

# **Integrated Agromet Advisory Service Bulletin from 1<sup>st</sup> to 5<sup>th</sup> Feb'17** Kohima District

Bulletin No:10/2017

Weather summary of the preceding week			Weather forecast valid upto 5 <sup>th</sup> Feb'17
<ul> <li>No rain occurre</li> </ul>			<ul> <li>Probability of no rain the coming week.</li> </ul>
Maximum and	minimum temperat	ures ranged 18	• Max temp is likely to be $24^{\circ}$ C - $25^{\circ}$ C and the min temp $8^{\circ}$ C to $9^{\circ}$ C
$^{0}$ C to 23 $^{0}$ C and	$6^{0}$ C to $8^{0}$ C, respecti	vely.	Sky is likely to be clear the coming week
Relative humid	lity varied from 21%	to 90%.	Relative Humidity is likely to range from 30% to 90%.
• Wind speed ran	nged from 1 to 2 km	ph	• Wind speed may reach upto 2- 4 kmph
			Wind direction will be easterly
Main Crops	Stage	Pest/	Agro-meteorological Advisories
		Diseases	

Field crops

## General Recommendations

- Conservation of soil moisture through locally available biomass mulching in all the crops.
- Utilization of harvested water stored in various structures like Jalkund is recommended through drip and sprinkler irrigation system
- Incorporate organic sources of nutrients (FYM, Vermicompost, Poultry manure, Pig manure, Goat/ Sheep manure, Mixed compost, Neem cake etc.) in to the soil

TRC/WRC paddy	Storage stage	• Paddy grains can be mixed with neem leaves at the time of storage to reduce storage pests.
Toria	Flowering to maturing stage	<ul> <li>Soil moisture conservation techniques like mulching with crop residue is recommended</li> <li>Keep the field free from weeds and daily scouting of the field should be done for aphid.</li> </ul>
Rabi maize	Maturing stage	Provide mulching to conserve moisture

## Horticultural crop

- Soils may be mulched with a variety of materials (straw, grass, other beneficial plant materials, *etc.*) to help retain moisture
- Growing rice on the same plots after ginger will help to reduce the menace of wilt problem in ginger due to *Ralstonia* solanacearum.

• Always remove from the growing area plant materials that show signs of a disease and destroy them or place them in the trash. Maintaining crop hygiene is an essential step for successful farming.

Mandarin	Fruiting to harvesting stage		• Harvested fruits should be kept under <b>proper storage condition</b> to ensure that there is no change in the quality even after months of storage
Vegetables(cab bage, cauliflower)	Heading to harvesting stage		• Regular watering and weeding in main field is recommended. Regular monitoring for pest and disease incidence and collection and destruction of egg, larva, pupa and adult
		Red ant and cut worm	• Drenching of plant with mixture of water, cow urine and Neem oil 8 litre, 2 litre and 50 ml, respectively at weekly interval to avoid red ant and cut worms
Pea	Harvesting stage		• Cautious picking should be done to avoid plant damage.

### Livestock

### General Recommendations

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- 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
- Avoid feeding of damp and foul smelling feed to all livestock and poultry.

	Poultry	<ul> <li>Litter should be changed periodically and provide clean drinking water and change the water every day. Diseased and dead birds should be immediately removed.</li> <li>Protect from intense cold. Keep the shed wall covered during night. Proper ventilation must be provided to protect from moisture inside the shed. Litter must be kept dry.</li> </ul>
	Piggery	<ul> <li>Vaccinate all newly born piglets against swine fever at the age of 3 months followed by annual booster dose.</li> <li>Keep floor dry to avoid skin diseases.</li> </ul>
B	Fishery	• Check for any fish disease break out or fish mortality during winter months.



# Integrated Agromet Advisory Service Bulletin from 1<sup>st</sup> to 5<sup>th</sup> Feb'17 Longleng District

**Bulletin No:10/2017** 

	Weather summary of the preceding week			Weather forecast valid upto 5 <sup>th</sup> Feb'17
	<ul> <li>No rain occurred</li> </ul>			<ul> <li>Probability of light rain the coming week.</li> </ul>
	• Maximum and minimum temperatures ranged 25 <sup>o</sup> C			• Max temp is likely to be $24^{\circ}$ C - $26^{\circ}$ C and the min temp $10^{\circ}$ C to $11^{\circ}$ C
	to $29^{\circ}$ C and $10^{\circ}$ C	C to 11 <sup>0</sup> C, respectively.		Sky is likely to be mainly clear the coming week
	• Relative humidity varied from 21% to 89%.			Relative Humidity is likely to range from 30% to 90%.
	• Wind speed ranged from 1 to 2 kmph			Wind speed may reach upto 1- 2 kmph
				Wind direction will be easterly
	Main Crops	Stage	Pest/	Agro-meteorological Advisories
			Diseases	

Field crops

## General Recommendations

- Conservation of soil moisture through locally available biomass mulching in all the crops.
- Utilization of harvested water stored in various structures like Jalkund is recommended through drip and sprinkler irrigation system
- Incorporate organic sources of nutrients (FYM, Vermicompost, Poultry manure, Pig manure, Goat/ Sheep manure, Mixed compost, Neem cake etc.) in to the soil

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TRC/WRC paddy	Storage stage	• Paddy grains can be mixed with neem leaves at the time of storage to reduce storage pests.
Toria	Flowering to maturing stage	<ul> <li>Soil moisture conservation techniques like mulching with crop residue is recommended</li> <li>Keep the field free from weeds and daily scouting of the field should be done for aphid.</li> </ul>
Rabi maize	Maturing stage	Provide mulching to conserve moisture
		Hantion Items I anon

## Horticultural crop

- Soils may be mulched with a variety of materials (straw, grass, other beneficial plant materials, *etc.*) to help retain moisture
- Growing rice on the same plots after ginger will help to reduce the menace of wilt problem in ginger due to *Ralstonia* solanacearum.
- Always remove from the growing area plant materials that show signs of a disease and destroy them or place them in the trash. Maintaining crop hygiene is an essential step for successful farming.

