



**GRAMIN KRISHI MAUSAM SEWA**  
**ICAR RESEARCH COMPLEX FOR NEH REGION**  
**Nagaland Center, Medziphema-797106**  
**Dimapur, Nagaland**



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Date: 29.03.19		District: Peren		Bulletin No: 26/2019	
Weather of preceding week			Weather forecast valid upto 03.04.2019		
<ul style="list-style-type: none"> <li>▪ Light rain occurred the past week</li> <li>▪ Max and min temperatures ranged 29<sup>0</sup>C to 32<sup>0</sup>C and 15<sup>0</sup>C to 19<sup>0</sup>C, respectively.</li> <li>▪ Relative humidity varied from 23% to 90%.</li> <li>▪ Wind speed ranged from 4 to 5 kmph</li> </ul>			<ul style="list-style-type: none"> <li>▪ Probability of light to medium rain</li> <li>▪ <b>Max temp</b> is likely to be 21<sup>0</sup>C - 25<sup>0</sup>C and <b>min temp</b> 10<sup>0</sup>C to 13<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 23% to 90%.</li> <li>▪ <b>Wind speed</b> may reach upto 2-3 kmph</li> <li>▪ <b>Wind may blow from mostly southeasterly direction</b></li> </ul>		
			<b>Weekly cumulative Rainfall:</b> 75 mm		
<b>General Advisories:</b> Short duration pulse crops and green manuring crops like dhaincha, sunnhemp etc should be planted as pre-kharif crop in fallow paddy lowland/ Terrace Rice field to enhance the soil fertility					
Main crop	Growth Stage	Pest/Disease	Weather based Agro-Advisories		
TRC/WRC paddy	Storage		Keep storage areas, crevices, wooden pallets etc clean by spraying with the recommended insecticide to disinfect insect breeding places. Place sticky traps in the drying and storage areas for rats		
Green gram	Sowing		Sowing should be carried out in the present weather		
Naga king chilli	Nursery preparation	Damping off	Before sowing of seeds, seed treatment should be done with Thiram @2gm/litre of water. Avoid over watering and close spacing to avoid damping off		
Assam Lemon			Propagation through cuttings or seeds should be started before the onset of hot weather for citrus.		
Okra	Sowing	Hoppers and white flies	While germinating, install yellow sticky trap for monitoring white flies and hoppers		
Cucurbitaceous vegetable	Germination	Fruit fly	Apply neem cake @ 250kg/ha immediately after germination		
Poultry	Vaccination of chicks against Ranikhet disease on 5 days old or 5 – 7 days once, one drop in the eyes or nose During transportation of chicks, provide electrolytes and vitamin C and vitamin E rich syrup in drinking water.				
Piggery	As temperature and humidity rises, pay extra attention to the movement of animals. Provide adequate water Prevent overcrowding				
Fishery	As most of the pond is dry, take up renovation works like repairing and cleaning of bottom of the pond				



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<b>Date: 29.03.19</b>	<b>District: Phek</b>	<b>Bulletin No: 26/2019</b>
<b>Weather of preceding week</b>	<b>Weather forecast valid upto 03.04.2019</b>	
<ul style="list-style-type: none"> <li>▪ Light rain occurred the past week</li> <li>▪ Max and min temperatures ranged 27<sup>0</sup>C to 31<sup>0</sup>C and 15<sup>0</sup>C to 18<sup>0</sup>C, respectively.</li> <li>▪ Relative humidity varied from 24% to 80%.</li> <li>▪ Wind speed ranged from 3 to 4 kmph</li> </ul>	<ul style="list-style-type: none"> <li>▪ Probability of light to medium rain</li> <li>▪ <b>Max temp</b> is likely to be 21<sup>0</sup>C - 25<sup>0</sup>C and <b>min temp</b> 10<sup>0</sup>C to 13<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 40% to 78%.</li> <li>▪ <b>Wind speed</b> may reach upto 2-4 kmph</li> <li>▪ <b>Wind may blow most southerly direction</b></li> </ul> <p style="background-color: #d9ead3; margin: 0;"><b>Weekly cumulative Rainfall:</b> 90 mm</p>	

