




Integrated Agromet Advisory Service Bulletin from 28th Feb to 4th March '18 Dimapur District

Bulletin No:17/2018

<i>Weather summary of the preceding week</i>			<i>Weather forecast valid upto 4th March 2018</i>
<ul style="list-style-type: none"> light rain occurred the past week Maximum and minimum temperatures ranged 24⁰C to 25⁰C and 12⁰C to 13⁰C, respectively. Relative humidity varied from 22% to 88%. Wind speed ranged from 2 to 3 kmph 			<ul style="list-style-type: none"> Probability of no rain the coming week. Max temp is likely to be 23⁰C - 24⁰C and the min temp 12⁰C to 13⁰C Sky is likely to be clear the coming week Relative Humidity is likely to range from 21% to 78%. Wind speed may reach upto 3- 4 kmph Wind direction will be easterly
General Recommendations <ul style="list-style-type: none"> 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 			
<i>Field crops</i>			
Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
<i>Green gram, summer maize</i>			<i>Land preparation should be started</i>
<i>Toria</i>	Harvesting stage	-	<i>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</i>
<i>Rabi maize</i>	Harvesting stage		<i>Weather will be favorable for harvesting</i>
<i>Linseed/lentil</i>	Maturing stage		<i>Soil moisture conservation techniques like mulching with crop residue is recommended</i>
<i>Horticultural crop</i>			
<i>Khasi mandarin</i>	Harvesting stage		<i>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</i>
<i>Vegetables</i>	Harvesting		<i>Harvesting should be carried out.</i>

	Cauliflower, cabbage,	Harvesting stage		<i>Harvest cabbage when heads are firm but tender. Cabbage and cauliflower can be stored at 0-2°C for four to six weeks</i>
	Litchi		Bark eating caterpillar	<i>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.</i>
	Ginger / turmeric	Maturity stage		<i>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.</i>
	<p style="text-align: center;"><i>Livestock</i></p> <ul style="list-style-type: none"> • Ensure periodic vaccination of animals against FMD, Brucellosis, Haemorrhagic 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 			
	Poultry	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • Deworm the pig with suitable anthelmintics • FMD and classical swine fever vaccination is to be done • Provide vitamin and mineral supplements to pregnant sows • Provide exposure to sunlight for piglets 		
	<p style="text-align: center;"><i>Fisheries</i></p>			
			<ul style="list-style-type: none"> • 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 	

SCIENTIFIC EXPERT COMMITTEE

Sl.no	Name	Designation	Department	
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1	Dr.D.J. Rajkhowa	Principle Scientist	Agronomy	djrajkhowa@gmail.com
2	Dr. L.K. Baishya	Senior Scientist	Agronomy	lkbicar@gmail.com
3	Ph. Romen Sharma	Scientist	Agricultural Extension	romen.agext@gmail.com
4	Dr. Rajesha G	Scientist	Plant Pathology	rajeshag337@gmail.com
5	Dr. Mahak Singh	Scientist	Animal Reproduction & Gynaecology	mahaksinghivri@gmail.com
6	Dr. Azeze Seyie	Scientist	Spices, Plantation & Medicinal & Aromatic Plants	azezeseyie@yahoo.com
7	Jyotish Barman	Scientist	Fisheries Resource Management	jyotish5@gmail.com
8	Aabon W Yanthan	Scientist	Vegetable Science	aabon.iari@gmail.com



Integrated Agromet Advisory Service Bulletin from 28th Feb to 4th March '18 Kiphire District

Bulletin No:17/2018

Weather summary of the preceding week

- Light rain occurred the past week
- Maximum and minimum temperatures ranged 22⁰C to 23⁰C and 7⁰C to 9⁰C, respectively.
- Relative humidity varied from 26% to 88%.
- Wind speed ranged from 3 to 4 kmph

