C$ for four to six weeks		
cuobuge,			can be stored at 0-2 C for four to six weeks		
Litchi		Bark eating	The caterpillar bore inside the trunk or main stem. During night they came		
		caterpillar	out and feed on the bark of the stem. The stem becomes weak and ultimately		
		fall on the ground.			
Ginger /	Maturity stage		For Ginger and turmeric, field must be inspected daily for disease		
turmeric	eric appearance. While inspecting, the healthy plants/plots must be marked and				
			kept for planting in the next season. Marking has to be done properly		
			otherwise when plant matures and gets dried up, it will be very difficult to		
			find out the marked plots.		
			Livestock		
	*		ainst FMD, Brucellosis, Haemorrahagic Septicaemia, Anthrax		
• Anim	als should be given	mineral mixture	e along with salt regularly and wheat grains, jaggery etc. may be provided @		
10%	- 20% in the daily rat	ion during wint	er season to meet the energy requirement of the animals		
• Anim	als should be given l	ukewarm feed a	and water to drink		
• To m	aintain the body temp	perature of anim	als in milk, they should be fed with a mixture of oil cakes and jaggery		
Poultry	Sick birds should be isolated from rest of the flocks				
	Provision for footbath and restriction of visitors				
	Medication procedure should be followed based on seasonal outbreaks				
Piggery	Deworm the pig with suitable anthelminthis				
	FMD and classical swine fever vaccination is to be done				
	Provide vit	amin and miner	al supplements to pregnant sows		
	Provide exp	posure to sunlig	ht for piglets		
	Fisheries				



- Drain the pond (if the pond is an old one from which the fish have been harvested). Remove silt on the pond bottom; this can be used as fertilizer.
- Apply lime to condition the soil. Liming activates fertilizers and controls acidic soils which may harm the fish

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