



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



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Date: 16.04.19		District: Tuensang		Bulletin No: 31/2019	
Weather of preceding week			Weather forecast valid upto 21.04.2019		
<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 24<sup>o</sup>C and 12<sup>o</sup>C to 13<sup>o</sup>C, respectively.</li> <li>▪ Relative humidity varied from 30% to 87%.</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 29<sup>o</sup>C-30<sup>o</sup>C and <b>min temp</b> 16<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 27% to 75%.</li> <li>▪ <b>Wind speed</b> may reach upto 1-2 kmph</li> <li>▪ <b>Wind may blow from mostly southeasterly direction</b></li> </ul> <p style="margin-left: 20px;">Weekly cumulative Rainfall: 5 mm</p>		
<b>WEATHER FORECAST BASED AGROMET ADVISORIES</b>					
<ul style="list-style-type: none"> <li>• As there is probability of thunderstorm with gusty wind and lightning, postpone harvesting and application of insecticide</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	Double the watering space in poultry houses during summer. Daily provide plenty of fresh, clean and cool drinking water during hot weather				
Piggery	Vaccinate against classical swine fever and FMD if not done already. Deworming should be done after weaning and repeat every 3 months				
Fishery	Remove all small fishes and thereafter apply lime @ 20kg/bigha. Strengthen pond embankment.				



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Date: 16.04.19		District: Wokha		Bulletin No: 31/2019	
<b>Weather of preceding week</b>			<b>Weather forecast valid upto 21.04.2019</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 11<sup>o</sup>C to 13<sup>o</sup>C respectively.</li> <li>▪ Relative humidity varied from 36% 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 30<sup>o</sup>C-32<sup>o</sup>C and <b>min temp</b> 11<sup>o</sup>C to 12<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 23% to 82%.</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> 9mm</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 thunderstorm with gusty wind and lightning, postpone harvesting and application of insecticide</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		
<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>	Double the watering space in poultry houses during summer. Daily provide plenty of fresh, clean and cool drinking water during hot weather				
<b>Piggery</b>	As temperature and humidity rises, pay extra attention to the movement of animals. Provide adequate water. Prevent overcrowding				
<b>Fishery</b>	Strengthen embankment to avoid erosion due to heavy rainfall				



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Date: 16.04.19		District: Zunheboto		Bulletin No: 31/2019	
<b>Weather of preceding week</b>			<b>Weather forecast valid upto 21.04.2019</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 28<sup>0</sup>C and 15<sup>0</sup>C to 17<sup>0</sup>C, respectively.</li> <li>▪ Relative humidity varied from 40% 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 25<sup>0</sup>C- 26<sup>0</sup>C and <b>min temp</b> 11<sup>0</sup>C to 12<sup>0</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 27% to 75%.</li> <li>▪ <b>Wind speed</b> may reach upto 4-5 kmph</li> <li>▪ <b>Wind may blow from south easterly direction</b></li> <li>▪ <b>Weekly cumulative Rainfall:</b> 12 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 thunderstorm with gusty wind and lightning, postpone harvesting and application of insecticide</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		
<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>	Double the watering space in poultry houses during summer. Daily provide plenty of fresh, clean and cool drinking water during hot weather				
<b>Piggery</b>	As temperature and humidity rises, pay extra attention to the movement of animals. Provide adequate water Prevent overcrowding				
<b>Fishery</b>	Strengthen embankment to avoid erosion due to heavy rainfall				



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<b>Date: 16.04.19</b>	<b>District: Dimapur</b>	<b>Bulletin No: 31/2019</b>
<b>Weather of preceding week</b>		<b>Weather forecast valid upto 21.04.2019</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 33<sup>o</sup>C and 17<sup>o</sup>C to 18<sup>o</sup>C, respectively.</li> <li>▪ Relative humidity varied from 36% to 85%.</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 31<sup>o</sup>C - 33<sup>o</sup>C and <b>min temp</b> 17<sup>o</sup>C to 19<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 25% to 75%.</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> : 2mm</p>

**WEATHER FORECAST BASED AGROMET ADVISORIES**

- General Advisories:**
- As there is probability of thunderstorm with gusty wind and lightning, postpone harvesting and application of insecticide
  - 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

<b>Main crop</b>	<b>Growth Stage</b>	<b>Pest/Disease</b>	<b>Weather based Agro-Advisories</b>
<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>	Double the watering space in poultry houses during summer. Daily provide plenty of fresh, clean and cool drinking water during hot weather		
<b>Piggery</b>	As temperature and humidity rises, pay extra attention to the movement of animals. Provide adequate water Prevent overcrowding		
<b>Fishery</b>	Strengthen embankment to avoid erosion due to heavy rainfall		



