

Integrated Agromet Advisory Service Bulletin from 22nd to 26th July'17 Mokokchung District

Bulletin No:56/2017

Weather summary of the preceding week			Weather forecast valid upto 26 th July'17
<ul style="list-style-type: none"> Moderate rain occurred the past week Maximum and minimum temperatures ranged 29⁰C to 33⁰C and 20⁰C to 24⁰C, respectively. Relative humidity varied from 65% to 96%. Wind speed ranged from 1 to 2 kmph 			<ul style="list-style-type: none"> Probability of moderate rain the coming week. Max temp is likely to be 29⁰C - 31⁰C and the min temp 21⁰C to 22⁰C Sky is likely to be partly cloudy the coming week Relative Humidity is likely to range from 66% to 93%. Wind speed may reach upto 4- 6 kmph Wind direction will be easterly
Field crops			
Proper drainage should be maintained in the field.			
Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
Jhum paddy	Booting stage		Daily monitoring should be done for pest and diseases and try to manage it during the initial stage.
TRC/WRC paddy	Transplanting stage		In case some transplanted rice plants are washed away due to heavy rainfall, immediate gap filling can be undertaken. However, in case nurseries are not available, the farmers may go for direct sowing of rice using zero Till.
Kharif maize	Maturing stage	Stem borer	Provide proper drainage in the field
Green gram	Maturity stage		Good drainage may be given to manage soil borne root diseases
Horticultural crop			
Water logging in the field should be completely avoided since stagnation of water predisposes the plant to infection. Provide proper drainage and keep land free from weeds at all times. Collect the diseased material as and when the disease is noticed and burn them			
Citrus	Flowering to fruiting stage	Mealy bug	<ul style="list-style-type: none"> In citrus orchard, destroy the ant colonies (black ants) as they act as the carriers of mealy bug. The affected plants become pale, wilt and may die also. In heavily attacked plants, citrus fruits do not set. Timely weeding should be carried out
Okra	Fruiting to maturity stage	Yellow vein mosaic	<ul style="list-style-type: none"> Remove and burn the infected plants from the field Remove the unwanted weed host from the field If the infection is severe, spray imidacloprid at 1ml/lit of water
		Spotted bollworm	<ul style="list-style-type: none"> In the present weather condition, spotted bollworm will be seen. The infested fruits will have a varying number of holes. Remove regularly the attacked fruits and bury deep in the soil.

Cucurbits	Flowering to fruiting stage	Powdery mildew	<i>Remove the infected leaves</i>
		Stink bug	<i>Maintain proper sanitation as they are mostly found in weedy areas.</i>
			➤ <i>For trailing, dried twigs can be spread on the ground. Weeding should be done whenever necessary.</i>
Brinjal	Flowering to fruiting stage		➤ <i>Timely weeding and intercultural operation should be done.</i>
		Wilt	➤ <i>Remove and destroy the affected plant</i> ➤ <i>Proper drainage should be maintained in the field</i>
Naga king chilli	Flowering to fruiting stage	viral disease	➤ <i>Timely weeding and earthing up should be done</i> ➤ <i>Virus infected plants should be removed or uprooted and buried into the soil</i> ➤ <i>Daily monitoring should be done for insect pest and need based neem oil should be spray</i>
Fruit trees			<i>Maintain proper sanitation in and around the vicinity of the tree</i> <i>Prune trees immediately after harvesting. Grow seasonal crops in inter spaces.</i>
Ginger / turmeric	Vegetative stage	-	<i>Timely earthing up and weeding/hoeing should be done. Mulch the plant with dry leaves and straw</i>
Livestock			
Flood affected areas generally experience out-break of human and animal diseases. Vaccination of animals should be done against out-break of major diseases. Provide clean and cool drinking water to the animals			
Poultry	<ul style="list-style-type: none">• Trees should be planted near shed to provide shade as well as cool breeze.• Prevent water logging near poultry sheds to prevent mosquito breeding.• Make sure that the birds stay warm and cool.• On very sunny and humid days provide electrolytes to replenish their lost nutrients		
Piggery	<ul style="list-style-type: none">• Deworm piglets and adult animals on time• Vaccinate against FMD and CSF (Classical Swine Fever)• Provide multivitamins and minerals during stress periods (hot periods, farrowing periods etc)• During this season, stay ready to combat diarrhoea with medication		
Fisheries			



Conduct inspection every morning, noon and evening to check fish activities, fish appetite, whether there is residual fish feed in the pond, whether the fish come to the surface to breathe 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

SCIENTIFIC EXPERT COMMITTEE


Sl.no	Name	Designation	Department	
1	Dr.D.J. Rajkhowa	Principle Scientist	Agronomy	djrajkhowa@gmail.com
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4	Dr. Rajesha G	Scientist	Plant Pathology	rajeshag337@gmail.com
5	Dr. Mahak Singh	Scientist	Animal Reproduction & Gynaecology	mahaksinghivri@gmail.com
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Integrated Agromet Advisory Service Bulletin from 22nd to 26th July'17 Mon District

Bulletin No:56/2017

Weather summary of the preceding week			Weather forecast valid upto 26 th July'17
<ul style="list-style-type: none"> Moderate rain occurred the past week Maximum and minimum temperatures ranged 27^oC to 34^oC and 21^oC to 24^oC, respectively. Relative humidity varied from 57% to 94% Wind speed ranged from 1 to 2 kmph 			<ul style="list-style-type: none"> Probability of moderate rain the coming week. Max temp is likely to be 32^oC - 33^oC and the min temp 23^oC to 24^oC Sky is likely to be partly cloudy the coming week Relative Humidity is likely to range from 63% to 94%. Wind speed may reach upto 2- 4 kmph Wind direction will be mostly southeasterly
Field crops			
Proper drainage should be maintained in the field.			
Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
Jhum paddy	Booting stage		Daily monitoring should be done for pest and diseases and try to manage it during the initial stage.
TRC/WRC paddy	Transplanting stage		In case some transplanted rice plants are washed away due to heavy rainfall, immediate gap filling can be undertaken. However, in case nurseries are not available, the farmers may go for direct sowing of rice using zero Till.
Kharif maize	Maturing stage	Stem borer	Provide proper drainage in the field
Green gram	Maturity stage		Good drainage may be given to manage soil borne root diseases
Horticultural crop			
Water logging in the field should be completely avoided since stagnation of water predisposes the plant to infection. Provide proper drainage and keep land free from weeds at all times. Collect the diseased material as and when the disease is noticed and burn them			
Citrus	Flowering to fruiting stage	Mealy bug	<ul style="list-style-type: none"> In citrus orchard, destroy the ant colonies (black ants) as they act as the carriers of mealy bug. The affected plants become pale, wilt and may die also. In heavily attacked plants, citrus fruits do not set. Timely weeding should be carried out
Okra	Fruiting to maturity stage	Yellow vein mosaic	<ul style="list-style-type: none"> Remove and burn the infected plants from the field Remove the unwanted weed host from the field If the infection is severe, spray imidacloprid at 1ml/lit of water
		Spotted bollworm	<ul style="list-style-type: none"> In the present weather condition, spotted bollworm will be seen. The infested fruits will have a varying number of holes. Remove regularly the attacked fruits and bury deep in the soil.

