

Integrated Agromet Advisory Service Bulletin from 31st Dec'16 to 4th Jan'17

Mokokchung District

Bulletin No: 103/2016

Weather summary of the preceding week			Weather forecast valid upto 4 th Jan'17
<ul style="list-style-type: none"> No rain occurred the past week Maximum and minimum temperatures ranged 24⁰C to 25⁰C and 8⁰C to 12⁰C, respectively. Relative humidity varied from 39% to 95%. Wind speed ranged from 1 to 2 kmph 			<ul style="list-style-type: none"> Probability of no rain the coming week. Max temp is likely to be 24⁰C - 25⁰C and the min temp 9⁰C to 10⁰C Sky is likely to be clear the coming week Relative Humidity is likely to range from 31% to 92%. Wind speed may reach upto 1- 2 kmph Wind direction will be easterly
Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
<p align="center">Field crops</p> <p>General Recommendations</p> <ul style="list-style-type: none"> Remove all weeds containing seeds, but keep other vegetative rests on the land because that will reduce evaporation. Timing of irrigation - rather late afternoon or early evening to reduce evaporation. Check and repair all tools and machinery especially where there are water leaks Jalkund should be covered with thatch to prevent evaporation losses. 			
TRC/WRC paddy	Storage stage		<ul style="list-style-type: none"> Paddy grains can be mixed with neem leaves at the time of storage to reduce storage pests.
Toria	Flowering stage	-	<ul style="list-style-type: none"> Soil moisture conservation techniques like mulching with crop residue is recommended Keep the field free from weeds and daily scouting of the field should be done for aphid.
Rabi maize	Tasseling stage		<ul style="list-style-type: none"> Provide mulching to conserve moisture
<p align="center">Horticultural crop</p> <p>General Recommendations</p> <ul style="list-style-type: none"> Cover soil with organic matter or cover crops. For vegetables, mulching and weeding should be carried out. Scout for pests and diseases regularly and contact the local agricultural office for advice on best control measures. 			
Mandarin	Flowering to fruiting		<ul style="list-style-type: none"> Regular monitoring for trunk borer infestation should be carried out at timely interval Collection of infected dropped fruit and buried in to soil
Vegetables(cab	Vegetative stage		<ul style="list-style-type: none"> Give light irrigation on every alternate day for proper growth of the plant mulching recommended

<i>bage, cauliflower)</i>		Cabbage caterpillar	<ul style="list-style-type: none"> • <i>First instars larvae scrap the leaf surface, where as the subsequent instars eat up leaves from the margin inward, leaving intact only the main veins. Entire plants are often eaten up.</i> • <i>Hand picking and destruction of egg mass and young larvae, apply 4% neem seed kernel extract (NSKE)</i>
<i>Pea</i>	Vegetative stage		<ul style="list-style-type: none"> • <i>Stake the plants for proper support and daily scouting of the field should be done for powdery mildew.</i> • <i>Soil moisture conservation techniques like mulching with crop residue and provide life saving irrigation to the crops recommended.</i>
<p style="text-align: center;">Livestock</p> <p>General Recommendations</p> <ul style="list-style-type: none"> • Animals should be given mineral mixture along with salt regularly and wheat grains, jaggery etc. may be provided @ 10% - 20% in the daily ration during winter season to meet the energy requirement of the animals • Avoid feeding of damp and foul smelling feed to all livestock and poultry. 			
<i>Poultry</i>	<ul style="list-style-type: none"> • <i>Good management and sanitation are the best ways to avoid infectious disease in poultry.</i> • <i>Provide ample quantity of clean drinking water.</i> • <i>Avoid feeding of mouldy feed. Don't make sudden changes in feed.</i> 		
<i>Piggery</i>	<ul style="list-style-type: none"> • <i>Swine flu may occur in pig at all stages. It is a viral flu and highly contagious. Clinical signs include high fever, skin lesions, convulsions, constipation followed by diarrhea and vomiting, less appetite. Once the symptoms is noticed, immediately informed the nearby veterinary doctor</i> 		
<i>Fishery</i>	<ul style="list-style-type: none"> • <i>Feeds should be provided @ 3 % body weight per day.</i> • <i>Take the advice of experts and information from mass media</i> • <i>Application of fish feed (mustard oil cake) is essential for achieving higher yield</i> • <i>Well balanced feed fortified with vitamins and minerals should be provided.</i> 		






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Mon District

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Weather summary of the preceding week			Weather forecast valid upto 4 th Jan'17
<ul style="list-style-type: none"> No rain occurred the past week Maximum and minimum temperatures ranged 24^oC to 25^oC and 10^oC to 12^oC, respectively. Relative humidity varied from 37% to 92% Wind speed ranged from 1 to 2 kmph 			<ul style="list-style-type: none"> Probability of no rain the coming week. Max temp is likely to be 22^oC - 24^oC and the min temp 9^oC to 10^oC Sky is likely to be clear the coming week Relative Humidity is likely to range from 29% to 95%. Wind speed may reach upto 1- 2 kmph Wind direction will be easterly
Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
<p style="text-align: center;">Field crops</p> <p>General Recommendations</p> <ul style="list-style-type: none"> Remove all weeds containing seeds, but keep other vegetative rests on the land because that will reduce evaporation. Timing of irrigation - rather late afternoon or early evening to reduce evaporation. Check and repair all tools and machinery especially where there are water leaks Jalkund should be covered with thatch to prevent evaporation losses. 			
TRC/WRC paddy	Storage stage		<ul style="list-style-type: none"> Paddy grains can be mixed with neem leaves at the time of storage to reduce storage pests.
Toria	Flowering stage	-	<ul style="list-style-type: none"> Soil moisture conservation techniques like mulching with crop residue is recommended Keep the field free from weeds and daily scouting of the field should be done for aphid.
Rabi maize	Tasseling stage		<ul style="list-style-type: none"> Provide mulching to conserve moisture
<p style="text-align: center;">Horticultural crop</p> <p>General Recommendations</p> <ul style="list-style-type: none"> Cover soil with organic matter or cover crops. For vegetables, mulching and weeding should be carried out. Scout for pests and diseases regularly and contact the local agricultural office for advice on best control measures. 			
Mandarin	Flowering to fruiting		<ul style="list-style-type: none"> Regular monitoring for trunk borer infestation should be carried out at timely interval Collection of infected dropped fruit and buried in to soil
Vegetables(cabb)	Heading stage		<ul style="list-style-type: none"> Give light irrigation on every alternate day for proper growth of the plant mulching recommended

