



## Integrated Agromet Advisory Service Bulletin from 28<sup>th</sup> Jan to 1<sup>st</sup> Feb'17

### Kohima District

Bulletin No:09/2017

<i>Weather summary of the preceding week</i>			<i>Weather forecast valid upto 1<sup>st</sup> Feb'17</i>
<ul style="list-style-type: none"> <li>No rain occurred the past week</li> <li>Maximum and minimum temperatures ranged 18<sup>o</sup>C to 23<sup>o</sup>C and 6<sup>o</sup>C to 8<sup>o</sup>C, respectively.</li> <li>Relative humidity varied from 21% to 90%.</li> <li>Wind speed ranged from 1 to 2 kmph</li> </ul>			<ul style="list-style-type: none"> <li>Probability of no rain the coming week.</li> <li><b>Max temp</b> is likely to be 22<sup>o</sup>C - 23<sup>o</sup>C and the <b>min temp</b> 7<sup>o</sup>C to 8<sup>o</sup>C</li> <li><b>Sky is likely to be mainly clear</b> the coming week</li> <li><b>Relative Humidity</b> is likely to range from 26% to 90%.</li> <li><b>Wind speed</b> may reach upto 2- 4 kmph</li> <li><b>Wind direction</b> will be southerly</li> </ul>
Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
<b>Field crops</b>			
<b>General Recommendations</b> <ul style="list-style-type: none"> <li>Conservation of soil moisture through locally available biomass mulching in all the crops.</li> <li>Utilization of harvested water stored in various structures like Jalkund is recommended through drip and sprinkler irrigation system</li> <li>Incorporate organic sources of nutrients (FYM, Vermicompost, Poultry manure, Pig manure, Goat/ Sheep manure, Mixed compost, Neem cake etc.) in to the soil</li> </ul>			
<b>TRC/WRC paddy</b>	Storage stage		<ul style="list-style-type: none"> <li><i>Paddy grains can be mixed with neem leaves at the time of storage to reduce storage pests.</i></li> </ul>
<b>Toria</b>	Flowering to maturing stage	-	<ul style="list-style-type: none"> <li><i>Soil moisture conservation techniques like mulching with crop residue is recommended</i></li> <li><i>Keep the field free from weeds and daily scouting of the field should be done for aphid.</i></li> </ul>
<b>Rabi maize</b>	Maturing stage		<ul style="list-style-type: none"> <li><i>Provide mulching to conserve moisture</i></li> </ul>
<b>Horticultural crop</b>			
<b>General Recommendations</b> <ul style="list-style-type: none"> <li>Soils may be mulched with a variety of materials (straw, grass, other beneficial plant materials, etc.) to help retain moisture</li> <li>Growing rice on the same plots after ginger will help to reduce the menace of wilt problem in ginger due to <i>Ralstonia solanacearum</i>.</li> </ul>			

<ul style="list-style-type: none"> <li>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.</li> </ul>			
<b>Mandarin</b>	Fruiting to harvesting stage		<ul style="list-style-type: none"> <li>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</li> </ul>
<b>Vegetables(cabbage, cauliflower)</b>	Heading to harvesting stage		<ul style="list-style-type: none"> <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> </ul>
		Red ant and cut worm	<ul style="list-style-type: none"> <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>
<b>Pea</b>	Harvesting stage		<ul style="list-style-type: none"> <li>Cautious picking should be done to avoid plant damage.</li> </ul>
<p style="text-align: center;"><b>Livestock</b></p> <p><b>General Recommendations</b></p> <ul style="list-style-type: none"> <li>Ensure periodic vaccination of animals against FMD, Brucellosis, Haemorrhagic 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>			
<b>Poultry</b>	<ul style="list-style-type: none"> <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>		
<b>Piggery</b>	<ul style="list-style-type: none"> <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</b>	<ul style="list-style-type: none"> <li>Check for any fish disease break out or fish mortality during winter months.</li> </ul>		






## Integrated Agromet Advisory Service Bulletin from 28<sup>th</sup> Jan to 1<sup>st</sup> Feb'17 Longleng District

Bulletin No:09/2017

Weather summary of the preceding week			Weather forecast valid upto 1 <sup>st</sup> Feb'17
<ul style="list-style-type: none"> <li>No rain occurred the past week</li> <li>Maximum and minimum temperatures ranged 25<sup>0</sup>C to 29<sup>0</sup>C and 10<sup>0</sup>C to 11<sup>0</sup>C, respectively.</li> <li>Relative humidity varied from 21% to 89%.</li> <li>Wind speed ranged from 1 to 2 kmph</li> </ul>			<ul style="list-style-type: none"> <li>Probability of no rain the coming week.</li> <li><b>Max temp</b> is likely to be 25<sup>0</sup>C - 26<sup>0</sup>C and the <b>min temp</b> 10<sup>0</sup>C to 11<sup>0</sup>C</li> <li><b>Sky is likely to be mainly clear</b> the coming week</li> <li><b>Relative Humidity</b> is likely to range from 25% to 84%.</li> <li><b>Wind speed</b> may reach upto 1- 2 kmph</li> <li><b>Wind direction</b> will be southeasterly</li> </ul>
Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
<p style="text-align: center;"><b>Field crops</b></p> <p><b>General Recommendations</b></p> <ul style="list-style-type: none"> <li>Conservation of soil moisture through locally available biomass mulching in all the crops.</li> <li>Utilization of harvested water stored in various structures like Jalkund is recommended through drip and sprinkler irrigation system</li> <li>Incorporate organic sources of nutrients (FYM, Vermicompost, Poultry manure, Pig manure, Goat/ Sheep manure, Mixed compost, Neem cake etc.) in to the soil</li> </ul>			
<b>TRC/WRC paddy</b>	Storage stage		<ul style="list-style-type: none"> <li>Paddy grains can be mixed with neem leaves at the time of storage to reduce storage pests.</li> </ul>
<b>Toria</b>	Flowering to maturing stage	-	<ul style="list-style-type: none"> <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>
<b>Rabi maize</b>	Maturing stage		<ul style="list-style-type: none"> <li>Provide mulching to conserve moisture</li> </ul>
<p style="text-align: center;"><b>Horticultural crop</b></p> <p><b>General Recommendations</b></p> <ul style="list-style-type: none"> <li>Soils may be mulched with a variety of materials (straw, grass, other beneficial plant materials, etc.) to help retain moisture</li> <li>Growing rice on the same plots after ginger will help to reduce the menace of wilt problem in ginger due to <i>Ralstonia solanacearum</i>.</li> <li>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.</li> </ul>			

