



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



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<b>Date: 05.04.19</b>	<b>District: Dimapur</b>	<b>Bulletin No: 28/2019</b>
<b>Weather of preceding week</b>		<b>Weather forecast valid upto 10.04.2019</b>
<ul style="list-style-type: none"> <li>▪ Light rain occurred the past week</li> <li>▪ Max and min temperatures ranged 30<sup>o</sup>C to 33<sup>o</sup>C and 18<sup>o</sup>C to 20<sup>o</sup>C, respectively.</li> <li>▪ Relative humidity varied from 28% 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 29<sup>o</sup>C - 33<sup>o</sup>C and <b>min temp</b> 17<sup>o</sup>C to 18<sup>o</sup>C</li> <li>▪ <b>Sky is likely to be partly cloudy</b> the coming week</li> <li>▪ <b>Relative Humidity</b> is likely to range from 36% to 83%.</li> <li>▪ <b>Wind speed</b> may reach upto 4-6 kmph</li> <li>▪ <b>Wind may blow from south easterly direction</b></li> <li>▪ <b>Weekly cumulative Rainfall:</b> 25mm</li> </ul>

**WEATHER FORECAST BASED AGROMET ADVISORIES**

- General Advisories:**
- As there is probability of rain the coming week postpone irrigation, application of fertilizer etc
  - In view of increasing wind velocity and rain in this week too, farmers are advised to keep harvested crops and grains in the protected place.
  - Start preparation of pits of size 3ft\*3ft\*3ft (1m\*1m\*1m) for planting of fruit trees. Pits may be filled with well dried FYM/organic manure, neem powder and lime for further planting

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
<b>Green gram</b>	Sowing		Sowing should be carried out in the present weather
<b>Naga king chilli</b>	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
<b>Assam Lemon</b>			Propagation through cuttings or seeds should be started before the onset of hot weather for citrus.
<b>Okra</b>	Germinating stage	Hoppers and white flies	While germinating, install yellow sticky trap for monitoring white flies and hoppers Timely earthing up should be done
<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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Date: 05.04.19		District: Kiphire		Bulletin No: 28/2019	
<b>Weather of preceding week</b>			<b>Weather forecast valid upto 10.04.2019</b>		
<ul style="list-style-type: none"> <li>▪ Light rain occurred the past week</li> <li>▪ Max and min temperatures ranged 22<sup>o</sup>C to 27<sup>o</sup>C and 13<sup>o</sup>C to 15<sup>o</sup>C, respectively.</li> <li>▪ Relative humidity varied from 30% to 79%.</li> <li>▪ Wind speed ranged from 3 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 27<sup>o</sup>C -32<sup>o</sup>C and <b>min temp</b> 17<sup>o</sup>C to 18<sup>o</sup>C</li> <li>▪ <b>Sky is likely to be partly cloudy</b> the coming week</li> <li>▪ <b>Relative Humidity</b> is likely to range from 35% to 80%.</li> <li>▪ <b>Wind speed</b> may reach upto 3-4 kmph</li> <li>▪ <b>Wind may blow from southerly direction</b></li> </ul>		
<b>Weekly cumulative Rainfall: 45 mm</b>					
<b>WEATHER FORECAST BASED AGROMET ADVISORIES</b>					
<b>General Recommendations:</b>					
<ul style="list-style-type: none"> <li>• As there is probability of rain the coming week postpone irrigation, application of fertilizer etc</li> <li>• In view of increasing wind velocity and rain in this week too, farmers are advised to keep harvested crops and grains in the protected place.</li> <li>• Start preparation of pits of size 3ft*3ft*3ft (1m*1m*1m) for planting of fruit trees. Pits may be filled with well dried FYM/organic manure, neem powder and lime for further planting.</li> </ul>					
Main crop	Growth Stage	Pest/Disease	Weather based Agro-Advisories		
<i>Jhum paddy</i>	Germination	Leaf folder Blast	To prevent the development of both <i>leaf folder</i> and <i>blast</i> , remove grass weeds from in and around the paddy fields		
<i>Maize</i>	Germination	Dead heart	<i>After 10 days of germination, thinning should be done keeping one plant per hill</i> <i>Daily monitoring should be done for <b>dead hearts</b> and timely removal and destruction of dead hearts should be done.</i>		
<i>Rajmash</i>	Vegetative stage	Leaf miner	<i>In the present weather, as rainfall has occurred timely earthing up should be done.</i> <i>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>Start preparation of the main field by giving 4-5 ploughings</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</i> <i>Start preparation of the main field, use well rotten FYM or vermin compost</i>		
Poultry	Provide plenty of clean and cool water during summer months. Provide Electral Energy (1-2 gm/liter) in water during hot hours. Clean and disinfect feeders and waterers regularly.				
Piggery	Vaccinate against classical swine fever and FMD if not done already.				
Fishery	Remove all small fishes and thereafter apply lime @ 20kg/bigha. Strengthen pond embankment.				



