



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

Telephone No: 03862-247241 (O) / Email: amfu.jharnapani@gov.in



Date: 10.05.19		District: Wokha		Bulletin No: 38/2019	
Weather of preceding week			Weather forecast valid upto 15.05.2019		
<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 20<sup>0</sup>C to 22<sup>0</sup>C respectively.</li><li>▪ Relative humidity varied from 36% to 95%.</li><li>▪ Wind speed ranged from 3 to 4kmph</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> 21<sup>0</sup>C to 22<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 40% to 86%.</li><li>▪ <b>Wind speed</b> may reach upto3-4kmph</li><li>▪ <b>Wind may blow from south easterly direction</b></li></ul> <b>Weekly cumulative Rainfall:</b> 11mm		
WEATHER FORECAST BASED AGROMET ADVISORIES					
Main crop	Growth Stage	Pest/Disease	Weather based Agro-Advisories		
Jhum paddy	Germinating	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		
Maize	Vegetative	Dead hearts	The prevalent weather is favourable for the development of stem borer. Daily monitoring should be done. Removed the infested plant parts		
Brinjal	Transplanted		Shallow inter-cultivation should be given to remove weeds from the early growth itself. About 3-4 hoeing and weeding are normally needed for an effective control of weeds, proper aeration and good growth		
Citrus		-	Conserve in situ soil moisture by light hoeing, weeding and subsequent mulching with dry weed/grasses in citrus tree basins. Rain water harvesting ponds should be dug at low land to collect the rain water.		
Poultry	Double the watering space in poultry houses during summer. Daily provide plenty of fresh, clean and cool drinking water during hot weather				
Piggery	Animals should be vaccinated against all infectious diseases before the monsoon starts. Avoid vaccinating animals during extreme heat conditions. Plan to vaccinate in the early morning hours when temperatures are low to moderate. Always read label instructions as this will give you plenty of information on the type of animal to vaccinate, the dose, and route of administration.				
Fishery	Do not depend solely on rainwater to fill your pond as when it does not rain, there may not be enough water to keep your pond full and the fish may die.Harvest the fish in pond having less water depth.				



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

Telephone No: 03862-247241 (O) / Email: amfu.jharnapani@gov.in



Date: 10.05.19		District: Zunheboto		Bulletin No: 38/2019	
Weather of preceding week			Weather forecast valid upto 15.05.2019		
<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 31<sup>0</sup>C and 21<sup>0</sup>C to 22<sup>0</sup>C, respectively.</li><li>▪ Relative humidity varied from 33% to 93%.</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>0</sup>C- 35<sup>0</sup>C and <b>min temp</b> 20<sup>0</sup>C to 21<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 35% to 93%.</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> <b>Weekly cumulative Rainfall:</b> 9 mm		
WEATHER FORECAST BASED AGROMET ADVISORIES					
Main crop	Growth Stage	Pest/Disease	Weather based Agro-Advisories		
Jhum paddy	Germinating	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		
Maize	Vegetative	Dead hearts	The prevalent weather is favourable for the development of stem borer. Daily monitoring should be done. Removed the infested plant parts		
Brinjal	Transplanted		Shallow inter-cultivation should be given to remove weeds from the early growth itself. About 3-4 hoeing and weeding are normally needed for an effective control of weeds, proper aeration and good growth		
Citrus		-	Conserve in situ soil moisture by light hoeing, weeding and subsequent mulching with dry weed/grasses in citrus tree basins. Rain water harvesting ponds should be dug at low land to collect the rain water.		
Poultry	Double the watering space in poultry houses during summer. Daily provide plenty of fresh, clean and cool drinking water during hot weather				
Piggery	Animals should be vaccinated against all infectious diseases before the monsoon starts. Avoid vaccinating animals during extreme heat conditions. Plan to vaccinate in the early morning hours when temperatures are low to moderate. Always read label instructions as this will give you plenty of information on the type of animal to vaccinate, the dose, and route of administration.				
Fishery	Do not depend solely on rainwater to fill your pond as when it does not rain, there may not be enough water to keep your pond full and the fish may die. Harvest the fish in pond having less water depth.				