	Mandarin	Fruiting to harvesting stage		• Harvested fruits should be kept under <b>proper storage condition</b> to ensure that there is no change in the quality even after months of storage
	Vegetables(cab bage, cauliflower)	age, harvesting stage		• Regular watering and weeding in main field is recommended. Regular monitoring for pest and disease incidence and collection and destruction of egg, larva, pupa and adult
			Red ant and cut worm	• Drenching of plant with mixture of water, cow urine and Neem oil 8 litre, 2 litre and 50 ml, respectively at weekly interval to avoid red ant and cut worms
	Pea	Harvesting stage		• Cautious picking should be done to avoid plant damage.
	10% - 20% in the daily ration during winter season to meet the energy requirement of the animals         • Avoid feeding of damp and foul smelling feed to all livestock and poultry.         • Poultry       • Litter should be changed periodically and provide clean drinking water and change the water evaluation.         • Diseased and dead birds should be immediately removed.       • Protect from intense cold. Keep the shed wall covered during night. Proper ventilation must			
	Piggery	<ul> <li>provided to protect from moisture inside the shed. Litter must be kept dry.</li> <li>Vaccinate all newly born piglets against swine fever at the age of 3 months followed by annual booster dose.</li> <li>Keep floor dry to avoid skin diseases.</li> </ul>		
)	Fishery	* * *		eak out or fish mortality during winter months.

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# **Integrated Agromet Advisory Service Bulletin from 1<sup>st</sup> to 5<sup>th</sup> Feb'17** Mokokchung District

Bulletin No:10/2017

Weather summary of the preceding week		ding week	Weather forecast valid upto 5 <sup>th</sup> Feb'17	
No rain occ	• No rain occurred the past week		Probability of no rain the coming week.	
			• Max temp is likely to be $25^{\circ}$ C - $27^{\circ}$ C and the min temp $10^{\circ}$ C to $11^{\circ}$ C	
$28^{\circ}$ C to $29^{\circ}$ C	C and $9^{\circ}$ C to $10^{\circ}$ C, respe	ectively.	Sky is likely to be clear the coming week	
Relative hur	• Relative humidity varied from 21% to 85%.		• <b>Relative Humidity</b> is likely to range from 25% to 85%.	
• Wind speed	• Wind speed ranged from 1 to 2 kmph		• Wind speed may reach upto 1- 2 kmph	
			Wind direction will be easterly	
Main Crops	Stage	Pest/	Agro-meteorological Advisories	
Diseases		Diseases		
			Field crops	

### **General Recommendations**

- Conservation of soil moisture through locally available biomass mulching in all the crops.
- Utilization of harvested water stored in various structures like Jalkund is recommended through drip and sprinkler irrigation system
- Incorporate organic sources of nutrients (FYM, Vermicompost, Poultry manure, Pig manure, Goat/ Sheep manure, Mixed compost, Neem cake etc.) in to the soil

TRC/WRC paddy	Storage stage		• Paddy grains can be mixed with neem leaves at the time of storage to reduce storage pests.
Toria	Flowering to maturing stage	-	<ul> <li>Soil moisture conservation techniques like mulching with crop residue is recommended</li> <li>Keep the field free from weeds and daily scouting of the field should be done for aphid.</li> </ul>
Rabi maize	Maturing stage		Provide mulching to conserve moisture

### Horticultural crop

- Soils may be mulched with a variety of materials (straw, grass, other beneficial plant materials, *etc.*) to help retain moisture
- Growing rice on the same plots after ginger will help to reduce the menace of wilt problem in ginger due to *Ralstonia* solanacearum.
- Always remove from the growing area plant materials that show signs of a disease and destroy them or place them in the trash. Maintaining crop hygiene is an essential step for successful farming.

Mandarin	Fruiting to harvesting stage		• Harvested fruits should be kept under <b>proper storage condition</b> to ensure that there is no change in the quality even after months of storage
Vegetables(cab bage, cauliflower)	Heading to harvesting stage	Red ant and cut worm	<ul> <li>Regular watering and weeding in main field is recommended. Regular monitoring for pest and disease incidence and collection and destruction of egg, larva, pupa and adult</li> <li>Drenching of plant with mixture of water, cow urine and Neem oil 8 litre, 2 litre and 50 ml, respectively at weekly interval to avoid red ant and cut worms</li> </ul>
Pea	Harvesting stage		• Cautious picking should be done to avoid plant damage.
• Animals 20% in th	eriodic vaccination of should be given mine he daily ration during	eral mixture alor winter season to	<i>Livestock</i> FMD, Brucellosis, Haemorrahagic Septicaemia, Anthrax ng with salt regularly and wheat grains, jaggery etc. may be provided @ 10% - meet the energy requirement of the animals to all livestock and poultry.
<ul> <li>Poultry</li> <li>Litter should be changed periodically and provide clean drinking water and change the water every Diseased and dead birds should be immediately removed.</li> <li>Protect from intense cold. Keep the shed wall covered during night. Proper ventilation must be provide provide clean drinking night.</li> </ul>			

• Vaccinate all newly born piglets against swine fever at the age of 3 months followed by annual booster dose.

protect from moisture inside the shed. Litter must be kept dry.

Check for any fish disease break out or fish mortality during winter months.

Keep floor dry to avoid skin diseases.