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Date: 05.04.19		District: Kohima		Bulletin No: 28/2019	
Weather of preceding week			Weather forecast valid upto 10.04.2019		
<ul style="list-style-type: none"> <li>▪ Light rain occurred the past week</li> <li>▪ Max and min temperatures ranged 21<sup>o</sup>C to 22<sup>o</sup>C and 11<sup>o</sup>C to 12<sup>o</sup>C, respectively.</li> <li>▪ Relative humidity varied from 40% to 90%.</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 26<sup>o</sup>C - 27<sup>o</sup>C and <b>min temp</b> 11<sup>o</sup>C to 13<sup>o</sup>C</li> <li>▪ <b>Sky is likely to be partly cloudy</b> the coming week</li> <li>▪ <b>Relative Humidity</b> is likely to range from 40% to 89%.</li> <li>▪ <b>Wind speed</b> may reach upto 2-7 kmph</li> <li>▪ <b>Wind may blow from south easterly direction</b></li> <li>▪ <b>Weekly cumulative Rainfall:</b> 35 mm</li> </ul>		
<b>WEATHER FORECAST BASED AGROMET ADVISORIES</b>					
<b>General Advisories:</b>					
<ul style="list-style-type: none"> <li>• As there is probability of rain the coming week postpone irrigation, application of fertilizer etc</li> <li>• In view of increasing wind velocity and rain in this week too, farmers are advised to keep harvested crops and grains in the protected place.</li> <li>• Start preparation of pits of size 3ft*3ft*3ft (1m*1m*1m) for planting of fruit trees. Pits may be filled with well dried FYM/organic manure, neem powder and lime for further planting</li> </ul>					
Main crop	Growth Stage	Pest/Disease	Weather based Agro-Advisories		
TRC/WRC paddy	Storage		Place sticky traps in the drying and storage areas for rats		
Potato	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		
Maize	Sowing		Seed should be treated with Bavistin@3gm/Kg of seeds before sowing. Ensure optimum soil moisture for proper germination		
Cucurbitaceous vegetable	Vegetative stage	Fruit fly	Apply neem cake @ 250kg/ha immediately after germination		
Khasi mandarin			Prepare basin around the plants followed by mulching with local grasses.		
Summer crops			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.		
Poultry	Provide plenty of clean and cool water during summer months. Provide Electral Energy (1-2 gm/liter) in water during hot hours. Clean and disinfect feeders and waterers regularly.				
Piggery	Vaccinate against classical swine fever and FMD if not done already.				
Fishery	Remove all small fishes and thereafter apply lime @ 20kg/bigha. Strengthen pond embankment.				



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<b>Date: 05.04.19</b>	<b>District: Longleng</b>	<b>Bulletin No: 28/2019</b>
<b>Weather of preceding week</b>		<b>Weather forecast valid upto 10.04.2019</b>
<ul style="list-style-type: none"> <li>▪ Light rain occurred the past week</li> <li>▪ Max and min temperatures ranged 22<sup>o</sup>C to 25<sup>o</sup>C and 14<sup>o</sup>C to 15<sup>o</sup>C, respectively.</li> <li>▪ Relative humidity varied from 35% to 80%.</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 27<sup>o</sup>C-30<sup>o</sup>C and <b>min temp</b> 18<sup>o</sup>C to 20<sup>o</sup>C</li> <li>▪ <b>Sky is likely to be partly cloudy</b> the coming week</li> <li>▪ <b>Relative Humidity</b> is likely to range from 31% to 87%.</li> <li>▪ <b>Wind speed</b> may reach upto 3-4 kmph</li> <li>▪ <b>Wind may blow from south easterly direction</b></li> <li>▪ <b>Weekly cumulative Rainfall:</b> 15mm</li> </ul>

