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Date: 05.07.19		District: Dimapur		Bulletin No: 53/2019	
Weather of preceding week <ul style="list-style-type: none"> ▪ Light rain occurred the past week ▪ Max and min temperatures ranged 30⁰C to 31⁰C and 22⁰C to 23⁰C, respectively. ▪ Relative humidity varied from 40% to 80%. ▪ Wind speed ranged from 4 to 6 kmph 			Weather forecast valid upto 10.07.2019 <ul style="list-style-type: none"> ▪ Probability of light rain ▪ Max temp is likely to be 32⁰C - 35⁰C and min temp 23⁰C to 24⁰C ▪ Sky is likely to be cloudy the coming week ▪ Relative Humidity is likely to range from 45% to 93%. ▪ Wind speed may reach upto 5-6kmph ▪ Wind may blow from south easterly direction ▪ Weekly cumulative Rainfall: 8mm 		
WEATHER FORECAST BASED AGROMET ADVISORIES					
Promote sowing of legumes as intercrop or in field bunds					
Main crop	Growth Stage	Pest/Disease	Weather based Agro-Advisories		
<i>TRC/WRC paddy</i>	Nursery/Land preparation		Prepare the main field for transplanting. Transplanting after 5th and higher order leaf numbers will affect the performance of the crop and grain yield. Transplant 2-3 seedlings/hill for short duration and 2 seedlings/hill for medium and long duration varieties		
<i>Groundnut</i>	Sowing stage	Whitegrubs, nematodes, soil borne and leaf spots	Groundnut should be rotated with millet, paddy, maize as it will check the buildup of pests, white grubs, nematodes, soil borne diseases, leaf spots and also maintain soil fertility		
<i>Naga king chilli</i>	Flowering stage	Aphids	In present weather conditions, rouging of viral infested crop should be done in chilli. Infected plants should be uprooted and buried in the soil.		
<i>Okra</i>	Harvesting stage		Since the pods get matured very quickly, timely harvesting should be done		
<i>Cucurbitaceous vegetable</i>	Vegetative stage	Beetle	Eradicate the disease infected plants Hand collect the grubs and beetles from the foliage		
<i>Soybean</i>	Land preparation	Beetles, pathogens	Deep ploughing should be done to expose the resting stages of beetle, plant pathogens, rhizomes and bulbs of perennial weeds		
<i>Poultry</i>	Surround the house with tall trees. Shades from tall trees and plantation around the sheds can reduce the radiant heat. The plantation of trees should be such that trees will be leafy during summer and bald during winter				
<i>Piggery</i>	<ul style="list-style-type: none"> • Vaccinate against FMD and CSF (Classical Swine Fever). • Provide multivitamins and minerals during stress periods (hot periods, farrowing periods etc). 				
<i>Fishery</i>	It is not advisable to start a culture if water cannot be retained at least for a minimum of 3 months. In case of impending water scarcity, low stocking density should be adopted. Low water level will lead to high temperature regimes in the ponds which will add to the stress of the cultured organisms. Fertilization and manuring should be avoided when there is acute water scarcity				