	<b>Mandarin</b>	Fruiting to harvesting stage		<ul style="list-style-type: none"> <li>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</li> </ul>
	<b>Vegetables(cabbage, cauliflower)</b>	Heading to harvesting stage		<ul style="list-style-type: none"> <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> </ul>
			Red ant and cut worm	<ul style="list-style-type: none"> <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>
	<b>Pea</b>	Harvesting stage		<ul style="list-style-type: none"> <li>Cautious picking should be done to avoid plant damage.</li> </ul>
	<p style="text-align: center;"><b>Livestock</b></p> <p><b>General Recommendations</b></p> <ul style="list-style-type: none"> <li>Ensure periodic vaccination of animals against FMD, Brucellosis, Haemorrhagic 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>			
	<b>Poultry</b>	<ul style="list-style-type: none"> <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>		
	<b>Piggery</b>	<ul style="list-style-type: none"> <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</b>	<ul style="list-style-type: none"> <li>Check for any fish disease break out or fish mortality during winter months.</li> </ul>		

# Integrated Agromet Advisory Service Bulletin from 28<sup>th</sup> Jan to 1<sup>st</sup> Feb'17

## Mokokchung District

Bulletin No:09/2017

Weather summary of the preceding week			Weather forecast valid upto 1 <sup>st</sup> Feb'17
<ul style="list-style-type: none"> <li>No rain occurred the past week</li> <li>Maximum and minimum temperatures ranged 28<sup>0</sup>C to 29<sup>0</sup>C and 9<sup>0</sup>C to 10<sup>0</sup>C, respectively.</li> <li>Relative humidity varied from 21% to 85%.</li> <li>Wind speed ranged from 1 to 2 kmph</li> </ul>			<ul style="list-style-type: none"> <li>Probability of no rain the coming week.</li> <li><b>Max temp</b> is likely to be 25<sup>0</sup>C - 26<sup>0</sup>C and the <b>min temp</b> 9<sup>0</sup>C to 10<sup>0</sup>C</li> <li><b>Sky is likely to be clear</b> the coming week</li> <li><b>Relative Humidity</b> is likely to range from 26% to 89%.</li> <li><b>Wind speed</b> may reach upto 1- 2 kmph</li> <li><b>Wind direction</b> will be southeasterly</li> </ul>
Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
<p align="center"><b>Field crops</b></p> <p><b>General Recommendations</b></p> <ul style="list-style-type: none"> <li>Conservation of soil moisture through locally available biomass mulching in all the crops.</li> <li>Utilization of harvested water stored in various structures like Jalkund is recommended through drip and sprinkler irrigation system</li> <li>Incorporate organic sources of nutrients (FYM, Vermicompost, Poultry manure, Pig manure, Goat/ Sheep manure, Mixed compost, Neem cake etc.) in to the soil</li> </ul>			
<b>TRC/WRC paddy</b>	Storage stage		<ul style="list-style-type: none"> <li>Paddy grains can be mixed with neem leaves at the time of storage to reduce storage pests.</li> </ul>
<b>Toria</b>	Flowering to maturing stage	-	<ul style="list-style-type: none"> <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>
<b>Rabi maize</b>	Maturing stage		<ul style="list-style-type: none"> <li>Provide mulching to conserve moisture</li> </ul>
<p align="center"><b>Horticultural crop</b></p> <p><b>General Recommendations</b></p> <ul style="list-style-type: none"> <li>Soils may be mulched with a variety of materials (straw, grass, other beneficial plant materials, etc.) to help retain moisture</li> <li>Growing rice on the same plots after ginger will help to reduce the menace of wilt problem in ginger due to <i>Ralstonia solanacearum</i>.</li> <li>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.</li> </ul>			