	age, cauliflower)		Cabbage caterpillar	<ul style="list-style-type: none"> • First instars larvae scrap the leaf surface, where as the subsequent instars eat up leaves from the margin inward, leaving intact only the main veins. Entire plants are often eaten up. • Hand picking and destruction of egg mass and young larvae, apply 4% neem seed kernel extract (NSKE)
	Pea	Flowering stage		<ul style="list-style-type: none"> • Stake the plants for proper support and daily scouting of the field should be done for powdery mildew. • Soil moisture conservation techniques like mulching with crop residue and provide life saving irrigation to the crops recommended.
	Tomato/ chilli	Fruiting stage		<ul style="list-style-type: none"> • Removed the infected leaves/ plant at timely interval • Maintain an even moisture supply of water.
	<p style="text-align: center;">Livestock</p> <p>General Recommendations</p> <ul style="list-style-type: none"> • Animals should be given mineral mixture along with salt regularly and wheat grains, jaggery etc. may be provided @ 10% - 20% in the daily ration during winter season to meet the energy requirement of the animals • Avoid feeding of damp and foul smelling feed to all livestock and poultry. 			
	Poultry	<ul style="list-style-type: none"> • Good management and sanitation are the best ways to avoid infectious disease in poultry. • Provide ample quantity of clean drinking water. • Avoid feeding of mouldy feed. Don't make sudden changes in feed. 		
	Piggery	<ul style="list-style-type: none"> • Swine flu may occur in pig at all stages. It is a viral flu and highly contagious. Clinical signs include high fever, skin lesions, convulsions, constipation followed by diarrhea and vomiting, less appetite. Once the symptoms is noticed, immediately informed the nearby veterinary doctor 		
	Fishery	<ul style="list-style-type: none"> • Feeds should be provided @ 3 % body weight per day. • Take the advice of experts and information from mass media • Application of fish feed (mustard oil cake) is essential for achieving higher yield • Well balanced feed fortified with vitamins and minerals should be provided. 		





Integrated Agromet Advisory Service Bulletin from 31st Dec'16 to 4th Jan'17

Peren District

Bulletin No:103/2016

Weather summary of the preceding week			Weather forecast valid upto 4 th Jan'17
<ul style="list-style-type: none"> No rain occurred the past week Maximum and minimum temperatures ranged 26^oC to 27^oC and 9^oC to 11^oC, respectively. Relative humidity varied from 37% to 95%. Wind speed ranged from 1 to 2 kmph 			<ul style="list-style-type: none"> Probability of no rain the coming week. Max temp is likely to be 21^oC - 22^oC and the min temp 10^oC to 11^oC Sky is likely to be clear the coming week Relative Humidity is likely to range from 34% to 94%. Wind speed may reach upto 3- 5 kmph Wind direction will be mostly easterly
Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
<p align="center">Field crops</p> <p>General Recommendations</p> <ul style="list-style-type: none"> Remove all weeds containing seeds, but keep other vegetative rests on the land because that will reduce evaporation. Timing of irrigation - rather late afternoon or early evening to reduce evaporation. Check and repair all tools and machinery especially where there are water leaks Jalkund should be covered with thatch to prevent evaporation losses. 			
TRC/WRC paddy	Storage stage		<ul style="list-style-type: none"> Paddy grains can be mixed with neem leaves at the time of storage to reduce storage pests.
Toria	Flowering stage	-	<ul style="list-style-type: none"> Soil moisture conservation techniques like mulching with crop residue is recommended Keep the field free from weeds and daily scouting of the field should be done for aphid.
Rabi maize	Tasseling stage		<ul style="list-style-type: none"> Provide mulching to conserve moisture
linseed/lentil	Vegetative stage		<ul style="list-style-type: none"> Soil moisture conservation techniques like mulching with crop residue is recommended
<p align="center">Horticultural crop</p> <p>General Recommendations</p> <ul style="list-style-type: none"> Cover soil with organic matter or cover crops. For vegetables, mulching and weeding should be carried out. Scout for pests and diseases regularly and contact the local agricultural office for advice on best control measures. 			
Mandarin	Flowering to fruiting		<ul style="list-style-type: none"> Regular monitoring for trunk borer infestation should be carried out