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Date: 05.07.19		District: Kiphire		Bulletin No: 53/2019	
Weather of preceding week <ul style="list-style-type: none"> ▪ Moderate rain occurred the past week ▪ Max and min temperatures ranged 30°C to 31°C and 22°C to 23°C, respectively. ▪ Relative humidity varied from 59% to 90%. ▪ Wind speed ranged from 3 to 4 kmph 			Weather forecast valid upto 10.07.2019 <ul style="list-style-type: none"> ▪ Probability of heavy rain ▪ Max temp is likely to be 28°C-29°C and min temp 19°C to 20°C ▪ Sky is likely to be cloudy the coming week ▪ Relative Humidity is likely to range from 83% to 92%. ▪ Wind speed may reach upto 3-4 kmph ▪ Wind may blow from southeasterly direction 		
Weekly cumulative Rainfall: 90 mm					
WEATHER FORECAST BASED AGROMET ADVISORIES					
Probability of heavy rain the coming week, so provide proper drainage in the field					
Main crop	Growth Stage	Pest/Disease	Weather based Agro-Advisories		
<i>Jhum paddy</i>	Booting stage	Leaf folder Blast	To prevent the development of both leaf folder and blast , remove grass weeds from in and around the paddy fields		
<i>TRC /WRC paddy</i>	Transplanting		Replanting of dead hills should be done within 7-10 days of transplanting with seedlings of same age.		
<i>Maize</i>	Maturity/Harvesting stage	Bird	Use bird scarer for the control of birds Harvested ears should be dried in the sun before shelling.		
<i>Rajmash</i>	Harvesting stage		In the present weather, as rainfall is occurring daily harvesting should be done during clear skies		
<i>Cucurbitaceous vegetable</i>	Vegetative	Powdery mildew	Destroy wild cucurbit plant and crop residues as it will reduce the incidence of powdery mildew		
<i>Brinjal</i>	Vegetative	Fruit and shoot borer	Clip off the damaged shoots, and collect and destroy the damaged fruits timely as clean cultivation helps in managing the borer effectively.		
<i>King chilli</i>	Flowering / fruiting stage	Fruit rot	Spots on fruits usually sunken with black margins can be seen. Seed treatment should be done with Trichoderma (@10g/kg seed).		
<i>Colocasia</i>	Germination stage	Leaf blight	Monitoring should be done for leaf blight. When weather is cloudy, rainfall coupled with moderate temperature & high humidity, the epidemics of diseases is favoured.		
Poultry	<ul style="list-style-type: none"> • Surround the house with tall trees. Shades from tall trees and plantation around the sheds can reduce the radiant heat. The plantation of trees should be such that trees will be leafy during summer and bald during winter. • Shed design and construction should not allow direct sunlight on birds 				
Piggery	<ul style="list-style-type: none"> • Provide multivitamins and minerals during stress periods (hot periods, farrowing periods etc). • During this season, stay ready to combat diarrhea with medication. 				
Fishery	Conduct inspection every morning, noon and evening to check fish activities and whether there are unusual changes caused by sudden weather changes. By keeping watch, problems can be detected early and prompt remedial actions can be taken				



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Date: 05.07.19	District: Kohima	Bulletin No: 53/2019
Weather of preceding week		Weather forecast valid upto 10.07.2019
<ul style="list-style-type: none"> ▪ Moderate rain occurred the past week ▪ Max and min temperatures ranged 26⁰C to 27⁰C and 18⁰C to 19⁰C, respectively. ▪ Relative humidity varied from 51% to 92%. ▪ Wind speed ranged from 3 to 5kmph 		<ul style="list-style-type: none"> ▪ Probability of moderate rain ▪ Max temp is likely to be 27⁰C - 28⁰C and min temp 18⁰C to 19⁰C ▪ Sky is likely to be cloudy the coming week ▪ Relative Humidity is likely to range from 75% to 93%. ▪ Wind speed may reach upto 4-6 kmph ▪ Wind may blow from southeasterly direction <p style="background-color: #ffffcc; margin-top: 5px;">Weekly cumulative Rainfall: 49 mm</p>

WEATHER FORECAST BASED AGROMET ADVISORIES

Sprinkle wood ash in kitchen garden on vegetable crops, spread it around plants to ward off pests and to enhance nutrients status of the soil.

In the present season where weed growth is profuse, atleast maintain crop weed free up to 4-6 weeks after planting

Main crop	Stage	Pest/Disease	Weather based Agro-Advisories
<i>Jhum paddy</i>	Booting to inflorescence stage	Leaf folder Blast	To prevent the development of both leaf folder and blast , remove grass weeds from in and around the paddy fields
<i>TRC paddy</i>	Transplanting	Caseworm	Gap filling should be done within 7-10 days after planting Monitoring should be done against caseworm
<i>Maize</i>	Tasseling/Maturity stage	Bird	Use bird scarer during flowering or maturity. Due to continuous rain, the plant may lodge. To save the crop, provide proper drainage in the field and timely earthing up should be done
<i>Cucurbitaceous vegetable</i>	Vegetative stage	Powdery mildew	Destroy wild cucurbit plant and crop residues as it will reduce the incidence of powdery mildew
<i>Chayote</i>	Flowering stage		Put a trellis or stake support in place
<i>Potato</i>	Sowing		Use healthy, certified and weed seed free tubers. Use raised seed beds of more than 35cm height for better water drainage
<i>Ginger</i>	Vegetative stage	Soft rot	In the present weather, proper drainage channels should be provided, since stagnation of water predisposes the plant to infection.
<i>Poultry</i>	<ul style="list-style-type: none"> • Thatching of roof with paddy straw or sugar cane leaves will reduce temperature inside the shed • Increase frequency of watering. Provide Electral Energy (1-2 gm/liter) in water during hot hours 		
<i>Piggery</i>	<ul style="list-style-type: none"> • Provide multivitamins and minerals during stress periods (hot periods, farrowing periods etc). • During this season, stay ready to combat diarrhea with medication. 		
<i>Fishery</i>	Conduct inspection every morning, noon and evening to check fish activities and whether there are unusual changes caused by sudden weather changes. By keeping watch, problems can be detected early and prompt remedial actions can be taken		