<b>Mandarin</b>	Fruiting to harvesting stage		<ul style="list-style-type: none"> <li>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</li> </ul>
<b>Vegetables(cabbage, cauliflower)</b>	Heading to harvesting stage		<ul style="list-style-type: none"> <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> </ul>
		Red ant and cut worm	<ul style="list-style-type: none"> <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>
<b>Pea</b>	Harvesting stage		<ul style="list-style-type: none"> <li>Cautious picking should be done to avoid plant damage.</li> </ul>
<p style="text-align: center;"><b>Livestock</b></p> <p><b>General Recommendations</b></p> <ul style="list-style-type: none"> <li>Ensure periodic vaccination of animals against FMD, Brucellosis, Haemorrhagic 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>			
<b>Poultry</b>	<ul style="list-style-type: none"> <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>		
<b>Piggery</b>	<ul style="list-style-type: none"> <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</b>	<ul style="list-style-type: none"> <li>Check for any fish disease break out or fish mortality during winter months.</li> </ul>		







# Integrated Agromet Advisory Service Bulletin from 28<sup>th</sup> Jan to 1<sup>st</sup> Feb'17 Mon District

Bulletin No:09/2017

Weather summary of the preceding week			Weather forecast valid upto 1 <sup>st</sup> Feb'17
<ul style="list-style-type: none"> <li>No rain occurred the past week</li> <li>Maximum and minimum temperatures ranged 25<sup>0</sup>C to 29<sup>0</sup>C and 10<sup>0</sup>C to 11<sup>0</sup>C, respectively.</li> <li>Relative humidity varied from 26% to 95%</li> <li>Wind speed ranged from 1 to 2 kmph</li> </ul>			<ul style="list-style-type: none"> <li>Probability of light rain the coming week.</li> <li><b>Max temp</b> is likely to be 25<sup>0</sup>C - 26<sup>0</sup>C and the <b>min temp</b> 10<sup>0</sup>C to 11<sup>0</sup>C</li> <li><b>Sky is likely to be mainly clear</b> the coming week</li> <li><b>Relative Humidity</b> is likely to range from 28% to 85%.</li> <li><b>Wind speed</b> may reach upto 1- 2 kmph</li> <li><b>Wind direction</b> will be southeasterly</li> </ul>
Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
<p align="center"><b>Field crops</b></p> <p><b>General Recommendations</b></p> <ul style="list-style-type: none"> <li>Conservation of soil moisture through locally available biomass mulching in all the crops.</li> <li>Utilization of harvested water stored in various structures like Jalkund is recommended through drip and sprinkler irrigation system</li> <li>Incorporate organic sources of nutrients (FYM, Vermicompost, Poultry manure, Pig manure, Goat/ Sheep manure, Mixed compost, Neem cake etc.) in to the soil</li> </ul>			
<b>TRC/WRC paddy</b>	Storage stage		<ul style="list-style-type: none"> <li><i>Paddy grains can be mixed with neem leaves at the time of storage to reduce storage pests.</i></li> </ul>
<b>Toria</b>	Flowering to maturing stage	-	<ul style="list-style-type: none"> <li><i>Soil moisture conservation techniques like mulching with crop residue is recommended</i></li> <li><i>Keep the field free from weeds and daily scouting of the field should be done for aphid.</i></li> </ul>
<b>Rabi maize</b>	Maturing stage		<ul style="list-style-type: none"> <li><i>Provide mulching to conserve moisture</i></li> </ul>
<p align="center"><b>Horticultural crop</b></p> <p><b>General Recommendations</b></p> <ul style="list-style-type: none"> <li>Soils may be mulched with a variety of materials (straw, grass, other beneficial plant materials, etc.) to help retain moisture</li> <li>Growing rice on the same plots after ginger will help to reduce the menace of wilt problem in ginger due to <i>Ralstonia solanacearum</i>.</li> <li>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.</li> </ul>			

	<b>Mandarin</b>	Fruiting to harvesting stage		<ul style="list-style-type: none"> <li>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</li> </ul>
	<b>Vegetables(cabbage, cauliflower)</b>	Heading to harvesting stage		<ul style="list-style-type: none"> <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> </ul>
			Red ant and cut worm	<ul style="list-style-type: none"> <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>
	<b>Pea</b>	Harvesting stage		<ul style="list-style-type: none"> <li>Cautious picking should be done to avoid plant damage.</li> </ul>
	<b>Tomato/ chilli</b>	Fruiting to maturity stage		<ul style="list-style-type: none"> <li>Maintain an even moisture supply of water.</li> </ul>
<p style="text-align: center;"><b>Livestock</b></p> <p><b>General Recommendations</b></p> <ul style="list-style-type: none"> <li>Ensure periodic vaccination of animals against FMD, Brucellosis, Haemorrhagic 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>				
	<b>Poultry</b>	<ul style="list-style-type: none"> <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>		
	<b>Piggery</b>	<ul style="list-style-type: none"> <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</b>	<ul style="list-style-type: none"> <li>Check for any fish disease break out or fish mortality during winter months.</li> </ul>		