				<i>at timely interval</i> <ul style="list-style-type: none"> • <i>Collection of infected dropped fruit and buried in to soil</i>
	Vegetables(cabbage, cauliflower)	Vegetative stage		<ul style="list-style-type: none"> • <i>Give light irrigation on every alternate day for proper growth of the plant mulching recommended</i>
			Cabbage caterpillar	<ul style="list-style-type: none"> • <i>First instars larvae scrap the leaf surface, where as the subsequent instars eat up leaves from the margin inward, leaving intact only the main veins. Entire plants are often eaten up.</i> <i>Hand picking and destruction of egg mass and young larvae, apply 4% neem seed kernel extract (NSKE)</i>
	Pea	Vegetative stage		<ul style="list-style-type: none"> • <i>Stake the plants for proper support and daily scouting of the field should be done for powdery mildew.</i> • <i>Soil moisture conservation techniques like mulching with crop residue and provide life saving irrigation to the crops recommended.</i>
	Tomato/ chilli	Vegetative stage		<i>Maintain an even moisture supply of water.</i> <i>Spray 5% neem seed kernel extract to kill early stages larvae.</i>
	<p style="text-align: center;">Livestock</p> <p>General Recommendations</p> <ul style="list-style-type: none"> • Animals should be given mineral mixture along with salt regularly and wheat grains, jaggery etc. may be provided @ 10% - 20% in the daily ration during winter season to meet the energy requirement of the animals • Avoid feeding of damp and foul smelling feed to all livestock and poultry. 			
	Poultry	<ul style="list-style-type: none"> • <i>Good management and sanitation are the best ways to avoid infectious disease in poultry.</i> • <i>Provide ample quantity of clean drinking water.</i> • <i>Avoid feeding of mouldy feed. Don't make sudden changes in feed.</i> 		
	Piggery	<ul style="list-style-type: none"> • <i>Swine flu may occur in pig at all stages. It is a viral flu and highly contagious. Clinical signs include high fever, skin lesions, convulsions, constipation followed by diarrhea and vomiting, less appetite. Once the symptoms is noticed, immediately informed the nearby veterinary doctor</i> 		
	Fishery	<ul style="list-style-type: none"> • <i>Feeds should be provided @ 3 % body weight per day.</i> • <i>Take the advice of experts and information from mass media</i> • <i>Application of fish feed (mustard oil cake) is essential for achieving higher yield</i> • <i>Well balanced feed fortified with vitamins and minerals should be provided.</i> 		



Integrated Agromet Advisory Service Bulletin from 31st Dec'16 to 4th Jan'17 Phek District

Bulletin No:103/2016

Weather summary of the preceding week			Weather forecast valid upto 4 th Jan'17
<ul style="list-style-type: none"> No rain occurred the past week Maximum and minimum temperatures ranged 25⁰C to 26⁰C and 8⁰C to 12⁰C, respectively. Relative humidity varied from 40% to 95%. Wind speed ranged from 1 to 2 kmph 			<ul style="list-style-type: none"> Probability of no rain the coming week. Max temp is likely to be 24⁰C - 25⁰C and the min temp 9⁰C to 10⁰C Sky is likely to be clear the coming week Relative Humidity is likely to range from 31% to 94%. Wind speed may reach upto 2- 3 kmph Wind direction will be mostly southeasterly
Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
<p align="center">Field crops</p> <p>General Recommendations</p> <ul style="list-style-type: none"> Remove all weeds containing seeds, but keep other vegetative rests on the land because that will reduce evaporation. Timing of irrigation - rather late afternoon or early evening to reduce evaporation. Check and repair all tools and machinery especially where there are water leaks Jalkund should be covered with thatch to prevent evaporation losses. 			
TRC/WRC paddy	Storage stage		<ul style="list-style-type: none"> Paddy grains can be mixed with neem leaves at the time of storage to reduce storage pests.
Toria	Flowering stage	-	<ul style="list-style-type: none"> Soil moisture conservation techniques like mulching with crop residue is recommended Keep the field free from weeds and daily scouting of the field should be done for aphid.
Rabi maize	Tasseling stage		<ul style="list-style-type: none"> Provide mulching to conserve moisture
<p align="center">Horticultural crop</p> <p>General Recommendations</p> <ul style="list-style-type: none"> Cover soil with organic matter or cover crops. For vegetables, mulching and weeding should be carried out. Scout for pests and diseases regularly and contact the local agricultural office for advice on best control measures. 			
Mandarin	Flowering to fruiting		<ul style="list-style-type: none"> Regular monitoring for trunk borer infestation should be carried out at timely interval


				<ul style="list-style-type: none"> Collection of infected dropped fruit and buried in to soil
	Vegetables(cabbage, cauliflower)	Vegetative stage		<ul style="list-style-type: none"> Give light irrigation on every alternate day for proper growth of the plant mulching recommended
			Cabbage caterpillar	<ul style="list-style-type: none"> First instars larvae scrap the leaf surface, where as the subsequent instars eat up leaves from the margin inward, leaving intact only the main veins. Entire plants are often eaten up. <p>Hand picking and destruction of egg mass and young larvae, apply 4% neem seed kernel extract (NSKE)</p>
	Pea	Vegetative stage		<ul style="list-style-type: none"> Stake the plants for proper support and daily scouting of the field should be done for powdery mildew. Soil moisture conservation techniques like mulching with crop residue and provide life saving irrigation to the crops recommended.
	<p style="text-align: center;">Livestock</p> <p>General Recommendations</p> <ul style="list-style-type: none"> Animals should be given mineral mixture along with salt regularly and wheat grains, jaggery etc. may be provided @ 10% - 20% in the daily ration during winter season to meet the energy requirement of the animals Avoid feeding of damp and foul smelling feed to all livestock and poultry. 			
	Poultry	<ul style="list-style-type: none"> Good management and sanitation are the best ways to avoid infectious disease in poultry. Provide ample quantity of clean drinking water. Avoid feeding of mouldy feed. Don't make sudden changes in feed. 		
	Piggery	<ul style="list-style-type: none"> Swine flu may occur in pig at all stages. It is a viral flu and highly contagious. Clinical signs include high fever, skin lesions, convulsions, constipation followed by diarrhea and vomiting, less appetite. Once the symptoms is noticed, immediately informed the nearby veterinary doctor 		
	Fishery	<ul style="list-style-type: none"> Feeds should be provided @ 3 % body weight per day. Take the advice of experts and information from mass media Application of fish feed (mustard oil cake) is essential for achieving higher yield Well balanced feed fortified with vitamins and minerals should be provided. 		