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Date: 05.07.19	District: Longleng	Bulletin No: 53/2019
Weather of preceding week		Weather forecast valid upto 10.07.2019
<ul style="list-style-type: none"> ▪ Moderate rain occurred the past week ▪ Max and min temperatures ranged 30⁰C to 31⁰C and 22⁰C to 23⁰C, respectively. ▪ Relative humidity varied from 54% to 91%. ▪ Wind speed ranged from 3 to 5 kmph 		<ul style="list-style-type: none"> ▪ Probability of light rain ▪ Max temp is likely to be 29⁰C-30⁰C and min temp 24⁰C to 25⁰C ▪ Sky is likely to be cloudy the coming week ▪ Relative Humidity is likely to range from 76% to 91%. ▪ Wind speed may reach upto 3-5 kmph ▪ Wind may blow from south easterly direction <p>Weekly cumulative Rainfall: 20mm</p>

WEATHER FORECAST BASED AGROMET ADVISORIES

Pits for fruit plantation should be ready by this month for planting (1x1x1) m3 pit size

Main crop	Growth Stage	Pest/Disease	Weather based Agro-Advisories
Jhum paddy	Tillering stage	Blast	Maintain field sanitation and adopt clean cultivation
TRC/WRC paddy	Transplanting	Yellow stem borer	If transplanting is in process, clip off the tip of seedling so as to reduce carryover of egg from nursery to main field, as the egg of stem borers are laid near the tip of the leaves
Maize	Harvesting stage		Depending on the purpose of the maize cultivation, maize crop can be harvested at other stages as well, for example - at late dough stage (about 5-6 week of after pollination) for green-cob purpose, and green fodder can be used for cattle feed
Brinjal	Fruiting stage	Fruit and shoot borer	<ul style="list-style-type: none"> • Clip off damaged shoots and early infested fruits at weekly interval. Need based foliar spray of NSKE (4%) • Frequent shallow cultivation should be done at regular intervals so as to keep the field free from weeds and to facilitate soil aeration and proper root development.
Ginger			Field hygiene is more important to manage the pests and diseases. Avoid water stagnation, provide adequate drainage, remove weeds periodically
Chilli	Vegetative stage	Leaf curl	Leaves become small in size, stunted, poor or no bearing of fruits. Uproot and burn infested plants
Colocasia			Weeding and earthing up should be done within 45 to 60 days after planting. Small inefficient suckers from the mother plants have to be removed along with the second weeding
Soybean	Land preparation	-	Land should be prepared thoroughly by ploughing and harrowing to a fine tilth. Care should be taken to provide drain or a gentle slope for good drainage.
Poultry	<ul style="list-style-type: none"> • Protect the birds from rain. • Keep the litter material dry. • Provide clean and fresh water. All waterers should be cleaned daily • Antibiotics or other stress medications may be added to water if desired and all waterers should be cleaned daily 		
Piggery	<ul style="list-style-type: none"> • During this season, try to keep the shelter waterproof and well ventilated as they do not sweat and can suffer greatly in extreme heat 		
Fishery	During extremely hot weather, check your pond regularly at sunrise for signs of stressed fish.		