	Cucurbits	Flowering to fruiting stage	Powdery mildew	<i>Remove the infected leaves</i>
			Stink bug	<i>Maintain proper sanitation as they are mostly found in weedy areas.</i>
				<i>➤ For trailing, dried twigs can be spread on the ground. Weeding should be done whenever necessary.</i>
	Brinjal	Flowering to fruiting stage		<i>➤ Timely weeding and intercultural operation should be done.</i>
			Wilt	<i>➤ Remove and destroy the affected plant ➤ Proper drainage should be maintained in the field</i>
	Naga king chilli	Flowering to fruiting stage	viral disease	<i>➤ Timely weeding and earthing up should be done ➤ Virus infected plants should be removed or uprooted and buried into the soil ➤ Daily monitoring should be done for insect pest and need based neem oil should be spray</i>
	Fruit trees			<i>Maintain proper sanitation in and around the vicinity of the tree Prune trees immediately after harvesting. Grow seasonal crops in inter spaces.</i>
	Ginger / turmeric	Vegetative stage	-	<i>Timely earthing up and weeding/hoeing should be done. Mulch the plant with dry leaves and straw</i>
	Livestock			
	Flood affected areas generally experience out-break of human and animal diseases. Vaccination of animals should be done against out-break of major diseases. Provide clean and cool drinking water to the animals			
	Poultry	<ul style="list-style-type: none">• Trees should be planted near shed to provide shade as well as cool breeze.• Prevent water logging near poultry sheds to prevent mosquito breeding.• Make sure that the birds stay warm and cool.• On very sunny and humid days provide electrolytes to replenish their lost nutrients		
Piggery	<ul style="list-style-type: none">• Deworm piglets and adult animals on time• Vaccinate against FMD and CSF (Classical Swine Fever)• Provide multivitamins and minerals during stress periods (hot periods, farrowing periods etc)• During this season, stay ready to combat diarrhoea with medication			
Fisheries				
		Conduct inspection every morning, noon and evening to check fish activities, fish appetite, whether there is residual fish feed in the pond, whether the fish come to the surface to breathe 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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Integrated Agromet Advisory Service Bulletin from 22nd to 26th July'17 Peren District

Bulletin No:56/2017

Weather summary of the preceding week		Weather forecast valid upto 26 th July'17	
<ul style="list-style-type: none">▪ Moderate rain occurred the past week▪ Maximum and minimum temperatures ranged 29⁰C to 32⁰C and 21⁰C to 25⁰C, respectively.▪ Relative humidity varied from 45% to 95%.▪ Wind speed ranged from 1 to 2 kmph		<ul style="list-style-type: none">▪ Probability of moderate rain the coming week.▪ Max temp is likely to be 31⁰C - 32⁰C and the min temp 23⁰C to 24⁰C▪ Sky is likely to be partly cloudy the coming week▪ Relative Humidity is likely to range from 63% to 96%.▪ Wind speed may reach upto 1- 2 kmph▪ Wind direction will be mostly southeasterly	
Field crops Proper drainage should be maintained in the field.			
Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
<i>Jhum paddy</i>	Booting stage		<i>Daily monitoring should be done for pest and diseases and try to manage it during the initial stage.</i>
<i>TRC/WRC paddy</i>	Transplanting stage		<i>In case some transplanted rice plants are washed away due to heavy rainfall, immediate gap filling can be undertaken. However, in case nurseries are not available, the farmers may go for direct sowing of rice using zero Till.</i>
<i>Kharif maize</i>	Maturing stage	Stem borer	<i>Provide proper drainage in the field</i>
<i>Green gram</i>	Maturity stage		<i>Good drainage may be given to manage soil borne root diseases</i>
Horticultural crop Water logging in the field should be completely avoided since stagnation of water predisposes the plant to infection. Provide proper drainage and keep land free from weeds at all times. Collect the diseased material as and when the disease is noticed and burn them			
<i>Citrus</i>	Flowering to fruiting stage	Mealy bug	<ul style="list-style-type: none">➤ <i>In citrus orchard, destroy the ant colonies (black ants) as they act as the carriers of mealy bug. The affected plants become pale, wilt and may die also. In heavily attacked plants, citrus fruits do not set.</i>➤ <i>Timely weeding should be carried out</i>
<i>Okra</i>	Fruiting to maturity stage	Yellow vein mosaic	<ul style="list-style-type: none">➤ <i>Remove and burn the infected plants from the field</i>➤ <i>Remove the unwanted weed host from the field</i>➤ <i>If the infection is severe, spray imidacloprid at 1ml/lit of water</i>

			Spotted bollworm	<ul style="list-style-type: none"> ➤ In the present weather condition, spotted bollworm will be seen. The infested fruits will have a varying number of holes. ➤ Remove regularly the attacked fruits and bury deep in the soil.
	Cucurbits	Flowering to fruiting stage	Powdery mildew	Remove the infected leaves
			Stink bug	Maintain proper sanitation as they are mostly found in weedy areas.
				<ul style="list-style-type: none"> ➤ For trailing, dried twigs can be spread on the ground. Weeding should be done whenever necessary.
	Brinjal	Flowering to fruiting stage		<ul style="list-style-type: none"> ➤ Timely weeding and intercultural operation should be done.
			Wilt	<ul style="list-style-type: none"> ➤ Remove and destroy the affected plant ➤ Proper drainage should be maintained in the field
	Naga king chilli	Flowering to fruiting stage	viral disease	<ul style="list-style-type: none"> ➤ Timely weeding and earthing up should be done ➤ Virus infected plants should be removed or uprooted and buried into the soil ➤ Daily monitoring should be done for insect pest and need based neem oil should be spray
	Fruit trees			<p>Maintain proper sanitation in and around the vicinity of the tree</p> <p>Prune trees immediately after harvesting. Grow seasonal crops in inter spaces.</p>
	Ginger / turmeric	Vegetative stage	-	Timely earthing up and weeding/hoeing should be done. Mulch the plant with dry leaves and straw
	<p style="text-align: center;">Livestock</p> <p>Flood affected areas generally experience out-break of human and animal diseases. Vaccination of animals should be done against out-break of major diseases. Provide clean and cool drinking water to the animals</p>			
	Poultry	<ul style="list-style-type: none"> • Trees should be planted near shed to provide shade as well as cool breeze. • Prevent water logging near poultry sheds to prevent mosquito breeding. • Make sure that the birds stay warm and cool. • On very sunny and humid days provide electrolytes to replenish their lost nutrients 		
	Piggery	<ul style="list-style-type: none"> • Deworm piglets and adult animals on time • Vaccinate against FMD and CSF (Classical Swine Fever) • Provide multivitamins and minerals during stress periods (hot periods, farrowing periods etc) • During this season, stay ready to combat diarrhoea with medication 		