Integrated Agromet Advisory Service Bulletin from 31st Dec'16 to 4th Jan'17 Tuensang District

Bulletin No:103/2016

<i>Weather summary of the preceding week</i>			<i>Weather forecast valid upto 4th Jan'17</i>
<ul style="list-style-type: none"> No rain occurred the past week Maximum and minimum temperatures ranged 23⁰C to 24⁰C and 8⁰C to 10⁰C, respectively. Relative humidity varied from 36% to 94%. Wind speed ranged from 1 to 2 kmph 			<ul style="list-style-type: none"> Probability of no rain the coming week. Max temp is likely to be 24⁰C - 25⁰C and the min temp 8⁰C to 9⁰C Sky is likely to be clear the coming week Relative Humidity is likely to range from 28% to 95%. Wind speed may reach upto 1 - 2 kmph Wind direction will be mostly southeasterly
Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
<p align="center">Field crops</p> <p>General Recommendations</p> <ul style="list-style-type: none"> Remove all weeds containing seeds, but keep other vegetative rests on the land because that will reduce evaporation. Timing of irrigation - rather late afternoon or early evening to reduce evaporation. Check and repair all tools and machinery especially where there are water leaks Jalkund should be covered with thatch to prevent evaporation losses. 			
TRC/WRC paddy	Storage stage		<ul style="list-style-type: none"> Paddy grains can be mixed with neem leaves at the time of storage to reduce storage pests.
Toria	Flowering stage	-	<ul style="list-style-type: none"> Soil moisture conservation techniques like mulching with crop residue is recommended Keep the field free from weeds and daily scouting of the field should be done for aphid.
Rabi maize	Tasseling stage		<ul style="list-style-type: none"> Provide mulching to conserve moisture
<p align="center">Horticultural crop</p> <p>General Recommendations</p> <ul style="list-style-type: none"> Cover soil with organic matter or cover crops. For vegetables, mulching and weeding should be carried out. Scout for pests and diseases regularly and contact the local agricultural office for advice on best control measures. 			
Mandarin	Flowering to fruiting		<ul style="list-style-type: none"> Regular monitoring for trunk borer infestation should be carried out at timely interval Collection of infected dropped fruit and buried in to soil
Vegetables(c	Vegetative stage		<ul style="list-style-type: none"> Give light irrigation on every alternate day for proper growth of the



	abbage, cauliflower)			<i>plant mulching recommended</i>
			Cabbage caterpillar	<ul style="list-style-type: none"> First instars larvae scrap the leaf surface, where as the subsequent instars eat up leaves from the margin inward, leaving intact only the main veins. Entire plants are often eaten up. <p>Hand picking and destruction of egg mass and young larvae, apply 4% neem seed kernel extract (NSKE)</p>
	Pea	Vegetative stage		<ul style="list-style-type: none"> Stake the plants for proper support and daily scouting of the field should be done for powdery mildew. Soil moisture conservation techniques like mulching with crop residue and provide life saving irrigation to the crops recommended.
	<p style="text-align: center;">Livestock</p> <p>General Recommendations</p> <ul style="list-style-type: none"> Animals should be given mineral mixture along with salt regularly and wheat grains, jaggery etc. may be provided @ 10% - 20% in the daily ration during winter season to meet the energy requirement of the animals Avoid feeding of damp and foul smelling feed to all livestock and poultry. 			
	Poultry	<ul style="list-style-type: none"> Good management and sanitation are the best ways to avoid infectious disease in poultry. Provide ample quantity of clean drinking water. Avoid feeding of mouldy feed. Don't make sudden changes in feed. 		
	Piggery	<ul style="list-style-type: none"> Swine flu may occur in pig at all stages. It is a viral flu and highly contagious. Clinical signs include high fever, skin lesions, convulsions, constipation followed by diarrhea and vomiting, less appetite. Once the symptoms is noticed, immediately informed the nearby veterinary doctor 		
	Fishery	<ul style="list-style-type: none"> Feeds should be provided @ 3 % body weight per day. Take the advice of experts and information from mass media Application of fish feed (mustard oil cake) is essential for achieving higher yield Well balanced feed fortified with vitamins and minerals should be provided. 		



Integrated Agromet Advisory Service Bulletin from 31st Dec'16 to 4th Jan'17 Wokha District