# Integrated Agromet Advisory Service Bulletin from 28<sup>th</sup> Jan to 1<sup>st</sup> Feb'17

## Peren District

Bulletin No:09/2017

Weather summary of the preceding week			Weather forecast valid upto 1 <sup>st</sup> Feb'17
<ul style="list-style-type: none"> <li>No rain occurred the past week</li> <li>Maximum and minimum temperatures ranged 28<sup>0</sup>C to 30<sup>0</sup>C and 9<sup>0</sup>C to 10<sup>0</sup>C, respectively.</li> <li>Relative humidity varied from 20% to 88%.</li> <li>Wind speed ranged from 1 to 2 kmph</li> </ul>			<ul style="list-style-type: none"> <li>Probability of no rain the coming week.</li> <li><b>Max temp</b> is likely to be 26<sup>0</sup>C - 27<sup>0</sup>C and the <b>min temp</b> 8<sup>0</sup>C to 9<sup>0</sup>C</li> <li><b>Sky is likely to be mainly clear</b> the coming week</li> <li><b>Relative Humidity</b> is likely to range from 27% to 89%.</li> <li><b>Wind speed</b> may reach upto 2- 4 kmph</li> <li><b>Wind direction</b> will be mostly southeasterly</li> </ul>
Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
<p align="center"><b>Field crops</b></p> <p><b>General Recommendations</b></p> <ul style="list-style-type: none"> <li>Remove all weeds containing seeds, but keep other vegetative rests on the land because that will reduce evaporation. Timing of irrigation - rather late afternoon or early evening to reduce evaporation. Check and repair all tools and machinery especially where there are water leaks</li> <li>Jalkund should be covered with thatch to prevent evaporation losses.</li> </ul>			
TRC/WRC paddy	Storage stage		<ul style="list-style-type: none"> <li>Paddy grains can be mixed with neem leaves at the time of storage to reduce storage pests.</li> </ul>
Toria	Flowering to maturing stage	-	<ul style="list-style-type: none"> <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		<ul style="list-style-type: none"> <li>Provide mulching to conserve moisture</li> </ul>
linseed/lentil	Maturing stage		<ul style="list-style-type: none"> <li>Soil moisture conservation techniques like mulching with crop residue is recommended</li> </ul>
<p align="center"><b>Horticultural crop</b></p> <p><b>General Recommendations</b></p> <ul style="list-style-type: none"> <li>Soils may be mulched with a variety of materials (straw, grass, other beneficial plant materials, etc.) to help retain moisture</li> <li>Growing rice on the same plots after ginger will help to reduce the menace of wilt problem in ginger due to <i>Ralstonia solanacearum</i>.</li> <li>Always remove from the growing area plant materials that show signs of a disease and destroy them or place them in the</li> </ul>			

trash. Maintaining crop hygiene is an essential step for successful farming.			
<b>Mandarin</b>	Fruiting to harvesting stage		<ul style="list-style-type: none"> <li>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</li> </ul>
<b>Vegetables(cabbage, cauliflower)</b>	Heading to harvesting stage		<ul style="list-style-type: none"> <li>Give light irrigation on every alternate day for proper growth of the plant mulching recommended</li> </ul>
		White rot or stalk rot	<ul style="list-style-type: none"> <li>Avoid excess moisture. Remove diseased leaves and destroy them</li> </ul>
<b>Pea</b>	Maturity to harvesting stage		<ul style="list-style-type: none"> <li>Stake the plants for proper support and daily scouting of the field should be done for powdery mildew.</li> </ul>
<b>Tomato/ chilli</b>	Fruiting to maturity stage		<ul style="list-style-type: none"> <li>Removed the infected leaves/ plant at timely interval</li> <li>Maintain an even moisture supply of water.</li> </ul>
<p style="text-align: center;"><b>Livestock</b></p> <p><b>General Recommendations</b></p> <ul style="list-style-type: none"> <li>Ensure periodic vaccination of animals against FMD, Brucellosis, Haemorrhagic 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>			
<b>Poultry</b>	<ul style="list-style-type: none"> <li>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 managerial practices for backyard rearing. Its growth is faster, high egg laying and resistance to diseases qualities made.</li> </ul>		
<b>Piggery</b>	<ul style="list-style-type: none"> <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>		
<b>Fishery</b>	<ul style="list-style-type: none"> <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 28<sup>th</sup> Jan to 1<sup>st</sup> Feb'17 Phek District

Bulletin No:09/2017

Weather summary of the preceding week			Weather forecast valid upto 1 <sup>st</sup> Feb'17
<ul style="list-style-type: none"> <li>No rain occurred the past week</li> <li>Maximum and minimum temperatures ranged 27<sup>0</sup>C to 29<sup>0</sup>C and 8<sup>0</sup>C to 10<sup>9</sup>C, respectively.</li> <li>Relative humidity varied from 21% to 90%.</li> <li>Wind speed ranged from 1 to 2 kmph</li> </ul>			<ul style="list-style-type: none"> <li>Probability of no rain the coming week.</li> <li><b>Max temp</b> is likely to be 25<sup>0</sup>C - 26<sup>0</sup>C and the <b>min temp</b> 8<sup>0</sup>C to 9<sup>0</sup>C</li> <li><b>Sky is likely to be clear</b> the coming week</li> <li><b>Relative Humidity</b> is likely to range from 29% to 85%.</li> <li><b>Wind speed</b> may reach upto 1- 2 kmph</li> <li><b>Wind direction</b> will be mostly southerly</li> </ul>
Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
<p align="center"><b>Field crops</b></p> <p><b>General Recommendations</b></p> <ul style="list-style-type: none"> <li>Conservation of soil moisture through locally available biomass mulching in all the crops.</li> <li>Utilization of harvested water stored in various structures like Jalkund is recommended through drip and sprinkler irrigation system</li> <li>Incorporate organic sources of nutrients (FYM, Vermicompost, Poultry manure, Pig manure, Goat/ Sheep manure, Mixed compost, Neem cake etc.) in to the soil</li> </ul>			
<b>TRC/WRC paddy</b>	Storage stage		<ul style="list-style-type: none"> <li>Paddy grains can be mixed with neem leaves at the time of storage to reduce storage pests.</li> </ul>
<b>Toria</b>	Flowering to maturing stage	-	<ul style="list-style-type: none"> <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>
<b>Rabi maize</b>	Maturing stage		<ul style="list-style-type: none"> <li>Provide mulching to conserve moisture</li> </ul>
<p align="center"><b>Horticultural crop</b></p> <p><b>General Recommendations</b></p> <ul style="list-style-type: none"> <li>Soils may be mulched with a variety of materials (straw, grass, other beneficial plant materials, etc.) to help retain moisture</li> <li>Growing rice on the same plots after ginger will help to reduce the menace of wilt problem in ginger due to <i>Ralstonia</i></li> </ul>			