<b>WEATHER FORECAST BASED AGROMET ADVISORIES</b>
<ul style="list-style-type: none"> <li>• As there is probability of rain the coming week postpone irrigation, application of fertilizer etc</li> <li>• In view of increasing wind velocity and rain in this week too, farmers are advised to keep harvested crops and grains in the protected place.</li> <li>• Start preparation of pits of size 3ft*3ft*3ft (1m*1m*1m) for planting of fruit trees. Pits may be filled with well dried FYM/organic manure, neem powder and lime for further planting.</li> </ul>

<b>Main crop</b>	<b>Growth Stage</b>	<b>Pest/Disease</b>	<b>Weather based Agro-Advisories</b>
<b>Jhum paddy</b>	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>	Tuber formation 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>
<b>Maize</b>	Germination stage		<i>After 10 days of germination, thinning should be done keeping one plant per hill</i>
<b>Brinjal</b>	Transplanting		<i>In present weather conditions, transplanting of young seedlings of brinjal may be done. Irrigation should be done after transplanting. Disease free seedlings having 3-4 leaves should be transplanted. Spacing recommended are 60×45cm.</i>
<b>Citrus</b>	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>For day old chicks provide cool water and electrolytes on their arrival to farm before offering feed to avoid dehydration after transportation</i>		
<b>Piggery</b>	<i>Vaccinate all newly born piglets against <b>swine fever</b> 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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Date: 05.04.19		District: Mokokchung		Bulletin No: 28/2019	
Weather of preceding week			Weather forecast valid upto 10.04.2019		
<ul style="list-style-type: none"> <li>▪ Light rain occurred the past week</li> <li>▪ Max and min temperatures ranged 24<sup>o</sup>C to 26<sup>o</sup>C and 13<sup>o</sup>C to 15<sup>o</sup>C, respectively.</li> <li>▪ Relative humidity varied from 37% to 80%.</li> <li>▪ Wind speed ranged from 4 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 27<sup>o</sup>C-29<sup>o</sup>C and <b>min temp</b> 14<sup>o</sup>C to 20<sup>o</sup>C</li> <li>▪ <b>Sky is likely to be partly cloudy</b> the coming week</li> <li>▪ <b>Relative Humidity</b> is likely to range from 37% to 86%.</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> 37 mm</li> </ul>		
<b>WEATHER FORECAST BASED AGROMET ADVISORIES</b>					
<b>General Recommendations:</b>					
<ul style="list-style-type: none"> <li>• As there is probability of rain the coming week postpone irrigation, application of fertilizer etc</li> <li>• In view of increasing wind velocity and rain in this week too, farmers are advised to keep harvested crops and grains in the protected place.</li> <li>• Start preparation of pits of size 3ft*3ft*3ft (1m*1m*1m) for planting of fruit trees. Pits may be filled with well dried FYM/organic manure, neem powder and lime for further planting.</li> </ul>					
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>	Tuber formation 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>		
<b>Maize</b>	Germination stage		After 10 days of germination, thinning should be done keeping one plant per hill		
<b>Brinjal</b>	Transplanting		<i>In present weather conditions, transplanting of young seedlings of brinjal may be done. Irrigation should be done after transplanting. Disease free seedlings having 3-4 leaves should be transplanted. Spacing recommended are 60×45cm.</i>		
<b>Citrus</b>	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>	Provide plenty of clean and cool water during summer months. Provide Electrical Energy (1-2 gm/liter) in water during hot hours. Clean and disinfect feeders and waterers regularly.				
<b>Piggery</b>	Vaccinate against classical swine fever and FMD if not done already.				
<b>Fishery</b>	Remove all small fishes and thereafter apply lime @ 20kg/bigha. Strengthen pond embankment.				