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

Telephone No: 03862-247241 (O) / Email: amfu.jharnapani@gov.in



Date: 10.05.19	District: Dimapur	Bulletin No: 38/2019
<b>Weather of preceding week</b>		<b>Weather forecast valid upto 15.05.2019</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 19<sup>0</sup>C to 20<sup>0</sup>C, respectively.</li> <li>Relative humidity varied from 40% to 88%.</li> <li>Wind speed ranged from 4 to 6 kmph</li> </ul>		<ul style="list-style-type: none"> <li>Probability of no rain</li> <li><b>Max temp</b> is likely to be 30<sup>0</sup>C - 37<sup>0</sup>C and <b>min temp</b> 19<sup>0</sup>C to 22<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 27% to 78%.</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> 0mm</li> </ul>

**WEATHER FORECAST BASED AGROMET ADVISORIES**

Main crop	Growth Stage	Pest/Disease	Weather based Agro-Advisories
<b>TRC/WRC paddy</b>	Seeds		Short to medium duration HYV rice varieties like <i>CAU R1</i> , <i>CAU R3</i> , <i>RCM-9</i> and <i>RCM-11</i> should be taken up for timely harvesting of paddy. <i>Gitesh</i> , short duration variety can also be incorporated as it can be transplanted with 40 – 60 days old seedlings.
<b>Green gram</b>	Vegetative stage		Timely weeding and earthing up should be carried out
<b>Naga king chilli</b>	Transplanting stage		For soil application <i>Azospirillum</i> 2kg/ha should be mixed with 20kg of farmyard manure. Disease free seedlings having 3-4 leaves are to be transplanted. Spacing recommended is 75×90cm.
<b>Assam Lemon</b>			Conserve <i>in situ</i> soil moisture by light hoeing, weeding and subsequent mulching with dry weed/grasses in citrus tree basins. Rain water harvesting ponds should be dug at low land to collect the rain water
<b>Okra</b>	Vegetative 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>	Animals should be vaccinated against all infectious diseases before the monsoon starts. Avoid vaccinating animals during extreme heat conditions. Plan to vaccinate in the early morning hours when temperatures are low to moderate. Always read label instructions as this will give you plenty of information on the type of animal to vaccinate, the dose, and route of administration.		
<b>Fishery</b>	Do not depend solely on rainwater to fill your pond as when it does not rain, there may not be enough water to keep your pond full and the fish may die. Harvest the fish in pond having less water depth.		



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

Telephone No: 03862-247241 (O) / Email: amfu.jharnapani@gov.in



Date: 10.05.19		District: Kiphire		Bulletin No: 38/2019	
Weather of preceding week			Weather forecast valid upto 15.05.2019		
<ul style="list-style-type: none"><li>▪ Lightrain occurred the past week</li><li>▪ Max and min temperatures ranged 28<sup>0</sup>C to 32<sup>0</sup>C and 20<sup>0</sup>C to 24<sup>0</sup>C, respectively.</li><li>▪ Relative humidity varied from 36% to 80%.</li><li>▪ Wind speed ranged from 2 to 3kmph</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>0</sup>C-31<sup>0</sup>C and <b>min temp</b> 20<sup>0</sup>C to 22<sup>0</sup>C</li><li>▪ <b>Sky is likely to be mainly clear</b> the coming week</li><li>▪ <b>Relative Humidity</b> is likely to range from 28% to 72%.</li><li>▪ <b>Wind speed</b> may reach upto2-3kmph</li><li>▪ <b>Wind may blow from southerly direction</b></li></ul> <b>Weekly cumulative Rainfall:</b> 10 mm		
WEATHER FORECAST BASED AGROMET ADVISORIES					
General Recommendations:					
Main crop	Growth Stage	Pest/Disease	Weather based Agro-Advisories		
Jhum paddy	Germination	Leaf folder Blast	To prevent the development of both <b>leaf folder and blast</b> , remove grass weeds from in and around the paddy fields		
Maize	Vegetative	Stem borer	The prevalent weather is favourable for the development of stem borer. Daily monitoring should be done. Removed the infested plant parts		
Rajmash	Vegetative	Leaf miner	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		
Cucurbitaceous vegetable	Vegetative	Bacterial wilt	Eliminate weed hosts and volunteer plants, rouge-out affected plants		
Brinjal	Transplanting	Fruit and shoot borer	Disease free seedlings having 3-4 leaves are to be transplanted. Spacing recommended are 60×45cm. Monitoring should be started for <b>fruit and shoot borer</b> as the damage by this insect starts soon after transplanting of the seedlings and continues till harvest of fruits.		
King chilli	Transplanting		For soil application Azospirillum 2kg/ha should be mixed with 20kg of farmyard manure. Disease free seedlings having 3-4 leaves are to be transplanted. Spacing recommended is 75×90cm.		
Poultry	During this season, avoid overcrowding of birds; water intake should be increased as even a slight shortfall of water can lead to heat stroke and mortality;shifting, transportation, de-beaking and vaccination should be done during night or cool hours of the day.				
Piggery	Animals should be vaccinated against all infectious diseases before the monsoon starts. Avoid vaccinating animals during extreme heat conditions. Plan to vaccinate in the early morning hours when temperatures are low to moderate. Always read label instructions as this will give you plenty of information on the type of animal to vaccinate, the dose, and route of administration.				
Fishery	Strengthen embankment to avoid erosion due to heavy rainfall				