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Date: 16.04.19		District: Kiphire		Bulletin No: 31/2019	
<b>Weather of preceding week</b>			<b>Weather forecast valid upto 21.04.2019</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 27<sup>0</sup>C and 15<sup>0</sup>C to 17<sup>0</sup>C, respectively.</li> <li>▪ Relative humidity varied from 27% to 85%.</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 28<sup>0</sup>C -30<sup>0</sup>C and <b>min temp</b> 17<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 26% to 73%.</li> <li>▪ <b>Wind speed</b> may reach upto 2-3 kmph</li> <li>▪ <b>Wind may blow from southerly direction</b></li> </ul>		
			<b>Weekly cumulative Rainfall:</b> 5 mm		
<b>WEATHER FORECAST BASED AGROMET ADVISORIES</b>					
<b>General Recommendations:</b>					
<ul style="list-style-type: none"> <li>• As there is probability of thunderstorm with gusty wind and lightning, postpone harvesting and application of insecticide</li> <li>• Earthing up should be done to prevent soil erosion in this present weather situation.</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	<i>To prevent the development of both leaf folder and blast, remove grass weeds from in and around the paddy fields</i>		
<i>Maize</i>	Germination	Dead heart	<i>After 10 days of germination, thinning should be done keeping one plant per hill 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. 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	Bacterial wilt	<i>Eliminate weed hosts and volunteer plants, rouge-out affected plants</i>		
<i>Brinjal</i>	Nursery	Damping off	<i>To manage damping off, drench the beds with bavistin@15-20 gm/litres of water 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 Start preparation of the main field, use well rotten FYM or vermin compost</i>		
Poultry	<i>Double the watering space in poultry houses during summer. Daily provide plenty of fresh, clean and cool drinking water during hot weather</i>				
Piggery	<i>As temperature and humidity rises, pay extra attention to the movement of animals. Provide adequate water, Prevent overcrowding</i>				
Fishery	<i>Strengthen embankment to avoid erosion due to heavy rainfall</i>				



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Date: 12.04.19		District: Kohima		Bulletin No: 30/2019	
<b>Weather of preceding week</b>			<b>Weather forecast valid upto 17.04.2019</b>		
<ul style="list-style-type: none"> <li>▪ Light rain occurred the past week</li> <li>▪ Max and min temperatures ranged 26<sup>0</sup>C to 27<sup>0</sup>C and 11<sup>0</sup>C to 13<sup>0</sup>C, respectively.</li> <li>▪ Relative humidity varied from 40% to 89%.</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 31<sup>0</sup>C - 33<sup>0</sup>C and <b>min temp</b> 18<sup>0</sup>C to 20<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 3-5 kmph</li> <li>▪ <b>Wind may blow from easterly direction</b></li> <li>▪ <b>Weekly cumulative Rainfall:</b> 3 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	Double the watering space in poultry houses during summer. Daily provide plenty of fresh, clean and cool drinking water during hot weather				
Piggery	As temperature and humidity rises, pay extra attention to the movement of animals. Provide adequate water Prevent overcrowding				
Fishery	Strengthen embankment to avoid erosion due to heavy rainfall				



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Date: 16.04.19		District: Longleng		Bulletin No: 31/2019	
<b>Weather of preceding week</b>			<b>Weather forecast valid upto 21.04.2019</b>		
<ul style="list-style-type: none"> <li>▪ Light rain occurred the past week</li> <li>▪ Max and min temperatures ranged 25<sup>o</sup>C to 27<sup>o</sup>C and 18<sup>o</sup>C to 20<sup>o</sup>C, respectively.</li> <li>▪ Relative humidity varied from 35% 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 30<sup>o</sup>C-31<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 mainly clear</b> the coming week</li> <li>▪ <b>Relative Humidity</b> is likely to range from 30% to 71%.</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>		
			<b>Weekly cumulative Rainfall:</b> 6mm		
<b>WEATHER FORECAST BASED AGROMET ADVISORIES</b>					
<ul style="list-style-type: none"> <li>• As there is probability of thunderstorm with gusty wind and lightning, postpone harvesting and application of insecticide</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		
<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>	Double the watering space in poultry houses during summer. Daily provide plenty of fresh, clean and cool drinking water during hot weather				
<b>Piggery</b>	<i>As temperature and humidity rises, pay extra attention to the movement of animals. Provide adequate water Prevent overcrowding</i>				
<b>Fishery</b>	<i>Strengthen embankment to avoid erosion due to heavy rainfall</i>				



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<b>Date: 16.04.19</b>	<b>District: Mokokchung</b>	<b>Bulletin No: 31/2019</b>
<b>Weather of preceding week</b>		<b>Weather forecast valid upto 21.04.2019</b>
<ul style="list-style-type: none"> <li>▪ Light rain occurred the past week</li> <li>▪ Max and min temperatures ranged 25<sup>o</sup>C to 27<sup>o</sup>C and 15<sup>o</sup>C to 17<sup>o</sup>C, respectively.</li> <li>▪ Relative humidity varied from 38% to 89%.</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 30<sup>o</sup>C-31<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 28% to 72%.</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> 2 mm</li> </ul>

