



**GRAMIN KRISHI MAUSAM SEWA**  
**ICAR RESEARCH COMPLEX FOR NEH REGION**  
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<b>Date: 14.06.19</b>	<b>District: Phek</b>	<b>Bulletin No: 47/2019</b>
<b>Weather of preceding week</b>		<b>Weather forecast valid upto 19.06.2019</b>
<ul style="list-style-type: none"> <li>Light rain occurred the past week</li> <li>Max and min temperatures ranged 29<sup>0</sup>C to 30<sup>0</sup>C and 16<sup>0</sup>C to 17<sup>0</sup>C, respectively.</li> <li>Relative humidity varied from 62% to 89%.</li> <li>Wind speed ranged from 2 to 4kmph</li> </ul>		<ul style="list-style-type: none"> <li>Probability of moderate to heavy rain</li> <li><b>Max temp</b> is likely to be 29<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 61% to 96%.</li> <li><b>Wind speed</b> may reach upto 3-4 kmph</li> <li><b>Wind may blow mostly southerly direction</b></li> </ul>
		<b>Weekly cumulative Rainfall: 65mm</b>

**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.		



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Date: 14.06.19	District: Tuensang	Bulletin No: 47/2019
Weather of preceding week		Weather forecast valid upto 19.06.2019
<ul style="list-style-type: none"> <li>Light rain occurred the past week</li> <li>Max and min temperatures ranged 31°C to 32°C and 17°C to 19°C, respectively.</li> <li>Relative humidity varied from 52% to 87%.</li> <li>Wind speed ranged from 1 to 2kmph</li> </ul>		<ul style="list-style-type: none"> <li>Probability of moderate rain</li> <li><b>Max temp</b> is likely to be 29°C-30°C and <b>min temp</b> 18°C to 19°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 61% to 95%.</li> <li><b>Wind speed</b> may reach upto 3-4 kmph</li> <li><b>Wind may blow from southerly direction</b></li> <li><b>Weekly cumulative Rainfall:</b> 45mm</li> </ul>

**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	Vegetative	Fruit and shoot borer	Monitoring should be done daily 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.		



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Date: 14.06.19	District: Wokha	Bulletin No: 47/2019
Weather of preceding week		Weather forecast valid upto 19.06.2019
<ul style="list-style-type: none"><li>Light rain occurred the past week</li><li>Max and min temperatures ranged 30°C to 32°C and 17°C to 19°C respectively.</li><li>Relative humidity varied from 44% to 90%.</li><li>Wind speed ranged from 3 to 4kmph</li></ul>		<ul style="list-style-type: none"><li>Probability of moderate rain</li><li><b>Max temp</b> is likely to be 30°C-32°C and <b>min temp</b> 20°C to 21°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 64% to 94%.</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> <b>Weekly cumulative Rainfall:</b> 50mm

**WEATHER FORECAST BASED AGROMET ADVISORIES**

Main crop	Growth Stage	Pest/Disease	Weather based Agro-Advisories
<b>Jhum paddy</b>	Vegetative stage	Leaf folder	<i>Remove grass weeds from in and around the paddy fields. Clean sanitation measures should be followed and crop residues should be destroyed in and around the field.</i>
<b>Maize</b>	Tasseling stage	Fall Army Worm	<i>At tasseling and post tasseling stage (silking stage). Do not spray insecticide (no insecticide application) but if 10% ear damage is observed action is required Hand pick and destroy the egg masses and neonate larvae in mass by crushing or immersing in kerosene water</i>
<b>Brinjal</b>	Vegetative stage		<i>About 3-4 hoeing and weeding are normally needed for an effective control of weeds, proper aeration and good growth</i>
<b>Citrus</b>		-	<i>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.</i>
<b>Poultry</b>	<ul style="list-style-type: none"><li>Protect the birds from rain.</li><li>Keep the litter material dry.</li><li>Give electrolyte in drinking water to birds of 1-6 weeks.</li></ul>		
<b>Piggery</b>	<ul style="list-style-type: none"><li>Animals purchased for the farm should be from disease free herds.</li><li>Newly purchased animals should be isolated from the other animals in the farm for a period of three to four weeks.</li><li>No visitor should be allowed to visit the farm.</li></ul>		
<b>Fishery</b>	Renovation of old pond should be carried out and proper inspection of works of new pond construction should be done. During extremely hot weather, check your pond regularly at sunrise for signs of stressed fish.		