	Fishery
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Piggery

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# Integrated Agromet Advisory Service Bulletin from 1<sup>st</sup> to 5<sup>th</sup> Feb'17 Mon District

Bulletin No:10/2017

Weather summary of the preceding week			Weather forecast valid upto 5 <sup>th</sup> Feb'17
• No rain occurre			Probability of light rain the coming week.
• Maximum and minimum temperatures ranged			• Max temp is likely to be $25^{\circ}$ C - $26^{\circ}$ C and the min temp $10^{\circ}$ C to $11^{\circ}$ C
$25^{\circ}$ C to $29^{\circ}$ C and $10^{\circ}$ C to $11^{\circ}$ C, respectively.			Sky is likely to be partly cloudy the coming week
Relative humidity varied from 26% to 95%			Relative Humidity is likely to range from 30% to 85%.
• Wind speed ranged from 1 to 2 kmph			• Wind speed may reach upto 1- 2 kmph
			Wind direction will be easterly
Main Crops	Stage Pest/		Agro-meteorological Advisories
		Diseases	

Field crops

## General Recommendations

- Conservation of soil moisture through locally available biomass mulching in all the crops.
- Utilization of harvested water stored in various structures like Jalkund is recommended through drip and sprinkler irrigation system
- Incorporate organic sources of nutrients (FYM, Vermicompost, Poultry manure, Pig manure, Goat/ Sheep manure, Mixed compost, Neem cake etc.) in to the soil

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TRC/WRC paddy	Storage stage		• Paddy grains can be mixed with neem leaves at the time of storage to reduce storage pests.
Toria	Flowering to maturing stage	-	<ul> <li>Soil moisture conservation techniques like mulching with crop residue is recommended</li> <li>Keep the field free from weeds and daily scouting of the field should be done for aphid.</li> </ul>
Rabi maize	Maturing stage		• Provide mulching to conserve moisture

### Horticultural crop

## General Recommendations

- Soils may be mulched with a variety of materials (straw, grass, other beneficial plant materials, *etc.*) to help retain moisture
- Growing rice on the same plots after ginger will help to reduce the menace of wilt problem in ginger due to *Ralstonia* solanacearum.
- Always remove from the growing area plant materials that show signs of a disease and destroy them or place them in the trash. Maintaining crop hygiene is an essential step for successful farming.

ICAR RESEARCH COMPLEX FOR NEH REGION (Indian Council of Agricultural Research) NAGALAND CENTER, JHARNAPANI,MEDZIPHEMA

	Mandarin Vegetables(cabb	Fruiting to harvesting stage Heading to		<ul> <li>Harvested fruits should be kept under proper storage condition to ensure that there is no change in the quality even after months of storage</li> <li>Regular watering and weeding in main field is recommended.</li> </ul>			
	age, cauliflower)	harvesting stage	<i>Regular monitoring for pest and disease incidence and collection and destruction of egg, larva, pupa and adult</i>				
	,, <b>,</b> ,		Red ant and cut worm	• Drenching of plant with mixture of water, cow urine and Neem oil 8 litre, 2 litre and 50 ml, respectively at weekly interval to avoid red ant and cut worms			
	Pea	Harvesting stage		• Cautious picking should be done to avoid plant damage.			
	Tomato/ chilli	Fruiting to maturity stage		• Maintain an even moisture supply of water.			
	<ul> <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>Avoid feeding of damp and foul smelling feed to all livestock and poultry.</li> </ul>						
	<ul> <li>Poultry         <ul> <li>Litter should be changed periodically and provide clean drinking water and change the water every day. Diseased and dead birds should be immediately removed.</li> <li>Protect from intense cold. Keep the shed wall covered during night. Proper ventilation must be provided to protect from moisture inside the shed. Litter must be kept dry.</li> </ul> </li> </ul>						
	Piggery	• Vaccinate dose.	1 0	piglets against swine fever at the age of 3 months followed by annual booster			
Aligo 31-94 ICAR	Fishery	Check for	any fish disease	break out or fish mortality during winter months.			



# Integrated Agromet Advisory Service Bulletin from 1<sup>st</sup> to 5<sup>th</sup> Feb'17 Peren District

**Bulletin No:10/2017** 

			Bulletin No:10/2017
Weather sur	nmary of the preced	ling week	Weather forecast valid upto 5 <sup>th</sup> Feb'17
	ed the past week		Probability of no rain the coming week.
Maximum and	l minimum temper	atures ranged	• Max temp is likely to be $26^{\circ}$ C - $27^{\circ}$ C and the min temp $11^{\circ}$ C to $12^{\circ}$ C
$28^{\circ}$ C to $30^{\circ}$ C a	nd $9^{\circ}$ C to $10^{\circ}$ C, resp	bectively.	Sky is likely to be clear the coming week
• Relative humidity varied from 20% to 88%.			• <b>Relative Humidity</b> is likely to range from 22% to 90%.
• Wind speed ran	nged from 1 to 2 km	ph	• Wind speed may reach upto 2- 4 kmph
			Wind direction will be mostly easterly
Main Crops	Stage	Pest/	Agro-meteorological Advisories
		Diseases	
			Field crops
General Reco	mmendations		
• Remove	all weeds containing	g seeds, but kee	p other vegetative rests on the land because that will reduce evaporation.
			or early evening to reduce evaporation. Check and repair all tools and
-	y especially where		• • • •
		the thatch to pro	event evaporation losses.
TRC/WRC	Storage stage		• Paddy grains can be mixed with neem leaves at the time of storage to
paddy			reduce storage pests.
Toria	Flowering to	-	• Soil moisture conservation techniques like mulching with crop
	maturing stage		residue is recommended
			• Keep the field free from weeds and daily scouting of the field should
			be done for aphid.
Rabi maize	Maturing stage		Provide mulching to conserve moisture
linseed/lentil	Maturing stage		• Soil moisture conservation techniques like mulching with crop
			residue is recommended