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Date: 05.07.19	District: Mokokchung	Bulletin No: 53/2019
Weather of preceding week	Weather forecast valid upto 10.07.2019	
<ul style="list-style-type: none"> ▪ Moderate rain occurred the past week ▪ Max and min temperatures ranged 30⁰C to 31⁰C and 20⁰C to 21⁰C, respectively. ▪ Relative humidity varied from 73% to 94%. ▪ Wind speed ranged from 4 to 5 kmph 	<ul style="list-style-type: none"> ▪ Probability of moderate rain ▪ Max temp is likely to be 29⁰C-31⁰C and min temp 24⁰C to 25⁰C ▪ Sky is likely to be cloudy the coming week ▪ Relative Humidity is likely to range from 82% to 95%. ▪ Wind speed may reach upto 4-5 kmph ▪ Wind may blow from mostly south easterly direction <p style="background-color: #ffffcc; margin-top: 5px;">Weekly cumulative Rainfall: 45mm</p>	

WEATHER FORECAST BASED AGROMET ADVISORIES

As there is probability of rain this week too, proper drainage should be maintained in the field and proper weeding and earthing up should be carried out.

Pits for fruit plantation should be ready by this month for planting (1x1x1) m3 pit size

Main crop	Growth Stage	Pest/Disease	Weather based Agro-Advisories
<i>Jhum paddy</i>	Maximum Tillering stage	Blast	<ul style="list-style-type: none"> • Scout fields for leaf blast symptoms, especially on susceptible varieties. If leaf blast is present, a preventative fungicide application should be considered • Destroy the infested residue, stubbles, grass and weeds present in the bunds of the field. They act as a source for the infection
<i>TRC/WRC paddy</i>	Transplanting stage		Preferably two weeding at 20 and 40 days after transplanting should be done. Daily monitoring should be done for pest and diseases. If transplanting is delayed, higher number of seedling per hill should be done.
<i>Soybean</i>	Sowing stage		For better performance seed should be treated with rhizobium culture before sowing
<i>Brinjal</i>	Fruiting stage	Fruit and shoot borer	Frequent use of ash dust early in the morning on the crop reduces the incidence of shoot and fruit borer. This application hampered the egg laying of insects.
<i>Ginger</i>		Soft rot	Stagnation of water predisposes the plant to infection. Timely earthing up should be done and provide proper channels for drainage of water
<i>Chilli</i>	Vegetative stage	White flies	Yellow sticky traps coated with grease and sticky oils attract white flies. Spray NSKE – 4% (Neem seed kernel extract) – 4 kg Neem seed kernel in 100 liters of water
<i>Colocasia</i>			Weeding and earthing up should be done within 45 to 60 days after planting. Small inefficient suckers from the mother plants have to be removed along with the second weeding
<i>Tapioca</i>	For white flies spray neem oil 3%. Maintain proper sanitation. Timely remove infected/infested plant		
<i>Poultry</i>	<ul style="list-style-type: none"> • Cages and houses should be kept clean with droppings removed every week • Do not allow wet muddy areas to develop around water containers or anywhere else • Do not place young birds, especially under 3 months old, in runs where older birds have recently been kept as they may develop infection with coccidia. 		
<i>Piggery</i>	<ul style="list-style-type: none"> • During this season, try to keep the shelter waterproof and well ventilated as they do not sweat and can suffer greatly in extreme heat 		
<i>Fishery</i>	During extremely hot weather, check your pond regularly at sunrise for signs of stressed fish.		



