

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

Bulletin No: 103/2016

Weather s	summary of the prece	ding week	Weather forecast valid upto 4 th Jan'17		
No rain occu	rred the past week		 Probability of no rain the coming week. 		
	nd minimum tempe		• Max temp is likely to be 24° C - 25° C and the min temp 9° C to 10° C		
24° C to 25° C	and 8° C to 12° C, resp	ectively.	Sky is likely to be clear the coming week		
Relative humination	idity varied from 39%	to 95%.	Relative Humidity is likely to range from 31% to 92%.		
• Wind speed ra	anged from 1 to 2 kmp	h	• Wind speed may reach upto 1- 2 kmph		
			Wind direction will be easterly		
Main Crops	Stage	Pest/	Agro-meteorological Advisories		
		Diseases			
	Field crops				

General Recommendations

- 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	• Paddy grains can be mixed with neem leaves at the time of storage to reduce storage pests.
Toria	Flowering stage	 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	Provide mulching to conserve moisture
		Horticultural gron

Horticultural crop

General Recommendations

- 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	 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	 Conection of injected dropped full and buried in to soll Give light irrigation on every alternate day for proper growth of the plant mulching recommended

	bage, cauliflower)		Cabbage caterpillar	 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		 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. 			
				Livestock			
	20% in th	 hals should be given mineral mixture along with salt regularly and wheat grains, jaggery etc. may be provided @ 10% - in the daily ration during winter season to meet the energy requirement of the animals d feeding of damp and foul smelling feed to all livestock and poultry. Good management and sanitation are the best ways to avoid infectious disease in poultry. 					
		-		n drinking water.			
	Piggery	• Swine flu may fever, skin les	occur in pig a ions, convulsio	Don't make sudden changes in feed. t all stages. It is a viral flu and highly contagious. Clinical signs include high ns, constipation followed by diarrhea and vomiting, less appetite. Once the tely informed the nearby veterinary doctor			
HIRD 3H-DU HIRD 3H-DU HICAR	Fishery	 Feeds should b Take the advice Application of j 	e provided @ 3 e of experts and fish feed (musta	% body weight per day. information from mass media rd oil cake) is essential for achieving higher yield ith vitamins and minerals should be provided.			



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

Bulletin No:103/2016

Weather sun	nmary of the preced	ling week	Weather forecast valid upto 4 th Jan'17	
No rain occurre	d the past week		 Probability of no rain the coming week. 	
	minimum temper		• Max temp is likely to be 22° C - 24° C and the min temp 9° C to 10° C	
24° C to 25° C and	d 10^{0} C to 12^{0} C, res	pectively.	Sky is likely to be clear the coming week	
Relative humidity varied from 37% to 92%			Relative Humidity is likely to range from 29% to 95%.	
• Wind speed ranged from 1 to 2 kmph			• Wind speed may reach upto 1- 2 kmph	
			Wind direction will be easterly	
Main Crops	Stage	Pest/	Agro-meteorological Advisories	
		Diseases		
Field crops				

General Recommendations

- 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.

		1	1
TRC/WRC paddy	Storage stage		• Paddy grains can be mixed with neem leaves at the time of storage to reduce storage pests.
Toria	Flowering stage	-	 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		Provide mulching to conserve moisture
			Hanticultural anon

Horticultural crop

General Recommendations

- 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	• 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	• Give light irrigation on every alternate day for proper growth of the plant mulching recommended

ICAR RESEARCH COMPLEX FOR NEH REGION (Indian Council of Agricultural Research) NAGALAND CENTER, JHARNAPANI, MEDZIPHEMA