**WEATHER FORECAST BASED AGROMET ADVISORIES**

<b>General Advisories: Use well decomposed FYM before sowing of crop</b>			
Main crop	Growth Stage	Pest/Disease	Weather based Agro-Advisories
<i>TRC/WRC paddy</i>	Storage		Place sticky traps in the drying and storage areas for rats
<i>Potato</i>	Vegetative stage	Early blight, leaf spot	Regular monitoring of disease should be done. Avoid cultivation of solanaceous crops like tomato, brinjal, chillies etc. nearby potato fields Fields should be kept neat and clean, free from weeds
<i>Maize</i>	Sowing		Seed should be treated with Bavistin@3gm/Kg of seeds before sowing. Ensure optimum soil moisture for proper germination
<i>Cucurbitaceous vegetable</i>	Vegetative stage	Fruit fly	Apply neem cake @ 250kg/ha immediately after germination
<i>Khasi mandarin</i>			Prepare basin around the plants followed by mulching with local grasses.
<i>Summer crops</i>			Farmers are advised to go for sowing of summer vegetables like ladies finger, cucurbitaceous crops like gourd, pumpkin, ridge gourd, ash gourd, spine gourd etc. and certified seeds should be use to produce good yield.
<i>Poultry</i>	For day old chicks provide cool water and electrolytes on their arrival to farm before offering feed to avoid dehydration after transportation Supply of plenty of clean and cool water must be ensured during summer months. Provide Electral Energy (1-2 gm/liter) in water during hot hours.		
<i>Piggery</i>	As temperature and humidity rises, pay extra attention to the movement of animals. Provide adequate water Prevent overcrowding		
<i>Fishery</i>	As most of the pond is dry, take up renovation works like repairing and cleaning of bottom of the pond		



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<b>Date: 29.03.19</b>	<b>District: Tuensang</b>	<b>Bulletin No: 26/2019</b>
<b>Weather of preceding week</b>	<b>Weather forecast valid upto 03.04.2019</b>	
<ul style="list-style-type: none"> <li>▪ Light rain occurred the past week</li> <li>▪ Max and min temperatures ranged 24<sup>0</sup>C to 30<sup>0</sup>C and 14<sup>0</sup>C to 17<sup>0</sup>C, respectively.</li> <li>▪ Relative humidity varied from 28% to 80%.</li> <li>▪ Wind speed ranged from 3 to 4 kmph</li> </ul>	<ul style="list-style-type: none"> <li>▪ Probability of light to medium rain</li> <li>▪ <b>Max temp</b> is likely to be 21<sup>0</sup>C-23<sup>0</sup>C and <b>min temp</b> 9<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 22% to 79%.</li> <li>▪ <b>Wind speed</b> may reach upto 3-4 kmph</li> <li>▪ <b>Wind may blow from mostly southerly direction</b></li> </ul> <p><b>Weekly cumulative Rainfall:</b> 35 mm</p>	

**WEATHER FORECAST BASED AGROMET ADVISORIES**

**General Recommendations:** In the present weather, start sowing of summer crops

Main crop	Growth Stage	Pest/Disease	Weather based Agro-Advisories
<i>Jhum paddy</i>	Sowing	Blast	<i>To manage blast, use high quality, disease free seeds for sowing, Destroy the infested residue, stubbles, grass and weeds present around the field. They act as a source for the infection</i>
<i>TRC/WRC paddy</i>	Storage		<i>Storage rooms should be physically rodent and bird proof, if possible, place sticky traps in the drying and storage areas for rats.</i>
<i>Potato</i>	Vegetative stage	Early blight, leaf spot	<i>Regular monitoring of disease should be done. Avoid cultivation of solanaceous crops like tomato, brinjal, chillies etc. nearby potato fields. Fields should be kept neat and clean, free from weeds</i>
<i>Rajmash</i>	Vegetative stage	Leaf miner	<i>In the present weather, as rainfall has occurred timely earthing up should be done. Timely roughing of infected plants should be done, handpick and destroy the mined leaves, whenever necessary spray the crop with neem products</i>
<i>Cucurbitaceous vegetable</i>	Vegetative stage	Fruit fly	<i>Apply neem cake @ 250kg/ha immediately after germination</i>
<i>Khasi Mandarin</i>	Post harvesting stage		<i>In the present weather, water sprout, diseases and dried/dead twigs of mandarin should be removed after harvesting and cut end pasted with Bordeaux paste</i>
<b>Poultry</b>	For day old chicks provide cool water and electrolytes on their arrival to farm before offering feed to avoid dehydration after transportation Supply of plenty of clean and cool water must be ensured during summer months. Provide Electral Energy (1-2 gm/liter) in water during hot hours.		
<b>Piggery</b>	As temperature and humidity rises, pay extra attention to the movement of animals. Provide adequate water Prevent overcrowding		
<b>Fishery</b>	As most of the pond is dry, take up renovation works like repairing and cleaning of bottom of the pond		