Weather forecast valid upto 4th March 2018

- Probability of light rain the coming week.
- **Max temp** is likely to be 22⁰C - 23⁰C and the **min temp** 9⁰C to 10⁰C
- **Sky is likely to be mainly clear** the coming week
- **Relative Humidity** is likely to range from 22% to 93%.
- **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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Field crops

Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
<i>Green gram, summer maize</i>			<i>Land preparation should be started</i>
<i>Toria</i>	Harvesting stage	-	<i>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</i>
<i>Rabi maize</i>	Harvesting stage		<i>Weather will be favorable for harvesting</i>
<i>Linseed/lentil</i>	Maturing stage		<i>Soil moisture conservation techniques like mulching with crop residue is recommended</i>

Horticultural crop

<i>Khasi mandarin</i>	Harvesting stage		<i>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</i>
<i>Vegetables</i>	Harvesting		<i>Harvesting should be carried out.</i>

	Cauliflower, cabbage,	Harvesting stage		<i>Harvest cabbage when heads are firm but tender. Cabbage and cauliflower can be stored at 0-2° C for four to six weeks</i>
	Litchi		Bark eating caterpillar	<i>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.</i>
	Ginger / turmeric	Maturity stage		<i>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.</i>
	<p style="text-align: center;"><i>Livestock</i></p> <ul style="list-style-type: none"> • Ensure periodic vaccination of animals against FMD, Brucellosis, Haemorrhagic 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 			
	Poultry	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • 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 		
<p style="text-align: center;"><i>Fisheries</i></p>				
		<ul style="list-style-type: none"> • 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 		

SCIENTIFIC EXPERT COMMITTEE

Sl.no	Name	Designation	Department	
1	Dr.D.J. Rajkhowa	Principle Scientist	Agronomy	djrajkhowa@gmail.com
2	Dr. L.K. Baishya	Senior Scientist	Agronomy	lkbicar@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
6	Dr. Azeze Seyie	Scientist	Spices, Plantation & Medicinal & Aromatic Plants	azezeseyie@yahoo.com
7	Jyotish Barman	Scientist	Fisheries Resource Management	jyotish5@gmail.com
8	Aabon W Yanthan	Scientist	Vegetable Science	aabon.iari@gmail.com



Integrated Agromet Advisory Service Bulletin from 28th Feb to 4th March '18 Kohima District

Bulletin No:17/2018

Weather summary of the preceding week

- light rain occurred the past week
- Maximum and minimum temperatures ranged 23⁰C to 24⁰C and 9⁰C to 10⁰C, respectively.
- Relative humidity varied from 25% to 95%.
- Wind speed ranged from 3 to 4 kmph

Weather forecast valid upto 4th March 2018

- Probability of light rain the coming week.
- Max temp** is likely to be 20⁰C - 21⁰C and the **min temp** 7⁰C to 8⁰C
- Sky is likely to be mainly clear** the coming week
- Relative Humidity** is likely to range from 30% to 97%.
- Wind speed** may reach upto 2-3 kmph
- Wind direction** will be mostly south 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

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
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	Vegetables	Harvesting		<i>Harvesting should be carried out.</i>
	Cauliflower, cabbage,	Harvesting stage		<i>Harvest cabbage when heads are firm but tender. Cabbage and cauliflower can be stored at 0-2°C for four to six weeks</i>
	Litchi		Bark eating caterpillar	<i>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.</i>
	Ginger / turmeric	Maturity stage		<i>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.</i>
	<p style="text-align: center;"><i>Livestock</i></p> <ul style="list-style-type: none"> • Ensure periodic vaccination of animals against FMD, Brucellosis, Haemorrhagic 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 			
	Poultry	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • 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 		
	<p style="text-align: center;"><i>Fisheries</i></p>			
		<ul style="list-style-type: none"> • 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 		

SCIENTIFIC EXPERT COMMITTEE

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8	Aabon W Yanthan	Scientist	Vegetable Science	aabon.iari@gmail.com



