

# **Integrated Agromet Advisory Service Bulletin from 8<sup>th</sup> to 12<sup>th</sup> Feb'17** Kohima District

Bulletin No:11/2017

	Weather summary of the preceding week			Weather forecast valid upto 12 <sup>th</sup> Feb'17
	• No rain occurred the past week			Probability of no rain the coming week.
	• Maximum and minimum temperatures ranged 25			• Max temp is likely to be $24^{\circ}$ C - $25^{\circ}$ C and the min temp $7^{\circ}$ C to $9^{\circ}$ C
	$^{0}$ C to 27 $^{0}$ C and 10 $^{0}$ C to 11 $^{0}$ C, respectively.			Sky is likely to be clear the coming week
	• Relative humidity varied from 16% to 90%.			Relative Humidity is likely to range from 15% to 92%.
	• Wind speed ranged from 1 to 2 kmph			• Wind speed may reach upto 2- 3 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	• Litter should be changed periodically and provide clean drinking water and change the water every day. Diseased and dead birds should be immediately removed.
		• 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.
	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>
Ŋ	Fishery	• Check for any fish disease break out or fish mortality during winter months.



# Integrated Agromet Advisory Service Bulletin from 8<sup>th</sup> to 12<sup>th</sup> Feb'17 Longleng District

Bulletin No:11/2017

	Weather summary of the preceding week			Weather forecast valid upto 12 <sup>th</sup> Feb'17
	• No rain occurred the past week			<ul> <li>Probability of no rain the coming week.</li> </ul>
	• Maximum and minimum temperatures ranged 26 <sup>o</sup> C			• Max temp is likely to be $27^{\circ}$ C - $28^{\circ}$ C and the min temp $12^{\circ}$ C to $13^{\circ}$ C
	to $27^{\circ}$ C and $10^{\circ}$ C to $12^{\circ}$ C, respectively.			Sky is likely to be clear the coming week
	• Relative humidity varied from 13% to 90%.			Relative Humidity is likely to range from 20% to 76%.
	• Wind speed ranged from 1 to 2 kmph			Wind speed may reach upto 1- 2 kmph
				Wind direction will be southeasterly
	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		
		Hart out over		

# 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.
-		<ul> <li>Litter should be day. Diseased</li> <li>Protect from</li> </ul>	melling feed to be changed per and dead birds intense cold. I	on to meet the energy requirement of the animals all livestock and poultry. <i>iodically and provide clean drinking water and change the water every</i> <i>s should be immediately removed.</i> <i>Keep the shed wall covered during night. Proper ventilation must be</i> <i>ture inside the shed. Litter must be kept dry.</i>
	Piggery	· · · · · · · · · · · · · · · · · · ·	newly born pigl	ets 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 8<sup>th</sup> to 12<sup>th</sup> Feb'17** Mokokchung District

Bulletin No:11/2017

Weather su	ummary of the prece	ding week	Weather forecast valid upto 12 <sup>th</sup> Feb'17	
No rain occurr	ed the past week		<ul> <li>Probability of no rain the coming week.</li> </ul>	
			• Max temp is likely to be $27^{\circ}$ C - $29^{\circ}$ C and the min temp $11^{\circ}$ C to $12^{\circ}$ C	
$26^{\circ}$ C to $27^{\circ}$ C a	nd $9^{\circ}$ C to $11^{\circ}$ C, resp	ectively.	Sky is likely to be clear the coming week	
<ul> <li>Relative humid</li> </ul>	lity varied from 14%	to 82%.	• <b>Relative Humidity</b> is likely to range from 19% to 85%.	
• Wind speed ran	nged from 1 to 2 kmp	h	• Wind speed may reach upto 2- 4 kmph	
			Wind direction will be southeasterly	
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	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 the second se	eriodic vaccination of should be given mine ne 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.
Poultry	Diseased and	d dead birds sho	priodically and provide clean drinking water and change the water every day. uld be immediately removed.

• 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.

	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>
//	Fishery	• Check for any fish disease break out or fish mortality during winter months.





# Integrated Agromet Advisory Service Bulletin from 8<sup>th</sup> to 12<sup>th</sup> Feb'17 Mon District

Bulletin No:11/2017

Weather sum	nmary of the preced	ling week	Weather forecast valid upto 12 <sup>th</sup> Feb'17
• No rain occurred			<ul> <li>Probability of light rain the coming week.</li> </ul>
Maximum and	minimum temper	atures ranged	• Max temp is likely to be $27^{\circ}$ C - $28^{\circ}$ C and the min temp $10^{\circ}$ C to $13^{\circ}$ C
$26^{0}$ C to $27^{0}$ C and	d $10^{0}$ C to $11^{0}$ C, res	pectively.	Sky is likely to be mainly clear the coming week
Relative humidit	y varied from 13%	to 95%	Relative Humidity is likely to range from 19% to 80%.
Wind speed rang	ged from 1 to 2 kmp	oh	Wind speed may reach upto 2- 3 kmph
			Wind direction will be southeasterly
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