## Horticultural crop

- Soils may be mulched with a variety of materials (straw, grass, other beneficial plant materials, etc.) to help retain moisture
- Growing rice on the same plots after ginger will help to reduce the menace of wilt problem in ginger due to *Ralstonia* solanacearum.
- Always remove from the growing area plant materials that show signs of a disease and destroy them or place them in the

trash. Maintai	ning crop hygiene i	is an essential s	tep for successful farming.
Mandarin	Fruiting to harvesting stage		• Harvested fruits should be kept under <b>proper storage condition</b> to ensure that there is no change in the quality even after months of storage
Vegetables(cab bage,	Heading to harvesting stage		• <i>Give light irrigation on every alternate day for proper growth of the plant mulching recommended</i>
cauliflower)		White rot or stalk rot	• Avoid excess moisture. Remove diseased leaves and destroy them
Pea	Maturity to harvesting stage		• Stake the plants for proper support and daily scouting of the field should be done for powdery mildew.
Tomato/ chilli	Fruiting to maturity stage		<ul> <li>Removed the infected leaves/ plant at timely interval</li> <li>Maintain an even moisture supply of water.</li> </ul>
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### 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
- Avoid feeding of damp and foul smelling feed to all livestock and poultry.

Poultry	• Vanaraja, a dual purpose bird is suitable for backyard rearing than the desi/local varieties whose production potential is very low. It thrives well under restricted feeding and limited managemental practices for backyard rearing. Its growth is faster, high egg laying and resistance to diseases qualities made.
Piggery	<ul> <li>Swine flu may occur in pig at all stages. It is a viral flu and highly contagious. Clinical signs include high fever, skin lesions, convulsions, constipation followed by diarrhea and vomiting, less appetite. Once the symptoms is noticed, immediately informed the nearby veterinary doctor</li> <li>Culling of infected animals and preemptive slaughter of susceptible animals within determined distances from the focus.</li> <li>Restriction of movement within a well-defined radius from the outbreak is applied to contain spread of the infection.</li> </ul>
Fishery	<ul> <li>The key to enhance pond productivity and improve soil and water conditions lies in adoption of proper management measures. If the management measures are followed accordingly, a good harvest can be expected.</li> <li>It is advisable to consult a fisheries expert prior to taking any management measures</li> </ul>





# **Integrated Agromet Advisory Service Bulletin from 1<sup>st</sup> to 5<sup>th</sup> Feb'17** Phek District

Bulletin No:10/2017

Wea	her summary of the pred	ceding week	Weather forecast valid upto 5 <sup>th</sup> Feb'17
	in occurred the past wee		Probability of no rain the coming week.
	num and minimum		
0		$^{10}C$ to 109 $^{10}C$ ,	Sky is likely to be clear the coming week
-	tively.		Relative Humidity is likely to range from 21% to 95%.
	ve humidity varied from		• Wind speed may reach upto 1- 2 kmph
Wind	speed ranged from 1 to 2	2 kmph	Wind direction will be mostly easterly
Ma	n Stage	Pest/	Agro-meteorological Advisories
Cro	os	Diseases	

Field crops

### **General Recommendations**

- Conservation of soil moisture through locally available biomass mulching in all the crops. •
- Utilization of harvested water stored in various structures like Jalkund is recommended through drip and sprinkler irrigation ٠ system
- Incorporate organic sources of nutrients (FYM, Vermicompost, Poultry manure, Pig manure, Goat/ Sheep manure, Mixed compost, Neem cake etc.) in to the soil

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TRC/WRC paddy	Storage stage		• Paddy grains can be mixed with neem leaves at the time of storage to reduce storage pests.
Toria	Flowering to maturing stage	-	<ul> <li>Soil moisture conservation techniques like mulching with crop residue is recommended</li> <li>Keep the field free from weeds and daily scouting of the field should be done for aphid.</li> </ul>
Rabi maize	Maturing stage		• Provide mulching to conserve moisture
			Horticultural crop

- Soils may be mulched with a variety of materials (straw, grass, other beneficial plant materials, etc.) to help retain moisture
- Growing rice on the same plots after ginger will help to reduce the menace of wilt problem in ginger due to Ralstonia

solanacearum.

भाकुंअनुष ICAR • Always remove from the growing area plant materials that show signs of a disease and destroy them or place them in the trash. Maintaining crop hygiene is an essential step for successful farming.

	Fruiting to harvesting stage		• Harvested fruits should be kept under <b>proper storage condition</b> to ensure that there is no change in the quality even after months of storage
Vegetables( cabbage, cauliflower)	Heading to harvesting stage		• Regular watering and weeding in main field is recommended. Regular monitoring for pest and disease incidence and collection and destruction of egg, larva, pupa and adult
• •		Red ant and cut worm	• Drenching of plant with mixture of water, cow urine and Neem oil 8 litre, 2 litre and 50 ml, respectively at weekly interval to avoid red ant and cut worms
Pea	Harvesting stage		• Cautious picking should be done to avoid plant damage.
			Livestock
Anima	als should be given	mineral mixtur	
<ul> <li>Anima 20% in</li> <li>Avoid</li> </ul>	als should be given n the daily ration de feeding of damp a	mineral mixtur uring winter sea nd foul smelling	re along with salt regularly and wheat grains, jaggery etc. may be provided @ 10% - son to meet the energy requirement of the animals g feed to all livestock and poultry.
• Anima 20% ii	als should be given n the daily ration du feeding of damp a • <i>Litter sho</i>	mineral mixtur uring winter sea nd foul smelling uld be changed	e along with salt regularly and wheat grains, jaggery etc. may be provided @ 10% - son to meet the energy requirement of the animals
<ul> <li>Anima 20% in</li> <li>Avoid</li> </ul>	<ul> <li>als should be given n the daily ration du feeding of damp a</li> <li>Litter sho Diseased a</li> <li>Protect fr</li> </ul>	mineral mixtur aring winter sea nd foul smelling uld be changed and dead birds a om intense cold	The along with salt regularly and wheat grains, jaggery etc. may be provided @ 10% - son to meet the energy requirement of the animals g feed to all livestock and poultry.
<ul> <li>Anima 20% in</li> <li>Avoid</li> </ul>	<ul> <li>als should be given n the daily ration de feeding of damp a</li> <li>Litter sho Diseased a</li> <li>Protect fre protect fre</li> <li>Vaccinate</li> </ul>	mineral mixtur aring winter sea nd foul smelling uld be changed and dead birds om intense cold om moisture inst	<ul> <li>a long with salt regularly and wheat grains, jaggery etc. may be provided @ 10% - son to meet the energy requirement of the animals g feed to all livestock and poultry.</li> <li><i>I periodically and provide clean drinking water and change the water every day.</i></li> <li><i>should be immediately removed.</i></li> <li><i>I. Keep the shed wall covered during night. Proper ventilation must be provided to ide the shed. Litter must be kept dry.</i></li> <li><i>piglets against swine fever at the age of 3 months followed by annual booster dose.</i></li> </ul>