Integrated Agromet Advisory Service Bulletin from 28th Feb to 4th March '18 Longleng District

Bulletin No:17/2018

Weather summary of the preceding week

- Light rain occurred the past week
- Maximum and minimum temperatures ranged 24⁰C to 25⁰C and 10⁰C to 11⁰C, respectively.
- Relative humidity varied from 30% to 95%.
- Wind speed ranged from 1 to 2 kmph

Weather forecast valid upto 4th March 2018

- Probability of no rain the coming week.
- **Max temp** is likely to be 23⁰C - 24⁰C and the **min temp** 10⁰C to 11⁰C
- **Sky is likely to be clear** the coming week
- **Relative Humidity** is likely to range from 27% to 94%.
- **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 crops

Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
<i>Green gram, summer maize</i>			<i>Land preparation should be started</i>
<i>Toria</i>	Harvesting stage	-	<i>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</i>
<i>Rabi maize</i>	Harvesting stage		<i>Weather will be favorable for harvesting</i>
<i>Linseed/lentil</i>	Maturing stage		<i>Soil moisture conservation techniques like mulching with crop residue is recommended</i>

Horticultural crop

<i>Khasi mandarin</i>	Harvesting stage		<i>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</i>
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SCIENTIFIC EXPERT COMMITTEE		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
				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.
Sl.no	Name	Designation	Department		
1	Dr.D.J. Raikhowa	Principle Scientist	Agronomy		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 diseased, it will be very difficult to find out the marked plots.
2	Dr. L.K. Baishya	Senior Scientist	Agronomy		
3	Ph. Romen Sharma	Scientist	Agricultural Extension		
4	Dr. Rajesh G	Scientist	Plant Pathology		
5	Dr. Mahak Singh	Scientist	Animal Reproduction & Gynaecology		
6	Dr. Azeze Seyie	Scientist	Spices, Plantation & Medicinal & Aromatic Plants		
7	Jyotish Barman	Scientist	Fisheries Resource Management		
8	Aabon W Yanthan	Scientist	Vegetable Science		
		Poultry	<ul style="list-style-type: none">Sick birds should be isolated from rest of the flocksProvision for footbath and restriction of visitorsMedication procedure should be followed based on seasonal outbreaks		
		Piggery	<ul style="list-style-type: none">Deworm the pig with suitable anthelminthisFMD and classical swine fever vaccination is to be doneProvide vitamin and mineral supplements to pregnant sowsProvide exposure to sunlight for piglets		
Fisheries					
			<ul style="list-style-type: none">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		



Integrated Agromet Advisory Service Bulletin from 28th Feb to 4th March '18 Mokokchung District

Bulletin No:17/2018

Weather summary of the preceding week			Weather forecast valid upto 4 th March 2018		
<ul style="list-style-type: none">▪ Light rain occurred the past week▪ Maximum and minimum temperatures ranged 24⁰C to 25⁰C and 10⁰C to 11⁰C, respectively.▪ Relative humidity varied from 42% to 90%.▪ Wind speed ranged from 1 to 2 kmph			<ul style="list-style-type: none">▪ Probability of light rain the coming week.▪ Max temp is likely to be 23⁰C - 24⁰C and the min temp 10⁰C to 11⁰C▪ Sky is likely to be mainly clear the coming week▪ Relative Humidity is likely to range from 27% to 90%.▪ Wind speed may reach upto 4- 5 kmph▪ Wind direction will be southeasterly		
General Recommendations <ul style="list-style-type: none">• 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		
<i>Green gram, summer maize</i>			<i>Land preparation should be started</i>		
<i>Toria</i>	Harvesting stage	-	<i>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</i>		
<i>Rabi maize</i>	Harvesting stage		<i>Weather will be favorable for harvesting</i>		
<i>Linseed/lentil</i>	Maturing stage		<i>Soil moisture conservation techniques like mulching with crop residue is recommended</i>		
Horticultural crop					
<i>Khasi mandarin</i>	Harvesting stage		<i>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</i>		