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<b>Date: 05.04.19</b>	<b>District: Mon</b>	<b>Bulletin No: 28/2019</b>
<b>Weather of preceding week</b>		<b>Weather forecast valid upto 10.04.2019</b>
<ul style="list-style-type: none"> <li>▪ Light rain occurred the past week</li> <li>▪ Max and min temperatures ranged 22<sup>0</sup>C to 24<sup>0</sup>C and 14<sup>0</sup>C to 15<sup>0</sup>C, respectively.</li> <li>▪ Relative humidity varied from 25% to 85%.</li> <li>▪ Wind speed ranged from 4 to 7 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 - 24<sup>0</sup>C and <b>min temp</b> 12<sup>0</sup>C to 13<sup>0</sup>C</li> <li>▪ <b>Sky is likely to be mainly cloudy</b> the coming week</li> <li>▪ <b>Relative Humidity</b> is likely to range from 35% to 87%.</li> <li>▪ <b>Wind speed</b> may reach upto 3-7 kmph</li> <li>▪ <b>Wind may blow from south easterly direction</b></li> <li>▪ <b>Weekly cumulative Rainfall</b> 45mm</li> </ul>

**General Recommendations:**

- As there is probability of rain the coming week too postpone irrigation, application of fertilizer etc
- In view of increasing wind velocity and rain in this week too, farmers are advised to keep harvested crops and grains in the protected place.
- Start preparation of pits of size 3ft\*3ft\*3ft (1m\*1m\*1m) for planting of fruit trees. Pits may be filled with well dried FYM/organic manure, neem powder and lime for further planting.

**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>	Tuber formation stage	Early blight, leaf spot	Regular monitoring of disease should be done. Fields should be kept neat and clean, free from weeds
<i>Maize</i>	Germination stage	Borer	After 10 days of germination, thinning should be done keeping one plant per hill
<i>Cucurbitaceous vegetable</i>	Vegetative stage		Start giving support to the plant
<i>Citrus</i>		Leaf miner	Citrus leaf miner 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>	Provide plenty of clean and cool water during summer months. Provide Electral Energy (1-2 gm/liter) in water during hot hours. Clean and disinfect feeders and waterers regularly.		
<i>Piggery</i>	Vaccinate against classical swine fever and FMD if not done already.		
<i>Fishery</i>	Remove all small fishes and thereafter apply lime @ 20kg/bigha. Strengthen pond embankment.		



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Date: 05.04.19		District: Peren		Bulletin No: 28/2019	
<b>Weather of preceding week</b>			<b>Weather forecast valid upto 10.04.2019</b>		
<ul style="list-style-type: none"> <li>▪ Light rain occurred the past week</li> <li>▪ Max and min temperatures ranged 23<sup>o</sup>C to 25<sup>o</sup>C and 14<sup>o</sup>C to 15<sup>o</sup>C, respectively.</li> <li>▪ Relative humidity varied from 35% to 90%.</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 29<sup>o</sup>C - 32<sup>o</sup>C and <b>min temp</b> 17<sup>o</sup>C to 18<sup>o</sup>C</li> <li>▪ <b>Sky is likely to be partly cloudy</b> the coming week</li> <li>▪ <b>Relative Humidity</b> is likely to range from 39% to 92%.</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> 50 mm		
<b>General Advisories</b>					
<ul style="list-style-type: none"> <li>• As there is probability of rain the coming week postpone irrigation, application of fertilizer etc</li> <li>• In view of increasing wind velocity and rain in this week too, farmers are advised to keep harvested crops and grains in the protected place.</li> <li>• Start preparation of pits of size 3ft*3ft*3ft (1m*1m*1m) for planting of fruit trees. Pits may be filled with well dried FYM/organic manure, neem powder and lime for further planting</li> </ul>					
<b>Main crop</b>	<b>Growth Stage</b>	<b>Pest/Disease</b>	<b>Weather based Agro-Advisories</b>		
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	Germinating stage	Hoppers and white flies	While germinating, install yellow sticky trap for monitoring white flies and hoppers. Timely earthing up should be done		
Cucurbitaceous vegetable	Vegetative stage		In cucurbitaceous crop which are 20-25 days old, application of 10-15 gram urea/hill is advised.		
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: 05.04.19</b>	<b>District: Phek</b>	<b>Bulletin No: 28/2019</b>
<b>Weather of preceding week</b>		<b>Weather forecast valid upto 10.04.2019</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 25<sup>0</sup>C and 10<sup>0</sup>C to 13<sup>0</sup>C, respectively.</li> <li>▪ Relative humidity varied from 40% to 80%.</li> <li>▪ Wind speed ranged from 3 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 26<sup>0</sup>C - 28<sup>0</sup>C and <b>min temp</b> 13<sup>0</sup>C to 14<sup>0</sup>C</li> <li>▪ <b>Sky is likely to be partly cloudy</b> the coming week</li> <li>▪ <b>Relative Humidity</b> is likely to range from 39% to 80%.</li> <li>▪ <b>Wind speed</b> may reach upto 2-4 kmph</li> <li>▪ <b>Wind may blow most southerly direction</b></li> <li>▪ <b>Weekly cumulative Rainfall:</b> 45 mm</li> </ul>