Bulletin No:103/2016

Weather summary of the preceding week			Weather forecast valid upto 4 th Jan'17
<ul style="list-style-type: none"> No rain occurred the past week Maximum and minimum temperatures ranged 25⁰C to 26⁰C and 6⁰C to 11⁰C, respectively. Relative humidity varied from 41% to 95%. Wind speed ranged from 1 to 4 kmph 			<ul style="list-style-type: none"> Probability of no rain the coming week. Max temp is likely to be 24⁰C - 25⁰C and the min temp 10⁰C to 11⁰C Sky is likely to be clear the coming week Relative Humidity is likely to range from 32% to 94%. Wind speed may reach upto 3- 4 kmph Wind direction will be mostly southeasterly
Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
<p align="center">Field crops</p> <p>General Recommendations</p> <ul style="list-style-type: none"> Remove all weeds containing seeds, but keep other vegetative rests on the land because that will reduce evaporation. Timing of irrigation - rather late afternoon or early evening to reduce evaporation. Check and repair all tools and machinery especially where there are water leaks Jalkund should be covered with thatch to prevent evaporation losses. 			
TRC/WRC paddy	Storage stage		<ul style="list-style-type: none"> Paddy grains can be mixed with neem leaves at the time of storage to reduce storage pests.
Toria	Flowering stage	-	<ul style="list-style-type: none"> Soil moisture conservation techniques like mulching with crop residue is recommended Keep the field free from weeds and daily scouting of the field should be done for aphid.
Rabi maize	Tasseling stage		<ul style="list-style-type: none"> Provide mulching to conserve moisture
<p align="center">Horticultural crop</p> <p>General Recommendations</p> <ul style="list-style-type: none"> Cover soil with organic matter or cover crops. For vegetables, mulching and weeding should be carried out. Scout for pests and diseases regularly and contact the local agricultural office for advice on best control measures. 			
Mandarin	Flowering to fruiting		<ul style="list-style-type: none"> Regular monitoring for trunk borer infestation should be carried out at timely interval Collection of infected dropped fruit and buried in to soil

	Vegetables(cabbage, cauliflower)	Vegetative stage		<ul style="list-style-type: none"> • Give light irrigation on every alternate day for proper growth of the plant mulching recommended
			Cabbage caterpillar	<ul style="list-style-type: none"> • First instars larvae scrap the leaf surface, where as the subsequent instars eat up leaves from the margin inward, leaving intact only the main veins. Entire plants are often eaten up. • Hand picking and destruction of egg mass and young larvae, apply 4% neem seed kernel extract (NSKE)
	Pea	Vegetative stage		<ul style="list-style-type: none"> • Stake the plants for proper support and daily scouting of the field should be done for powdery mildew. • Soil moisture conservation techniques like mulching with crop residue and provide life saving irrigation to the crops recommended.
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	Poultry	<ul style="list-style-type: none"> • Good management and sanitation are the best ways to avoid infectious disease in poultry. • Provide ample quantity of clean drinking water. • Avoid feeding of mouldy feed. Don't make sudden changes in feed. 		
	Piggery	<ul style="list-style-type: none"> • Swine flu may occur in pig at all stages. It is a viral flu and highly contagious. Clinical signs include high fever, skin lesions, convulsions, constipation followed by diarrhea and vomiting, less appetite. Once the symptoms is noticed, immediately informed the nearby veterinary doctor 		
	Fishery	<ul style="list-style-type: none"> • Feeds should be provided @ 3 % body weight per day. • Take the advice of experts and information from mass media • Application of fish feed (mustard oil cake) is essential for achieving higher yield • Well balanced feed fortified with vitamins and minerals should be provided. 		




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Integrated Agromet Advisory Service Bulletin from 31st Dec'16 to 4th Jan'17 Zunheboto District

Bulletin No:103/2016

Weather summary of the preceding week			Weather forecast valid upto 4 th Jan'17
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Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
<p align="center">Field crops</p> <p>General Recommendations</p> <ul style="list-style-type: none"> Remove all weeds containing seeds, but keep other vegetative rests on the land because that will reduce evaporation. Timing of irrigation - rather late afternoon or early evening to reduce evaporation. Check and repair all tools and machinery especially where there are water leaks Jalkund should be covered with thatch to prevent evaporation losses. 			
TRC/WRC paddy	Storage stage		<ul style="list-style-type: none"> Paddy grains can be mixed with neem leaves at the time of storage to reduce storage pests.
Toria	Flowering stage	-	<ul style="list-style-type: none"> Soil moisture conservation techniques like mulching with crop residue is recommended Keep the field free from weeds and daily scouting of the field should be done for aphid.
Rabi maize	Tasseling stage		<ul style="list-style-type: none"> Provide mulching to conserve moisture
<p align="center">Horticultural crop</p> <p>General Recommendations</p> <ul style="list-style-type: none"> Cover soil with organic matter or cover crops. For vegetables, mulching and weeding should be carried out. Scout for pests and diseases regularly and contact the local agricultural office for advice on best control measures. 			
Mandarin	Flowering to fruiting		<ul style="list-style-type: none"> Regular monitoring for trunk borer infestation should be carried out at timely interval Collection of infected dropped fruit and buried in to soil

	Vegetables(cabbage, cauliflower)	Vegetative stage		<ul style="list-style-type: none"> • Give light irrigation on every alternate day for proper growth of the plant mulching recommended
			Cabbage caterpillar	<ul style="list-style-type: none"> • First instars larvae scrap the leaf surface, where as the subsequent instars eat up leaves from the margin inward, leaving intact only the main veins. Entire plants are often eaten up. • Hand picking and destruction of egg mass and young larvae, apply 4% neem seed kernel extract (NSKE)
	Pea	Vegetative stage		<ul style="list-style-type: none"> • Stake the plants for proper support and daily scouting of the field should be done for powdery mildew. • Soil moisture conservation techniques like mulching with crop residue and provide life saving irrigation to the crops recommended.
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	Poultry	<ul style="list-style-type: none"> • Good management and sanitation are the best ways to avoid infectious disease in poultry. • Provide ample quantity of clean drinking water. • Avoid feeding of mouldy feed. Don't make sudden changes in feed. 		
	Piggery	<ul style="list-style-type: none"> • Swine flu may occur in pig at all stages. It is a viral flu and highly contagious. Clinical signs include high fever, skin lesions, convulsions, constipation followed by diarrhea and vomiting, less appetite. Once the symptoms is noticed, immediately informed the nearby veterinary doctor 		
	Fishery	<ul style="list-style-type: none"> • Feeds should be provided @ 3 % body weight per day. • Take the advice of experts and information from mass media • Application of fish feed (mustard oil cake) is essential for achieving higher yield • Well balanced feed fortified with vitamins and minerals should be provided. 		