<i>solanacearum.</i> <ul style="list-style-type: none"> <li>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.</li> </ul>			
<b>Mandarin</b>	Fruiting to harvesting stage		<ul style="list-style-type: none"> <li>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</li> </ul>
<b>Vegetables( cabbage, cauliflower)</b>	Heading to harvesting stage		<ul style="list-style-type: none"> <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> </ul>
		Red ant and cut worm	<ul style="list-style-type: none"> <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>
<b>Pea</b>	Harvesting stage		<ul style="list-style-type: none"> <li>Cautious picking should be done to avoid plant damage.</li> </ul>
<p style="text-align: center;"><b>Livestock</b></p> <p><b>General Recommendations</b></p> <ul style="list-style-type: none"> <li>Ensure periodic vaccination of animals against FMD, Brucellosis, Haemorrhagic 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>			
<b>Poultry</b>	<ul style="list-style-type: none"> <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>		
<b>Piggery</b>	<ul style="list-style-type: none"> <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</b>	<ul style="list-style-type: none"> <li>Check for any fish disease break out or fish mortality during winter months.</li> </ul>		





# Integrated Agromet Advisory Service Bulletin from 28<sup>th</sup> Jan to 1<sup>st</sup> Feb'17 Tuensang District

Bulletin No:09/2017

Weather summary of the preceding week			Weather forecast valid upto 1 <sup>st</sup> Feb'17
<ul style="list-style-type: none"> <li>No rain occurred the past week</li> <li>Maximum and minimum temperatures ranged 28<sup>0</sup>C to 29<sup>0</sup>C and 9<sup>0</sup>C to 10<sup>0</sup>C, respectively.</li> <li>Relative humidity varied from 22% to 95%.</li> <li>Wind speed ranged from 1 to 2 kmph</li> </ul>			<ul style="list-style-type: none"> <li>Probability of no rain the coming week.</li> <li><b>Max temp</b> is likely to be 24<sup>0</sup>C - 25<sup>0</sup>C and the <b>min temp</b> 9<sup>0</sup>C to 10<sup>0</sup>C</li> <li><b>Sky is likely to be clear</b> the coming week</li> <li><b>Relative Humidity</b> is likely to range from 29% to 94%.</li> <li><b>Wind speed</b> may reach upto 1 - 2 kmph</li> <li><b>Wind direction</b> will be mostly southeasterly</li> </ul>
Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
<p align="center"><b>Field crops</b></p> <p><b>General Recommendations</b></p> <ul style="list-style-type: none"> <li>Conservation of soil moisture through locally available biomass mulching in all the crops.</li> <li>Utilization of harvested water stored in various structures like Jalkund is recommended through drip and sprinkler irrigation system</li> <li>Incorporate organic sources of nutrients (FYM, Vermicompost, Poultry manure, Pig manure, Goat/ Sheep manure, Mixed compost, Neem cake etc.) in to the soil</li> </ul>			
<b>TRC/WRC paddy</b>	Storage stage		<ul style="list-style-type: none"> <li>Paddy grains can be mixed with neem leaves at the time of storage to reduce storage pests.</li> </ul>
<b>Toria</b>	Flowering to maturing stage	-	<ul style="list-style-type: none"> <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>
<b>Rabi maize</b>	Maturing stage		<ul style="list-style-type: none"> <li>Provide mulching to conserve moisture</li> </ul>
<p align="center"><b>Horticultural crop</b></p> <p><b>General Recommendations</b></p> <ul style="list-style-type: none"> <li>Soils may be mulched with a variety of materials (straw, grass, other beneficial plant materials, etc.) to help retain moisture</li> <li>Growing rice on the same plots after ginger will help to reduce the menace of wilt problem in ginger due to <i>Ralstonia solanacearum</i>.</li> <li>Always remove from the growing area plant materials that show signs of a disease and destroy them or place them in the</li> </ul>			



trash. Maintaining crop hygiene is an essential step for successful farming.			
<b>Mandarin</b>	Fruiting to harvesting stage		<ul style="list-style-type: none"> <li>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</li> </ul>
<b>Vegetables(cabbage, cauliflower)</b>	Heading to harvesting stage		<ul style="list-style-type: none"> <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> </ul>
		Red ant and cut worm	<ul style="list-style-type: none"> <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>
<b>Pea</b>	Harvesting stage		<ul style="list-style-type: none"> <li>Cautious picking should be done to avoid plant damage.</li> </ul>
<p style="text-align: center;"><b>Livestock</b></p> <p><b>General Recommendations</b></p> <ul style="list-style-type: none"> <li>Ensure periodic vaccination of animals against FMD, Brucellosis, Haemorrhagic 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>			
<b>Poultry</b>	<ul style="list-style-type: none"> <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>		
<b>Piggery</b>	<ul style="list-style-type: none"> <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</b>	<ul style="list-style-type: none"> <li>Check for any fish disease break out or fish mortality during winter months.</li> </ul>		