	age, cauliflower)		Cabbage caterpillar	 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		 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		 Removed the infected leaves/ plant at timely interval Maintain an even moisture supply of water.
	 Animals of 	should be given mi	neral mixture al	ong with salt regularly and wheat grains jaggery etc. may be provided @
	10% - 209	% in the daily ration ding of damp and fo • <i>Good manag</i>	during winter second smelling feed	ong with salt regularly and wheat grains, jaggery etc. may be provided @ eason to meet the energy requirement of the animals d to all livestock and poultry. <i>tation are the best ways to avoid infectious disease in poultry.</i> <i>ean drinking water.</i>
	10% - 20% • Avoid fee	% in the daily ration ding of damp and fo • Good manag • Provide amp • Avoid feedin	during winter second smelling feed gement and sania ole quantity of cl g of mouldy feed	eason to meet the energy requirement of the animals I to all livestock and poultry.
	10% - 20% • Avoid fee <i>Poultry</i>	% in the daily ration ding of damp and fo • Good manag • Provide amp • Avoid feedin • Swine flu ma high fever,	during winter second smelling feed gement and sanitable quantity of cl g of mouldy feed ay occur in pig skin lesions, co	eason to meet the energy requirement of the animals 1 to all livestock and poultry. tation are the best ways to avoid infectious disease in poultry. ean drinking water. d. Don't make sudden changes in feed.



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

Bulletin No:103/2016

			Bulletin No:103/201
Weather su	mmary of the preced	ling week	Weather forecast valid upto 4 th Jan'17
No rain occur	red the past week		Probability of no rain the coming week.
• Maximum and minimum temperatures ranged			• Max temp is likely to be 21° C - 22° C and the min temp 10° C to 11° C
	and 9° C to 11° C, resp		• Sky is likely to be clear the coming week
	dity varied from 37%		• Relative Humidity is likely to range from 34% to 94%.
	nged from 1 to 2 km		• Wind speed may reach upto 3- 5 kmph
1	U	1	Wind direction will be mostly easterly
Main Crops	Stage	Pest/	Agro-meteorological Advisories
	U	Diseases	
			Field crops
General Reco	mmendations		
• Remove	all weeds containing	g seeds, but kee	ep other vegetative rests on the land because that will reduce evaporation.
			or early evening to reduce evaporation. Check and repair all tools and
Ũ	ry especially where		
	• • •		event evaporation losses.
TRC/WRC	Storage stage		• Paddy grains can be mixed with neem leaves at the time of storage
paddy			reduce storage pests.
<i>—</i>			
Toria	Flowering	-	• Soil moisture conservation techniques like mulching with cro
	stage		residue is recommended
			• Keep the field free from weeds and daily scouting of the field shou
			be done for aphid.
Rabi maize	Tasseling stage		Provide mulching to conserve moisture
linseed/lentil	Vegetative		• Soil moisture conservation techniques like mulching with cro
	stage		residue is recommended
	stuge		
			Horticultural crop
Conoral Door	mmandations		1

General Recommendations

• Cover soil with organic matter or cover crops. For vegetables, mulching and weeding should be carried out.

Mandarin	Flowering to fruiting		• Regular monitoring for trunk borer infestation should be carried out
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				at timely interval			
				Collection of infected dropped fruit and buried in to soil			
	Vegetables(cab	Vegetative		• <i>Give light irrigation on every alternate day for proper growth of the</i>			
	bage,	stage		plant mulching recommended			
	cauliflower)		Cabbage caterpillar	 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		• 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		Maintain an even moisture supply of water. Spray 5% neem seed kernel extract to kill early stages larvae.			
		0					
	Livestock						
	 General Recommendations 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	• Good manag	gement and sar	nitation 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						
भाकुअनुप	Fishery	• Feeds shoul	d be provided	@ 3 % body weight per day.			
ICAR			-	and information from mass media			
			v 1	ustard oil cake) is essential for achieving higher yield			
		• Well balanc	ea jeed fortifie	d with vitamins and minerals should be provided.			



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		
• No rain occurred the past week			 Probability of no rain the coming week. 		
	and minimum				
ranged 25°C	C to 26^{0} C and 8	3^{0} C to 12^{0} C,	Sky is likely to be clear the coming week		
respectively.			Relative Humidity is likely to range from 31% to 94%.		
	nidity varied from		• Wind speed may reach upto 2- 3 kmph		
• Wind speed	ranged from 1 to 2	kmph	Wind direction will be mostly southeasterly		
Main	Stage	Pest/	Agro-meteorological Advisories		
Crops		Diseases			
Field crops					

General Recommendations

- 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		• Paddy grains can be mixed with neem leaves at the time of storage to reduce storage pests.
Toria	Flowering stage	-	 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		Provide mulching to conserve moisture