# **Integrated Agromet Advisory Service Bulletin from 1<sup>st</sup> to 5<sup>th</sup> Feb'17** Tuensang District

Weather summary of the preceding week			Weather forecast valid upto 5 <sup>th</sup> Feb'17
			Probability of no rain the coming week.
• Maximum and minimum temperatures ranged			• Max temp is likely to be $24^{\circ}$ C - $26^{\circ}$ C and the min temp $10^{\circ}$ C to $12^{\circ}$ C
$28^{\circ}$ C to $29^{\circ}$ C	and $9^{\circ}$ C to $10^{\circ}$ C, re	espectively.	Sky is likely to be clear the coming week
Relative hum	idity varied from 22	2% to 95%.	Relative Humidity is likely to range from 35% to 94%.
• Wind speed	ranged from 1 to 2	kmph	Wind speed may reach upto 1 - 2 kmph
			• Wind direction will be mostly easterly
Main Crops	Stage	Pest/	Agro-meteorological Advisories
		Diseases	
			Field crops

### **General Recommendations**

- Conservation of soil moisture through locally available biomass mulching in all the crops.
- Utilization of harvested water stored in various structures like Jalkund is recommended through drip and sprinkler irrigation system
- Incorporate organic sources of nutrients (FYM, Vermicompost, Poultry manure, Pig manure, Goat/ Sheep manure, Mixed compost, Neem cake etc.) in to the soil

TRC/WRC paddy	Storage stage	• Paddy grains can be mixed with neem leaves at the time of storage to reduce storage pests.
Toria	Flowering to maturing stage	<ul> <li>Soil moisture conservation techniques like mulching with crop residue is recommended</li> <li>Keep the field free from weeds and daily scouting of the field should be done for aphid.</li> </ul>
Rabi maize	Maturing stage	Provide mulching to conserve moisture

### Horticultural crop

- Soils may be mulched with a variety of materials (straw, grass, other beneficial plant materials, *etc.*) to help retain moisture
- Growing rice on the same plots after ginger will help to reduce the menace of wilt problem in ginger due to *Ralstonia* solanacearum.
- Always remove from the growing area plant materials that show signs of a disease and destroy them or place them in the

Mandarin	Fruiting to harvesting stage		• Harvested fruits should be kept under <b>proper storage condition</b> to ensure that there is no change in the quality even after months of storage
Vegetables(c abbage, cauliflower)	Heading to harvesting stage		• Regular watering and weeding in main field is recommended Regular monitoring for pest and disease incidence and collection and destruction of egg, larva, pupa and adult
<b>u</b> ,		Red ant and cut worm	• Drenching of plant with mixture of water, cow urine and Neem oil & litre, 2 litre and 50 ml, respectively at weekly interval to avoid red ant and cut worms
Pea	Harvesting stage		• Cautious picking should be done to avoid plant damage.
			Livestock
• Anima 10% -	ls should be given n 20% in the daily rati	nineral mixture on during winte	er season to meet the energy requirement of the animals
<ul> <li>Anima 10% -</li> <li>Avoid</li> </ul>	Is should be given n 20% in the daily rati feeding of damp and	nineral mixture on during winte l foul smelling f	along with salt regularly and wheat grains, jaggery etc. may be provided @ er season to meet the energy requirement of the animals feed to all livestock and poultry.
• Anima 10% -	Is should be given n 20% in the daily rati feeding of damp and • <i>Litter shoul</i>	nineral mixture on during winte I foul smelling f d be changed po	along with salt regularly and wheat grains, jaggery etc. may be provided @ er season to meet the energy requirement of the animals
<ul> <li>Anima 10% -</li> <li>Avoid</li> </ul>	<ul> <li>Is should be given main and 20% in the daily ratification of damp and feeding of damp and <i>Litter should Diseased an Diseased an Protect from</i></li> </ul>	nineral mixture on during winte I foul smelling f d be changed po ad dead birds sh n intense cold. I	along with salt regularly and wheat grains, jaggery etc. may be provided @ er season to meet the energy requirement of the animals feed to all livestock and poultry. eriodically and provide clean drinking water and change the water every day
<ul> <li>Anima 10% -</li> <li>Avoid</li> </ul>	<ul> <li>Is should be given main the daily ration feeding of damp and</li> <li>Litter should Diseased and</li> <li>Protect from to protect from to protect from dose.</li> <li>Keep floor of the figure of the floor of the floor</li></ul>	nineral mixture on during winte I foul smelling f d be changed pa d dead birds sh n intense cold. I <u>com moisture in</u> all newly born p	along with salt regularly and wheat grains, jaggery etc. may be provided @ er season to meet the energy requirement of the animals feed to all livestock and poultry. eriodically and provide clean drinking water and change the water every day hould be immediately removed. Keep the shed wall covered during night. Proper ventilation must be provided side the shed. Litter must be kept dry. biglets against swine fever at the age of 3 months followed by annual booste

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# **Integrated Agromet Advisory Service Bulletin from 1<sup>st</sup> to 5<sup>th</sup> Feb'17** Wokha District