## Integrated Agromet Advisory Service Bulletin from 28<sup>th</sup> Jan to 1<sup>st</sup> Feb'17 Wokha District

Bulletin No:09/2017

Weather summary of the preceding week			Weather forecast valid upto 1 <sup>st</sup> Feb'17
<ul style="list-style-type: none"> <li>No rain occurred the past week</li> <li>Maximum and minimum temperatures ranged 28<sup>0</sup>C to 29<sup>0</sup>C and 8<sup>0</sup>C to 10<sup>0</sup>C, respectively.</li> <li>Relative humidity varied from 21% to 81%.</li> <li>Wind speed ranged from 2 to 4 kmph</li> </ul>			<ul style="list-style-type: none"> <li>Probability of no rain the coming week.</li> <li><b>Max temp</b> is likely to be 25<sup>0</sup>C - 26<sup>0</sup>C and the <b>min temp</b> 8<sup>0</sup>C to 10<sup>0</sup>C</li> <li><b>Sky is likely to be mainly clear</b> the coming week</li> <li><b>Relative Humidity</b> is likely to range from 30% to 95%.</li> <li><b>Wind speed</b> may reach upto 2- 4 kmph</li> <li><b>Wind direction</b> will be mostly southeasterly</li> </ul>
Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
<p style="text-align: center;"><b>Field crops</b></p> <p><b>General Recommendations</b></p> <ul style="list-style-type: none"> <li>Conservation of soil moisture through locally available biomass mulching in all the crops.</li> <li>Utilization of harvested water stored in various structures like Jalkund is recommended through drip and sprinkler irrigation system</li> <li>Incorporate organic sources of nutrients (FYM, Vermicompost, Poultry manure, Pig manure, Goat/ Sheep manure, Mixed compost, Neem cake etc.) in to the soil</li> </ul>			
<b>TRC/WRC paddy</b>	Storage stage		<ul style="list-style-type: none"> <li><i>Paddy grains can be mixed with neem leaves at the time of storage to reduce storage pests.</i></li> </ul>
<b>Toria</b>	Flowering to maturing stage	-	<ul style="list-style-type: none"> <li><i>Soil moisture conservation techniques like mulching with crop residue is recommended</i></li> <li><i>Keep the field free from weeds and daily scouting of the field should be done for aphid.</i></li> </ul>
<b>Rabi maize</b>	Maturing stage		<ul style="list-style-type: none"> <li><i>Provide mulching to conserve moisture</i></li> </ul>
<p style="text-align: center;"><b>Horticultural crop</b></p> <p><b>General Recommendations</b></p> <ul style="list-style-type: none"> <li>Soils may be mulched with a variety of materials (straw, grass, other beneficial plant materials, etc.) to help retain moisture</li> <li>Growing rice on the same plots after ginger will help to reduce the menace of wilt problem in ginger due to <i>Ralstonia solanacearum</i>.</li> </ul>			

<ul style="list-style-type: none"> <li>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.</li> </ul>			
<b>Mandarin</b>	Fruiting to harvesting stage		<ul style="list-style-type: none"> <li>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</li> </ul>
<b>Vegetables(ca bbage, cauliflower)</b>	Heading to harvesting stage		<ul style="list-style-type: none"> <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> </ul>
		Red ant and cut worm	<ul style="list-style-type: none"> <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>
<b>Pea</b>	Harvesting stage		<ul style="list-style-type: none"> <li>Cautious picking should be done to avoid plant damage.</li> </ul>
<p style="text-align: center;"><b>Livestock</b></p> <p><b>General Recommendations</b></p> <ul style="list-style-type: none"> <li>Ensure periodic vaccination of animals against FMD, Brucellosis, Haemorrhagic 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>			
<b>Poultry</b>	<ul style="list-style-type: none"> <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>		
<b>Piggery</b>	<ul style="list-style-type: none"> <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</b>	<ul style="list-style-type: none"> <li>Check for any fish disease break out or fish mortality during winter months.</li> </ul>		