**WEATHER FORECAST BASED AGROMET ADVISORIES**

**General Advisories:**

- As there is probability of rain the coming week postpone irrigation, application of fertilizer etc
- In view of increasing wind velocity and rain in this week too, farmers are advised to keep harvested crops and grains in the protected place.
- Start preparation of pits of size 3ft\*3ft\*3ft (1m\*1m\*1m) for planting of fruit trees. Pits may be filled with well dried FYM/organic manure, neem powder and lime for further planting.

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>	Provide plenty of clean and cool water during summer months. Provide Electral Energy (1-2 gm/liter) in water during hot hours. Clean and disinfect feeders and waterers regularly.		
<i>Piggery</i>	Vaccinate against classical swine fever and FMD if not done already.		
<i>Fishery</i>	Remove all small fishes and thereafter apply lime @ 20kg/bigha. Strengthen pond embankment.		



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Date: 05.04.19		District: Tuensang		Bulletin No: 28/2019	
Weather of preceding week			Weather forecast valid upto 10.04.2019		
<ul style="list-style-type: none"> <li>▪ Light rain occurred the past week</li> <li>▪ Max and min temperatures ranged 20<sup>o</sup>C to 22<sup>o</sup>C and 10<sup>o</sup>C to 12<sup>o</sup>C, respectively.</li> <li>▪ Relative humidity varied from 28% to 78%.</li> <li>▪ Wind speed ranged from 3 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 25<sup>o</sup>C-27<sup>o</sup>C and <b>min temp</b> 10<sup>o</sup>C to 11<sup>o</sup>C</li> <li>▪ <b>Sky is likely to be partly cloudy</b> the coming week</li> <li>▪ <b>Relative Humidity</b> is likely to range from 38% to 84%.</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 style="background-color: #ffffcc; margin: 0;">Weekly cumulative Rainfall: 27 mm</p>		
<b>WEATHER FORECAST BASED AGROMET ADVISORIES</b>					
<ul style="list-style-type: none"> <li>• As there is probability of rain the coming week postpone irrigation, application of fertilizer etc</li> <li>• In view of increasing wind velocity and rain in this week too, farmers are advised to keep harvested crops and grains in the protected place.</li> <li>• Start preparation of pits of size 3ft*3ft*3ft (1m*1m*1m) for planting of fruit trees. Pits may be filled with well dried FYM/organic manure, neem powder and lime for further planting.</li> </ul>					
Main crop	Growth Stage	Pest/Disease	Weather based Agro-Advisories		
Jhum paddy	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>		
TRC/WRC paddy	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>		
Potato	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>		
Rajmash	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>		
Cucurbitaceous vegetable	Vegetative stage		<i>Start providing support to the plant</i>		
Poultry	Provide plenty of clean and cool water during summer months. Provide Electrical Energy (1-2 gm/liter) in water during hot hours. Clean and disinfect feeders and waterers regularly.				
Piggery	Vaccinate against classical swine fever and FMD if not done already.				
Fishery	Remove all small fishes and thereafter apply lime @ 20kg/bigha. Strengthen pond embankment.				