	<i>Fisheries</i>
	Conduct inspection every morning, noon and evening to check fish activities, fish appetite, whether there is residual fish feed in the pond, whether the fish come to the surface to breathe 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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Integrated Agromet Advisory Service Bulletin from 22nd to 26th July'17 Phek District

Bulletin No:56/2017

<i>Weather summary of the preceding week</i>			<i>Weather forecast valid upto 26th July'17</i>
<ul style="list-style-type: none"> Moderate rain occurred the past week Maximum and minimum temperatures ranged 28⁰C to 32⁰C and 20⁰C to 23⁰C, respectively. Relative humidity varied from 45% to 95%. Wind speed ranged from 1 to 2 kmph 			<ul style="list-style-type: none"> Probability of moderate rain the coming week. Max temp is likely to be 23⁰C - 25⁰C and the min temp 20⁰C to 21⁰C Sky is likely to be partly cloudy the coming week Relative Humidity is likely to range from 71% to 95%. Wind speed may reach upto 3- 4 kmph Wind direction will be mostly southeasterly
Field crops Proper drainage should be maintained in the field.			
Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
<i>Jhum paddy</i>	Booting stage		<i>Daily monitoring should be done for pest and diseases and try to manage it during the initial stage.</i>
<i>TRC/WRC paddy</i>	Transplanting stage		<i>In case some transplanted rice plants are washed away due to heavy rainfall, immediate gap filling can be undertaken. However, in case nurseries are not available, the farmers may go for direct sowing of rice using zero Till.</i>
<i>Kharif maize</i>	Maturing stage	Stem borer	<i>Provide proper drainage in the field</i>
<i>Green gram</i>	Maturity stage		<i>Good drainage may be given to manage soil borne root diseases</i>
Horticultural crop Water logging in the field should be completely avoided since stagnation of water predisposes the plant to infection. Provide proper drainage and keep land free from weeds at all times. Collect the diseased material as and when the disease is noticed and burn them			
<i>Citrus</i>	Flowering to fruiting stage	Mealy bug	<ul style="list-style-type: none"> ➤ <i>In citrus orchard, destroy the ant colonies (black ants) as they act as the carriers of mealy bug. The affected plants become pale, wilt and may die also. In heavily attacked plants, citrus fruits do not set.</i> ➤ <i>Timely weeding should be carried out</i>

	Okra	Fruiting to maturity stage	Yellow vein mosaic	<ul style="list-style-type: none"> ➤ Remove and burn the infected plants from the field ➤ Remove the unwanted weed host from the field ➤ If the infection is severe, spray imidacloprid at 1ml/lit of water
			Spotted bollworm	<ul style="list-style-type: none"> ➤ In the present weather condition, spotted bollworm will be seen. The infested fruits will have a varying number of holes. ➤ Remove regularly the attacked fruits and bury deep in the soil.
	Cucurbits	Flowering to fruiting stage	Powdery mildew	Remove the infected leaves
			Stink bug	Maintain proper sanitation as they are mostly found in weedy areas.
				<ul style="list-style-type: none"> ➤ For trailing, dried twigs can be spread on the ground. Weeding should be done whenever necessary.
	Brinjal	Flowering to fruiting stage		<ul style="list-style-type: none"> ➤ Timely weeding and intercultural operation should be done.
			Wilt	<ul style="list-style-type: none"> ➤ Remove and destroy the affected plant ➤ Proper drainage should be maintained in the field
	Naga king chilli	Flowering to fruiting stage	viral disease	<ul style="list-style-type: none"> ➤ Timely weeding and earthing up should be done ➤ Virus infected plants should be removed or uprooted and buried into the soil ➤ Daily monitoring should be done for insect pest and need based neem oil should be spray
	Fruit trees			Maintain proper sanitation in and around the vicinity of the tree Prune trees immediately after harvesting. Grow seasonal crops in inter spaces.
	Ginger / turmeric	Vegetative stage	-	Timely earthing up and weeding/hoeing should be done. Mulch the plant with dry leaves and straw
	<p style="text-align: center;">Livestock</p> <p>Flood affected areas generally experience out-break of human and animal diseases. Vaccination of animals should be done against out-break of major diseases. Provide clean and cool drinking water to the animals</p>			
	Poultry	<ul style="list-style-type: none"> • Trees should be planted near shed to provide shade as well as cool breeze. • Prevent water logging near poultry sheds to prevent mosquito breeding. • Make sure that the birds stay warm and cool. • On very sunny and humid days provide electrolytes to replenish their lost nutrients 		
	Piggery	<ul style="list-style-type: none"> • Deworm piglets and adult animals on time 		

		<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) • During this season, stay ready to combat diarrhoea with medication
		<i>Fisheries</i>
		Conduct inspection every morning, noon and evening to check fish activities, fish appetite, whether there is residual fish feed in the pond, whether the fish come to the surface to breathe 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

SCIENTIFIC EXPERT COMMITTEE

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Integrated Agromet Advisory Service Bulletin from 22nd to 26th July'17 Tuensang District

Bulletin No:56/2017

Weather summary of the preceding week

- Moderate rain occurred the past week
- Maximum and minimum temperatures ranged 28⁰C to 32⁰C and 22⁰C to 24⁰C, respectively.
- Relative humidity varied from 51% to 95%.
- Wind speed ranged from 1 to 2 kmph

Weather forecast valid upto 26th July'17

- Probability of moderate rain the coming week.
- **Max temp** is likely to be 29⁰C - 31⁰C and the **min temp** 22⁰C to 23⁰C
- **Sky is likely to be partly cloudy** the coming week
- **Relative Humidity** is likely to range from 70% to 96%.
- **Wind speed** may reach upto 2 - 3 kmph
- **Wind direction** will be mostly southeasterly

Field crops

Proper drainage should be maintained in the field.


Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
<i>Jhum paddy</i>	Tillering stage	Blast	<i>If the infection is severe, spray tricyclazole 0.1% at 12-15 days interval</i>
<i>TRC/WRC paddy</i>	Transplanting stage		<i>In case some transplanted rice plants are washed away due to heavy rainfall, immediate gap filling can be undertaken. However, in case nurseries are not available, the farmers may go for direct sowing of rice using zero Till.</i>
<i>Kharif maize</i>	Maturing stage	Stem borer	<i>Provide proper drainage in the field</i>
<i>Green gram</i>	Maturity stage		<i>Good drainage may be given to manage soil borne root diseases</i>

Horticultural crop

Water logging in the field should be completely avoided since stagnation of water predisposes the plant to infection. Provide proper drainage and keep land free from weeds at all times. Collect the diseased material as and when the disease is noticed and burn them

<i>Citrus</i>	Flowering to fruiting stage	Mealy bug	<ul style="list-style-type: none"> ➤ <i>In citrus orchard, destroy the ant colonies (black ants) as they act as the carriers of mealy bug. The affected plants become pale, wilt and may die also. In heavily attacked plants, citrus fruits do not set.</i> ➤ <i>Timely weeding should be carried out</i>
<i>Okra</i>	Fruiting to maturity stage	Yellow vein mosaic	<ul style="list-style-type: none"> ➤ <i>Remove and burn the infected plants from the field</i> ➤ <i>Remove the unwanted weed host from the field</i> ➤ <i>If the infection is severe, spray imidacloprid at 1ml/lit of water</i>
		Spotted	<ul style="list-style-type: none"> ➤ <i>In the present weather condition, spotted bollworm will be seen. The infested fruits will have a varying number of holes.</i>

			bollworm	➤ Remove regularly the attacked fruits and bury deep in the soil.
	Cucurbits	Flowering to fruiting stage	Powdery mildew	Remove the infected leaves
			Stink bug	Maintain proper sanitation as they are mostly found in weedy areas.
				➤ For trailing, dried twigs can be spread on the ground. Weeding should be done whenever necessary.
	Brinjal	Flowering to fruiting stage		➤ Timely weeding and intercultural operation should be done.
			Wilt	➤ Remove and destroy the affected plant ➤ Proper drainage should be maintained in the field
	Naga king chilli	Flowering to fruiting stage	viral disease	➤ Timely weeding and earthing up should be done ➤ Virus infected plants should be removed or uprooted and buried into the soil ➤ Daily monitoring should be done for insect pest and need based neem oil should be spray
	Fruit trees			Maintain proper sanitation in and around the vicinity of the tree Prune trees immediately after harvesting. Grow seasonal crops in inter spaces.
	Ginger / turmeric	Vegetative stage	-	Timely earthing up and weeding/hoeing should be done. Mulch the plant with dry leaves and straw
	<p style="text-align: center;">Livestock</p> <p>Flood affected areas generally experience out-break of human and animal diseases. Vaccination of animals should be done against out-break of major diseases. Provide clean and cool drinking water to the animals</p>			
	Poultry	<ul style="list-style-type: none"> • Trees should be planted near shed to provide shade as well as cool breeze. • Prevent water logging near poultry sheds to prevent mosquito breeding. • Make sure that the birds stay warm and cool. • On very sunny and humid days provide electrolytes to replenish their lost nutrients 		
	Piggery	<ul style="list-style-type: none"> • Deworm piglets and adult animals on time • Vaccinate against FMD and CSF (Classical Swine Fever) • Provide multivitamins and minerals during stress periods (hot periods, farrowing periods etc) • During this season, stay ready to combat diarrhoea with medication 		
		Fisheries		

		<p>Conduct inspection every morning, noon and evening to check fish activities, fish appetite, whether there is residual fish feed in the pond, whether the fish come to the surface to breathe 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</p>
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Integrated Agromet Advisory Service Bulletin from 22nd to 26th July'17 Wokha District

Bulletin No:56/2017

Weather summary of the preceding week		Weather forecast valid upto 26 th July'17	
<ul style="list-style-type: none">▪ Moderate rain occurred the past week▪ Maximum and minimum temperatures ranged 28⁰C to 32⁰C and 19⁰C to 23⁰C, respectively.▪ Relative humidity varied from 47% to 94%.▪ Wind speed ranged from 2 to 4 kmph		<ul style="list-style-type: none">▪ Probability of light rain the coming week.▪ Max temp is likely to be 25⁰C - 26⁰C and the min temp 19⁰C to 20⁰C▪ Sky is likely to be mainly cloudy the coming week▪ Relative Humidity is likely to range from 69% to 94%.▪ Wind speed may reach upto 3- 4 kmph▪ Wind direction will be mostly southeasterly	
Field crops			
Proper drainage should be maintained in the field.			
Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
<i>Jhum paddy</i>	Booting stage		<i>Daily monitoring should be done for pest and diseases and try to manage it during the initial stage.</i>
<i>TRC/WRC paddy</i>	Transplanting stage		<i>In case some transplanted rice plants are washed away due to heavy rainfall, immediate gap filling can be undertaken. However, in case nurseries are not available, the farmers may go for direct sowing of rice using zero Till.</i>
<i>Kharif maize</i>	Maturing stage	Stem borer	<i>Provide proper drainage in the field</i>
<i>Green gram</i>	Maturity stage		<i>Good drainage may be given to manage soil borne root diseases</i>
Horticultural crop			
Water logging in the field should be completely avoided since stagnation of water predisposes the plant to infection. Provide proper drainage and keep land free from weeds at all times. Collect the diseased material as and when the disease is noticed and burn them			
<i>Citrus</i>	Flowering to fruiting stage	Mealy bug	<ul style="list-style-type: none">➤ <i>In citrus orchard, destroy the ant colonies (black ants) as they act as the carriers of mealy bug. The affected plants become pale, wilt and may die also. In heavily attacked plants, citrus fruits do not set.</i>➤ <i>Timely weeding should be carried out</i>
<i>Okra</i>	Fruiting to maturity stage	Yellow vein mosaic	<ul style="list-style-type: none">➤ <i>Remove and burn the infected plants from the field</i>➤ <i>Remove the unwanted weed host from the field</i>➤ <i>If the infection is severe, spray imidacloprid at 1ml/lit of water</i>