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Date: 05.07.19		District: Mon		Bulletin No: 53/2019	
Weather of preceding week			Weather forecast valid upto 10.07.2019		
<ul style="list-style-type: none"> ▪ Moderate rain occurred the past week ▪ Max and min temperatures ranged 28^oC to 29^oC and 20^oC to 21^oC, respectively. ▪ Relative humidity varied from 59% to 90%. ▪ Wind speed ranged from 3 to 4 kmph 			<ul style="list-style-type: none"> ▪ Probability of moderate rain ▪ Max temp is likely to be 27^oC - 29^oC and min temp 18^oC to 19^oC ▪ Sky is likely to be cloudy the coming week ▪ Relative Humidity is likely to range from 82% to 94%. ▪ Wind speed may reach upto 3-5 kmph ▪ Wind may blow from south easterly direction <p>Weekly cumulative Rainfall: 40mm</p>		
<ul style="list-style-type: none"> • Frequent intercultural operation should be followed to remove the weeds and break the soil capillaries. • Use weeds and farm wastes as mulch in between the crop rows 					
Main crop	Growth Stage	Pest/Disease	Weather based Agro-Advisories		
<i>Jhum paddy</i>	Inflorescence stage	Stem borer	Maintain weed free field to reduce stem borer infestation. Daily monitoring of the field should be done and assess changes in plant health, pest status and crop damage and act quickly to prevent pests from spreading and causing further damage to crops.		
<i>TRC/WRC paddy</i>	Transplanted		Weeds cause most yield loss within the first 20–50 days after crop establishment. First weeding should be done within 2–3 weeks after establishment and the second in another 2–3 weeks.		
<i>Maize</i>	Maturity stage		Those plant which are still in flowering/maturity stage, Use bird scarer during flowering or maturity. Due to continuous rain, the plant may lodge. To save the crop, provide proper drainage in the field and timely earthing up should be done.		
<i>Colocasia</i>	Vegetative stage	Leaf blight	Monitoring should be done for leaf blight. When weather is cloudy, rainfall coupled with moderate temperature & high humidity, the epidemics of diseases is favoured.		
Cucurbitaceous	Vegetative stage	Powdery mildew	Destroy wild cucurbit plant and crop residues as it will reduce the incidence of powdery mildew.		
<i>Ground nut</i>	Sowing stage	Whitegrubs, nematodes, soil borne and leaf spots	Groundnut should be rotated with millet, paddy, maize as it will check the buildup of pests, white grubs, nematodes, soil borne diseases, leaf spots and also maintain soil fertility.		
<i>Soybean</i>	Sowing stage		Seeds should be treated with Captan or Bavistin @2g/kg to prevent infestation of diseases. Water logging is injurious to the crop so provide proper drainage in the field.		
<i>Poultry</i>	<ul style="list-style-type: none"> • Store animal feeds in clean and dry place to avoid fungus growth in feed. 				
<i>Piggery</i>	<ul style="list-style-type: none"> • Precaution should be taken against Japanese encephalitis, a mosquito borne disease. Avoid stagnant water in and around the sty, maintain proper hygienic condition. The sty should be kept dry and avoid dampness. 				
<i>Fishery</i>	<ul style="list-style-type: none"> • It is not advisable to start a culture if water cannot be retained at least for a minimum of 3 months. Low water level will lead to high temperature regimes in the pond which will add to the stress of the cultured organisms. 				



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Date: 05.07.19	District: Peren	Bulletin No: 53/2019
Weather of preceding week		Weather forecast valid upto 10.07.2019
<ul style="list-style-type: none"> ▪ Moderate rain occurred the past week ▪ Max and min temperatures ranged 28⁰C to 29⁰C and 20⁰C to 21⁰C, respectively. ▪ Relative humidity varied from 61% to 90%. ▪ Wind speed ranged from 2 to 3 kmph 		<ul style="list-style-type: none"> ▪ Probability of moderate rain ▪ Max temp is likely to be 27⁰C - 29⁰C and min temp 18⁰C to 20⁰C ▪ Sky is likely to be cloudy the coming week ▪ Relative Humidity is likely to range from 71% to 96%. ▪ Wind speed may reach upto 3-4 kmph ▪ Wind may blow from mostly southeasterly direction <p>Weekly cumulative Rainfall: 40mm</p>

WEATHER FORECAST BASED AGROMET ADVISORIES

Proper drainage should be maintained in the field to avoid water logging

Main crop	Growth Stage	Pest/Disease	Weather based Agro-Advisories
<i>Jhum paddy</i>	Tillering stage	Leaf folder	Clean sanitation measures should be followed and crop residues should be destroy in and around the field.
<i>TRC/WRC paddy</i>	Nursery/Land preparation		Prepare the main field for transplanting. Transplanting after 5th and higher order leaf numbers will affect the performance of the crop and grain yield. Transplant 2-3 seedlings/hill for short duration and 2 seedlings/hill for medium and long duration varieties
<i>Groundnut</i>	Sowing stage	Whitegrubs, nematodes, soil borne and leaf spots	Groundnut should be rotated with millet, paddy, maize as it will check the buildup of pests, white grubs, nematodes, soil borne diseases, leaf spots and also maintain soil fertility
<i>Naga king chilli</i>	Flowering stage	Aphids	In present weather conditions, rouging of viral infested crop should be done in chilli. Infected plants should be uprooted and buried in the soil.
<i>Okra</i>	Harvesting stage		Since the pods get matured very quickly, timely harvesting should be done
<i>Cucurbitaceous vegetable</i>	Vegetative stage	Beetle	Eradicate the disease infected plants Hand collect the grubs and beetles from the foliage
<i>Soybean</i>	Land preparation	Beetles, pathogens	Deep ploughing should be done to expose the resting stages of beetle, plant pathogens, rhizomes and bulbs of perennial weeds
<i>Poultry</i>	Surround the house with tall trees. Shades from tall trees and plantation around the sheds can reduce the radiant heat. The plantation of trees should be such that trees will be leafy during summer and bald during winter		
<i>Piggery</i>	<ul style="list-style-type: none"> • Vaccinate against FMD and CSF (Classical Swine Fever). • Provide multivitamins and minerals during stress periods (hot periods, farrowing periods etc). 		
<i>Fishery</i>	It is not advisable to start a culture if water cannot be retained at least for a minimum of 3 months. In case of impending water scarcity, low stocking density should be adopted. Low water level will lead to high temperature regimes in the ponds which will add to the stress of the cultured organisms. Fertilization and manuring should be avoided when there is acute water scarcity		