Bulletin No:10/2017

Weather su	ummary of the preced	ing week	Weather forecast valid upto 5 <sup>th</sup> Feb'17
No rain occur	red the past week		Probability of no rain the coming week.
Maximum an	d minimum temper	atures ranged	• Max temp is likely to be $25^{\circ}$ C - $26^{\circ}$ C and the min temp $10^{\circ}$ C to $11^{\circ}$ C
$28^{\circ}$ C to $29^{\circ}$ C a	and $8^{\circ}$ C to $10^{\circ}$ C, respe	ctively.	Sky is likely to be clear the coming week
Relative humi	dity varied from 21%	to 81%.	Relative Humidity is likely to range from 22% to 95%.
• Wind speed ra	nged from 2 to 4 kmp	h	Wind speed may reach upto 2- 4 kmph
_			Wind direction will be mostly easterly
Main Crops	Stage	Pest/	Agro-meteorological Advisories
		Diseases	
			Field crops

### General Recommendations

- Conservation of soil moisture through locally available biomass mulching in all the crops.
- Utilization of harvested water stored in various structures like Jalkund is recommended through drip and sprinkler irrigation system
- Incorporate organic sources of nutrients (FYM, Vermicompost, Poultry manure, Pig manure, Goat/ Sheep manure, Mixed compost, Neem cake etc.) in to the soil

	1 / /	
TRC/WRC paddy	Storage stage	• Paddy grains can be mixed with neem leaves at the time of storage to reduce storage pests.
Toria	Flowering to maturing stage	<ul> <li>Soil moisture conservation techniques like mulching with crop residue is recommended</li> <li>Keep the field free from weeds and daily scouting of the field should be done for aphid.</li> </ul>
Rabi maize	Maturing stage	Provide mulching to conserve moisture
		Horticultural eron

### Horticultural crop

## General Recommendations

- Soils may be mulched with a variety of materials (straw, grass, other beneficial plant materials, *etc.*) to help retain moisture
- Growing rice on the same plots after ginger will help to reduce the menace of wilt problem in ginger due to *Ralstonia* solanacearum.

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			aterials that show signs of a disease and destroy them or place them in the p for successful farming.
Mandarin	Fruiting to harvesting stage		• Harvested fruits should be kept under <b>proper storage condition</b> to ensure that there is no change in the quality even after months of storage
Vegetables(ca bbage, cauliflower)	Heading to harvesting stage		• Regular watering and weeding in main field is recommended. Regular monitoring for pest and disease incidence and collection and destruction of egg, larva, pupa and adult
		Red ant and cut worm	• Drenching of plant with mixture of water, cow urine and Neem oil 8 litre, 2 litre and 50 ml, respectively at weekly interval to avoid red ant and cut worms
Pea	Harvesting stage		• Cautious picking should be done to avoid plant damage.
<ul> <li>Ensure p</li> <li>Animals</li> <li>10% - 20</li> </ul>	s should be given miner 0% in the daily ration d	ral mixture alouring winter se	at 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 I to all livestock and poultry.
Poultry	day. Diseased • Protect from	and dead bird intense cold.	riodically and provide clean drinking water and change the water every Is should be immediately removed. Keep the shed wall covered during night. Proper ventilation must be sture inside the shed. Litter must be kept dry.
Piggery		newly born pig	lets against swine fever at the age of $3$ months followed by annual booster
Fishery			eak out or fish mortality during winter months.

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# **Integrated Agromet Advisory Service Bulletin from 1<sup>st</sup> to 5<sup>th</sup> Feb'17** Zunheboto District

Bulletin No:10/2017

Weathe	summary of the prec	eding week	Weather forecast valid upto 5 <sup>th</sup> Feb'17
	ccurred the past week		• Probability of no rain the coming week.
• Maximur $26^{\circ}$ C to 2	and minimum tempe <sup>30</sup> C and 8 <sup>0</sup> C to 10 <sup>0</sup> C, r	espectively.	<ul> <li>Max temp is likely to be 25°C - 26°C and the min temp 10°C to 12°C</li> <li>Sky is likely to be clear the coming week</li> </ul>
• Relative	umidity varied from 2	3% to 90%.	<ul> <li>Relative Humidity is likely to range from 25% to 95%.</li> </ul>
• Wind sp	ed ranged from 1 to 2	kmph	• Wind speed may reach upto 1- 3 kmph
			Wind direction will be mostly easterly
Main Cro	s Stage	Pest/	Agro-meteorological Advisories
		Diseases	

Field crops

### **General Recommendations**

- Conservation of soil moisture through locally available biomass mulching in all the crops.
- Utilization of harvested water stored in various structures like Jalkund is recommended through drip and sprinkler irrigation system
- Incorporate organic sources of nutrients (FYM, Vermicompost, Poultry manure, Pig manure, Goat/ Sheep manure, Mixed compost, Neem cake etc.) in to the soil

-	· · · · · · · · · · · · · · · · · · ·		
TRC/WRC paddy	Storage stage		• Paddy grains can be mixed with neem leaves at the time of storage to reduce storage pests.
Toria	Flowering to maturing stage	-	<ul> <li>Soil moisture conservation techniques like mulching with crop residue is recommended</li> <li>Keep the field free from weeds and daily scouting of the field should be done for aphid.</li> </ul>
Rabi maize	Maturing stage		• Provide mulching to conserve moisture

### Horticultural crop

### General Recommendations

- Soils may be mulched with a variety of materials (straw, grass, other beneficial plant materials, *etc.*) to help retain moisture
- Growing rice on the same plots after ginger will help to reduce the menace of wilt problem in ginger due to *Ralstonia* solanacearum.

ICAR RESEARCH COMPLEX FOR NEH REGION (Indian Council of Agricultural Research) NAGALAND CENTER, JHARNAPANI. MEDZIPHEMA • Always remove from the growing area plant materials that show signs of a disease and destroy them or place them in the trash. Maintaining crop hygiene is an essential step for successful farming.