Vegetables	Harvesting		<i>Harvesting should be carried out.</i>
Cauliflower, cabbage,	Harvesting stage		<i>Harvest cabbage when heads are firm but tender. Cabbage and cauliflower can be stored at 0-2° C for four to six weeks</i>
Litchi		Bark eating caterpillar	<i>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.</i>
Ginger / turmeric	Maturity stage		<i>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.</i>
<i>Livestock</i>			
<ul style="list-style-type: none">• Ensure periodic vaccination of animals against FMD, Brucellosis, Haemorrhagic 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			
Poultry	<ul style="list-style-type: none">• 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	<ul style="list-style-type: none">• 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		
<i>Fisheries</i>			
	<ul style="list-style-type: none">• 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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Integrated Agromet Advisory Service Bulletin from 28th Feb to 4th March '18 Mon District

Bulletin No:17/2018

<i>Weather summary of the preceding week</i>	<i>Weather forecast valid upto 4th March 2018</i>
<ul style="list-style-type: none"> Light rain occurred the past week Maximum and minimum temperatures ranged 24⁰C to 25⁰C and 10⁰C to 11⁰C, respectively. Relative humidity varied from 30% to 91% Wind speed ranged from 2 to 4 kmph 	<ul style="list-style-type: none"> Probability of light rain the coming week. Max temp is likely to be 22⁰C - 23⁰C and the min temp 9⁰C to 10⁰C Sky is likely to be mainly clear the coming week Relative Humidity is likely to range from 29% to 90%. Wind speed may reach upto 4- 6 kmph Wind direction will be southeasterly

General Recommendations <ul style="list-style-type: none"> 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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Field crops

Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
<i>Green gram, summer maize</i>			<i>Land preparation should be started</i>
<i>Toria</i>	Harvesting stage	-	<i>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</i>
<i>Rabi maize</i>	Harvesting stage		<i>Weather will be favorable for harvesting</i>
<i>Linseed/lentil</i>	Maturing stage		<i>Soil moisture conservation techniques like mulching with crop residue is recommended</i>

Horticultural crop

<i>Khasi mandarin</i>	Harvesting stage		<i>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</i>
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			<i>compromise fruit quality while in transit or storage</i>
Vegetables	Harvesting		<i>Harvesting should be carried out.</i>
Cauliflower, cabbage,	Harvesting stage		<i>Harvest cabbage when heads are firm but tender. Cabbage and cauliflower can be stored at 0-2°C for four to six weeks</i>
Litchi		Bark eating caterpillar	<i>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.</i>
Ginger / turmeric	Maturity stage		<i>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.</i>
<p style="text-align: center;">Livestock</p> <ul style="list-style-type: none"> • Ensure periodic vaccination of animals against FMD, Brucellosis, Haemorrhagic 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 			
Poultry	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • 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 		
<p style="text-align: center;">Fisheries</p>			
		<ul style="list-style-type: none"> • 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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Integrated Agromet Advisory Service Bulletin from 28th Feb to 4th March '18

Mon District

Bulletin No:17/2018

<i>Weather summary of the preceding week</i>	<i>Weather forecast valid upto 4th March 2018</i>
<ul style="list-style-type: none"> Light rain occurred the past week Maximum and minimum temperatures ranged 24⁰C to 25⁰C and 10⁰C to 11⁰C, respectively. Relative humidity varied from 30% to 91% Wind speed ranged from 2 to 4 kmph 	<ul style="list-style-type: none"> Probability of light rain the coming week. Max temp is likely to be 22⁰C - 23⁰C and the min temp 9⁰C to 10⁰C Sky is likely to be mainly clear the coming week Relative Humidity is likely to range from 29% to 90%. 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
<i>Green gram, summer maize</i>			<i>Land preparation should be started</i>
<i>Toria</i>	Harvesting stage	-	<i>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</i>
<i>Rabi maize</i>	Harvesting stage		<i>Weather will be favorable for harvesting</i>
<i>Linseed/lentil</i>	Maturing stage		<i>Soil moisture conservation techniques like mulching with crop residue is recommended</i>