--	--



## Integrated Agromet Advisory Service Bulletin from 28<sup>th</sup> Jan to 1<sup>st</sup> Feb'17 Zunheboto District

Bulletin No:09/2017

Weather summary of the preceding week			Weather forecast valid upto 1 <sup>st</sup> Feb'17
<ul style="list-style-type: none"> <li>No rain occurred the past week</li> <li>Maximum and minimum temperatures ranged 26<sup>0</sup>C to 28<sup>0</sup>C and 8<sup>0</sup>C to 10<sup>0</sup>C, respectively.</li> <li>Relative humidity varied from 23% to 90%.</li> <li>Wind speed ranged from 1 to 2 kmph</li> </ul>			<ul style="list-style-type: none"> <li>Probability of no rain the coming week.</li> <li><b>Max temp</b> is likely to be 25<sup>0</sup>C - 26<sup>0</sup>C and the <b>min temp</b> 10<sup>0</sup>C to 12<sup>0</sup>C</li> <li><b>Sky is likely to be clear</b> the coming week</li> <li><b>Relative Humidity</b> is likely to range from 28% to 90%.</li> <li><b>Wind speed</b> may reach upto 1- 2 kmph</li> <li><b>Wind direction</b> will be mostly southeasterly</li> </ul>
Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
<p align="center"><b>Field crops</b></p> <p><b>General Recommendations</b></p> <ul style="list-style-type: none"> <li>Conservation of soil moisture through locally available biomass mulching in all the crops.</li> <li>Utilization of harvested water stored in various structures like Jalkund is recommended through drip and sprinkler irrigation system</li> <li>Incorporate organic sources of nutrients (FYM, Vermicompost, Poultry manure, Pig manure, Goat/ Sheep manure, Mixed compost, Neem cake etc.) in to the soil</li> </ul>			
<b>TRC/WRC paddy</b>	Storage stage		<ul style="list-style-type: none"> <li>Paddy grains can be mixed with neem leaves at the time of storage to reduce storage pests.</li> </ul>
<b>Toria</b>	Flowering to maturing stage	-	<ul style="list-style-type: none"> <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>
<b>Rabi maize</b>	Maturing stage		<ul style="list-style-type: none"> <li>Provide mulching to conserve moisture</li> </ul>
<p align="center"><b>Horticultural crop</b></p> <p><b>General Recommendations</b></p> <ul style="list-style-type: none"> <li>Soils may be mulched with a variety of materials (straw, grass, other beneficial plant materials, etc.) to help retain moisture</li> <li>Growing rice on the same plots after ginger will help to reduce the menace of wilt problem in ginger due to <i>Ralstonia solanacearum</i>.</li> </ul>			



<ul style="list-style-type: none"> <li>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.</li> </ul>			
<b>Mandarin</b>	Fruiting to harvesting stage		<ul style="list-style-type: none"> <li>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</li> </ul>
<b>Vegetables( cabbage, cauliflower)</b>	Heading to harvesting stage		<ul style="list-style-type: none"> <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> </ul>
		Red ant and cut worm	<ul style="list-style-type: none"> <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>
<b>Pea</b>	Harvesting stage		<ul style="list-style-type: none"> <li>Cautious picking should be done to avoid plant damage.</li> </ul>
<p style="text-align: center;"><b>Livestock</b></p> <p><b>General Recommendations</b></p> <ul style="list-style-type: none"> <li>Ensure periodic vaccination of animals against FMD, Brucellosis, Haemorrhagic 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>			
<b>Poultry</b>	<ul style="list-style-type: none"> <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>		
<b>Piggery</b>	<ul style="list-style-type: none"> <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</b>	<ul style="list-style-type: none"> <li>Check for any fish disease break out or fish mortality during winter months.</li> </ul>		








# Integrated Agromet Advisory Service Bulletin from 28<sup>th</sup> Jan to 1<sup>st</sup> Feb'17 Dimapur District

Bulletin No:09/2017

Weather summary of the preceding week			Weather forecast valid upto 1 <sup>st</sup> Feb'17
<ul style="list-style-type: none"> <li>No rain occurred the past week</li> <li>Maximum and minimum temperatures ranged 27°C to 28°C and 8°C to 10°C, respectively.</li> <li>Relative humidity varied from 35% to 94%.</li> <li>Wind speed ranged from 2 to 4 kmph</li> </ul>			<ul style="list-style-type: none"> <li>Probability of light rain the coming week.</li> <li><b>Max temp</b> is likely to be 25°C - 27°C and the <b>min temp</b> 9°C to 11°C</li> <li><b>Sky is likely to be mainly clear</b> the coming week</li> <li><b>Relative Humidity</b> is likely to range from 30% to 91%.</li> <li><b>Wind speed</b> may reach upto 3- 4 kmph</li> <li><b>Wind direction</b> will be mostly southeasterly</li> </ul>
Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
<p align="center"><b>Field crops</b></p> <p><b>General Recommendations</b></p> <ul style="list-style-type: none"> <li>Conservation of soil moisture through locally available biomass mulching in all the crops.</li> <li>Utilization of harvested water stored in various structures like Jalkund is recommended through drip and sprinkler irrigation system</li> <li>Incorporate organic sources of nutrients (FYM, Vermicompost, Poultry manure, Pig manure, Goat/ Sheep manure, Mixed compost, Neem cake etc.) in to the soil</li> </ul>			
<b>TRC/WRC paddy</b>	Storage stage		<ul style="list-style-type: none"> <li>Paddy grains can be mixed with neem leaves at the time of storage to reduce storage pests.</li> </ul>
<b>Toria</b>	Flowering to maturing stage	-	<ul style="list-style-type: none"> <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>
<b>Rabi maize</b>	Maturing stage		<ul style="list-style-type: none"> <li>Provide mulching to conserve moisture</li> </ul>
<b>linseed/lentil</b>	Maturing stage		<ul style="list-style-type: none"> <li>Soil moisture conservation techniques like mulching with crop residue is recommended</li> </ul>
<p align="center"><b>Horticultural crop</b></p> <p><b>General Recommendations</b></p> <ul style="list-style-type: none"> <li>Soils may be mulched with a variety of materials (straw, grass, other beneficial plant materials, etc.) to help retain moisture</li> <li>Growing rice on the same plots after ginger will help to reduce the menace of wilt problem in ginger due to <i>Ralstonia solanacearum</i>.</li> <li>Always remove from the growing area plant materials that show signs of a disease and destroy them or place them in the</li> </ul>			