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

Telephone No: 03862-247241 (O) / Email: amfu.jharnapani@gov.in



Date: 10.05.19	District: Kohima	Bulletin No: 38/2019
<b>Weather of preceding week</b>		<b>Weather forecast valid upto 15.05.2019</b>
<ul style="list-style-type: none"> <li>Light rain occurred the past week</li> <li>Max and min temperatures ranged 28<sup>0</sup>C to 29<sup>0</sup>C and 15<sup>0</sup>C to 16<sup>0</sup>C, respectively.</li> <li>Relative humidity varied from 58% to 94%.</li> <li>Wind speed ranged from 3 to 5kmph</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> 18<sup>0</sup>C to 20<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 31% to 89%.</li> <li><b>Wind speed</b> may reach upto 3-5 kmph</li> <li><b>Wind may blow from southeasterly direction</b></li> </ul>
		<b>Weekly cumulative Rainfall:</b> 10 mm

**WEATHER FORECAST BASED AGROMET ADVISORIES**

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
Maize	Germinating		Thinning should be done after 10 days of germination keeping one plant per hill.
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	Vegetative		Daily monitoring should be done for pest and diseases.
Poultry	Double the watering space in poultry houses during summer. Daily provide plenty of fresh, clean and cool drinking water during hot weather		
Piggery	Animals should be vaccinated against all infectious diseases before the monsoon starts. Avoid vaccinating animals during extreme heat conditions. Plan to vaccinate in the early morning hours when temperatures are low to moderate. Always read label instructions as this will give you plenty of information on the type of animal to vaccinate, the dose, and route of administration.		
Fishery	Do not depend solely on rainwater to fill your pond as when it does not rain, there may not be enough water to keep your pond full and the fish may die. Harvest the fish in pond having less water depth.		