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<b>Date: 29.03.19</b>	<b>District: Wokha</b>	<b>Bulletin No: 26/2019</b>
<b>Weather of preceding week</b>		<b>Weather forecast valid upto 03.04.2019</b>
<ul style="list-style-type: none"> <li>▪ Light rain occurred the past week</li> <li>▪ Max and min temperatures ranged 21<sup>0</sup>C to 23<sup>0</sup>C and 10<sup>0</sup>C to 11<sup>0</sup>C respectively.</li> <li>▪ Relative humidity varied from 40% to 80%.</li> <li>▪ Wind speed ranged from 5 to 6 kmph</li> </ul>		<ul style="list-style-type: none"> <li>▪ Probability of light to medium rain</li> <li>▪ <b>Max temp</b> is likely to be 21<sup>0</sup>C-25<sup>0</sup>C and <b>min temp</b> 10<sup>0</sup>C to 13<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 33% to 90%.</li> <li>▪ <b>Wind speed</b> may reach upto 3-4 kmph</li> <li>▪ <b>Wind may blow from easterly direction</b></li> </ul> <p><b>Weekly cumulative Rainfall:</b> 40mm</p>

**WEATHER FORECAST BASED AGROMET ADVISORIES**

**General Recommendations:** Short duration pulse crops and green manuring crops like dhaincha, sunnhemp etc should be planted as pre-kharif crop in fallow paddy lowland/ Terrace Rice field to enhance the soil fertility

Main crop	Growth Stage	Pest/Disease	Weather based Agro-Advisories
<i>Jhum paddy</i>	Sowing	Blast	<i>To manage blast, use high quality, disease free seeds for sowing, Destroy the infested residue, stubbles, grass and weeds present around the field. They act as a source for the infection</i>
<b>Potato</b>	Vegetative stage	Early blight, leaf spot	<i>Regular monitoring of disease should be done. Avoid cultivation of solanaceous crops like tomato, brinjal, chillies etc. nearby potato fields Fields should be kept neat and clean, free from weeds</i>
<i>Maize</i>	Sowing		<i>Seed should be treated with Bavistin@3gm/Kg of seeds before sowing. Ensure optimum soil moisture for proper germination</i>
<i>Brinjal</i>	Transplanting		<i>In present weather conditions, transplanting of young seedlings of brinjal may be done. Irrigation should be done after transplanting.</i>
<b>Summer crops</b>			<i>Farmers are advised to go for sowing of summer vegetables like ladies finger, cucurbitaceous crops like gourd, pumpkin, ridge gourd, ash gourd, spine gourd etc. and certified seeds should be use to produce good yield.</i>
<i>Citrus</i>	Propagation	-	<i>Propagation through cuttings or seeds should be started before the onset of hot weather for citrus. For young trees to encourage good growth, a weed free area should be maintained atleast 4 feet diameter around the young trees.</i>
<b>Poultry</b>	Supply of plenty of clean and cool water must be ensured during summer months. Provide Electral Energy (1-2 gm/liter) in water during hot hours.		
<b>Piggery</b>	As temperature and humidity rises, pay extra attention to the movement of animals. Provide adequate water Prevent overcrowding		
<b>Fishery</b>	As most of the pond is dry, take up renovation works like repairing and cleaning of bottom of the pond		



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<b>Date: 29.03.19</b>	<b>District: Zunheboto</b>	<b>Bulletin No: 26/2019</b>
<b>Weather of preceding week</b>		<b>Weather forecast valid upto 03.04.2019</b>
<ul style="list-style-type: none"> <li>▪ Light rain occurred the past week</li> <li>▪ Max and min temperatures ranged 21<sup>0</sup>C to 23<sup>0</sup>C and 9<sup>0</sup>C to 12<sup>0</sup>C, respectively.</li> <li>▪ Relative humidity varied from 30% to 86%.</li> <li>▪ Wind speed ranged from 3 to 4 kmph</li> </ul>		<ul style="list-style-type: none"> <li>▪ Probability of light to medium rain</li> <li>▪ <b>Max temp</b> is likely to be 21<sup>0</sup>C- 25<sup>0</sup>C and <b>min temp</b> 11<sup>0</sup>C to 13<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 31% to 89%.</li> <li>▪ <b>Wind speed</b> may reach upto 4-5 kmph</li> <li>▪ <b>Wind may blow from south easterly direction</b></li> </ul> <p><b>Weekly cumulative Rainfall:</b> 36 mm</p>