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Date: 05.07.19	District: Phek	Bulletin No: 53/2019
Weather of preceding week		Weather forecast valid upto 10.07.2019
<ul style="list-style-type: none"> ▪ Moderate rain occurred the past week ▪ Max and min temperatures ranged 26⁰C to 27⁰C and 18⁰C to 19⁰C, respectively. ▪ Relative humidity varied from 67% to 90%. ▪ Wind speed ranged from 3 to 4kmph 		<ul style="list-style-type: none"> ▪ Probability of heavy rain ▪ Max temp is likely to be 27⁰C - 28⁰C and min temp 18⁰C to 19⁰C ▪ Sky is likely to be cloudy the coming week ▪ Relative Humidity is likely to range from 69% to 95%. ▪ Wind speed may reach upto 3-4 kmph ▪ Wind may blow mostly southerly direction <p style="margin-left: 20px;">Weekly cumulative Rainfall: 65mm</p>

WEATHER FORECAST BASED AGROMET ADVISORIES

Main crop	Growth Stage	Pest/Disease	Weather based Agro-Advisories
<i>Jhum paddy</i>	Maximum Tillering stage	Stem borer	Maintain weed free field to reduce stem borer infestation
<i>TRC paddy</i>	Transplanting	Caseworm	Gap filling should be done within 7-10 days after planting Monitoring should be done against caseworm
<i>Maize</i>	Tasseling/Maturity stage	Bird	Use bird scarer during flowering or maturity. Due to continuous rain, the plant may lodge. To save the crop, provide proper drainage in the field and timely earthing up should be done
<i>Cucurbitaceous vegetable</i>	Flowering /fruiting stage	Fruit fly	Timely collect and destroy the infested fruits. Slightly rake the soil during fruiting time to expose the pupae from the soil Spray NSKE 5%
<i>Foxtail Millet</i>	Vegetative stage		Timely remove and destroy the disease affected plants to avoid spread of the disease.
<i>Soybean</i>	Vegetative stage	Hairy caterpillar	Regular scouting and destroying of infected plant parts should be done Timely collect and destroy the egg masses, feeding larvae of hairy caterpillar
<i>Ginger</i>	Vegetative stage	Soft rot	In the present weather, proper drainage channels should be provided, since stagnation of water predisposes the plant to infection.
<i>Poultry</i>	<ul style="list-style-type: none"> • Thatching of roof with paddy straw or sugar cane leaves will reduce temperature inside the shed • Increase frequency of watering. Provide Electral Energy (1-2 gm/liter) in water during hot hours 		
<i>Piggery</i>	<ul style="list-style-type: none"> • Provide multivitamins and minerals during stress periods (hot periods, farrowing periods etc). • During this season, stay ready to combat diarrhea with medication. 		
<i>Fishery</i>	Conduct inspection every morning, noon and evening to check fish activities and whether there are unusual changes caused by sudden weather changes. By keeping watch, problems can be detected early and prompt remedial actions can be taken		