Horticultural crop

General Recommendations

• 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	• Regular monitoring for trunk borer infestation should be carried out at timely interval
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ICAR RESEARCH COMPLEX FOR NEH REGION (Indian Council of Agricultural Research) NAGALAND CENTER, JHARNAPANI, MEDZIPHEMA

				• Collection of infected dropped fruit and buried in to soil
	Vegetables(cabbage,	Vegetative stage		• Give light irrigation on every alternate day for proper growth of the plant mulching recommended
	cauliflower)		Cabbage caterpillar	 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		 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.
				Livestock
 Animals should be given mineral mixture along with salt regularly and whe 20% in the daily ration during winter season to meet the energy requirement. Avoid feeding of damp and foul smelling feed to all livestock and poultry. 				
	Poultry	• Provide amp	ole quantity of	nitation are the best ways to avoid infectious disease in poultry. clean drinking water. ed. Don't make sudden changes in feed.
	Piggery	skin lesions	, convulsions,	at all stages. It is a viral flu and highly contagious. Clinical signs include high fever, constipation followed by diarrhea and vomiting, less appetite. Once the symptoms is med the nearby veterinary doctor
	Fishery	Take the adApplication	vice of experts of fish feed (m	@ 3 % body weight per day. and information from mass media ustard oil cake) is essential for achieving higher yield d with vitamins and minerals should be provided.
ICAR		- Weit buldhe	cu jecu joriijie	a wan vaanaas and naherais subaid be provided.



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

Bulletin No:103/2016

Weather summary of the preceding week		ding week	Weather forecast valid upto 4 th Jan'17		
•No rain occu	urred the past week		Probability of no rain the coming week.		
	d minimum temper		• Max temp is likely to be 24 ^o C - 25 ^o C and the min temp 8 ^o C to 9 ^o C		
23^{0} C to 24^{0} C	and 8° C to 10° C, re	spectively.	Sky is likely to be clear the coming week		
• Relative humidity varied from 36% to 94%.		5% to 94%.	• Relative Humidity is likely to range from 28% to 95%.		
• Wind speed ranged from 1 to 2 kmph			Wind speed may reach upto 1 - 2 kmph		
			• Wind direction will be mostly southeasterly		
Main Crops	Stage	Pest/	Agro-meteorological Advisories		
Diseases		Diseases			
Field crops					

General Recommendations

- 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	• Paddy grains can be mixed with neem leaves at the time of storage to reduce storage pests.		
Toria	Flowering stage	 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	Provide mulching to conserve moisture		
Horticultural crop				

Horticultural crop

General Recommendations

- 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	Regular monitoring for trunk borer infestation should be carried out at timely interval
-	Vegetables(c	Vegetative stage	 Collection of infected dropped fruit and buried in to soil Give light irrigation on every alternate day for proper growth of the

ICAR RESEARCH COMPLEX FOR NEH REGION (Indian Council of Agricultural Research) NAGALAND CENTER, JHARNAPANI. MEDZIPHEMA

	abbage,			plant mulching recommended
	cauliflower)		Cabbage caterpillar	 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		 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.
				Livestock
	10% -	20% in the daily ration feeding of damp and	on during winte foul smelling	e along with salt regularly and wheat grains, jaggery etc. may be provided @ er season to meet the energy requirement of the animals feed to all livestock and poultry. ation are the best ways to avoid infectious disease in poultry.
		• Provide ample	e quantity of cl	ean drinking water. I. Don't make sudden changes in feed.
	Piggery	fever, skin les	sions, convulsi	at all stages. It is a viral flu and highly contagious. Clinical signs include high cons, constipation followed by diarrhea and vomiting, less appetite. Once the fately informed the nearby veterinary doctor
HIIP3HIII ICAR	Fishery	 Take the advis Application of 	ce of experts an f fish feed (mus	3 % body weight per day. nd information from mass media ntard oil cake) is essential for achieving higher yield 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	
No rain occur	red the past week		 Probability of no rain the coming week. 	
• Maximum an	d minimum tempera	atures ranged	• Max temp is likely to be 24° C - 25° C and the min temp 10° C to 11° C	
25° C to 26° C and 6° C to 11° C, respectively.			Sky is likely to be clear the coming week	
• Relative humidity varied from 41% to 95%.			Relative Humidity is likely to range from 32% to 94%.	
• Wind speed ranged from 1 to 4 kmph			• Wind speed may reach upto 3- 4 kmph	
			Wind direction will be mostly southeasterly	
Main Crops	Stage	Pest/	Agro-meteorological Advisories	
Diseases				
Field crops				

General Recommendations

- 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.