**WEATHER FORECAST BASED AGROMET ADVISORIES**

**General Recommendations:**

- As there is probability of thunderstorm with gusty wind and lightning, postpone harvesting and application of insecticide
- 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>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>
<i>Maize</i>	Germination stage		<i>After 10 days of germination, thinning should be done keeping one plant per hill</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. Disease free seedlings having 3-4 leaves should be transplanted. Spacing recommended are 60×45cm.</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>	Double the watering space in poultry houses during summer. Daily provide plenty of fresh, clean and cool drinking water during hot weather		
<b>Piggery</b>	As temperature and humidity rises, pay extra attention to the movement of animals. Provide adequate water Prevent overcrowding		
<b>Fishery</b>	Strengthen embankment to avoid erosion due to heavy rainfall		



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<b>Date: 16.04.19</b>	<b>District: Mon</b>	<b>Bulletin No: 31/2019</b>
<b>Weather of preceding week</b>		<b>Weather forecast valid upto 21.04.2019</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 26<sup>0</sup>C and 12<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 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 30<sup>0</sup>C - 31<sup>0</sup>C and <b>min temp</b> 16<sup>0</sup>C to 17<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 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> <p><b>Weekly cumulative Rainfall:</b> 11mm</p>

**General Recommendations:**

- As there is probability of thunderstorm with gusty wind and lightning, postpone harvesting and application of insecticide.
- 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>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>	Maturity stage		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>Banana</i>	Practice clean cultivation Regular checking of fruit under the bunch cover is essential to ensure any damage		
<i>Poultry</i>	Double the watering space in poultry houses during summer. Daily provide plenty of fresh, clean and cool drinking water during hot weather		
<i>Piggery</i>	Vaccinate against classical swine fever and FMD if not done already. Deworming should be done after weaning and repeat every 3 months		
<i>Fishery</i>	Remove all small fishes and thereafter apply lime @ 20kg/bigha. Strengthen pond embankment.		



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Date: 16.04.19		District: Peren		Bulletin No: 31/2019	
<b>Weather of preceding week</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 31<sup>o</sup>C and 17<sup>o</sup>C to 18<sup>o</sup>C, respectively.</li> <li>▪ Relative humidity varied from 39% to 90%.</li> <li>▪ Wind speed ranged from 4 to 5 kmph</li> </ul>			<b>Weather forecast valid upto 21.04.2019</b> <ul style="list-style-type: none"> <li>▪ Probability of light rain</li> <li>▪ <b>Max temp</b> is likely to be 32<sup>o</sup>C - 33<sup>o</sup>C and <b>min temp</b> 19<sup>o</sup>C to 20<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 25% to 81%.</li> <li>▪ <b>Wind speed</b> may reach upto 2-3 kmph</li> <li>▪ <b>Wind may blow from mostly easterly direction</b></li> <li>▪ <b>Weekly cumulative Rainfall:</b> 3 mm</li> </ul>		
<p style="text-align: center;"> </p>					
<b>General Advisories</b> <ul style="list-style-type: none"> <li>• As there is probability of thunderstorm with gusty wind and lightning, postpone harvesting and application of insecticide</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		
<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>	Double the watering space in poultry houses during summer. Daily provide plenty of fresh, clean and cool drinking water during hot weather				
<b>Piggery</b>	As temperature and humidity rises, pay extra attention to the movement of animals. Provide adequate water Prevent overcrowding				
<b>Fishery</b>	Strengthen embankment to avoid erosion due to heavy rainfall				



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Date: 16.04.19		District: Phek		Bulletin No: 31/2019	
<b>Weather of preceding week</b>			<b>Weather forecast valid upto 21.04.2019</b>		
<ul style="list-style-type: none"> <li>▪ Light rain occurred the past week</li> <li>▪ Max and min temperatures ranged 23<sup>0</sup>C to 24<sup>0</sup>C and 13<sup>0</sup>C to 14<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 30<sup>0</sup>C - 31<sup>0</sup>C and <b>min temp</b> 17<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 24% to 71%.</li> <li>▪ <b>Wind speed</b> may reach upto 2-4 kmph</li> <li>▪ <b>Wind may blow most southeasterly direction</b></li> </ul>		
			<b>Weekly cumulative Rainfall:</b> 2 mm		
<b>WEATHER FORECAST BASED AGROMET ADVISORIES</b>					
<b>General Advisories:</b>					
<ul style="list-style-type: none"> <li>• As there is probability of thunderstorm with gusty wind and lightning, postpone harvesting and application of insecticide</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	Double the watering space in poultry houses during summer. Daily provide plenty of fresh, clean and cool drinking water during hot weather				
Piggery	Vaccinate against classical swine fever and FMD if not done already. Deworming should be done after weaning and repeat every 3 months				
Fishery	Remove all small fishes and thereafter apply lime @ 20kg/bigha. Strengthen pond embankment.				