Integrated Agromet Advisory Service Bulletin from 31st Dec'16 to 4th Jan'17 Dimapur District

Bulletin No:103/2016

Weather summary of the preceding week			Weather forecast valid upto 4 th Jan'17
<ul style="list-style-type: none"> No rain occurred the past week Maximum and minimum temperatures ranged 24⁰C to 26⁰C and 7⁰C to 13⁰C, respectively. Relative humidity varied from 42% to 95%. Wind speed ranged from 2 to 3 kmph 			<ul style="list-style-type: none"> Probability of no rain the coming week. Max temp is likely to be 21⁰C - 22⁰C and the min temp 09⁰C to 10⁰C Sky is likely to be clear the coming week Relative Humidity is likely to range from 37% to 92%. Wind speed may reach upto 3- 4 kmph Wind direction will be mostly easterly
Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
<p align="center">Field crops</p> <p>General Recommendations</p> <ul style="list-style-type: none"> Remove all weeds containing seeds, but keep other vegetative rests on the land because that will reduce evaporation. Timing of irrigation - rather late afternoon or early evening to reduce evaporation. Check and repair all tools and machinery especially where there are water leaks Jalkund should be covered with thatch to prevent evaporation losses. 			
TRC/WRC paddy	Storage stage		<ul style="list-style-type: none"> Paddy grains can be mixed with neem leaves at the time of storage to reduce storage pests.
Toria	Flowering stage	-	<ul style="list-style-type: none"> Soil moisture conservation techniques like mulching with crop residue is recommended Keep the field free from weeds and daily scouting of the field should be done for aphid.
Rabi maize	Tasseling stage		<ul style="list-style-type: none"> Provide mulching to conserve moisture
linseed/lentil	Flowering stage		<ul style="list-style-type: none"> Soil moisture conservation techniques like mulching with crop residue is recommended
<p align="center">Horticultural crop</p> <p>General Recommendations</p> <ul style="list-style-type: none"> Cover soil with organic matter or cover crops. For vegetables, mulching and weeding should be carried out. Scout for pests and diseases regularly and contact the local agricultural office for advice on best control measures. 			
Mandarin	Flowering to fruiting		<ul style="list-style-type: none"> Regular monitoring for trunk borer infestation should be carried out at timely interval

				<ul style="list-style-type: none"> Collection of infected dropped fruit and buried in to soil
	Vegetables(cabbage, cauliflower)	Vegetative stage		<ul style="list-style-type: none"> Give light irrigation on every alternate day for proper growth of the plant mulching recommended
			Cabbage caterpillar	<ul style="list-style-type: none"> First instars larvae scrap the leaf surface, where as the subsequent instars eat up leaves from the margin inward, leaving intact only the main veins. Entire plants are often eaten up. Hand picking and destruction of egg mass and young larvae, apply 4% neem seed kernel extract (NSKE)
	Pea	Vegetative stage		<ul style="list-style-type: none"> Stake the plants for proper support and daily scouting of the field should be done for powdery mildew. Soil moisture conservation techniques like mulching with crop residue and provide life saving irrigation to the crops recommended.
	Tomato/ chilli	Vegetative stage		<p>Maintain an even moisture supply of water. Spray 5% neem seed kernel extract to kill early stages larvae.</p>
<p style="text-align: center;">Livestock</p> <p>General Recommendations</p> <ul style="list-style-type: none"> Animals should be given mineral mixture along with salt regularly and wheat grains, jaggery etc. may be provided @ 10% - 20% in the daily ration during winter season to meet the energy requirement of the animals Avoid feeding of damp and foul smelling feed to all livestock and poultry. 				
Poultry		<ul style="list-style-type: none"> Good management and sanitation are the best ways to avoid infectious disease in poultry. Provide ample quantity of clean drinking water. Avoid feeding of mouldy feed. Don't make sudden changes in feed. 		
Piggery		<ul style="list-style-type: none"> Swine flu may occur in pig at all stages. It is a viral flu and highly contagious. Clinical signs include high fever, skin lesions, convulsions, constipation followed by diarrhea and vomiting, less appetite. Once the symptoms is noticed, immediately informed the nearby veterinary doctor 		
Fishery		<ul style="list-style-type: none"> Feeds should be provided @ 3 % body weight per day. Take the advice of experts and information from mass media Application of fish feed (mustard oil cake) is essential for achieving higher yield Well balanced feed fortified with vitamins and minerals should be provided. 		





Integrated Agromet Advisory Service Bulletin from 31st Dec'16 to 4th Jan'17 Kiphire District