		L	1		
TRC/WRC paddy	Storage stage		• Paddy grains can be mixed with neem leaves at the time of storage to reduce storage pests.		
Toria	Flowering stage	-	 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		Provide mulching to conserve moisture		
	Horticultural crop				

General Recommendations

• 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	 Regular monitoring for trunk borer infestation should be carried out at timely interval Collection of infected dropped fruit and buried in to soil 	fruiting					

ICAR RESEARCH COMPLEX FOR NEH REGION (Indian Council of Agricultural Research) NAGALAND CENTER, JHARNAPANI.MEDZIPHEMA

	T 7 (11 (V		
	Vegetables(ca	Vegetative stage		• Give light irrigation on every alternate day for proper growth of
	bbage,		California	the plant mulching recommended
	cauliflower)		Cabbage caterpillar	 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		 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.
				Livestock
	General Reco	ommendations		
	• Animals 10% - 20	should be given mine 0% in the daily ration d	luring winter se	ong with salt regularly and wheat grains, jaggery etc. may be provided @ eason to meet the energy requirement of the animals d to all livestock and poultry.
	Poultry	• Good manageme	ent and sanitat	ion are the best ways to avoid infectious disease in poultry.
	2	• Provide ample q		
				Don't make sudden changes in feed.
	Piggery			t all stages. It is a viral flu and highly contagious. Clinical signs include
		high fever, skin	lesions, convu	lsions, constipation followed by diarrhea and vomiting, less appetite. Once diately informed the nearby veterinary doctor
	Fishery	• Feeds should be	provided @ 3	% body weight per day.
			•	information from mass media
ALLER STERL			· ·	
ICAR				ard oil cake) is essential for achieving higher yield
		• Well balanced f	eed fortified w	ith vitamins and minerals should be provided.







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

Bulletin	No:103/201

Weather si	Weather summary of the preceding week		Weather forecast valid upto 4 th Jan'17		
 Maximum at 23°C to 25°C Relative hum 	To rain occurred the past week Iaximum and minimum temperatures ranged 3^{0} C to 25^{0} C and 8^{0} C to 10^{0} C, respectively. elative humidity varied from 40% to 95%. Wind speed ranged from 1 to 2 kmph		 Probability of no rain the coming week. Max temp is likely to be 22°C - 25°C and the min temp 9°C to 10°C 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 easterly 		
Main Crops	Stage	Pest/	Agro-meteorological Advisories		
		Diseases			

Field crops

General Recommendations

- 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		• Paddy grains can be mixed with neem leaves at the time of storage to reduce storage pests.
Toria	Flowering stage	-	 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		Provide mulching to conserve moisture

Horticultural crop

General Recommendations

• 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	• Regular monitoring for trunk borer infestation should be carried ou at timely interval	U	
		• Collection of infected dropped fruit and buried in to soil		

ICAR RESEARCH COMPLEX FOR NEH REGION (Indian Council of Agricultural Research) NAGALAND CENTER,JHARNAPANI. MEDZIPHEMA

,			
Vegetables(Vegetative stage		• Give light irrigation on every alternate day for proper growth of the
cabbage,			plant mulching recommended
cauliflower)		Cabbage caterpillar	 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		 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.
			T the sector of

Livestock

General Recommendations

- 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.

1	Poultry	 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.
1	Piggery	• 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
HIEP3HIH ICAR	Fishery	 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 s	summary of the preceding week		Weather forecast valid upto 4 th Jan'17	
No rain occu	rred the past week		 Probability of no rain the coming week. 	
• Maximum a	nd minimum tempe	ratures ranged	• Max temp is likely to be 21° C - 22° C and the min temp 09° C to 10° C	
24° C to 26° C and 7° C to 13° C, respectively.			Sky is likely to be clear the coming week	
• Relative humidity varied from 42% to 95%.			Relative Humidity is likely to range from 37% to 92%.	
• Wind speed ranged from 2 to 3 kmph			• Wind speed may reach upto 3- 4 kmph	
			Wind direction will be mostly easterly	
Main Crops	Stage	Pest/	Agro-meteorological Advisories	
		Diseases		

Field crops

General Recommendations

- 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.