<b>_</b> '	· · · · · · · · · · · · · · · · · · ·		
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(egbb	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(cabb age, 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.
	Tomato/ chilli	Fruiting to maturity stage		• Maintain an even moisture supply of water.
	• Animals si 10% - 20%	hould be given m	ineral mixture al n during winter s	st FMD, Brucellosis, Haemorrahagic Septicaemia, Anthrax long with salt regularly and wheat grains, jaggery etc. may be provided @ eason to meet the energy requirement of the animals d to all livestock and poultry.
	Poultry	• Litter sho day. Dise	ould be changed eased and dead b	periodically and provide clean drinking water and change the water every birds should be immediately removed. d. Keep the shed wall covered during night. Proper ventilation must be
	Piggery	• Vaccinate dose.	1 0	noisture inside the shed. Litter must be kept dry. piglets against swine fever at the age of 3 months followed by annual booster in diseases.
Higp3irgi ICAR	Fishery			break out or fish mortality during winter months.



# Integrated Agromet Advisory Service Bulletin from 8<sup>th</sup> to 12<sup>th</sup> Feb'17 Peren District

Bulletin No:11/2017

			Bulletin No:11/2017
Weather sur	nmary of the preced	ling week	Weather forecast valid upto 12 <sup>th</sup> Feb'17
No rain occurr	ed the past week		<ul> <li>Probability of no rain the coming week.</li> </ul>
	l minimum temper		• Max temp is likely to be $28^{\circ}$ C - $29^{\circ}$ C and the min temp $8^{\circ}$ C to $10^{\circ}$ C
$26^{\circ}$ C to $27^{\circ}$ C a	nd $10^{0}$ C to $12^{0}$ C, res	spectively.	Sky is likely to be clear the coming week
	lity varied from 17%		Relative Humidity is likely to range from 17% to 89%.
• 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
<b>General Reco</b>	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
Ŭ	ry especially where t		• • • •
	• • •		
		ith 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>

### 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 8th to 12th Feb** 17 Phek District

Bulletin No:11/2017

Weather su	mmary of the prec	eding week	Weather forecast valid upto 12 <sup>th</sup> Feb'17
• No rain occ	urred the past weel	tomporaturas	<ul> <li>Probability of no rain the coming week.</li> <li>Max temp is likely to be 27°C - 29°C and the min temp 10°C to 11°C</li> </ul>
ranged 26°C	C to $28^{\circ}$ C and 1		Sky is likely to be clear the coming week
respectively			<ul> <li>Relative Humidity is likely to range from 17% to 95%.</li> </ul>
	nidity varied from		• Wind speed may reach upto 2- 3 kmph
• Wind speed	ranged from 1 to 2	kmph	Wind direction will be mostly southerly
<b>.</b>	64	Devid	
Main	Stage	Pest/	Agro-meteorological Advisories
Crops		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.

Mandarin	Fruiting to		• Harvested fruits should be kept under proper storage condition to ensure
	harvesting stage		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
	l feeding of damp a	nd foul smelling	son to meet the energy requirement of the animals g feed to all livestock and poultry.
1 0 0 0 0 0 0			bould be immediately removed.
	Protect fr	om intense cold	. Keep the shed wall covered during night. Proper ventilation must be provided to de the shed. Litter must be kept dry.
Piggery		all newly born f r dry to avoid sk	piglets against swine fever at the age of 3 months followed by annual booster dose. in diseases.
	1.7	. <u></u>	



# **Integrated Agromet Advisory Service Bulletin from 8<sup>th</sup> to 12<sup>th</sup> Feb'17** Tuensang District

Bulletin No:11/2017

Weather su	mmary of the prece	ding week	Weather forecast valid upto 12 <sup>th</sup> Feb'17
• No rain occu	urred the past week		Probability of no rain the coming week.
	nd minimum temper		• Max temp is likely to be $25^{\circ}$ C - $27^{\circ}$ C and the min temp $11^{\circ}$ C to $12^{\circ}$ C
$26^{\circ}$ C to $28^{\circ}$ C	and $9^{\circ}$ C to $11^{\circ}$ C, re	spectively.	Sky is likely to be clear the coming week
Relative hum	idity varied from 13	% to 91%.	Relative Humidity is likely to range from 19% to 90%.
Wind speed	ranged from 1 to 2 k	mph	Wind speed may reach upto 1 - 2 kmph
			• Wind direction will be mostly southerly
Main Crops	Stage	Pest/	Agro-meteorological Advisories
		Diseases	