Horticultural crop

<i>Khasi mandarin</i>	Harvesting stage		<i>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</i>
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				<i>compromise fruit quality while in transit or storage</i>
	Vegetables	Harvesting		<i>Harvesting should be carried out.</i>
	Cauliflower, cabbage,	Harvesting stage		<i>Harvest cabbage when heads are firm but tender. Cabbage and cauliflower can be stored at 0-2°C for four to six weeks</i>
	Litchi		Bark eating caterpillar	<i>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.</i>
	Ginger / turmeric	Maturity stage		<i>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.</i>
	Livestock <ul style="list-style-type: none">• Ensure periodic vaccination of animals against FMD, Brucellosis, Haemorrhagic 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			
	Poultry	<ul style="list-style-type: none">• 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	<ul style="list-style-type: none">• 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			
			<ul style="list-style-type: none">• 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	



SCIENTIFIC EXPERT COMMITTEE

Sl.no	Name	Designation	Department	
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Integrated Agromet Advisory Service Bulletin from 28th Feb to 4th March '18

Peren District

Bulletin No:17/2018

Weather summary of the preceding week

- Light rain occurred the past week
- Maximum and minimum temperatures ranged 24⁰C to 25⁰C and 9⁰C to 10⁰C, respectively.
- Relative humidity varied from 27% to 93%.
- Wind speed ranged from 2 to 3 kmph

Weather forecast valid upto 4th March 2018

- Probability of light rain the coming week.
- **Max temp** is likely to be 22⁰C - 23⁰C and the **min temp** 9⁰C to 10⁰C
- **Sky is likely to be mainly clear** the coming week
- **Relative Humidity** is likely to range from 28% to 90%.
- **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
<i>Green gram, summer maize</i>			<i>Land preparation should be started</i>
<i>Toria</i>	Harvesting stage	-	<i>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</i>
<i>Rabi maize</i>	Harvesting stage		<i>Weather will be favorable for harvesting</i>
<i>Linseed/lentil</i>	Maturing stage		<i>Soil moisture conservation techniques like mulching with crop residue is recommended</i>

Horticultural crop

<i>Khasi mandarin</i>	Harvesting stage		<i>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</i>
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	Vegetables	Harvesting		<i>Harvesting should be carried out.</i>
	Cauliflower, cabbage,	Harvesting stage		<i>Harvest cabbage when heads are firm but tender. Cabbage and cauliflower can be stored at 0-2°C for four to six weeks</i>
	Litchi		Bark eating caterpillar	<i>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.</i>
	Ginger / turmeric	Maturity stage		<i>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.</i>
	<p style="text-align: center;"><i>Livestock</i></p> <ul style="list-style-type: none"> • Ensure periodic vaccination of animals against FMD, Brucellosis, Haemorrhagic 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 			
	Poultry	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • Deworm the pig with suitable anthelmintic • FMD and classical swine fever vaccination is to be done • Provide vitamin and mineral supplements to pregnant sows • Provide exposure to sunlight for piglets 		
<p style="text-align: center;"><i>Fisheries</i></p>				
		<ul style="list-style-type: none"> • 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 		

SCIENTIFIC EXPERT COMMITTEE

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1	Dr.D.J. Rajkhowa	Principle Scientist	Agronomy	djrajkhowa@gmail.com
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5	Dr. Mahak Singh	Scientist	Animal Reproduction & Gynaecology	mahaksinghivri@gmail.com
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Integrated Agromet Advisory Service Bulletin from 28th Feb to 4th March '18 Phek District