**WEATHER FORECAST BASED AGROMET ADVISORIES**

**General Recommendations:** Short duration pulse crops and green manuring crops like dhaincha, sunnhemp etc should be planted as pre-kharif crop in fallow paddy lowland/ Terrace Rice field to enhance the soil fertility

Main crop	Growth Stage	Pest/Disease	Weather based Agro-Advisories
<i>Jhum paddy</i>	Sowing	Blast	<i>To manage blast, use high quality, disease free seeds for sowing, Destroy the infested residue, stubbles, grass and weeds present around the field. They act as a source for the infection</i>
<b>Potato</b>	Vegetative stage	Early blight, leaf spot	<i>Regular monitoring of disease should be done. Avoid cultivation of solanaceous crops like tomato, brinjal, chillies etc. nearby potato fields. Fields should be kept neat and clean, free from weeds</i>
<i>Maize</i>	Sowing		<i>Seed should be treated with Bavistin@3gm/Kg of seeds before sowing. Ensure optimum soil moisture for proper germination</i>
<i>Brinjal</i>	Transplanting		<i>In present weather conditions, transplanting of young seedlings of brinjal may be done. Irrigation should be done after transplanting.</i>
<b>Summer crops</b>			<i>Farmers are advised to go for sowing of summer vegetables like ladies finger, cucurbitaceous crops like gourd, pumpkin, ridge gourd, ash gourd, spine gourd etc. and certified seeds should be use to produce good yield.</i>
<i>Citrus</i>	Propagation	-	<i>Propagation through cuttings or seeds should be started before the onset of hot weather for citrus. For young trees to encourage good growth, a weed free area should be maintained atleast 4 feet diameter around the young trees.</i>
<b>Poultry</b>			<i>Supply of plenty of clean and cool water must be ensured during summer months. Provide Electral Energy (1-2 gm/liter) in water during hot hours.</i>
<b>Piggery</b>		Swine fever	<i>Vaccinate all newly born piglets against swine fever at the age of 3 months followed by annual booster dose. Keep floor dry to avoid skin diseases.</i>
<b>Fishery</b>			<i>As most of the pond is dry, take up renovation works like repairing and cleaning of bottom of the pond</i>





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<b>Date: 29.03.19</b>	<b>District: Dimapur</b>	<b>Bulletin No: 26/2019</b>
<b>Weather of preceding week</b>		<b>Weather forecast valid upto 03.04.2019</b>
<ul style="list-style-type: none"> <li>▪ Light rain occurred the past week</li> <li>▪ Max and min temperatures ranged 29<sup>0</sup>C to 31<sup>0</sup>C and 17<sup>0</sup>C to 19<sup>0</sup>C, respectively.</li> <li>▪ Relative humidity varied from 27% to 80%.</li> <li>▪ Wind speed ranged from 5 to 6 kmph</li> </ul>		<ul style="list-style-type: none"> <li>▪ Probability of light rain</li> <li>▪ <b>Max temp</b> is likely to be 30<sup>0</sup>C - 32<sup>0</sup>C and <b>min temp</b> 16<sup>0</sup>C to 18<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 81%.</li> <li>▪ <b>Wind speed</b> may reach upto 4-6 kmph</li> <li>▪ <b>Wind may blow from south easterly direction</b></li> </ul> <p><b>Weekly cumulative Rainfall:</b> 5mm</p>

**WEATHER FORECAST BASED AGROMET ADVISORIES**

**General Advisories:** Short duration pulse crops and green manuring crops like dhaincha, sunnhemp etc should be planted as pre-kharif crop in fallow paddy lowland/ Terrace Rice field to enhance the soil fertility