# Field crops

- 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.
- 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	Red ant and	<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</li> </ul>
		cut worm	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
			er season to meet the energy requirement of the animals
• Avoid	feeding of damp and	l foul smelling f	feed to all livestock and poultry.
	feeding of damp and • Litter should Diseased an	l foul smelling f d be changed pe ad dead birds sh	feed to all livestock and poultry. eriodically and provide clean drinking water and change the water every day. hould be immediately removed.
• Avoid	<ul> <li>feeding of damp and</li> <li>Litter should</li> <li>Diseased and</li> <li>Protect from to protect from</li> </ul>	l foul smelling f d be changed pe ad dead birds sh n intense cold. I com moisture ins	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.
Avoid	<ul> <li>feeding of damp and</li> <li>Litter should Diseased and</li> <li>Protect from to protect from to protect fr</li> <li>Vaccinate a dose.</li> <li>Keep floor door</li> </ul>	l foul smelling f d be changed pe ad dead birds sh n intense cold. I <u>com moisture ins</u> ll newly born p dry to avoid skin	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 booster

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# **Integrated Agromet Advisory Service Bulletin from 8<sup>th</sup> to 12<sup>th</sup> Feb'17** Wokha District

Bulletin No:11/2017

	Weather sı	ummary of the preced	ling week	Weather forecast valid upto 12 <sup>th</sup> Feb'17
■ No	rain occur	red the past week		Probability of no rain the coming week.
• Max	ximum an	d minimum temper	atures ranged	• Max temp is likely to be $27^{\circ}$ C - $29^{\circ}$ C and the min temp $10^{\circ}$ C to $12^{\circ}$ C
$26^{\circ}$	C to $27^{0}$ C $\epsilon$	and $9^{\circ}$ C to $10^{\circ}$ C, respe	ectively.	Sky is likely to be clear the coming week
• Rela	• Relative humidity varied from 16% to 94%.			Relative Humidity is likely to range from 19% to 92%.
• Win	• Wind speed ranged from 2 to 4 kmph			Wind speed may reach upto 3- 4 kmph
				Wind direction will be mostly southeasterly
Main	n 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
		Hortigultural anon

### 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 collectio 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		• <i>Cautious picking should be done to avoid plant damage.</i>	
<ul> <li>Ensure p</li> <li>Animals</li> <li>10% - 20</li> </ul>	s should be given mine 0% in the daily ration d	ral mixture alo luring winter so	st FMD, Brucellosis, Haemorrahagic Septicaemia, Anthrax ong with salt regularly and wheat grains, jaggery etc. may be provided @ eason to meet the energy requirement of the animals d to all livestock and poultry.	
Poultry	day. Diseasea • Protect from	l and dead bird intense cold.	priodically and provide clean drinking water and change the water every ds should be immediately removed. Keep the shed wall covered during night. Proper ventilation must be isture inside the shed. Litter must be kept dry.	
Piggery	<ul> <li>Vaccinate all i dose.</li> <li>Keep floor dry</li> </ul>		elets against swine fever at the age of 3 months followed by annual booster diseases.	
Fishery			reak out or fish mortality during winter months.	

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# **Integrated Agromet Advisory Service Bulletin from 8<sup>th</sup> to 12<sup>th</sup> Feb'17** Zunheboto District

Bulletin No:11/2017

Weather si	ummary of the prec	eding week	Weather forecast valid upto 12 <sup>th</sup> Feb'17
<ul> <li>No rain occurred the past week</li> <li>Maximum and minimum temperatures ranged 26°C to 28°C and 10°C to 11°C, respectively.</li> <li>Relative humidity varied from 13% to 90%.</li> <li>Wind speed ranged from 1 to 2 kmph</li> </ul>			<ul> <li>Probability of no rain the coming week.</li> <li>Max temp is likely to be 27°C - 29°C and the min temp 11°C to 12°C</li> <li>Sky is likely to be clear the coming week</li> <li>Relative Humidity is likely to range from 17% to 90%.</li> <li>Wind speed may reach upto 2- 3 kmph Wind direction will be mostly southeasterly</li> </ul>
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

## 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>and cut worms</li> <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.

Poultry	• Litter should be changed periodically and provide clean drinking water and change the water every day. Diseased and dead birds should be immediately removed.
	• 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.
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>
Fishery R	Check for any fish disease break out or fish mortality during winter months.