Rabi maize Tass		• Paddy grains can be mixed with neem leaves at the time of storage to reduce storage pests.
	vering stage -	 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.
linseed/lentil Flow	eling stage	Provide mulching to conserve moisture
	vering stage	• Soil moisture conservation techniques like mulching with crop residue is recommended

Horticultural crop

General Recommendations

• Cover soil with organic matter or cover crops. For vegetables, mulching and weeding should be carried out.

MandarinFlowering to fruiting• 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 abbage, cauliflower)	Vegetative stage		• <i>Give light irrigation on every alternate day for proper growth of the plant mulching recommended</i>		
		Cabbage caterpillar	 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		 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		Maintain an even moisture supply of water. Spray 5% neem seed kernel extract to kill early stages larvae.		
 Livestock General Recommendations 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• Good management and sanitation are the best ways to avoid infectious disease in po • Provide ample quantity of clean drinking water. • Avoid feeding of mouldy feed. Don't make sudden changes in feed.Piggery• Swine flu may occur in pig at all stages. It is a viral flu and highly contagious. Clin fever, skin lesions, convulsions, constipation followed by diarrhea and vomiting, symptoms is noticed, immediately informed the nearby veterinary doctor					
				Fishery	 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.
	abbage, cauliflower) Pea Tomato/ chilli General Rec • Animal 10% - 2 • Avoid f Poultry Piggery	abbage, cauliflower) Pea Vegetative stage Tomato/ chilli Vegetative stage General Recommendations • Animals should be given minolow - 20% in the daily ration • Avoid feeding of damp and feeding of damp and feeding of damp and feeding of damp and feeding of	abbage, Cabbage cauliflower) Cabbage Pea Vegetative stage Tomato/ Vegetative stage chilli Vegetative stage General Recommendations • Animals should be given mineral mixture a 10% - 20% in the daily ration during winter s • Avoid feeding of damp and foul smelling fee Poultry • Good management and sanitat • Provide ample quantity of cleat • Avoid feeding of mouldy feed. A • Swine flu may occur in pig at fever, skin lesions, convulsion symptoms is noticed, immediat Fishery • Feeds should be provided @ 3 • Take the advice of experts and • Application of fish feed (mustation)		



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	
	• No rain occurred the past week			 Probability of no rain the coming week. 	
	• Maximum and minimum temperatures ranged			• Max temp is likely to be 22° C - 23° C and the min temp 10° C to 11° C	
	25° C to 26° C and 8° C to 12° C, respectively.			Sky is likely to be clear the coming week	
	• Relative humidity varied from 38% to 95%.			• Relative Humidity is likely to range from 31% to 97%.	
	• Wind speed ranged from 1 to 2 kmph			• Wind speed may reach upto 1- 2 kmph	
				Wind direction will be mostly southeasterly	
	Main Crops	Stage	Pest/	Agro-meteorological Advisories	
	Diseases		Diseases		
	Field crops				

General Recommendations

- 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		• Paddy grains can be mixed with neem leaves at the time of storage to reduce storage pests.	
Toria	Flowering stage	-	 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		Provide mulching to conserve moisture	
Horticultural crop				

General Recommendations

• Cover soil with organic matter or cover crops. For vegetables, mulching and weeding should be carried out.