Mandarin	Fruiting to harvesting stage		• Harvested fruits should be kept under <b>proper storage condition</b> to ensure that there is no change in the quality even after months of storage
Vegetables( cabbage, cauliflower)	Heading to harvesting stage	Red ant and cut worm	<ul> <li>Regular watering and weeding in main field is recommended. Regular monitoring for pest and disease incidence and collection and destruction of egg, larva, pupa and adult</li> <li>Drenching of plant with mixture of water, cow urine and Neem oil 8 litre, 2 litre and 50 ml, respectively at weekly interval to avoid red ant</li> </ul>
Pea	Harvesting stage		<ul> <li>Cautious picking should be done to avoid plant damage.</li> </ul>

### Livestock

### **General Recommendations**

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- 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
- Avoid feeding of damp and foul smelling feed to all livestock and poultry.

Poult	<ul> <li>Litter should be changed periodically and provide clean drinking water and change the water every day. Diseased and dead birds should be immediately removed.</li> </ul>
	• Protect from intense cold. Keep the shed wall covered during night. Proper ventilation must be provided to protect from moisture inside the shed. Litter must be kept dry.
Pigge	<ul> <li>Vaccinate all newly born piglets against swine fever at the age of 3 months followed by annual booster dose.</li> <li>Keep floor dry to avoid skin diseases.</li> </ul>
Fishe	



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# Integrated Agromet Advisory Service Bulletin from 1<sup>st</sup> to 5<sup>th</sup> Feb'17 Dimapur District

Bulletin No:10/2017

			Bulleun N0:10/2017
Weather s	rummary of the prece	ding week	Weather forecast valid upto 5 <sup>th</sup> Feb'17
	rred the past week		<ul> <li>Probability of no rain the coming week.</li> </ul>
	nd minimum tempe		• Max temp is likely to be $25^{\circ}$ C - $26^{\circ}$ C and the min temp $10^{\circ}$ C to $11^{\circ}$ C
$27^{\circ}$ C to $28^{\circ}$ C	and $8^{\circ}$ C to $10^{\circ}$ C, resp	pectively.	Sky is likely to be clear the coming week
	idity varied from 35%		• <b>Relative Humidity</b> is likely to range from 25% to 93%.
• Wind speed ranged from 2 to 4 kmph			• Wind speed may reach upto 3- 4 kmph
			Wind direction will be mostly southeasterly
Main Crops	Stage	Pest/	Agro-meteorological Advisories
		Diseases	
			Field crops
<b>General Rec</b>	ommendations		
Conserv	vation of soil moisture	e through locally	v available biomass mulching in all the crops.
Utilizat	ion of harvested wa	ter stored in va	rious structures like Jalkund is recommended through drip and sprinkle
	on system		
U	•	of nutrients (FY)	M, Vermicompost, Poultry manure, Pig manure, Goat/ Sheep manure, Mixed
-	st, Neem cake etc.) in	,	
TRC/WRC	Storage stage		Paddy grains can be mixed with neem leaves at the time of storage
paddy	Storage stage		to reduce storage pests.
Toria	Flowering to		
Toria	-	-	<ul> <li>Soil moisture conservation techniques like mulching with crop residue is recommended</li> </ul>
	maturing stage		
			• Keep the field free from weeds and daily scouting of the field should be done for aphid
Rabi maize	Maturing stage		should be done for aphid.
Kavi maize	Waturing stage		Provide mulching to conserve moisture
linseed/lentil	Maturing stage		• Soil moisture conservation techniques like mulching with crop
	88		residue is recommended
			Horticultural crop

- Soils may be mulched with a variety of materials (straw, grass, other beneficial plant materials, etc.) to help retain moisture
- Growing rice on the same plots after ginger will help to reduce the menace of wilt problem in ginger due to *Ralstonia* solanacearum.
- Always remove from the growing area plant materials that show signs of a disease and destroy them or place them in the