# Integrated Agromet Advisory Service Bulletin from 8<sup>th</sup> to 12<sup>th</sup> Feb'17 Dimapur District

Bulletin No:11/2017

			Bulleun No:11/2017
Weather s	ummary of the prece	ding week	Weather forecast valid upto 12 <sup>th</sup> Feb'17
No rain occur	rred the past week	-	Probability of no rain the coming week.
• Maximum an	nd minimum tempe	ratures ranged	• Max temp is likely to be $28^{\circ}$ C - $29^{\circ}$ C and the min temp $11^{\circ}$ C to $12^{\circ}$ C
$25^{\circ}$ C to $27^{\circ}$ C	and $9^{\circ}$ C to $10^{\circ}$ C, resp	pectively.	Sky is likely to be clear the coming week
Relative humi	idity varied from 17%	b to 94%.	• <b>Relative Humidity</b> is likely to range from 21% to 93%.
• Wind speed ra	anged from 3 to 4 km	ph	• Wind speed may reach upto 3- 4 kmph
			Wind direction will be mostly southeasterly
Main Crops	Stage	Pest/	Agro-meteorological Advisories
		Diseases	
			Field crops
General Rec	ommendations		-
		e through locally	available biomass mulching in all the crops.
			rious structures like Jalkund is recommended through drip and sprinkle
		ter stored in va	flous structures like faikund is recommended unough drip and sprinkle
U	on system		
-	-		M, Vermicompost, Poultry manure, Pig manure, Goat/ Sheep manure, Mixed
compos	t, Neem cake etc.) in	to the soil	
TRC/WRC	Storage stage		• Paddy grains can be mixed with neem leaves at the time of storage
paddy			to reduce storage pests.
Toria	Flowering to	-	• Soil moisture conservation techniques like mulching with cro
	maturing stage		residue is recommended
	maturing stage		• 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
Lust marge	induting stuge		
linseed/lentil	Maturing stage		• Soil moisture conservation techniques like mulching with cro
	0 8		residue is recommended
		•	Horticultural crop

### 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

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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 mont 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 colle- and destruction of egg, larva, pupa and adult
		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.
• Animal	ls should be given min	neral mixture a	st FMD, Brucellosis, Haemorrahagic Septicaemia, Anthrax long with salt regularly and wheat grains, jaggery etc. may be provide
• Animal 10% - 2	Is should be given min 20% in the daily ration	neral mixture a during winter s	
• Animal 10% - 2	Is should be given min 20% in the daily ration feeding of damp and fo • Litter should Diseased and	heral mixture a during winter s bul smelling fee be changed per dead birds sho	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.
<ul> <li>Animal 10% - 2</li> <li>Avoid 1</li> </ul>	Is should be given min 20% in the daily ration feeding of damp and for <i>Litter should</i> <i>Diseased and</i> • <i>Protect from</i>	heral mixture a during winter s oul smelling fee be changed per dead birds sho intense cold. Ka	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.
<ul> <li>Animal 10% - 2</li> <li>Avoid 1</li> </ul>	Is should be given min 20% in the daily ration feeding of damp and for <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 all</i> <i>dose.</i>	heral mixture a during winter s oul smelling fee be changed per dead birds sho intense cold. Ko m moisture insid	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. <i>iodically and provide clean drinking water and change the water every</i> <i>uld be immediately removed.</i> <i>eep the shed wall covered during night. Proper ventilation must be prov</i> <i>de the shed. Litter must be kept dry.</i> <i>glets against swine fever at the age of 3 months followed by annual bo</i>

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# Integrated Agromet Advisory Service Bulletin from 8<sup>th</sup> to 12<sup>th</sup> Feb'17 Kiphire District

Bulletin No:11/2017

Weather sur	nmary of the preced	ling week	Weather forecast valid upto 12 <sup>th</sup> Feb'17
No rain occurre	d the past week		Probability of no rain the coming week.
<ul> <li>Maximum and</li> </ul>	minimum temper	atures ranged	• Max temp is likely to be $26^{\circ}$ C - $28^{\circ}$ C and the min temp $10^{\circ}$ C to $11^{\circ}$ C
$26^{\circ}$ C to $27^{\circ}$ C and $10^{\circ}$ C to $11^{\circ}$ C, respectively.			Sky is likely to be clear the coming week
<ul> <li>Relative humidi</li> </ul>	ty varied from 13%	to 81%.	Relative Humidity is likely to range from 19% to 90%.
• Wind speed rang	ged from 1 to 2 kmp	h	• Wind speed may reach upto 1- 2 kmph
			Wind direction will be mostly southerly
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 reduce storage pests.
Toria	Flowering to maturing stage	<ul> <li>Soil moisture conservation techniques like mulching with crop residue 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
caalific " cr )		Red ant and cut worm	<ul> <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 cu worms</li> </ul>
Pea	Harvesting stage		• Cautious picking should be done to avoid plant damage.
• Animals 20% in th	should be given mine the daily ration during	eral mixture alo winter season to	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.
Poultry	Diseased an	d dead birds sh	ould be immediately removed.
Poultry Piggery	<ul> <li>Diseased an</li> <li>Protect from</li> <li>protect from</li> <li>Vaccinate a</li> </ul>	nd dead birds sl n intense cold. n moisture insid	Keep the shed wall covered during night. Proper ventilation must be provided to 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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