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



Telephone No: 03862-247241 (O) / Email: amfu.jharnapani@gov.in

Date: 10.05.19		District: Longleng		Bulletin No: 38/2019	
Weather of preceding week			Weather forecast valid upto 15.05.2019		
<ul style="list-style-type: none"><li>▪ Lightrain occurred the past week</li><li>▪ Max and min temperatures ranged 24<sup>0</sup>C to 28<sup>0</sup>C and 20<sup>0</sup>C to 21<sup>0</sup>C, respectively.</li><li>▪ Relative humidity varied from 45% to 94%.</li><li>▪ Wind speed ranged from 3 to 4kmph</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-34<sup>0</sup>C and <b>min temp</b> 20<sup>0</sup>C to 21<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 42% to 80%.</li><li>▪ <b>Wind speed</b> may reach upto 3-5 kmph</li><li>▪ <b>Wind may blow from south easterly direction</b></li></ul> <div>Weekly cumulative Rainfall: 6mm</div>		
WEATHER FORECAST BASED AGROMET ADVISORIES					
Main crop	Growth Stage	Pest/Disease	Weather based Agro-Advisories		
Jhum paddy	Germinating	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		
Maize	Vegetative	Dead hearts	The prevalent weather is favourable for the development of stem borer. Daily monitoring should be done. Removed the infested plant parts		
Brinjal	Transplanted		Shallow inter-cultivation should be given to remove weeds from the early growth itself. About 3-4 hoeing and weeding are normally needed for an effective control of weeds, proper aeration and good growth		
Citrus		-	Conserve in situ soil moisture by light hoeing, weeding and subsequent mulching with dry weed/grasses in citrus tree basins. Rain water harvesting ponds should be dug at low land to collect the rain water.		
Poultry	Double the watering space in poultry houses during summer. Daily provide plenty of fresh, clean and cool drinking water during hot weather				
Piggery	Animals should be vaccinated against all infectious diseases before the monsoon starts. Avoid vaccinating animals during extreme heat conditions. Plan to vaccinate in the early morning hours when temperatures are low to moderate. Always read label instructions as this will give you plenty of information on the type of animal to vaccinate, the dose, and route of administration.				
Fishery	Do not depend solely on rainwater to fill your pond as when it does not rain, there may not be enough water to keep your pond full and the fish may die.Harvest the fish in pond having less water depth.				



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

Telephone No: 03862-247241 (O) / Email: amfu.jharnapani@gov.in



Date: 10.05.19		District: Mokokchung		Bulletin No: 38/2019	
Weather of preceding week			Weather forecast valid upto 15.05.2019		
<ul style="list-style-type: none"><li>▪ Light rain occurred the past week</li><li>▪ Max and min temperatures ranged 28<sup>0</sup>C to 31<sup>0</sup>C and 21<sup>0</sup>C to 22<sup>0</sup>C, respectively.</li><li>▪ Relative humidity varied from 48% to 90%.</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>0</sup>C-34<sup>0</sup>C and <b>min temp</b> 21<sup>0</sup>C to 22<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 41% to 82%.</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> 15mm		
WEATHER FORECAST BASED AGROMET ADVISORIES					
Main crop	Growth Stage	Pest/Disease	Weather based Agro-Advisories		
Jhum paddy	Germinating	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		
Maize	Vegetative	Stem borer	The prevalent weather is favourable for the development of stem borer. Daily monitoring should be done. Removed the infested plant parts		
Brinjal	Transplanted		Shallow inter-cultivation should be given to remove weeds from the early growth itself. About 3-4 hoeing and weeding are normally needed for an effective control of weeds, proper aeration and good growth		
Citrus		-	Conserve in situ soil moisture by light hoeing, weeding and subsequent mulching with dry weed/grasses in citrus tree basins. Rain water harvesting ponds should be dug at low land to collect the rain water.		
Poultry	Double the watering space in poultry houses during summer. Daily provide plenty of fresh, clean and cool drinking water during hot weather				
Piggery	Animals should be vaccinated against all infectious diseases before the monsoon starts. Avoid vaccinating animals during extreme heat conditions. Plan to vaccinate in the early morning hours when temperatures are low to moderate. Always read label instructions as this will give you plenty of information on the type of animal to vaccinate, the dose, and route of administration.				
Fishery	Do not depend solely on rainwater to fill your pond as when it does not rain, there may not be enough water to keep your pond full and the fish may die. Harvest the fish in pond having less water depth.				