Bulletin No:17/2018

Weather summary of the preceding week

- light rain occurred the past week
- Maximum and minimum temperatures ranged 24⁰C to 25⁰C and 8⁰C to 9⁰C, respectively.
- Relative humidity varied from 27% to 90%.
- Wind speed ranged from 1 to 2 kmph

Weather forecast valid upto 4th March 2018

- Probability of light rain the coming week.
- **Max temp** is likely to be 20⁰C - 21⁰C and the **min temp** 8⁰C to 9⁰C
- **Sky is likely to be mainly clear** the coming week
- **Relative Humidity** is likely to range from 29% to 93%.
- **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 crops

Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
<i>Green gram, summer maize</i>			<i>Land preparation should be started</i>
<i>Toria</i>	Harvesting stage	-	<i>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</i>
<i>Rabi maize</i>	Harvesting stage		<i>Weather will be favorable for harvesting</i>
<i>Linseed/lentil</i>	Maturing stage		<i>Soil moisture conservation techniques like mulching with crop residue is recommended</i>

Horticultural crop

	<i>Khasi mandarin</i>	Harvesting stage		<i>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</i>
	<i>Vegetables</i>	Harvesting		<i>Harvesting should be carried out.</i>
	<i>Cauliflower , cabbage,</i>	Harvesting stage		<i>Harvest cabbage when heads are firm but tender. Cabbage and cauliflower can be stored at 0-2°C for four to six weeks</i>
	<i>Litchi</i>		Bark eating caterpillar	<i>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.</i>
	<i>Ginger / turmeric</i>	Maturity stage		<i>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.</i>
	<p style="text-align: center;"><i>Livestock</i></p> <ul style="list-style-type: none"> • Ensure periodic vaccination of animals against FMD, Brucellosis, Haemorrhagic 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 			
	<i>Poultry</i>	<ul style="list-style-type: none"> • 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 		
	<i>Piggery</i>	<ul style="list-style-type: none"> • 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 		
	<p style="text-align: center;"><i>Fisheries</i></p>			



- 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

SCIENTIFIC EXPERT COMMITTEE

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Integrated Agromet Advisory Service Bulletin from 28th Feb to 4th March '18 Tuensang District

Bulletin No:17/2018

Weather summary of the preceding week

- light rain occurred the past week
- Maximum and minimum temperatures ranged 20⁰C to 21⁰C and 6⁰C to 7⁰C, respectively.
- Relative humidity varied from 25% to 95%.
- Wind speed ranged from 2 to 3 kmph

Weather forecast valid upto 4th March 2018

- Probability of light rain the coming week.
- **Max temp** is likely to be 18⁰C - 19⁰C and the **min temp** 6⁰C to 8⁰C
- **Sky is likely to be mainly clear** the coming week
- **Relative Humidity** is likely to range from 24% to 95%.
- **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	-	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
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	Vegetables	Harvesting		<i>Harvesting should be carried out.</i>
	Cauliflower, cabbage,	Harvesting stage		<i>Harvest cabbage when heads are firm but tender. Cabbage and cauliflower can be stored at 0-2°C for four to six weeks</i>
	Litchi		Bark eating caterpillar	<i>The caterpillar bore inside the trunk or main stem. During night they come out and feed on the bark of the stem. The stem becomes weak and ultimately fall on the ground.</i>
	Ginger / turmeric	Maturity stage		<i>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.</i>
	<p style="text-align: center;">Livestock</p> <ul style="list-style-type: none"> • Ensure periodic vaccination of animals against FMD, Brucellosis, Haemorrhagic 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 			
	Poultry	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • Deworm the pig with suitable anthelmintic • FMD and classical swine fever vaccination is to be done • Provide vitamin and mineral supplements to pregnant sows • Provide exposure to sunlight for piglets 		
<p style="text-align: center;">Fisheries</p>				
		<ul style="list-style-type: none"> • 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 		