			Spotted bollworm	<p>➤ <i>In the present weather condition, spotted bollworm will be seen. The infested fruits will have a varying number of holes. Remove regularly the attacked fruits and bury deep in the soil.</i></p>
	Cucurbits	Flowering to fruiting stage	Powdery mildew	<i>Remove the infected leaves</i>
			Stink bug	<i>Maintain proper sanitation as they are mostly found in weedy areas.</i>
				<p>➤ <i>For trailing, dried twigs can be spread on the ground. Weeding should be done whenever necessary.</i></p>
	Brinjal	Flowering to fruiting stage		<p>➤ <i>Timely weeding and intercultural operation should be done.</i></p>
			Wilt	<p>➤ <i>Remove and destroy the affected plant</i> ➤ <i>Proper drainage should be maintained in the field</i></p>
	Naga king chilli	Flowering to fruiting stage	viral disease	<p>➤ <i>Timely weeding and earthing up should be done</i> ➤ <i>Virus infected plants should be removed or uprooted and buried into the soil</i> ➤ <i>Daily monitoring should be done for insect pest and need based neem oil should be spray</i></p>
	Fruit trees			<p><i>Maintain proper sanitation in and around the vicinity of the tree</i> <i>Prune trees immediately after harvesting. Grow seasonal crops in inter spaces.</i></p>
	Ginger / turmeric	Vegetative stage	-	<i>Timely earthing up and weeding/hoeing should be done. Mulch the plant with dry leaves and straw</i>
	<p style="text-align: center;">Livestock</p> <p>Flood affected areas generally experience out-break of human and animal diseases. Vaccination of animals should be done against out-break of major diseases. Provide clean and cool drinking water to the animals</p>			
	Poultry	<ul style="list-style-type: none"> • Trees should be planted near shed to provide shade as well as cool breeze. • Prevent water logging near poultry sheds to prevent mosquito breeding. • Make sure that the birds stay warm and cool. • On very sunny and humid days provide electrolytes to replenish their lost nutrients 		
	Piggery	<ul style="list-style-type: none"> • Deworm piglets and adult animals on time • Vaccinate against FMD and CSF (Classical Swine Fever) • Provide multivitamins and minerals during stress periods (hot periods, farrowing periods etc) 		

	<ul style="list-style-type: none"> During this season, stay ready to combat diarrhoea with medication
	<i>Fisheries</i>
	Conduct inspection every morning, noon and evening to check fish activities, fish appetite, whether there is residual fish feed in the pond, whether the fish come to the surface to breathe 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

SCIENTIFIC EXPERT COMMITTEE

Sl.no	Name	Designation	Department	
1	Dr.D.J. Rajkhowa	Principle Scientist	Agronomy	djrajkhowa@gmail.com
2	Dr. L.K. Baishya	Senior Scientist	Agronomy	lkbicar@gmail.com
3	Ph. Romen Sharma	Scientist	Agricultural Extension	romen.agext@gmail.com
4	Dr. Rajesha G	Scientist	Plant Pathology	rajeshag337@gmail.com
5	Dr. Mahak Singh	Scientist	Animal Reproduction & Gynaecology	mahaksinghivri@gmail.com
6	Dr. Azeze Seyie	Scientist	Spices, Plantation & Medicinal & Aromatic Plants	azezeseyie@yahoo.com
7	Jyotish Barman	Scientist	Fisheries Resource Management	jyotish5@gmail.com
8	Aabon W Yanthan	Scientist	Vegetable Science	aabon.iari@gmail.com



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Integrated Agromet Advisory Service Bulletin from 22nd to 26th July'17 Zunheboto District

Bulletin No:56/2017

Weather summary of the preceding week

- Moderate rain occurred the past week
- Maximum and minimum temperatures ranged 29^oC to 33^oC and 21^oC to 24^oC, respectively.
- Relative humidity varied from 49% to 95%.
- Wind speed ranged from 1 to 2 kmph

Weather forecast valid upto 26th July'17

- Probability of moderate rain the coming week.
- **Max temp** is likely to be 28^oC - 31^oC and the **min temp** 23^oC to 24^oC
- **Sky is likely to be partly cloudy** the coming week
- **Relative Humidity** is likely to range from 70% to 94%.
- **Wind speed** may reach upto 4- 5 kmph
- **Wind direction** will be mostly southeasterly

Field crops

Proper drainage should be maintained in the field.

Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
<i>Jhum paddy</i>	Booting stage		<i>Daily monitoring should be done for pest and diseases and try to manage it during the initial stage.</i>
<i>TRC/WRC paddy</i>	Transplanting stage		<i>In case some transplanted rice plants are washed away due to heavy rainfall, immediate gap filling can be undertaken. However, in case nurseries are not available, the farmers may go for direct sowing of rice using zero Till.</i>
<i>Kharif maize</i>	Maturing stage	Stem borer	<i>Provide proper drainage in the field</i>
<i>Green gram</i>	Maturity stage		<i>Good drainage may be given to manage soil borne root diseases</i>

Horticultural crop

Water logging in the field should be completely avoided since stagnation of water predisposes the plant to infection. Provide proper drainage and keep land free from weeds at all times. Collect the diseased material as and when the disease is noticed and burn them

<i>Citrus</i>	Flowering to fruiting stage	Mealy bug	<ul style="list-style-type: none"> ➤ <i>In citrus orchard, destroy the ant colonies (black ants) as they act as the carriers of mealy bug. The affected plants become pale, wilt and may die also. In heavily attacked plants, citrus fruits do not set.</i> ➤ <i>Timely weeding should be carried out</i>
<i>Okra</i>	Fruiting to maturity stage	Yellow vein mosaic	<ul style="list-style-type: none"> ➤ <i>Remove and burn the infected plants from the field</i> ➤ <i>Remove the unwanted weed host from the field</i> ➤ <i>If the infection is severe, spray imidacloprid at 1ml/lit of water</i>

			Spotted bollworm	➤ <i>In the present weather condition, spotted bollworm will be seen. The infested fruits will have a varying number of holes. Remove regularly the attacked fruits and bury deep in the soil.</i>
	Cucurbits	Flowering to fruiting stage	Powdery mildew	<i>Remove the infected leaves</i>
			Stink bug	<i>Maintain proper sanitation as they are mostly found in weedy areas.</i>
				➤ <i>For trailing, dried twigs can be spread on the ground. Weeding should be done whenever necessary.</i>
	Brinjal	Flowering to fruiting stage		➤ <i>Timely weeding and intercultural operation should be done.</i>
			Wilt	➤ <i>Remove and destroy the affected plant</i> ➤ <i>Proper drainage should be maintained in the field</i>
	Naga king chilli	Flowering to fruiting stage	viral disease	➤ <i>Timely weeding and earthing up should be done</i> ➤ <i>Virus infected plants should be removed or uprooted and buried into the soil</i> ➤ <i>Daily monitoring should be done for insect pest and need based neem oil should be spray</i>
	Fruit trees			<i>Maintain proper sanitation in and around the vicinity of the tree</i> <i>Prune trees immediately after harvesting. Grow seasonal crops in inter spaces.</i>
	Ginger / turmeric	Vegetative stage	-	<i>Timely earthing up and weeding/hoeing should be done. Mulch the plant with dry leaves and straw</i>
	Livestock			
	Flood affected areas generally experience out-break of human and animal diseases. Vaccination of animals should be done against out-break of major diseases. Provide clean and cool drinking water to the animals			
	Poultry	<ul style="list-style-type: none">• Trees should be planted near shed to provide shade as well as cool breeze.• Prevent water logging near poultry sheds to prevent mosquito breeding.• Make sure that the birds stay warm and cool.• On very sunny and humid days provide electrolytes to replenish their lost nutrients		
Piggery	<ul style="list-style-type: none">• Deworm piglets and adult animals on time• Vaccinate against FMD and CSF (Classical Swine Fever)• Provide multivitamins and minerals during stress periods (hot periods, farrowing periods etc)• During this season, stay ready to combat diarrhoea with medication			
	Fisheries			