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Date: 05.04.19		District: Wokha		Bulletin No: 28/2019	
<b>Weather of preceding week</b>			<b>Weather forecast valid upto 10.04.2019</b>		
<ul style="list-style-type: none"> <li>▪ Light rain occurred the past week</li> <li>▪ Max and min temperatures ranged 21<sup>o</sup>C to 25<sup>o</sup>C and 10<sup>o</sup>C to 13<sup>o</sup>C respectively.</li> <li>▪ Relative humidity varied from 33% to 90%.</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 22<sup>o</sup>C-25<sup>o</sup>C and <b>min temp</b> 11<sup>o</sup>C to 13<sup>o</sup>C</li> <li>▪ <b>Sky is likely to be partly cloudy</b> the coming week</li> <li>▪ <b>Relative Humidity</b> is likely to range from 36% to 85%.</li> <li>▪ <b>Wind speed</b> may reach upto 3-4 kmph</li> <li>▪ <b>Wind may blow from easterly direction</b></li> <li>▪ <b>Weekly cumulative Rainfall:</b> 35mm</li> </ul>		
<b>WEATHER FORECAST BASED AGROMET ADVISORIES</b>					
<b>General Recommendations:</b>					
<ul style="list-style-type: none"> <li>• As there is probability of rain the coming week postpone irrigation, application of fertilizer etc</li> <li>• In view of increasing wind velocity and rain in this week too, farmers are advised to keep harvested crops and grains in the protected place.</li> <li>• Start preparation of pits of size 3ft*3ft*3ft (1m*1m*1m) for planting of fruit trees. Pits may be filled with well dried FYM/organic manure, neem powder and lime for further planting.</li> </ul>					
Main crop	Growth Stage	Pest/Disease	Weather based Agro-Advisories		
Jhum paddy	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>		
Potato	Tuber formation 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>		
Maize	Germination stage		<i>After 10 days of germination, thinning should be done keeping one plant per hill</i>		
Brinjal	Transplanting		<i>In present weather conditions, transplanting of young seedlings of brinjal may be done. Irrigation should be done after transplanting. Disease free seedlings having 3-4 leaves should be transplanted. Spacing recommended are 60×45cm.</i>		
Citrus	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>		
Poultry	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.				
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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Date: 05.04.19		District: Zunheboto		Bulletin No: 28/2019	
<b>Weather of preceding week</b>			<b>Weather forecast valid upto 10.04.2019</b>		
<ul style="list-style-type: none"> <li>▪ Light rain occurred the past week</li> <li>▪ Max and min temperatures ranged 23<sup>o</sup>C to 25<sup>o</sup>C and 12<sup>o</sup>C to 14<sup>o</sup>C, respectively.</li> <li>▪ Relative humidity varied from 34% to 89%.</li> <li>▪ Wind speed ranged from 3 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 26<sup>o</sup>C- 27<sup>o</sup>C and <b>min temp</b> 11<sup>o</sup>C to 14<sup>o</sup>C</li> <li>▪ <b>Sky is likely to be cloudy</b> the coming week</li> <li>▪ <b>Relative Humidity</b> is likely to range from 44% 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>		
			Weekly cumulative Rainfall: 39 mm		
<b>WEATHER FORECAST BASED AGROMET ADVISORIES</b>					
<b>General Recommendations:</b>					
<ul style="list-style-type: none"> <li>• As there is probability of rain the coming week postpone irrigation, application of fertilizer etc</li> <li>• In view of increasing wind velocity and rain in this week too, farmers are advised to keep harvested crops and grains in the protected place.</li> <li>• Start preparation of pits of size 3ft*3ft*3ft (1m*1m*1m) for planting of fruit trees. Pits may be filled with well dried FYM/organic manure, neem powder and lime for further planting.</li> </ul>					
<b>Main crop</b>	<b>Growth Stage</b>	<b>Pest/Disease</b>	<b>Weather based Agro-Advisories</b>		
<b>Jhum paddy</b>	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>	Tuber formation 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>		
<b>Maize</b>	Germination stage		<i>After 10 days of germination, thinning should be done keeping one plant per hill</i>		
<b>Brinjal</b>	Transplanting		<i>In present weather conditions, transplanting of young seedlings of brinjal may be done. Irrigation should be done after transplanting. Disease free seedlings having 3-4 leaves should be transplanted. Spacing recommended are 60×45cm.</i>		
<b>Citrus</b>	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>	<i>Vaccinate all newly born piglets against <b>swine fever</b> 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>				