SCIENTIFIC EXPERT COMMITTEE

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Integrated Agromet Advisory Service Bulletin from 28th Feb to 4th March '18 Wokha District

Bulletin No:17/2018

Weather summary of the preceding week

- light rain occurred the past week
- Maximum and minimum temperatures ranged 24⁰C to 25⁰C and 9⁰C to 10⁰C, respectively.
- Relative humidity varied from 27% to 90%.
- Wind speed ranged from 3 to 4 kmph

Weather forecast valid upto 4th March 2018

- Probability of light rain the coming week.
- **Max temp** is likely to be 22⁰C - 23⁰C and the **min temp** 9⁰C to 10⁰C
- **Sky is likely to be clear** the coming week
- **Relative Humidity** is likely to range from 27% to 81%.
- **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 crops

Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
<i>Green gram, summer maize</i>			<i>Land preparation should be started</i>
<i>Toria</i>	Harvesting stage	-	<i>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</i>
<i>Rabi maize</i>	Harvesting stage		<i>Weather will be favorable for harvesting</i>
<i>Linseed/lentil</i>	Maturing stage		<i>Soil moisture conservation techniques like mulching with crop residue is recommended</i>

Horticultural crop

<i>Khasi mandarin</i>	Harvesting stage		<i>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</i>
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				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.
	<p style="text-align: center;">Livestock</p> <ul style="list-style-type: none"> • Ensure periodic vaccination of animals against FMD, Brucellosis, Haemorrhagic 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 			
	Poultry	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • Deworm the pig with suitable anthelmintics • FMD and classical swine fever vaccination is to be done • Provide vitamin and mineral supplements to pregnant sows • Provide exposure to sunlight for piglets 			
<p style="text-align: center;">Fisheries</p>				
		<ul style="list-style-type: none"> • 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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SCIENTIFIC EXPERT COMMITTEE

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Integrated Agromet Advisory Service Bulletin from 28th Feb to 4th March '18 Zunheboto District

Bulletin No:17/2018

Weather summary of the preceding week

- light rain occurred the past week
- Maximum and minimum temperatures ranged 23⁰C to 25⁰C and 8⁰C to 9⁰C, respectively.
- Relative humidity varied from 30% to 99%.
- Wind speed ranged from 1 to 2 kmph

Weather forecast valid upto 4th March 2018

- Probability of light rain the coming week.
- **Max temp** is likely to be 19⁰C - 20⁰C and the **min temp** 6⁰C to 7⁰C
- **Sky is likely to be mainly clear** the coming week
- **Relative Humidity** is likely to range from 28% to 89%.
- **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
<i>Green gram, summer maize</i>			<i>Land preparation should be started</i>
<i>Toria</i>	Harvesting stage	-	<i>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</i>
<i>Rabi maize</i>	Harvesting stage		<i>Weather will be favorable for harvesting</i>
<i>Linseed/lentil</i>	Maturing stage		<i>Soil moisture conservation techniques like mulching with crop residue is recommended</i>

Horticultural crop

	<i>Khasi mandarin</i>	Harvesting stage		<i>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</i>
	<i>Vegetables</i>	Harvesting		<i>Harvesting should be carried out.</i>
	<i>Cauliflower, cabbage,</i>	Harvesting stage		<i>Harvest cabbage when heads are firm but tender. Cabbage and cauliflower can be stored at 0-2°C for four to six weeks</i>
	<i>Litchi</i>		Bark eating caterpillar	<i>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.</i>
	<i>Ginger / turmeric</i>	Maturity stage		<i>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.</i>
	<i>Livestock</i> <ul style="list-style-type: none">• Ensure periodic vaccination of animals against FMD, Brucellosis, Haemorrhagic 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			
	<i>Poultry</i>	<ul style="list-style-type: none">• 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		
	<i>Piggery</i>	<ul style="list-style-type: none">• 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		
	<i>Fisheries</i>			



- 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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