Conduct inspection every morning, noon and evening to check fish activities, fish appetite, whether there is residual fish feed in the pond, whether the fish come to the surface to breathe 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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7	Jyotish Barman	Scientist	Fisheries Resource Management	jyotish5@gmail.com
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Integrated Agromet Advisory Service Bulletin from 22nd to 26th July'17

Dimapur District

Bulletin No:56/2017

Weather summary of the preceding week			Weather forecast valid upto 26 th July'17
<ul style="list-style-type: none"> Moderate rain occurred the past week Maximum and minimum temperatures ranged 25⁰C to 34⁰C and 23⁰C to 25⁰C, respectively. Relative humidity varied from 52% to 96%. Wind speed ranged from 1 to 2 kmph 			<ul style="list-style-type: none"> Probability of light rain the coming week. Max temp is likely to be 32⁰C - 33⁰C and the min temp 24⁰C to 25⁰C Sky is likely to be partly cloudy the coming week Relative Humidity is likely to range from 63% to 95%. Wind speed may reach upto 2- 4 kmph Wind direction will be mostly southeasterly
Field crops			
Proper drainage should be maintained in the field.			
Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
<i>Jhum paddy</i>	Booting stage		<i>Daily monitoring should be done for pest and diseases and try to manage it during the initial stage.</i>
<i>TRC/WRC paddy</i>	Transplanting stage		<i>In case some transplanted rice plants are washed away due to heavy rainfall, immediate gap filling can be undertaken. However, in case nurseries are not available, the farmers may go for direct sowing of rice using zero Till.</i>
<i>Kharif maize</i>	Maturing stage	Stem borer	<i>Provide proper drainage in the field</i>
<i>Green gram</i>	Maturity stage		<i>Good drainage may be given to manage soil borne root diseases</i>
Horticultural crop			
Water logging in the field should be completely avoided since stagnation of water predisposes the plant to infection. Provide proper drainage and keep land free from weeds at all times. Collect the diseased material as and when the disease is noticed and burn them			
<i>Citrus</i>	Flowering to fruiting stage	Mealy bug	<ul style="list-style-type: none"> ➤ <i>In citrus orchard, destroy the ant colonies (black ants) as they act as the carriers of mealy bug. The affected plants become pale, wilt and may die also. In heavily attacked plants, citrus fruits do not set.</i> ➤ <i>Timely weeding should be carried out</i>
<i>Okra</i>	Fruiting to maturity stage	Yellow vein mosaic	<ul style="list-style-type: none"> ➤ <i>Remove and burn the infected plants from the field</i> ➤ <i>Remove the unwanted weed host from the field</i> ➤ <i>If the infection is severe, spray imidacloprid at 1ml/lit of water</i>
		Spotted bollworm	<ul style="list-style-type: none"> ➤ <i>In the present weather condition, spotted bollworm will be seen. The infested fruits will have a varying number of holes. Remove regularly the attacked fruits and bury deep in the soil.</i>

	Cucurbits	Flowering to fruiting stage	Powdery mildew	<i>Remove the infected leaves</i>
			Stink bug	➤ <i>Maintain proper sanitation as they are mostly found in weedy areas.</i>
				➤ <i>For trailing, dried twigs can be spread on the ground. Weeding should be done whenever necessary.</i>
	Brinjal	Flowering to fruiting stage		➤ <i>Timely weeding and intercultural operation should be done.</i>
			Wilt	➤ <i>Remove and destroy the affected plant</i> ➤ <i>Proper drainage should be maintained in the field</i>
	Naga king chilli	Flowering to fruiting stage	viral disease	➤ <i>Timely weeding and earthing up should be done</i> ➤ <i>Virus infected plants should be removed or uprooted and buried into the soil</i> ➤ <i>Daily monitoring should be done for insect pest and need based neem oil should be spray</i>
	Fruit trees			<i>Maintain proper sanitation in and around the vicinity of the tree</i> <i>Prune trees immediately after harvesting. Grow seasonal crops in inter spaces.</i>
	Ginger / turmeric	Vegetative stage	-	<i>Timely earthing up and weeding/hoeing should be done. Mulch the plant with dry leaves and straw</i>
	Livestock			
	Flood affected areas generally experience out-break of human and animal diseases. Vaccination of animals should be done against out-break of major diseases. Provide clean and cool drinking water to the animals			
Poultry	<ul style="list-style-type: none"> • Trees should be planted near shed to provide shade as well as cool breeze. • Prevent water logging near poultry sheds to prevent mosquito breeding. • Make sure that the birds stay warm and cool. • On very sunny and humid days provide electrolytes to replenish their lost nutrients 			
Piggery	<ul style="list-style-type: none"> • Deworm piglets and adult animals on time • Vaccinate against FMD and CSF (Classical Swine Fever) • Provide multivitamins and minerals during stress periods (hot periods, farrowing periods etc) • During this season, stay ready to combat diarrhoea with medication 			
Fisheries				
	Conduct inspection every morning, noon and evening to check fish activities, fish appetite, whether there is residual fish feed in the pond, whether the fish come to the surface to breathe 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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Integrated Agromet Advisory Service Bulletin from 22nd to 26th July'17