Bulletin No:103/2016

Weather summary of the preceding week			Weather forecast valid upto 4 th Jan'17
<ul style="list-style-type: none"> No rain occurred the past week Maximum and minimum temperatures ranged 25^oC to 26^oC and 8^oC to 12^oC, respectively. Relative humidity varied from 38% to 95%. Wind speed ranged from 1 to 2 kmph 			<ul style="list-style-type: none"> Probability of no rain the coming week. Max temp is likely to be 22^oC - 23^oC and the min temp 10^oC to 11^oC Sky is likely to be clear the coming week Relative Humidity is likely to range from 31% to 97%. Wind speed may reach upto 1- 2 kmph Wind direction will be mostly southeasterly
Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
<p align="center">Field crops</p> <p>General Recommendations</p> <ul style="list-style-type: none"> Remove all weeds containing seeds, but keep other vegetative rests on the land because that will reduce evaporation. Timing of irrigation - rather late afternoon or early evening to reduce evaporation. Check and repair all tools and machinery especially where there are water leaks Jalkund should be covered with thatch to prevent evaporation losses. 			
TRC/WRC paddy	Storage stage		<ul style="list-style-type: none"> Paddy grains can be mixed with neem leaves at the time of storage to reduce storage pests.
Toria	Flowering stage	-	<ul style="list-style-type: none"> Soil moisture conservation techniques like mulching with crop residue is recommended Keep the field free from weeds and daily scouting of the field should be done for aphid.
Rabi maize	Tasseling stage		<ul style="list-style-type: none"> Provide mulching to conserve moisture
<p align="center">Horticultural crop</p> <p>General Recommendations</p> <ul style="list-style-type: none"> Cover soil with organic matter or cover crops. For vegetables, mulching and weeding should be carried out. Scout for pests and diseases regularly and contact the local agricultural office for advice on best control measures. 			
Mandarin	Flowering to fruiting		<ul style="list-style-type: none"> Regular monitoring for trunk borer infestation should be carried out at timely interval Collection of infected dropped fruit and buried in to soil

	Vegetables(cabbage, cauliflower)	Vegetative stage		<ul style="list-style-type: none"> Give light irrigation on every alternate day for proper growth of the plant mulching recommended
			Cabbage caterpillar	<ul style="list-style-type: none"> First instars larvae scrap the leaf surface, where as the subsequent instars eat up leaves from the margin inward, leaving intact only the main veins. Entire plants are often eaten up. Hand picking and destruction of egg mass and young larvae, apply 4% neem seed kernel extract (NSKE)
	Pea	Vegetative stage		<ul style="list-style-type: none"> Stake the plants for proper support and daily scouting of the field should be done for powdery mildew. Soil moisture conservation techniques like mulching with crop residue and provide life saving irrigation to the crops recommended.
	<p style="text-align: center;">Livestock</p> <p>General Recommendations</p> <ul style="list-style-type: none"> Animals should be given mineral mixture along with salt regularly and wheat grains, jaggery etc. may be provided @ 10% - 20% in the daily ration during winter season to meet the energy requirement of the animals Avoid feeding of damp and foul smelling feed to all livestock and poultry. 			
	Poultry	<ul style="list-style-type: none"> Good management and sanitation are the best ways to avoid infectious disease in poultry. Provide ample quantity of clean drinking water. Avoid feeding of mouldy feed. Don't make sudden changes in feed. 		
	Piggery	<ul style="list-style-type: none"> Swine flu may occur in pig at all stages. It is a viral flu and highly contagious. Clinical signs include high fever, skin lesions, convulsions, constipation followed by diarrhea and vomiting, less appetite. Once the symptoms is noticed, immediately informed the nearby veterinary doctor 		
	Fishery	<ul style="list-style-type: none"> Feeds should be provided @ 3 % body weight per day. Take the advice of experts and information from mass media Application of fish feed (mustard oil cake) is essential for achieving higher yield Well balanced feed fortified with vitamins and minerals should be provided. 		






Integrated Agromet Advisory Service Bulletin from 31st Dec'16 to 4th Jan'17 Kohima District

Bulletin No:103/2016

Weather summary of the preceding week			Weather forecast valid upto 4 th Jan'17
<ul style="list-style-type: none"> No rain occurred the past week Maximum and minimum temperatures ranged 17^oC to 18^oC and 8^oC to 10^oC, respectively. Relative humidity varied from 34% to 97%. Wind speed ranged from 1 to 2 kmph 			<ul style="list-style-type: none"> Probability of no rain the coming week. Max temp is likely to be 19^oC - 20^oC and the min temp 7^oC to 8^oC Sky is likely to be clear the coming week Relative Humidity is likely to range from 34% to 90%. Wind speed may reach upto 3- 4 kmph Wind direction will be north easterly
Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
<p align="center">Field crops</p> <p>General Recommendations</p> <ul style="list-style-type: none"> Remove all weeds containing seeds, but keep other vegetative rests on the land because that will reduce evaporation. Timing of irrigation - rather late afternoon or early evening to reduce evaporation. Check and repair all tools and machinery especially where there are water leaks Jalkund should be covered with thatch to prevent evaporation losses. 			
TRC/WRC paddy	Storage stage		<ul style="list-style-type: none"> Paddy grains can be mixed with neem leaves at the time of storage to reduce storage pests.
Toria	Flowering stage	-	<ul style="list-style-type: none"> Soil moisture conservation techniques like mulching with crop residue is recommended Keep the field free from weeds and daily scouting of the field should be done for aphid.
Rabi maize	Tasseling stage		<ul style="list-style-type: none"> Provide mulching to conserve moisture
<p align="center">Horticultural crop</p> <p>General Recommendations</p> <ul style="list-style-type: none"> Cover soil with organic matter or cover crops. For vegetables, mulching and weeding should be carried out. Scout for pests and diseases regularly and contact the local agricultural office for advice on best control measures. 			
Mandarin	Flowering to fruiting		<ul style="list-style-type: none"> Regular monitoring for trunk borer infestation should be carried out at timely interval Collection of infected dropped fruit and buried in to soil