Main crop	Growth Stage	Pest/Disease	Weather based Agro-Advisories
<b>TRC/WRC paddy</b>	Storage		Keep storage areas, crevices, wooden pallets etc clean by spraying with the recommended insecticide to disinfect insect breeding places. Place sticky traps in the drying and storage areas for rats
<i>Green gram</i>	Sowing		Sowing should be carried out in the present weather
<i>Naga king chilli</i>	Nursery preparation	Damping off	Before sowing of seeds, seed treatment should be done with Thiram @2gm/litre of water. Avoid over watering and close spacing to avoid damping off
<i>Assam Lemon</i>			Propagation through cuttings or seeds should be started before the onset of hot weather for citrus.
<i>Okra</i>	Sowing	Hoppers and white flies	While germinating, install yellow sticky trap for monitoring white flies and hoppers
<b>Cucurbitaceous vegetable</b>	Vegetative stage		In cucurbitaceous crop which are 20-25 days old, application of 10-15 gram urea/hill is advised.
<b>Poultry</b>	For day old chicks provide cool water and electrolytes on their arrival to farm before offering feed to avoid dehydration after transportation Supply of plenty of clean and cool water must be ensured during summer months. Provide Electral Energy (1-2 gm/liter) in water during hot hours.		
<b>Piggery</b>	As temperature and humidity rises, pay extra attention to the movement of animals. Provide adequate water Prevent overcrowding		
<b>Fishery</b>	As most of the pond is dry, take up renovation works like repairing and cleaning of bottom of the pond		



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<b>Date: 29.03.19</b>	<b>District: Kiphire</b>	<b>Bulletin No: 26/2019</b>
<b>Weather of preceding week</b>		<b>Weather forecast valid upto 03.04.2019</b>
<ul style="list-style-type: none"> <li>▪ Light rain occurred the past week</li> <li>▪ Max and min temperatures ranged 25<sup>0</sup>C to 30<sup>0</sup>C and 15<sup>0</sup>C to 18<sup>0</sup>C, respectively.</li> <li>▪ Relative humidity varied from 24% to 73%.</li> <li>▪ Wind speed ranged from 3 to 4 kmph</li> </ul>		<ul style="list-style-type: none"> <li>▪ Probability of light to medium rain</li> <li>▪ <b>Max temp</b> is likely to be 22<sup>0</sup>C -27<sup>0</sup>C and <b>min temp</b> 10<sup>0</sup>C to 14<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 79%.</li> <li>▪ <b>Wind speed</b> may reach upto 3-4 kmph</li> <li>▪ <b>Wind may blow from southerly direction</b></li> </ul> <p style="background-color: #ffffcc; margin-top: 5px;"><b>Weekly cumulative Rainfall:</b> 67 mm</p>

**WEATHER FORECAST BASED AGROMET ADVISORIES**

**General Recommendations:** In the present weather, start sowing of summer crops

Main crop	Growth Stage	Pest/Disease	Weather based Agro-Advisories
<i>Jhum paddy</i>	Sowing	Blast	<i>To manage blast, use high quality, disease free seeds for sowing, Destroy the infested residue, stubbles, grass and weeds present around the field. They act as a source for the infection</i>
<i>Potato</i>	Harvesting stage		<i>Regular monitoring of pest and disease is advised Crop rotation should be carried out to reduce soil borne pests and diseases</i>
<i>Maize</i>	Germination		<i>After 10 days of germination, thinning should be done keeping one plant per hill</i>
<i>Rajmash</i>	Vegetative stage	Leaf miner	<i>In the present weather, as rainfall has occurred timely earthing up should be done. Timely roughing of infected plants should be done, handpick and destroy the mined leaves, whenever necessary spray the crop with neem products</i>
<i>Cucurbitaceous vegetable</i>	Vegetative stage	Fruit fly	<i>Apply neem cake @ 250kg/ha immediately after germination</i>
<i>Brinjal</i>	Nursery	Damping off	<i>To manage damping off, drench the beds with bavistin@15-20 gm/litres of water</i>
<i>King chilli</i>	Nursery	Damping off	<i>For damping off, drenching should be done with Thiram@2gm/litre of water at 10 – 15 days interval Start preparation of the main field, use well rotten FYM or vermin compost</i>
Poultry	For day old chicks provide cool water and electrolytes on their arrival to farm before offering feed to avoid dehydration after transportation Supply of plenty of clean and cool water must be ensured during summer months. Provide Electral Energy (1-2 gm/liter) in water during hot hours		
Piggery	As temperature and humidity rises, pay extra attention to the movement of animals. Provide adequate water Prevent overcrowding		
Fishery	As most of the pond is dry, take up renovation works like repairing and cleaning of bottom of the pond		