Mandarin	Fruiting to harvesting stage		• Harvested fruits should be kept under <b>proper storage condition</b> ensure that there is no change in the quality even after month storage
Vegetables(c abbage, cauliflower)	Heading to harvesting stage		• Regular watering and weeding in main field is recommer Regular monitoring for pest and disease incidence and collec and destruction of egg, larva, pupa and adult
, <b>.</b> ,		Red ant and cut worm	• Drenching of plant with mixture of water, cow urine and Neem litre, 2 litre and 50 ml, respectively at weekly interval to avoid ant and cut worms
Pea	Harvesting stage		• Cautious picking should be done to avoid plant damage.
Tomato/ chilli	Fruiting to maturity stage		• Maintain an even moisture supply of water.
General Rec • Ensure • Animal	commendations periodic vaccination of ls should be given mi	neral mixture a	<i>Livestock</i> st FMD, Brucellosis, Haemorrahagic Septicaemia, Anthrax long with salt regularly and wheat grains, jaggery etc. may be provide
General Rec • Ensure • Animal 10% - 2	commendations periodic vaccination of ls should be given mi 20% in the daily ration	neral mixture a during winter s	st FMD, Brucellosis, Haemorrahagic Septicaemia, Anthrax
General Rec • Ensure • Animal 10% - 2	commendations periodic vaccination of ls should be given mi 20% in the daily ration feeding of damp and fo Litter should Diseased and	neral mixture a during winter s oul smelling fee be changed per dead birds sho	st FMD, Brucellosis, Haemorrahagic Septicaemia, Anthrax long with salt regularly and wheat grains, jaggery etc. may be provide eason to meet the energy requirement of the animals d to all livestock and poultry.
General Rec • Ensure • Animal 10% - 2 • Avoid	commendations periodic vaccination of ls should be given mi 20% in the daily ration feeding of damp and fo <i>Litter should</i> <i>Diseased and</i> <i>Protect from</i>	neral mixture a during winter s oul smelling fee be changed per l dead birds sho intense cold. Ka	st FMD, Brucellosis, Haemorrahagic Septicaemia, Anthrax long with salt regularly and wheat grains, jaggery etc. may be provide eason to meet the energy requirement of the animals d to all livestock and poultry.
General Rec • Ensure • Animal 10% - 2 • Avoid	commendations periodic vaccination of ls should be given mi 20% in the daily ration feeding of damp and fo <i>Litter should</i> <i>Diseased and</i> <i>Protect from</i> <i>to protect fro</i> <i>Vaccinate all</i> <i>dose.</i>	neral mixture a during winter s oul smelling fee be changed per l dead birds sho intense cold. Ka m moisture insid l newly born pig	st FMD, Brucellosis, Haemorrahagic Septicaemia, Anthrax long with salt regularly and wheat grains, jaggery etc. may be provide eason to meet the energy requirement of the animals d to all livestock and poultry. Fiodically and provide clean drinking water and change the water every uld be immediately removed. eep the shed wall covered during night. Proper ventilation must be prov de the shed. Litter must be kept dry. glets against swine fever at the age of 3 months followed by annual boo
General Rec • Ensure • Animal 10% - 2 • Avoid = Poultry	commendations periodic vaccination of ls should be given mi 20% in the daily ration feeding of damp and fo <i>Litter should</i> <i>Diseased and</i> <i>Protect from</i> <i>to protect from</i> <i>to protect from</i> <i>to protect from</i> <i>to protect from</i> <i>to se.</i> <i>Keep floor dr</i>	neral mixture a during winter s oul smelling fee be changed per dead birds sho intense cold. Ko m moisture insid newly born pig	st FMD, Brucellosis, Haemorrahagic Septicaemia, Anthrax long with salt regularly and wheat grains, jaggery etc. may be provide eason to meet the energy requirement of the animals d to all livestock and poultry. Fiodically and provide clean drinking water and change the water every uld be immediately removed. eep the shed wall covered during night. Proper ventilation must be prov de the shed. Litter must be kept dry. glets against swine fever at the age of 3 months followed by annual boo

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# **Integrated Agromet Advisory Service Bulletin from 1<sup>st</sup> to 5<sup>th</sup> Feb'17** Kiphire District

Bulletin No:10/2017

Weather sun	nmary of the preced	ling week	Weather forecast valid upto 5 <sup>th</sup> Feb'17
• No rain occurre	d the past week		Probability of no rain the coming week.
• Maximum and	minimum temper	atures ranged	• Max temp is likely to be $24^{\circ}$ C - $26^{\circ}$ C and the min temp $10^{\circ}$ C to $11^{\circ}$ C
$27^{\circ}$ C to $29^{\circ}$ C and	d 9 <sup>0</sup> C to $10^{0}$ C, respe	ectively.	Sky is likely to be clear the coming week
Relative humidit	ty varied from 26%	to 95%.	Relative Humidity is likely to range from 30% to 94%.
• Wind speed rang	ged from 1 to 2 kmp	h	• Wind speed may reach upto 1- 2 kmph
			Wind direction will be mostly easterly
Main Crops	Stage	Pest/	Agro-meteorological Advisories
		Diseases	
			Field crops

## General Recommendations

- Conservation of soil moisture through locally available biomass mulching in all the crops.
- Utilization of harvested water stored in various structures like Jalkund is recommended through drip and sprinkler irrigation system
- Incorporate organic sources of nutrients (FYM, Vermicompost, Poultry manure, Pig manure, Goat/ Sheep manure, Mixed compost, Neem cake etc.) in to the soil

TRC/WRC paddy	Storage stage		• Paddy grains can be mixed with neem leaves at the time of storage to reduce storage pests.
Toria	Flowering to maturing stage	-	<ul> <li>Soil moisture conservation techniques like mulching with crop residue is recommended</li> <li>Keep the field free from weeds and daily scouting of the field should be done for aphid.</li> </ul>
Rabi maize	Maturing stage		Provide mulching to conserve moisture

## Horticultural crop

- Soils may be mulched with a variety of materials (straw, grass, other beneficial plant materials, *etc.*) to help retain moisture
- Growing rice on the same plots after ginger will help to reduce the menace of wilt problem in ginger due to *Ralstonia* solanacearum.
- Always remove from the growing area plant materials that show signs of a disease and destroy them or place them in the trash. Maintaining crop hygiene is an essential step for successful farming.

Mandarin	Fruiting to harvesting stage		<ul> <li>Harvested fruits should be kept under proper storage condition to ensure that there is no change in the quality even after months of storage</li> </ul>
Vegetables(cab bage, cauliflower)	Heading to harvesting stage		• Regular watering and weeding in main field is recommended. Regular monitoring for pest and disease incidence and collection and destruction of egg, larva, pupa and adult
caalijio " cr )		Red ant and cut worm	• Drenching of plant with mixture of water, cow urine and Neem oil 8 litre 2 litre and 50 ml, respectively at weekly interval to avoid red ant and cu worms
Pea	Harvesting stage		• Cautious picking should be done to avoid plant damage.
• Animals 20% in th	eriodic vaccination of should be given mine the daily ration during eding of damp and fou • Litter shoul	eral mixture alo winter season to al smelling feed d be changed	t FMD, Brucellosis, Haemorrahagic Septicaemia, Anthrax ong with salt regularly and wheat grains, jaggery etc. may be provided @ 10% o meet the energy requirement of the animals to all livestock and poultry.
	Protect from		Keep the shed wall covered during night. Proper ventilation must be provided a
			e the shed. Litter must be kept dry.
Piggery	<ul> <li>Vaccinate a</li> <li>Keep floor a</li> </ul>	ll newly born p lry to avoid skin	e the shed. Litter must be kept dry. iglets against swine fever at the age of 3 months followed by annual booster dose

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