	Vegetables(cabbage, cauliflower)	Vegetative stage		<ul style="list-style-type: none"> • Give light irrigation on every alternate day for proper growth of the plant mulching recommended
			Cabbage caterpillar	<ul style="list-style-type: none"> • First instars larvae scrap the leaf surface, where as the subsequent instars eat up leaves from the margin inward, leaving intact only the main veins. Entire plants are often eaten up. • Hand picking and destruction of egg mass and young larvae, apply 4% neem seed kernel extract (NSKE)
	Pea	Vegetative stage		<ul style="list-style-type: none"> • Stake the plants for proper support and daily scouting of the field should be done for powdery mildew. • Soil moisture conservation techniques like mulching with crop residue and provide life saving irrigation to the crops recommended.
	<p style="text-align: center;">Livestock</p> <p>General Recommendations</p> <ul style="list-style-type: none"> • Animals should be given mineral mixture along with salt regularly and wheat grains, jaggery etc. may be provided @ 10% - 20% in the daily ration during winter season to meet the energy requirement of the animals • Avoid feeding of damp and foul smelling feed to all livestock and poultry. 			
	Poultry	<ul style="list-style-type: none"> • Good management and sanitation are the best ways to avoid infectious disease in poultry. • Provide ample quantity of clean drinking water. • Avoid feeding of mouldy feed. Don't make sudden changes in feed. 		
	Piggery	<ul style="list-style-type: none"> • Swine flu may occur in pig at all stages. It is a viral flu and highly contagious. Clinical signs include high fever, skin lesions, convulsions, constipation followed by diarrhea and vomiting, less appetite. Once the symptoms is noticed, immediately informed the nearby veterinary doctor 		
	Fishery	<ul style="list-style-type: none"> • Feeds should be provided @ 3 % body weight per day. • Take the advice of experts and information from mass media • Application of fish feed (mustard oil cake) is essential for achieving higher yield • Well balanced feed fortified with vitamins and minerals should be provided. 		



Integrated Agromet Advisory Service Bulletin from 31st Dec'16 to 4th Jan'17 Longleng District

Bulletin No:103/2016

Weather summary of the preceding week			Weather forecast valid upto 4 th Jan'17
<ul style="list-style-type: none"> No rain occurred the past week Maximum and minimum temperatures ranged 26⁰C to 27⁰C and 10⁰C to 12⁰C, respectively. Relative humidity varied from 37% to 95%. Wind speed ranged from 1 to 2 kmph 			<ul style="list-style-type: none"> Probability of no rain the coming week. Max temp is likely to be 21⁰C - 22⁰C and the min temp 9⁰C to 10⁰C Sky is likely to be clear the coming week Relative Humidity is likely to range from 30% to 93%. Wind speed may reach upto 1- 2 kmph Wind direction will be easterly
Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
<p align="center">Field crops</p> <p>General Recommendations</p> <ul style="list-style-type: none"> Remove all weeds containing seeds, but keep other vegetative rests on the land because that will reduce evaporation. Timing of irrigation - rather late afternoon or early evening to reduce evaporation. Check and repair all tools and machinery especially where there are water leaks Jalkund should be covered with thatch to prevent evaporation losses. 			
TRC/WRC paddy	Storage stage		<ul style="list-style-type: none"> Paddy grains can be mixed with neem leaves at the time of storage to reduce storage pests.
Toria	Flowering stage	-	<ul style="list-style-type: none"> Soil moisture conservation techniques like mulching with crop residue is recommended Keep the field free from weeds and daily scouting of the field should be done for aphid.
Rabi maize	Tasseling stage		<ul style="list-style-type: none"> Provide mulching to conserve moisture
<p align="center">Horticultural crop</p> <p>General Recommendations</p> <ul style="list-style-type: none"> Cover soil with organic matter or cover crops. For vegetables, mulching and weeding should be carried out. Scout for pests and diseases regularly and contact the local agricultural office for advice on best control measures. 			
Mandarin	Flowering to fruiting		<ul style="list-style-type: none"> Regular monitoring for trunk borer infestation should be carried out at timely interval Collection of infected dropped fruit and buried in to soil

	Vegetables(cabbage, cauliflower)	Vegetative stage		<ul style="list-style-type: none"> Give light irrigation on every alternate day for proper growth of the plant mulching recommended
			Cabbage caterpillar	<ul style="list-style-type: none"> First instars larvae scrap the leaf surface, where as the subsequent instars eat up leaves from the margin inward, leaving intact only the main veins. Entire plants are often eaten up. Hand picking and destruction of egg mass and young larvae, apply 4% neem seed kernel extract (NSKE)
	Pea	Vegetative stage		<ul style="list-style-type: none"> Stake the plants for proper support and daily scouting of the field should be done for powdery mildew. Soil moisture conservation techniques like mulching with crop residue and provide life saving irrigation to the crops recommended.
	<p style="text-align: center;">Livestock</p> <p>General Recommendations</p> <ul style="list-style-type: none"> Animals should be given mineral mixture along with salt regularly and wheat grains, jaggery etc. may be provided @ 10% - 20% in the daily ration during winter season to meet the energy requirement of the animals Avoid feeding of damp and foul smelling feed to all livestock and poultry. 			
	Poultry	<ul style="list-style-type: none"> Good management and sanitation are the best ways to avoid infectious disease in poultry. Provide ample quantity of clean drinking water. Avoid feeding of mouldy feed. Don't make sudden changes in feed. 		
	Piggery	<ul style="list-style-type: none"> Swine flu may occur in pig at all stages. It is a viral flu and highly contagious. Clinical signs include high fever, skin lesions, convulsions, constipation followed by diarrhea and vomiting, less appetite. Once the symptoms is noticed, immediately informed the nearby veterinary doctor 		
	Fishery	<ul style="list-style-type: none"> Feeds should be provided @ 3 % body weight per day. Take the advice of experts and information from mass media Application of fish feed (mustard oil cake) is essential for achieving higher yield Well balanced feed fortified with vitamins and minerals should be provided. 		