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<b>Date: 29.03.19</b>	<b>District: Kohima</b>	<b>Bulletin No: 26/2019</b>
<b>Weather of preceding week</b>		<b>Weather forecast valid upto 03.04.2019</b>
<ul style="list-style-type: none"> <li>▪ Light rain occurred the past week</li> <li>▪ Max and min temperatures ranged 29<sup>o</sup>C to 32<sup>o</sup>C and 15<sup>o</sup>C to 18<sup>o</sup>C, respectively.</li> <li>▪ Relative humidity varied from 24% to 82%.</li> <li>▪ Wind speed ranged from 5 to 6 kmph</li> </ul>		<ul style="list-style-type: none"> <li>▪ Probability of light to medium rain</li> <li>▪ <b>Max temp</b> is likely to be 21<sup>o</sup>C - 24<sup>o</sup>C and <b>min temp</b> 10<sup>o</sup>C to 13<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 34% to 92%.</li> <li>▪ <b>Wind speed</b> may reach upto 2-7 kmph</li> <li>▪ <b>Wind may blow from south easterly direction</b></li> </ul> <p style="background-color: #d9ead3; margin-top: 5px;"><b>Weekly cumulative Rainfall:</b> 70 mm</p>

**WEATHER FORECAST BASED AGROMET ADVISORIES**

<b>General Advisories</b> Use well decomposed FYM before sowing of crop			
Main crop	Growth Stage	Pest/Disease	Weather based Agro-Advisories
<i>TRC/WRC paddy</i>	Storage		<i>Place sticky traps in the drying and storage areas for rats</i>
<i>Potato</i>	Vegetative stage	Early blight, leaf spot	<i>Regular monitoring of disease should be done. Avoid cultivation of solanaceous crops like tomato, brinjal, chillies etc. nearby potato fields Fields should be kept neat and clean, free from weeds</i>
<i>Maize</i>	Sowing		<i>Seed should be treated with Bavistin@3gm/Kg of seeds before sowing. Ensure optimum soil moisture for proper germination</i>
<i>Cucurbitaceous vegetable</i>	Vegetative stage	Fruit fly	<i>Apply neem cake @ 250kg/ha immediately after germination</i>
<i>Khasi mandarin</i>			<i>Prepare basin around the plants followed by mulching with local grasses.</i>
<i>Summer crops</i>			<i>Farmers are advised to go for sowing of summer vegetables like ladies finger, cucurbitaceous crops like gourd, pumpkin, ridge gourd, ash gourd, spine gourd etc. and certified seeds should be use to produce good yield.</i>
<i>Poultry</i>	For day old chicks provide cool water and electrolytes on their arrival to farm before offering feed to avoid dehydration after transportation Supply of plenty of clean and cool water must be ensured during summer months. Provide Electral Energy (1-2 gm/liter) in water during hot hours.		
<i>Piggery</i>	As temperature and humidity rises, pay extra attention to the movement of animals. Provide adequate water Prevent overcrowding		
<i>Fishery</i>	As most of the pond is dry, take up renovation works like repairing and cleaning of bottom of the pond		



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<b>Date: 29.03.19</b>	<b>District: Longleng</b>	<b>Bulletin No: 26/2019</b>
<b>Weather of preceding week</b>		<b>Weather forecast valid upto 03.04.2019</b>
<ul style="list-style-type: none"> <li>▪ Light rain occurred the past week</li> <li>▪ Max and min temperatures ranged 27<sup>0</sup>C to 31<sup>0</sup>C and 17<sup>0</sup>C to 20<sup>0</sup>C, respectively.</li> <li>▪ Relative humidity varied from 32% to 81%.</li> <li>▪ Wind speed ranged from 2 to 4 kmph</li> </ul>		<ul style="list-style-type: none"> <li>▪ Probability of light rain</li> <li>▪ <b>Max temp</b> is likely to be 21<sup>0</sup>C-25<sup>0</sup>C and <b>min temp</b> 10<sup>0</sup>C to 15<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 47% to 74%.</li> <li>▪ <b>Wind speed</b> may reach upto 3-4 kmph</li> <li>▪ <b>Wind may blow from south easterly direction</b></li> </ul> <p style="background-color: #ffffcc; margin-top: 5px;"><b>Weekly cumulative Rainfall: 27mm</b></p>