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Date: 05.07.19		District: Tuensang		Bulletin No: 53/2019	
Weather of preceding week			Weather forecast valid upto 10.07.2019		
<ul style="list-style-type: none"> ▪ Moderate rain occurred the past week ▪ Max and min temperatures ranged 32⁰C to 36⁰C and 25⁰C to 26⁰C, respectively. ▪ Relative humidity varied from 60% to 94%. ▪ Wind speed ranged from 3 to 4kmph 			<ul style="list-style-type: none"> ▪ Probability of moderate to heavy rain ▪ Max temp is likely to be 30⁰C-31⁰C and min temp 24⁰C to 25⁰C ▪ Sky is likely to be cloudy the coming week ▪ Relative Humidity is likely to range from 71% to 94%. ▪ Wind speed may reach upto 3-4 kmph ▪ Wind may blow from southerly direction <p>Weekly cumulative Rainfall: 60mm</p>		
WEATHER FORECAST BASED AGROMET ADVISORIES					
Main crop	Growth Stage	Pest/Disease	Weather based Agro-Advisories		
<i>Jhum paddy</i>	Booting stage	Leaf folder Blast	To prevent the development of both leaf folder and blast , remove grass weeds from in and around the paddy fields		
<i>TRC/WRC paddy</i>	Transplanting		Replanting of dead hills should be done within 7-10 days of transplanting with seedlings of same age.		
<i>Maize</i>	Maturity/Harvesting stage	Bird	Use bird scarer for the control of birds Harvested ears should be dried in the sun before shelling.		
<i>Rajmash</i>	Harvesting stage		In the present weather, as rainfall is occurring daily harvesting should be done during clear skies		
<i>Cucurbitaceous vegetable</i>	Vegetative	Powdery mildew	Destroy wild cucurbit plant and crop residues as it will reduce the incidence of powdery mildew		
<i>Brinjal</i>	Vegetative	Fruit and shoot borer	Clip off the damaged shoots, and collect and destroy the damaged fruits timely as clean cultivation helps in managing the borer effectively.		
<i>King chilli</i>	Flowering / fruiting stage	Fruit rot	Spots on fruits usually sunken with black margins can be seen. Seed treatment should be done with Trichoderma (@10g/kg seed).		
<i>Colocasia</i>	Germination stage	Leaf blight	Monitoring should be done for leaf blight. When weather is cloudy, rainfall coupled with moderate temperature & high humidity, the epidemics of diseases is favoured.		
Poultry	<ul style="list-style-type: none"> • Surround the house with tall trees. Shades from tall trees and plantation around the sheds can reduce the radiant heat. The plantation of trees should be such that trees will be leafy during summer and bald during winter. • Shed design and construction should not allow direct sunlight on birds 				
Piggery	<ul style="list-style-type: none"> • Provide multivitamins and minerals during stress periods (hot periods, farrowing periods etc). • During this season, stay ready to combat diarrhea with medication. 				
Fishery	Conduct inspection every morning, noon and evening to check fish activities and whether there are unusual changes caused by sudden weather changes. By keeping watch, problems can be detected early and prompt remedial actions can be taken				



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Date: 05.07.19	District: Wokha	Bulletin No: 53/2019
Weather of preceding week		Weather forecast valid upto 10.07.2019
<ul style="list-style-type: none"> ▪ Moderate rain occurred the past week ▪ Max and min temperatures ranged 28⁰C to 29⁰C and 20⁰C to 21⁰C respectively. ▪ Relative humidity varied from 50% to 95%. ▪ Wind speed ranged from 3 to 4kmph 		<ul style="list-style-type: none"> ▪ Probability of moderate to heavy rain ▪ Max temp is likely to be 27⁰C-29⁰C and min temp 18⁰C to 19⁰C ▪ Sky is likely to be cloudy the coming week ▪ Relative Humidity is likely to range from 72% to 95%. ▪ Wind speed may reach upto 4-6 kmph ▪ Wind may blow from easterly direction <li style="background-color: #ffffcc;">▪ Weekly cumulative Rainfall: 40mm

WEATHER FORECAST BASED AGROMET ADVISORIES

Pits for fruit plantation should be ready by this month for planting (1x1x1) m³ pit size