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Date: 14.06.19		District: Zunheboto		Bulletin No: 47/2019	
Weather of preceding week			Weather forecast valid upto19.06.2019		
<div><div>▪ Light rain occurred the past week</div><div>▪ Max and min temperatures ranged 30<sup>0</sup>C to 32<sup>0</sup>C and 17<sup>0</sup>C to 19<sup>0</sup>C, respectively.</div><div>▪ Relative humidity varied from 75% to 90%.</div><div>▪ Wind speed ranged from 4 to 5 kmph</div></div>			<div><div>▪ Probability of moderate rain</div><div>▪ <b>Max temp</b> is likely to be 31<sup>0</sup>C- 32<sup>0</sup>C and <b>min temp</b> 20<sup>0</sup>C to 21<sup>0</sup>C</div><div>▪ <b>Sky is likely to be partly cloudy</b> the coming week</div><div>▪ <b>Relative Humidity</b> is likely to range from 78% to 98%.</div><div>▪ <b>Wind speed</b> may reach upto 4-5kmph</div><div>▪ <b>Wind may blow from south easterly direction</b></div><div>Weekly cumulative Rainfall:40mm</div></div>		
WEATHER FORECAST BASED AGROMET ADVISORIES					
Main crop		Growth Stage	Pest/Disease	Weather based Agro-Advisories	
Jhum paddy		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.	
Maize		Tasseling stage	Fall Army Worm	At tasseling and post tasseling stage (silking stage). Do not spray insecticide (no insecticide application) but if 10% ear damage is observed action is required Hand pick and destroy the egg masses and neonate larvae in mass by crushing or immersing in kerosene water	
Brinjal		Vegetative stage		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		<div><div>• Protect the birds from rain.</div><div>• Keep the litter material dry.</div><div>• Give electrolyte in drinking water to birds of 1-6 weeks.</div></div>			
Piggery		<div><div>• Animals purchased for the farm should be from disease free herds.</div><div>• Newly purchased animals should be isolated from the other animals in the farm for a period of three to four weeks.</div><div>• No visitor should be allowed to visit the farm.</div></div>			
Fishery		Renovation of old pond should be carried out and proper inspection of works of new pond construction should be done. During extremely hot weather, check your pond regularly at sunrise for signs of stressed fish.			



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Date: 14.06.19	District: Dimapur	Bulletin No: 47/2019
Weather of preceding week		Weather forecast valid upto 19.06.2019
<ul style="list-style-type: none"> <li>Light rain occurred the past week</li> <li>Max and min temperatures ranged 31<sup>0</sup>C to 34<sup>0</sup>C and 21<sup>0</sup>C to 24<sup>0</sup>C, respectively.</li> <li>Relative humidity varied from 40% to 85%.</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 32<sup>0</sup>C - 34<sup>0</sup>C and <b>min temp</b> 24<sup>0</sup>C to 25<sup>0</sup>C</li> <li><b>Sky is likely to be mainly clear sky</b> the coming week</li> <li><b>Relative Humidity</b> is likely to range from 46% to 91%.</li> <li><b>Wind speed</b> may reach upto 5-6kmph</li> <li><b>Wind may blow from south easterly direction</b></li> <li><b>Weekly cumulative Rainfall:</b> 10mm</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>	Vegetative stage		In the present weather, Timely weeding and earthing up should be done and maintain proper drainage in the field
<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>	Flowering stage	Hoppers and white flies	Proper drainage should be maintain in the field
<b>Cucurbitaceous vegetable</b>	Vegetative stage	Fusarium wilt	Remove and destroy the infected plants and plant debris Avoid water stagnation and maintain proper drainage
<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.		





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Date: 14.06.19	District: Kiphire	Bulletin No: 47/2019
Weather of preceding week		Weather forecast valid upto 19.06.2019
<ul style="list-style-type: none"> <li>Light rain occurred the past week</li> <li>Max and min temperatures ranged 30°C to 32°C and 17°C to 19°C, respectively.</li> <li>Relative humidity varied from 57% to 87%.</li> <li>Wind speed ranged from 2 to 3 kmph</li> </ul>		<ul style="list-style-type: none"> <li>Probability of moderate rain</li> <li><b>Max temp</b> is likely to be 32°C-35°C and <b>min temp</b> 25°C to 26°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 54% to 95%.</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:</b> 50 mm