**WEATHER FORECAST BASED AGROMET ADVISORIES**

**General Recommendations:** Short duration pulse crops and green manuring crops like dhaincha, sunnhemp etc should be planted as pre-kharif crop in fallow paddy lowland/ Terrace Rice field to enhance the soil fertility

Main crop	Growth Stage	Pest/Disease	Weather based Agro-Advisories
<i>Jhum paddy</i>	Sowing	Blast	<i>To manage blast, use high quality, disease free seeds for sowing, Destroy the infested residue, stubbles, grass and weeds present around the field. They act as a source for the infection</i>
<b>Potato</b>	Vegetative stage	Early blight, leaf spot	<i>Regular monitoring of disease should be done. Avoid cultivation of solanaceous crops like tomato, brinjal, chillies etc. nearby potato fields Fields should be kept neat and clean, free from weeds</i>
<i>Maize</i>	Sowing		<i>Seed should be treated with Bavistin@3gm/Kg of seeds before sowing. Ensure optimum soil moisture for proper germination</i>
<i>Brinjal</i>	Transplanting		<i>In present weather conditions, transplanting of young seedlings of brinjal may be done. Irrigation should be done after transplanting.</i>
<i>Summer crops</i>			<i>Farmers are advised to go for sowing of summer vegetables like ladies finger, cucurbitaceous crops like gourd, pumpkin, ridge gourd, ash gourd, spine gourd etc. and certified seeds should be use to produce good yield.</i>
<i>Citrus</i>	Propagation	-	<i>Propagation through cuttings or seeds should be started before the onset of hot weather for citrus. For young trees to encourage good growth, a weed free area should be maintained atleast 4 feet diameter around the young trees.</i>
<i>Poultry</i>			<i>For day old chicks provide cool water and electrolytes on their arrival to farm before offering feed to avoid dehydration after transportation</i>
<i>Piggery</i>			<i>Vaccinate all newly born piglets against swine fever at the age of 3 months followed by annual booster dose. Keep floor dry to avoid skin diseases.</i>
<i>Fishery</i>			<i>As most of the pond is dry, take up renovation works like repairing and cleaning of bottom of the pond</i>



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<b>Date: 29.03.19</b>	<b>District: Mokokchung</b>	<b>Bulletin No: 26/2019</b>
<b>Weather of preceding week</b>		<b>Weather forecast valid upto 03.04.2019</b>
<ul style="list-style-type: none"> <li>▪ Light rain occurred the past week</li> <li>▪ Max and min temperatures ranged 25<sup>0</sup>C to 30<sup>0</sup>C and 16<sup>0</sup>C to 18<sup>0</sup>C, respectively.</li> <li>▪ Relative humidity varied from 27% to 90%.</li> <li>▪ Wind speed ranged from 4 to 5 kmph</li> </ul>		<ul style="list-style-type: none"> <li>▪ Probability of light to medium rain</li> <li>▪ <b>Max temp</b> is likely to be 21<sup>0</sup>C-25<sup>0</sup>C and <b>min temp</b> 10<sup>0</sup>C to 13<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 32% to 84%.</li> <li>▪ <b>Wind speed</b> may reach upto 3-6 kmph</li> <li>▪ <b>Wind may blow from south easterly direction</b></li> <li>▪ <b>Weekly cumulative Rainfall:</b> 42 mm</li> </ul>