Main crop	Growth Stage	Pest/Disease	Weather based Agro-Advisories
Jhum paddy	Tillering stage	Blast	Maintain field sanitation and adopt clean cultivation
TRC/WRC paddy	Transplanting	Yellow stem borer	If transplanting is in process, clip off the tip of seedling so as to reduce carryover of egg from nursery to main field, as the egg of stem borers are laid near the tip of the leaves
Maize	Harvesting stage		Depending on the purpose of the maize cultivation, maize crop can be harvested at other stages as well, for example - at late dough stage (about 5-6 week of after pollination) for green-cob purpose, and green fodder can be used for cattle feed
Brinjal	Fruiting stage	Fruit and shoot borer	<ul style="list-style-type: none"> • Clip off damaged shoots and early infested fruits at weekly interval. Need based foliar spray of NSKE (4%) • Frequent shallow cultivation should be done at regular intervals so as to keep the field free from weeds and to facilitate soil aeration and proper root development.
Ginger			Field hygiene is more important to manage the pests and diseases. Avoid water stagnation, provide adequate drainage, remove weeds periodically
Chilli	Vegetative stage	Leaf curl	Leaves become small in size, stunted, poor or no bearing of fruits. Uproot and burn infested plants
Colocasia			Weeding and earthing up should be done within 45 to 60 days after planting. Small inefficient suckers from the mother plants have to be removed along with the second weeding
Poultry	<ul style="list-style-type: none"> • Protect the birds from rain. • Keep the litter material dry. • Provide clean and fresh water. All waterers should be cleaned daily • Antibiotics or other stress medications may be added to water if desired and all waterers should be cleaned daily 		
Piggery	<ul style="list-style-type: none"> • During this season, try to keep the shelter waterproof and well ventilated as they do not sweat and can suffer greatly in extreme heat 		
Fishery	During extremely hot weather, check your pond regularly at sunrise for signs of stressed fish.		



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Date: 05.07.19	District: Zunheboto	Bulletin No: 53/2019
Weather of preceding week		Weather forecast valid upto 10.07.2019
<ul style="list-style-type: none"> ▪ Moderate rain occurred the past week ▪ Max and min temperatures ranged 30⁰C to 31⁰C and 22⁰C to 23⁰C, respectively. ▪ Relative humidity varied from 65% to 95%. ▪ Wind speed ranged from 4 to 5 kmph 		<ul style="list-style-type: none"> ▪ Probability of moderate rain ▪ Max temp is likely to be 27⁰C- 28⁰C and min temp 18⁰C to 19⁰C ▪ Sky is likely to be cloudy the coming week ▪ Relative Humidity is likely to range from 87% to 95%. ▪ Wind speed may reach upto 4-5kmph ▪ Wind may blow from south easterly direction <p>Weekly cumulative Rainfall: 40mm</p>

WEATHER FORECAST BASED AGROMET ADVISORIES

Pits for fruit plantation should be ready by this month for planting (1x1x1) m3 pit size

Main crop	Growth Stage	Pest/Disease	Weather based Agro-Advisories
<i>Jhum paddy</i>	Tillering stage	Blast	Maintain field sanitation and adopt clean cultivation
<i>TRC/WRC paddy</i>	Transplanting stage		Replanting of dead hills should be done within 7-10 days of transplanting with seedlings of same age.
<i>Maize</i>	Harvesting stage		Depending on the purpose of the maize cultivation, maize crop can be harvested at other stages as well, for example - at late dough stage (about 5-6 week of after pollination) for green-cob purpose, and green fodder can be used for cattle feed
<i>Brinjal</i>	Fruiting stage	Fruit and shoot borer	<ul style="list-style-type: none"> • Clip off damaged shoots and early infested fruits at weekly interval. Need based foliar spray of NSKE (4%) • Frequent shallow cultivation should be done at regular intervals so as to keep the field free from weeds and to facilitate soil aeration and proper root development.
<i>Ginger</i>			Field hygiene is more important to manage the pests and diseases. Avoid water stagnation, provide adequate drainage, remove weeds periodically
<i>Chilli</i>	Vegetative stage	Leaf curl	Leaves become small in size, stunted, poor or no bearing of fruits. Uproot and burn infested plants
<i>Colocasia</i>			Weeding and earthing up should be done within 45 to 60 days after planting. Small inefficient suckers from the mother plants have to be removed along with the second weeding
<i>Poultry</i>	<ul style="list-style-type: none"> • Protect the birds from rain. • Keep the litter material dry. • Provide clean and fresh water. All waterers should be cleaned daily • Antibiotics or other stress medications may be added to water if desired and all waterers should be cleaned daily 		
<i>Piggery</i>	<ul style="list-style-type: none"> • During this season, try to keep the shelter waterproof and well ventilated as they do not sweat and can suffer greatly in extreme heat 		
<i>Fishery</i>	During extremely hot weather, check your pond regularly at sunrise for signs of stressed fish.		