**WEATHER FORECAST BASED AGROMET ADVISORIES**

Main crop	Growth Stage	Pest/Disease	Weather based Agro-Advisories
Jhum paddy	Vegetative stage	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	Tasseling stage	Stem borer	The prevalent weather is favourable for the development of stem borer. Daily monitoring should be done. Removed the infested plant parts
Rajmash	Flowering stage		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, rogue-out affected plants
Brinjal	Vegetative stage	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	Vegetative to flowering stage	Fruit borer	Spray Neem oil @ 5 ml/liter of water after fruit setting to avoid the larval stage of fruit borer and control the aphid population at Economic Threshold Level.
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		



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<b>Date: 14.06.19</b>	<b>District: Kohima</b>	<b>Bulletin No: 47/2019</b>
<b>Weather of preceding week</b>		<b>Weather forecast valid upto 19.06.2019</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 30<sup>0</sup>C and 15<sup>0</sup>C to 17<sup>0</sup>C, respectively.</li> <li>Relative humidity varied from 52% to 80%.</li> <li>Wind speed ranged from 3 to 5kmph</li> </ul>		<ul style="list-style-type: none"> <li>Probability of moderate 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 19<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 73% to 94%.</li> <li><b>Wind speed</b> may reach upto 4-6 kmph</li> <li><b>Wind may blow from southeasterly direction</b></li> </ul>
		<b>Weekly cumulative Rainfall: 45 mm</b>

**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.		



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<b>Date: 14.06.19</b>	<b>District: Longleng</b>	<b>Bulletin No: 47/2019</b>
<b>Weather of preceding week</b>		<b>Weather forecast valid upto 19.06.2019</b>
<ul style="list-style-type: none"> <li>Light rain occurred the past week</li> <li>Max and min temperatures ranged 30<sup>0</sup>C to 32<sup>0</sup>C and 17<sup>0</sup>C to 20<sup>0</sup>C, respectively.</li> <li>Relative humidity varied from 55% to 87%.</li> <li>Wind speed ranged from 3 to 4kmph</li> </ul>		<ul style="list-style-type: none"> <li>Probability of moderate rain</li> <li><b>Max temp</b> is likely to be 30<sup>0</sup>C-32<sup>0</sup>C and <b>min temp</b> 24<sup>0</sup>C to 25<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 74% to 95%.</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: 35mm</b>

**WEATHER FORECAST BASED AGROMET ADVISORIES**

Main crop	Growth Stage	Pest/Disease	Weather based Agro-Advisories
<b>Jhum paddy</b>	Vegetative stage	Leaf folder	<i>Remove grass weeds from in and around the paddy fields. Clean sanitation measures should be followed and crop residues should be destroyed in and around the field.</i>
<b>Maize</b>	Tasseling stage	Fall Army Worm	<i>At tasseling and post tasseling stage (silking stage). Do not spray insecticide (no insecticide application) but if 10% ear damage is observed action is required Hand pick and destroy the egg masses and neonate larvae in mass by crushing or immersing in kerosene water</i>
<b>Brinjal</b>	Vegetative stage		<i>About 3-4 hoeing and weeding are normally needed for an effective control of weeds, proper aeration and good growth</i>
<b>Citrus</b>		-	<i>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.</i>
<b>Poultry</b>	<ul style="list-style-type: none"> <li>Protect the birds from rain.</li> <li>Keep the litter material dry.</li> <li>Give electrolyte in drinking water to birds of 1-6 weeks.</li> </ul>		
<b>Piggery</b>	<ul style="list-style-type: none"> <li>Animals purchased for the farm should be from disease free herds.</li> <li>Newly purchased animals should be isolated from the other animals in the farm for a period of three to four weeks.</li> <li>No visitor should be allowed to visit the farm.</li> </ul>		
<b>Fishery</b>	Renovation of old pond should be carried out and proper inspection of works of new pond construction should be done. During extremely hot weather, check your pond regularly at sunrise for signs of stressed fish.		