Mandarin	Flowering to fruiting	•	Regular monitoring for trunk borer infestation should be carried out at timely interval
		•	Collection of infected dropped fruit and buried in to soil

Livestock					
			 Soil moisture conservation techniques like mulching with crop residue and provide life saving irrigation to the crops recommended. 		
Pea	Vegetative stage		• Stake the plants for proper support and daily scouting of the field should be done for powdery mildew.		
		caterpillar	 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) 		
cauliflower)		Cabbage	• First instars larvae scrap the leaf surface, where as the subsequent		
Vegetables(cab bage,	Vegetative stage		 Give light irrigation on every alternate day for proper growth of the plant mulching recommended 		

General Recommendations

- 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.

try.				
• Avoid feeding of mouldy feed. Don't make sudden changes in feed.				
nical signs include high				
less appetite. Once the				
r				



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				
 No rain occurred the past week Maximum and minimum temperatures ranged 17 ⁰C to 18⁰C and 8⁰C to 10⁰C, respectively. Relative humidity varied from 34% to 97%. Wind speed ranged from 1 to 2 kmph 			 Probability of no rain the coming week. Max temp is likely to be 19°C - 20°C and the min temp 7°C to 8°C 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 				
while speed ranged from 1 to 2 kinpli			Wind direction will be north easterly				
Main Crops	Crops Stage Pest/		Agro-meteorological Advisories				
Diseases		Diseases					

Field crops

General Recommendations

- 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.

Flowering stage		
		 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.
Fasseling stage		Provide mulching to conserve moisture
Γ	asseling stage	Casseling stage

Horticultural crop

General Recommendations

• Cover soil with organic matter or cover crops. For vegetables, mulching and weeding should be carried out.

Mandarin	Flowering to fruiting	• Regular monitoring for trunk borer infestation should be carried out at timely interval
		• Collection of infected dropped fruit and buried in to soil

	Verstaller(1	Vecetative stars					
	Vegetables(cab	Vegetative stage		• Give light irrigation on every alternate day for proper growth of			
	bage,		Calification	the plant mulching recommended			
	cauliflower)		Cabbage caterpillar	 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		 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. 			
				Livestock			
	 General Recommendations 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	-		ation are the best ways to avoid infectious disease in poultry.			
		^	- · ·	ean drinking water.			
				l. Don't make sudden changes in feed.			
	Piggery			at all stages. It is a viral flu and highly contagious. Clinical signs include			
		0 0		nvulsions, constipation followed by diarrhea and vomiting, less appetite.			
		Once the symptoms is noticed, immediately informed the nearby veterinary doctor					
	Fishery	• Feeds should be provided @ 3 % body weight per day.					
WH HA		• Take the adv	ice of experts ar	nd information from mass media			
		• Application of fish feed (mustard oil cake) is essential for achieving higher yield					
нар'знаці ІСАВ		• Well balance	ed 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		
 No rain occurred 	d the past week		 Probability of no rain the coming week. 		
	minimum temperatures		• Max temp is likely to be 21° C - 22° C and the min temp 9° C to 10° C		
	C to 12 ⁰ C, respectively.		Sky is likely to be clear the coming week		
 Relative humidi 	ty varied from 37% to 9	5%.	Relative Humidity is likely to range from 30% to 93%.		
• Wind speed range	ged from 1 to 2 kmph		• Wind speed may reach upto 1- 2 kmph		
			Wind direction will be easterly		
Main Crops	Stage	Pest/	Agro-meteorological Advisories		
Diseases					
Field crops					

General Recommendations

- 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.

Storage stage	• Paddy grains can be mixed with neem leaves at the time of storage to reduce storage pests.
Flowering stage	 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.
Tasseling stage	Provide mulching to conserve moisture
	Flowering stage

Horticultural crop

General Recommendations

• 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	•	Regular monitoring for trunk borer infestation should be carried	
			out at timely interval	
		•	Collection of infected dropped fruit and buried in to soil	

ICAR RESEARCH COMPLEX FOR NEH REGION (Indian Council of Agricultural Research) NAGALAND CENTER, JHARNAPANI. MEDZIPHEMA

	Vegetables(cab bage,	Vegetative stage		• <i>Give light irrigation on every alternate day for proper growth of the plant mulching recommended</i>			
	cauliflower)		Cabbage caterpillar	 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		 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. 			
	 Livestock General Recommendations 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	 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	high fever, skin l	lesions, convul	all stages. It is a viral flu and highly contagious. Clinical signs include sions, constipation followed by diarrhea and vomiting, less appetite. Once liately informed the nearby veterinary doctor			
HIEP 3HILI ICAR	Fishery	 Take the advice Application of finance 	of experts and sh feed (mustar	% body weight per day. information from mass media rd oil cake) is essential for achieving higher yield rh vitamins and minerals should be provided.			