trash. Maintaining crop hygiene is an essential step for successful farming.			
<b>Mandarin</b>	Fruiting to harvesting stage		<ul style="list-style-type: none"> <li>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</li> </ul>
<b>Vegetables(cabbage, cauliflower)</b>	Heading to harvesting stage		<ul style="list-style-type: none"> <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> </ul>
		Red ant and cut worm	<ul style="list-style-type: none"> <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>
<b>Pea</b>	Harvesting stage		<ul style="list-style-type: none"> <li>Cautious picking should be done to avoid plant damage.</li> </ul>
<b>Tomato/chilli</b>	Fruiting to maturity stage		<ul style="list-style-type: none"> <li>Maintain an even moisture supply of water.</li> </ul>
<p style="text-align: center;"><b>Livestock</b></p> <p><b>General Recommendations</b></p> <ul style="list-style-type: none"> <li>Ensure periodic vaccination of animals against FMD, Brucellosis, Haemorrhagic 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>			
<b>Poultry</b>	<ul style="list-style-type: none"> <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>		
<b>Piggery</b>	<ul style="list-style-type: none"> <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</b>	<ul style="list-style-type: none"> <li>Check for any fish disease break out or fish mortality during winter months.</li> </ul>		



# Integrated Agromet Advisory Service Bulletin from 28<sup>th</sup> Jan to 1<sup>st</sup> Feb'17 Kiphire District

Bulletin No:09/2017

Weather summary of the preceding week			Weather forecast valid upto 1 <sup>st</sup> Feb'17
<ul style="list-style-type: none"> <li>No rain occurred the past week</li> <li>Maximum and minimum temperatures ranged 27<sup>o</sup>C to 29<sup>o</sup>C and 9<sup>o</sup>C to 10<sup>o</sup>C, respectively.</li> <li>Relative humidity varied from 26% to 95%.</li> <li>Wind speed ranged from 1 to 2 kmph</li> </ul>			<ul style="list-style-type: none"> <li>Probability of no rain the coming week.</li> <li><b>Max temp</b> is likely to be 25<sup>o</sup>C - 26<sup>o</sup>C and the <b>min temp</b> 9<sup>o</sup>C to 10<sup>o</sup>C</li> <li><b>Sky is likely to be mainly clear</b> the coming week</li> <li><b>Relative Humidity</b> is likely to range from 30% to 94%.</li> <li><b>Wind speed</b> may reach upto 1- 2 kmph</li> <li><b>Wind direction</b> will be mostly southeasterly</li> </ul>
Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
<p align="center"><b>Field crops</b></p> <p><b>General Recommendations</b></p> <ul style="list-style-type: none"> <li>Conservation of soil moisture through locally available biomass mulching in all the crops.</li> <li>Utilization of harvested water stored in various structures like Jalkund is recommended through drip and sprinkler irrigation system</li> <li>Incorporate organic sources of nutrients (FYM, Vermicompost, Poultry manure, Pig manure, Goat/ Sheep manure, Mixed compost, Neem cake etc.) in to the soil</li> </ul>			
<b>TRC/WRC paddy</b>	Storage stage		<ul style="list-style-type: none"> <li><i>Paddy grains can be mixed with neem leaves at the time of storage to reduce storage pests.</i></li> </ul>
<b>Toria</b>	Flowering to maturing stage	-	<ul style="list-style-type: none"> <li><i>Soil moisture conservation techniques like mulching with crop residue is recommended</i></li> <li><i>Keep the field free from weeds and daily scouting of the field should be done for aphid.</i></li> </ul>
<b>Rabi maize</b>	Maturing stage		<ul style="list-style-type: none"> <li><i>Provide mulching to conserve moisture</i></li> </ul>
<p align="center"><b>Horticultural crop</b></p> <p><b>General Recommendations</b></p> <ul style="list-style-type: none"> <li>Soils may be mulched with a variety of materials (straw, grass, other beneficial plant materials, etc.) to help retain moisture</li> <li>Growing rice on the same plots after ginger will help to reduce the menace of wilt problem in ginger due to <i>Ralstonia solanacearum</i>.</li> <li>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.</li> </ul>			

	<b>Mandarin</b>	Fruiting to harvesting stage		<ul style="list-style-type: none"> <li>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</li> </ul>
	<b>Vegetables(cabbage, cauliflower)</b>	Heading to harvesting stage		<ul style="list-style-type: none"> <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> </ul>
			Red ant and cut worm	<ul style="list-style-type: none"> <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>
	<b>Pea</b>	Harvesting stage		<ul style="list-style-type: none"> <li>Cautious picking should be done to avoid plant damage.</li> </ul>
	<p style="text-align: center;"><b>Livestock</b></p> <p><b>General Recommendations</b></p> <ul style="list-style-type: none"> <li>Ensure periodic vaccination of animals against FMD, Brucellosis, Haemorrhagic 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>			
	<b>Poultry</b>	<ul style="list-style-type: none"> <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>		
	<b>Piggery</b>	<ul style="list-style-type: none"> <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</b>	<ul style="list-style-type: none"> <li>Check for any fish disease break out or fish mortality during winter months.</li> </ul>		