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Date: 14.06.19		District: Mokokchung		Bulletin No: 47/2019	
Weather of preceding week			Weather forecast valid upto19.06.2019		
<ul style="list-style-type: none"><li>▪ Light rain occurred the past week</li><li>▪ Max and min temperatures ranged 35<sup>0</sup>C to 36<sup>0</sup>C and 24<sup>0</sup>C to 27<sup>0</sup>C, respectively.</li><li>▪ Relative humidity varied from 50% to 90%.</li><li>▪ Wind speed ranged from 3 to 4 kmph</li></ul>			<ul style="list-style-type: none"><li>▪ Probability of moderate rain</li><li>▪ <b>Max temp</b> is likely to be 30<sup>0</sup>C-32<sup>0</sup>C and <b>min temp</b> 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 76% to 96%.</li><li>▪ <b>Wind speed</b> may reach upto 4-5 kmph</li><li>▪ <b>Wind may blow from mostly south easterly direction</b></li></ul> <b>Weekly cumulative Rainfall:</b> 40mm		
WEATHER FORECAST BASED AGROMET ADVISORIES					
Main crop	Growth Stage	Pest/Disease	Weather based Agro-Advisories		
Jhum paddy	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.		
Maize	Tasseling stage	Fall Army Worm	At tasseling and post tasseling stage (silking stage). Do not spray insecticide (no insecticide application) but if 10% ear damage is observed action is required Hand pick and destroy the egg masses and neonate larvae in mass by crushing or immersing in kerosene water		
Brinjal	Vegetative stage		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	<ul style="list-style-type: none"><li>• Protect the birds from rain.</li><li>• Keep the litter material dry.</li><li>• Give electrolyte in drinking water to birds of 1-6 weeks.</li></ul>				
Piggery	<ul style="list-style-type: none"><li>• Animals purchased for the farm should be from disease free herds.</li><li>• Newly purchased animals should be isolated from the other animals in the farm for a period of three to four weeks.</li><li>• No visitor should be allowed to visit the farm.</li></ul>				
Fishery	Renovation of old pond should be carried out and proper inspection of works of new pond construction should be done. During extremely hot weather, check your pond regularly at sunrise for signs of stressed fish.				



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Date: 14.06.19	District: Mon	Bulletin No: 47/2019
Weather of preceding week		Weather forecast valid upto 19.06.2019
<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 28<sup>0</sup>C and 18<sup>0</sup>C to 20<sup>0</sup>C, respectively.</li> <li>Relative humidity varied from 53% to 85%.</li> <li>Wind speed ranged from 3 to 4 kmph</li> </ul>		<ul style="list-style-type: none"> <li>Probability of moderate rain</li> <li><b>Max temp</b> is likely to be 30<sup>0</sup>C - 32<sup>0</sup>C and <b>min temp</b> 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 62% to 96%.</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> 40mm

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		Farmers are advised to start preparation of paddy nurseries. For one hectare of crop field 800-1000 square metre nursery is sufficient. Before sowing seeds in nursery seed treatment by captan 2g /kg of seed should be done
<i>Maize</i>	Tasseling stage	Fall Army Worm	At tasseling and post tasseling stage (silking stage). Do not spray insecticide (no insecticide application) but if 10% ear damage is observed action is required Hand pick and destroy the egg masses and neonate larvae in mass by crushing or immersing in kerosene water
<i>Colocasia</i>	Vegetative stage		Timely weeding should be done followed by earthing up
<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>	<ul style="list-style-type: none"> <li>Protect the birds from rain.</li> <li>Keep the litter material dry.</li> <li>Give electrolyte in drinking water to birds of 1-6 weeks.</li> </ul>		
<i>Piggery</i>	<ul style="list-style-type: none"> <li>Animals purchased for the farm should be from disease free herds.</li> <li>Newly purchased animals should be isolated from the other animals in the farm for a period of three to four weeks.</li> <li>No visitor should be allowed to visit the farm.</li> </ul>		
<i>Fishery</i>	Renovation of old pond should be carried out and proper inspection of works of new pond construction should be done. During extremely hot weather, check your pond regularly at sunrise for signs of stressed fish.		



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Date: 14.06.19	District: Peren	Bulletin No: 47/2019
Weather of preceding week		Weather forecast valid upto 19.06.2019
<ul style="list-style-type: none"> <li>Moderate rain occurred the past week</li> <li>Max and min temperatures ranged 30<sup>0</sup>C to 31<sup>0</sup>C and 18<sup>0</sup>C to 19<sup>0</sup>C, respectively.</li> <li>Relative humidity varied from 54% to 92%.</li> <li>Wind speed ranged from 2 to 3 kmph</li> </ul>		<ul style="list-style-type: none"> <li>Probability of moderate rain</li> <li><b>Max temp</b> is likely to be 30<sup>0</sup>C - 32<sup>0</sup>C and <b>min temp</b> 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 80% to 94%.</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>
		<b>Weekly cumulative Rainfall:</b> 75mm

**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>	Vegetative stage		In the present weather, Timely weeding and earthing up should be done and maintain proper drainage in the field
<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>	Flowering stage	Hoppers and white flies	Proper drainage should be maintain in the field
<b>Cucurbitaceous vegetable</b>	Vegetative stage	Fusarium wilt	Remove and destroy the infected plants and plant debris Avoid water stagnation and maintain proper drainage
<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.		