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



Telephone No: 03862-247241 (O) / Email: amfu.jharnapani@gov.in

Date: 10.05.19		District: Mon	Bulletin No: 38/2019
Weather of preceding week		Weather forecast valid upto 15.05.2019	
<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 29<sup>0</sup>C and 19<sup>0</sup>C to 22<sup>0</sup>C, respectively.</li> <li>Relative humidity varied from 40% 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>0</sup>C - 33<sup>0</sup>C and <b>min temp</b> 20<sup>0</sup>C to 21<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 43% to 84%.</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>	
		Weekly cumulative Rainfall: 27mm	
Main crop	Growth Stage	Pest/Disease	Weather based Agro-Advisories
<i>Jhum paddy</i>	Vegetative stage	Leaf folder	Remove grass weeds from in and around the paddy fields. Clean sanitation measures should be followed and crop residues should be destroy in and around the field.
<i>TRC/WRC paddy</i>	Seeds		Short to medium duration HYV rice varieties like <i>CAU R1</i> , <i>CAU R3</i> , <i>RCM-9</i> and <i>RCM-11</i> should be taken up for timely harvesting of paddy. <i>Gitesh</i> , short duration variety can also be incorporated as it can be transplanted with 40 – 60 days old seedlings.
<i>Maize</i>	Vegetative stage	Dead hearts	Timely weeding and earthing up should be done for the plant to grow well. Daily monitoring should be done for dead hearts and timely removal and destruction of dead hearts should be done.
<i>Colocasia</i>	Planting stage		Spacing should be maintained at 60 x 45 cm. The planted tubers need to be mulched with green or dry leaves.
<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 Timely remove old and dead leaves		
<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>	Animals should be vaccinated against all infectious diseases before the monsoon starts. Avoid vaccinating animals during extreme heat conditions. Plan to vaccinate in the early morning hours when temperatures are low to moderate. Always read label instructions as this will give you plenty of information on the type of animal to vaccinate, the dose, and route of administration.		
<i>Fishery</i>	Do not depend solely on rainwater to fill your pond as when it does not rain, there may not be enough water to keep your pond full and the fish may die. Harvest the fish in pond having less water depth.		





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



Telephone No: 03862-247241 (O) / Email: amfu.jharnapani@gov.in

Date: 10.05.19		District: Peren	Bulletin No: 38/2019
Weather of preceding week		Weather forecast valid upto 15.05.2019	
<ul style="list-style-type: none"><li>▪ Lightrain occurred the past week</li><li>▪ Max and min temperatures ranged 31<sup>0</sup>C to 34<sup>0</sup>C and 20<sup>0</sup>C to 23<sup>0</sup>C, respectively.</li><li>▪ Relative humidity varied from 47% to 95%.</li><li>▪ Wind speed ranged from 2 to 3 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 - 30<sup>0</sup>C and <b>min temp</b>19<sup>0</sup>C to 20<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 36% to 95%.</li><li>▪ <b>Wind speed</b> may reach upto 2-3kmph</li><li>▪ <b>Wind may blow from mostly south easterly direction</b></li></ul> <b>Weekly cumulative Rainfall:</b> 25 mm	
WEATHER FORECAST BASED AGROMET ADVISORIES			
General Advisories			
•			
Main crop	Growth Stage	Pest/Disease	Weather based Agro-Advisories
TRC/WRC paddy	Seeds		Short to medium duration HYV rice varieties like CAU R1, CAU R3, RCM-9 and RCM-11 should be taken up for timely harvesting of paddy. Gitesh, short duration variety can also be incorporated as it can be transplanted with 40 – 60 days old seedlings.
Green gram	Vegetative stage		Timely weeding and earthing up should be carried out
Naga king chilli	Transplanting stage		For soil application Azospirillum 2kg/ha should be mixed with 20kg of farmyard manure. Disease free seedlings having 3-4 leaves are to be transplanted. Spacing recommended is 75×90cm.
Assam Lemon			Conserve in situ soil moisture by light hoeing, weeding and subsequent mulching with dry weed/grasses in citrus tree basins. Rain water harvesting ponds should be dug at low land to collect the rain water
Okra	Vegetative 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	Double the watering space in poultry houses during summer. Daily provide plenty of fresh, clean and cool drinking water during hot weather		
Piggery	Animals should be vaccinated against all infectious diseases before the monsoon starts. Avoid vaccinating animals during extreme heat conditions. Plan to vaccinate in the early morning hours when temperatures are low to moderate. Always read label instructions as this will give you plenty of information on the type of animal to vaccinate, the dose, and route of administration.		
Fishery	Do not depend solely on rainwater to fill your pond as when it does not rain, there may not be enough water to keep your pond full and the fish may die.Harvest the fish in pond having less water depth.		