Kiphire District

Bulletin No:56/2017

Weather summary of the preceding week			Weather forecast valid upto 26 th July'17
<ul style="list-style-type: none"> Moderate rain occurred the past week Maximum and minimum temperatures ranged 30^oC to 32^oC and 21^oC to 24^oC, respectively. Relative humidity varied from 52% to 95%. Wind speed ranged from 1 to 2 kmph 			<ul style="list-style-type: none"> Probability of moderate rain the coming week. Max temp is likely to be 24^oC - 25^oC and the min temp 20^oC to 21^oC Sky is likely to be mainly cloudy the coming week Relative Humidity is likely to range from 71% to 96%. Wind speed may reach upto 2- 3kmph Wind direction will be mostly southeasterly
Field crops			
Proper drainage should be maintained in the field.			
Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
Jhum paddy	Booting stage		Daily monitoring should be done for pest and diseases and try to manage it during the initial stage.
TRC/WRC paddy	Transplanting stage		In case some transplanted rice plants are washed away due to heavy rainfall, immediate gap filling can be undertaken. However, in case nurseries are not available, the farmers may go for direct sowing of rice using zero Till.
Kharif maize	Maturing stage	Stem borer	Provide proper drainage in the field
Green gram	Maturity stage		Good drainage may be given to manage soil borne root diseases
Horticultural crop			
Water logging in the field should be completely avoided since stagnation of water predisposes the plant to infection. Provide proper drainage and keep land free from weeds at all times. Collect the diseased material as and when the disease is noticed and burn them			
Citrus	Flowering to fruiting stage	Mealy bug	<ul style="list-style-type: none"> In citrus orchard, destroy the ant colonies (black ants) as they act as the carriers of mealy bug. The affected plants become pale, wilt and may die also. In heavily attacked plants, citrus fruits do not set. Timely weeding should be carried out
Okra	Fruiting to maturity stage	Yellow vein mosaic	<ul style="list-style-type: none"> Remove and burn the infected plants from the field Remove the unwanted weed host from the field If the infection is severe, spray imidacloprid at 1ml/lit of water
		Spotted bollworm	<ul style="list-style-type: none"> In the present weather condition, spotted bollworm will be seen. The infested fruits will have a varying number of holes. Remove regularly the attacked fruits and bury deep in the soil.

	Cucurbits	Flowering to fruiting stage	Powdery mildew	<i>Remove the infected leaves</i>
			Stink bug	<i>Maintain proper sanitation as they are mostly found in weedy areas.</i>
				➤ <i>For trailing, dried twigs can be spread on the ground. Weeding should be done whenever necessary.</i>
	Brinjal	Flowering to fruiting stage		➤ <i>Timely weeding and intercultural operation should be done.</i>
			Wilt	➤ <i>Remove and destroy the affected plant</i> ➤ <i>Proper drainage should be maintained in the field</i>
	Naga king chilli	Flowering to fruiting stage	viral disease	➤ <i>Timely weeding and earthing up should be done</i> ➤ <i>Virus infected plants should be removed or uprooted and buried into the soil</i> ➤ <i>Daily monitoring should be done for insect pest and need based neem oil should be spray</i>
	Fruit trees			<i>Maintain proper sanitation in and around the vicinity of the tree</i> <i>Prune trees immediately after harvesting. Grow seasonal crops in inter spaces.</i>
	Ginger / turmeric	Vegetative stage	-	<i>Timely earthing up and weeding/hoeing should be done. Mulch the plant with dry leaves and straw</i>
	<p style="text-align: center;"><i>Livestock</i></p> <p>Flood affected areas generally experience out-break of human and animal diseases. Vaccination of animals should be done against out-break of major diseases. Provide clean and cool drinking water to the animals</p>			
	<i>Poultry</i>	<ul style="list-style-type: none"> • Trees should be planted near shed to provide shade as well as cool breeze. • Prevent water logging near poultry sheds to prevent mosquito breeding. • Make sure that the birds stay warm and cool. • On very sunny and humid days provide electrolytes to replenish their lost nutrients 		
	<i>Piggery</i>	<ul style="list-style-type: none"> • Deworm piglets and adult animals on time • Vaccinate against FMD and CSF (Classical Swine Fever) • Provide multivitamins and minerals during stress periods (hot periods, farrowing periods etc) • During this season, stay ready to combat diarrhoea with medication 		
		<p style="text-align: center;"><i>Fisheries</i></p>		



Conduct inspection every morning, noon and evening to check fish activities, fish appetite, whether there is residual fish feed in the pond, whether the fish come to the surface to breathe 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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Integrated Agromet Advisory Service Bulletin from 22nd to 26th July'17 Kohima District

Bulletin No:56/2017

<i>Weather summary of the preceding week</i>			<i>Weather forecast valid upto 26th July'17</i>
<ul style="list-style-type: none"> Moderate rain occurred the past week Maximum and minimum temperatures ranged 24^oC to 28^oC and 16^oC to 18^oC, respectively. Relative humidity varied from 55% to 98%. Wind speed ranged from 1 to 2 kmph 			<ul style="list-style-type: none"> Probability of moderate rain the coming week. Max temp is likely to be 25^oC - 26^oC and the min temp 18^oC to 19^oC Sky is likely to be partly cloudy the coming week Relative Humidity is likely to range from 64% to 97%. Wind speed may reach upto 2- 3 kmph Wind direction will be easterly
<i>Field crops</i>			
Proper drainage should be maintained in the field.			
Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
<i>Jhum paddy</i>	Booting stage		<i>Daily monitoring should be done for pest and diseases and try to manage it during the initial stage.</i>
<i>TRC/WRC paddy</i>	Transplanting stage		<i>In case some transplanted rice plants are washed away due to heavy rainfall, immediate gap filling can be undertaken. However, in case nurseries are not available, the farmers may go for direct sowing of rice using zero Till.</i>
<i>Kharif maize</i>	Maturing stage	Stem borer	<i>Provide proper drainage in the field</i>
<i>Green gram</i>	Maturity stage		<i>Good drainage may be given to manage soil borne root diseases</i>
<i>Horticultural crop</i>			
Water logging in the field should be completely avoided since stagnation of water predisposes the plant to infection. Provide proper drainage and keep land free from weeds at all times. Collect the diseased material as and when the disease is noticed and burn them			
<i>Citrus</i>	Flowering to fruiting stage	Mealy bug	<ul style="list-style-type: none"> ➤ <i>In citrus orchard, destroy the ant colonies (black ants) as they act as the carriers of mealy bug. The affected plants become pale, wilt and may die also. In heavily attacked plants, citrus fruits do not set.</i> ➤ <i>Timely weeding should be carried out</i>