**WEATHER FORECAST BASED AGROMET ADVISORIES**

**General Recommendations:** Use well decomposed FYM before sowing of crop

Main crop	Growth Stage	Pest/Disease	Weather based Agro-Advisories
<i>Jhum paddy</i>	Sowing	Blast	<i>To manage blast, use high quality, disease free seeds for sowing, Destroy the infested residue, stubbles, grass and weeds present around the field. They act as a source for the infection</i>
<b>Potato</b>	Vegetative stage	Early blight, leaf spot	<i>Regular monitoring of disease should be done. Avoid cultivation of solanaceous crops like tomato, brinjal, chillies etc. nearby potato fields Fields should be kept neat and clean, free from weeds</i>
<i>Maize</i>	Sowing		<i>Seed should be treated with Bavistin@3gm/Kg of seeds before sowing. Ensure optimum soil moisture for proper germination</i>
<i>Brinjal</i>	Transplanting		<i>In present weather conditions, transplanting of young seedlings of brinjal may be done. Irrigation should be done after transplanting.</i>
<i>Summer crops</i>			<i>Farmers are advised to go for sowing of summer vegetables like ladies finger, cucurbitaceous crops like gourd, pumpkin, ridge gourd, ash gourd, spine gourd etc. and certified seeds should be use to produce good yield.</i>
<i>Citrus</i>	Propagation	-	<i>Propagation through cuttings or seeds should be started before the onset of hot weather for citrus. For young trees to encourage good growth, a weed free area should be maintained atleast 4 feet diameter around the young trees.</i>
<i>Poultry</i>			Supply of plenty of clean and cool water must be ensured during summer months. Provide Electral Energy (1-2 gm/liter) in water during hot hours.
<i>Piggery</i>			As temperature and humidity rises, pay extra attention to the movement of animals.
<i>Fishery</i>			As most of the pond is dry, take up renovation works like repairing and cleaning of bottom of the pond



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<b>Date: 29.03.19</b>	<b>District: Mon</b>	<b>Bulletin No: 26/2019</b>
<b>Weather of preceding week</b>		<b>Weather forecast valid upto 03.04.2019</b>
<ul style="list-style-type: none"> <li>▪ Light rain occurred the past week</li> <li>▪ Max and min temperatures ranged 27<sup>0</sup>C to 30<sup>0</sup>C and 15<sup>0</sup>C to 17<sup>0</sup>C, respectively.</li> <li>▪ Relative humidity varied from 33% to 89%.</li> <li>▪ Wind speed ranged from 4 to 5 kmph</li> </ul>		<ul style="list-style-type: none"> <li>▪ Probability of light rain</li> <li>▪ <b>Max temp</b> is likely to be 22<sup>0</sup>C - 27<sup>0</sup>C and <b>min temp</b> 10<sup>0</sup>C to 14<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 32% to 80%.</li> <li>▪ <b>Wind speed</b> may reach upto 3-7 kmph</li> <li>▪ <b>Wind may blow from south easterly direction</b></li> </ul> <p style="background-color: #ffffcc; margin-top: 5px;"><b>Weekly cumulative Rainfall:</b> 14mm</p>

**General Recommendations:** Farmers are advised to treat the seeds before sowing

**WEATHER FORECAST BASED AGROMET ADVISORIES**

Main crop	Growth Stage	Pest/Disease	Weather based Agro-Advisories
<i>Jhum paddy</i>	Vegetative stage	Blast	To manage blast, use high quality, disease free seeds for sowing, Destroy the infested residue, stubbles, grass and weeds present around the field. They act as a source for the infection
<i>TRC/WRC paddy</i>	Storage		Inspect the stored seeds once a week for signs of insect infestation. Place sticky traps in the drying and storage areas for rats
<i>Potato</i>	Vegetative stage	Early blight, leaf spot	Regular monitoring of disease should be done. Avoid cultivation of solanaceous crops like tomato, brinjal, chillies etc. nearby potato fields Fields should be kept neat and clean, free from weeds
<i>Maize</i>	Sowing		Seed should be treated with Bavistin@3gm/Kg of seeds before sowing. Ensure optimum soil moisture for proper germination
<i>Cucurbitaceous vegetable</i>	Vegetative stage	Fruit fly	Apply neem cake @ 250kg/ha immediately after germination
<i>Citrus</i>		Leaf miner	Citrus leafminer moths are attracted to the new flush of citrus trees. Avoid pruning live branches more than once a year, so that the cycles of flushing are uniform and short. Once the leaves harden, the pest will not be able to mine the leaves. Do not prune off leaves damaged by citrus leaf miner since undamaged areas of leaves continue to produce food for the tree.
<i>Poultry</i>			Supply of plenty of clean and cool water must be ensured during summer months. Provide Electrical Energy (1-2 gm/liter) in water during hot hours.
<i>Piggery</i>			As temperature and humidity rises, pay extra attention to the movement of animals. Provide adequate water Prevent overcrowding
<i>Fishery</i>			As most of the pond is dry, take up renovation works like repairing and cleaning of bottom of the pond