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

Telephone No: 03862-247241 (O) / Email: amfu.jharnapani@gov.in



Date: 10.05.19	District: Phek	Bulletin No: 38/2019
<b>Weather of preceding week</b>		<b>Weather forecast valid upto 15.05.2019</b>
<ul style="list-style-type: none"> <li>Light rain occurred the past week</li> <li>Max and min temperatures ranged 32<sup>0</sup>C to 34<sup>0</sup>C and 22<sup>0</sup>C to 25<sup>0</sup>C, respectively.</li> <li>Relative humidity varied from 46% to 90%.</li> <li>Wind speed ranged from 2 to 4kmph</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> 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 30% to 78%.</li> <li><b>Wind speed</b> may reach upto 2-4kmph</li> <li><b>Wind may blow most southeasterly direction</b></li> <li><b>Weekly cumulative Rainfall:</b> 12mm</li> </ul>

**WEATHER FORECAST BASED AGROMET ADVISORIES**

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
Maize	Germinating		Thinning should be done after 10 days of germination keeping one plant per hill.
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	Vegetative		Daily monitoring should be done for pest and diseases.
Poultry	Double the watering space in poultry houses during summer. Daily provide plenty of fresh, clean and cool drinking water during hot weather		
Piggery	Animals should be vaccinated against all infectious diseases before the monsoon starts. Avoid vaccinating animals during extreme heat conditions. Plan to vaccinate in the early morning hours when temperatures are low to moderate. Always read label instructions as this will give you plenty of information on the type of animal to vaccinate, the dose, and route of administration.		
Fishery	Do not depend solely on rainwater to fill your pond as when it does not rain, there may not be enough water to keep your pond full and the fish may die. Harvest the fish in pond having less water depth.		



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

Telephone No: 03862-247241 (O) / Email: amfu.jharnapani@gov.in



Date: 10.05.19		District: Tuensang		Bulletin No: 38/2019	
Weather of preceding week			Weather forecast valid upto 15.05.2019		
<ul style="list-style-type: none"><li>▪ Light rain occurred the past week</li><li>▪ Max and min temperatures ranged 28<sup>0</sup>C to 32<sup>0</sup>C and 20<sup>0</sup>C to 24<sup>0</sup>C, respectively.</li><li>▪ Relative humidity varied from 42% to 85%.</li><li>▪ Wind speed ranged from 1 to 2kmph</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>0</sup>C-34<sup>0</sup>C and <b>min temp</b> 21<sup>0</sup>C to 22<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 30% to 70%.</li><li>▪ <b>Wind speed</b> may reach upto 1-2kmph</li><li>▪ <b>Wind may blow from mostly southeasterly direction</b></li></ul> <b>Weekly cumulative Rainfall:</b> 6 mm		
WEATHER FORECAST BASED AGROMET ADVISORIES					
Main crop		Growth Stage	Pest/Disease	Weather based Agro-Advisories	
Jhum paddy		Germination	Leaf folder Blast	To prevent the development of both <b>leaf folder and blast</b> , remove grass weeds from in and around the paddy fields	
Maize		Vegetative	Dead heart	The prevalent weather is favourable for the development of stem borer. Daily monitoring should be done. Removed the infested plant parts	
Rajmash		Vegetative	Leaf miner	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	
Cucurbitaceous vegetable		Vegetative	Bacterial wilt	Eliminate weed hosts and volunteer plants, rouge-out affected plants	
Brinjal		Transplanting	Fruit and shoot borer	Disease free seedlings having 3-4 leaves are to be transplanted. Spacing recommended are 60×45cm. Monitoring should be started for <b>fruit and shoot borer</b> as the damage by this insect starts soon after transplanting of the seedlings and continues till harvest of fruits.	
King chilli		Transplanting		For soil application Azospirillum 2kg/ha should be mixed with 20kg of farmyard manure. Disease free seedlings having 3-4 leaves are to be transplanted. Spacing recommended is 75×90cm.	
Poultry		Double the watering space in poultry houses during summer. Daily provide plenty of fresh, clean and cool drinking water during hot weather			
Piggery		Animals should be vaccinated against all infectious diseases before the monsoon starts. Avoid vaccinating animals during extreme heat conditions. Plan to vaccinate in the early morning hours when temperatures are low to moderate. Always read label instructions as this will give you plenty of information on the type of animal to vaccinate, the dose, and route of administration.			
Fishery		Do not depend solely on rainwater to fill your pond as when it does not rain, there may not be enough water to keep your pond full and the fish may die.Harvest the fish in pond having less water depth.			