	Okra	Fruiting to maturity stage	Yellow vein mosaic	<ul style="list-style-type: none"> ➤ Remove and burn the infected plants from the field ➤ Remove the unwanted weed host from the field ➤ If the infection is severe, spray imidacloprid at 1ml/lit of water
			Spotted bollworm	<ul style="list-style-type: none"> ➤ In the present weather condition, spotted bollworm will be seen. The infested fruits will have a varying number of holes. ➤ Remove regularly the attacked fruits and bury deep in the soil.
	Cucurbits	Flowering to fruiting stage	Powdery mildew	Remove the infected leaves
			Stink bug	Maintain proper sanitation as they are mostly found in weedy areas.
				<ul style="list-style-type: none"> ➤ For trailing, dried twigs can be spread on the ground. Weeding should be done whenever necessary.
	Brinjal	Flowering to fruiting stage		<ul style="list-style-type: none"> ➤ Timely weeding and intercultural operation should be done.
			Wilt	<ul style="list-style-type: none"> ➤ Remove and destroy the affected plant <p>Proper drainage should be maintained in the field</p>
	Naga king chilli	Flowering to fruiting stage	viral disease	<ul style="list-style-type: none"> ➤ Timely weeding and earthing up should be done ➤ Virus infected plants should be removed or uprooted and buried into the soil ➤ Daily monitoring should be done for insect pest and need based neem oil should be spray
	Fruit trees			<p>Maintain proper sanitation in and around the vicinity of the tree</p> <p>Prune trees immediately after harvesting. Grow seasonal crops in inter spaces.</p>
	Ginger / turmeric	Vegetative stage	-	Timely earthing up and weeding/hoeing should be done. Mulch the plant with dry leaves and straw
Livestock				
Flood affected areas generally experience out-break of human and animal diseases. Vaccination of animals should be done against out-break of major diseases. Provide clean and cool drinking water to the animals				
Poultry		<ul style="list-style-type: none"> • Trees should be planted near shed to provide shade as well as cool breeze. • Prevent water logging near poultry sheds to prevent mosquito breeding. • Make sure that the birds stay warm and cool. • On very sunny and humid days provide electrolytes to replenish their lost nutrients 		
Piggery		<ul style="list-style-type: none"> • Deworm piglets and adult animals on time 		

		<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) • During this season, stay ready to combat diarrhoea with medication
		<i>Fisheries</i>
		Conduct inspection every morning, noon and evening to check fish activities, fish appetite, whether there is residual fish feed in the pond, whether the fish come to the surface to breathe 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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Integrated Agromet Advisory Service Bulletin from 22nd to 26th July'17 Longleng District

Bulletin No:56/2017

Weather summary of the preceding week			Weather forecast valid upto 26 th July'17
<ul style="list-style-type: none"> Moderate rain occurred the past week Maximum and minimum temperatures ranged 29⁰C to 34⁰C and 21⁰C to 24⁰C, respectively. Relative humidity varied from 47% to 93%. Wind speed ranged from 1 to 2 kmph 			<ul style="list-style-type: none"> Probability of moderate rain the coming week. Max temp is likely to be 32⁰C - 36⁰C and the min temp 25⁰C to 26⁰C Sky is likely to be partly cloudy the coming week Relative Humidity is likely to range from 63% to 92%. Wind speed may reach upto 2- 4 kmph Wind direction will be mostly southeasterly
Field crops			
Proper drainage should be maintained in the field.			
Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
<i>Jhum paddy</i>	Booting stage		<i>Daily monitoring should be done for pest and diseases and try to manage it during the initial stage.</i>
<i>TRC/WRC paddy</i>	Transplanting stage		<i>In case some transplanted rice plants are washed away due to heavy rainfall, immediate gap filling can be undertaken. However, in case nurseries are not available, the farmers may go for direct sowing of rice using zero Till.</i>
<i>Kharif maize</i>	Maturing stage	Stem borer	<i>Provide proper drainage in the field</i>
<i>Green gram</i>	Maturity stage		<i>Good drainage may be given to manage soil borne root diseases</i>
Horticultural crop			
Water logging in the field should be completely avoided since stagnation of water predisposes the plant to infection. Provide proper drainage and keep land free from weeds at all times. Collect the diseased material as and when the disease is noticed and burn them			
<i>Citrus</i>	Flowering to fruiting stage	Mealy bug	<ul style="list-style-type: none"> ➤ <i>In citrus orchard, destroy the ant colonies (black ants) as they act as the carriers of mealy bug. The affected plants become pale, wilt and may die also. In heavily attacked plants, citrus fruits do not set.</i> ➤ <i>Timely weeding should be carried out</i>
<i>Okra</i>	Fruiting to maturity stage	Yellow vein	<ul style="list-style-type: none"> ➤ <i>Remove and burn the infected plants from the field</i> ➤ <i>Remove the unwanted weed host from the field</i> ➤ <i>If the infection is severe, spray imidacloprid at 1ml/lit of water</i>

			mosaic	
			Spotted bollworm	<ul style="list-style-type: none"> ➤ <i>In the present weather condition, spotted bollworm will be seen. The infested fruits will have a varying number of holes.</i> ➤ <i>Remove regularly the attacked fruits and bury deep in the soil.</i>
	Cucurbits	Flowering to fruiting stage	Powdery mildew	<i>Remove the infected leaves</i>
			Stink bug	<i>Maintain proper sanitation as they are mostly found in weedy areas.</i>
				<ul style="list-style-type: none"> ➤ <i>For trailing, dried twigs can be spread on the ground. Weeding should be done whenever necessary.</i>
	Brinjal	Flowering to fruiting stage		<ul style="list-style-type: none"> ➤ <i>Timely weeding and intercultural operation should be done.</i>
			Wilt	<ul style="list-style-type: none"> ➤ <i>Remove and destroy the affected plant</i> ➤ <i>Proper drainage should be maintained in the field</i>
	Naga king chilli	Flowering to fruiting stage	viral disease	<ul style="list-style-type: none"> ➤ <i>Timely weeding and earthing up should be done</i> ➤ <i>Virus infected plants should be removed or uprooted and buried into the soil</i> ➤ <i>Daily monitoring should be done for insect pest and need based neem oil should be spray</i>
	Fruit trees			<i>Maintain proper sanitation in and around the vicinity of the tree</i> <i>Prune trees immediately after harvesting. Grow seasonal crops in inter spaces.</i>
	Ginger / turmeric	Vegetative stage	-	<i>Timely earthing up and weeding/hoeing should be done. Mulch the plant with dry leaves and straw</i>
<p style="text-align: center;">Livestock</p> <p>Flood affected areas generally experience out-break of human and animal diseases. Vaccination of animals should be done against out-break of major diseases. Provide clean and cool drinking water to the animals</p>				
	Poultry	<ul style="list-style-type: none"> • Trees should be planted near shed to provide shade as well as cool breeze. • Prevent water logging near poultry sheds to prevent mosquito breeding. • Make sure that the birds stay warm and cool. • On very sunny and humid days provide electrolytes to replenish their lost nutrients 		

	<i>Piggery</i>	<ul style="list-style-type: none"> • Deworm piglets and adult animals on time • Vaccinate against FMD and CSF (Classical Swine Fever) • Provide multivitamins and minerals during stress periods (hot periods, farrowing periods etc) • During this season, stay ready to combat diarrhoea with medication
	<i>Fisheries</i>	
		<p>Conduct inspection every morning, noon and evening to check fish activities, fish appetite, whether there is residual fish feed in the pond, whether the fish come to the surface to breathe 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</p>

SCIENTIFIC EXPERT COMMITTEE

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