

Integrated Agromet Advisory Service Bulletin from 21st to 25th Jan'17 Kohima District

Bulletin No:07/2017

Weather sur	mmary of the preced	ling week	Weather forecast valid upto 25 th Jan'17				
	rred the past week		 Probability of no rain the coming week. 				
• Maximum and	minimum temperat	ures ranged 17	• Max temp is likely to be 18° C - 19° C and the min temp 6° C to 7° C				
	5° C to 6° C, respecti		Sky is likely to be clear the coming week				
 Relative humid 	ity varied from 34%	to 95%.	Relative Humidity is likely to range from 21% to 89%.				
 Wind speed ran 	ged from 1 to 2 km	oh	• Wind speed may reach upto 3- 4 kmph				
			Wind direction will be easterly				
Main Crops	Stage Pest/		Agro-meteorological Advisories				
		Diseases					
	Field crons						

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 to maturing 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	Maturing stage	Provide mulching to conserve moisture

Horticultural crop

General Recommendations

• Soils may be mulched with a variety of materials (straw, grass, other beneficial plant materials, *etc.*) to help retain moisture

• Growing rice on the same plots after ginger will help to reduce the menace of wilt problem in ginger due to *Ralstonia* solanacearum.

• Always remove from the growing area plant materials that show signs of a disease and destroy them or place them in the trash. Maintaining crop hygiene is an essential step for successful farming.

Mandarin	Fruiting to harvesting stage		• Harvested fruits should be kept under proper storage condition to ensure that there is no change in the quality even after months of storage
Vegetables(cab bage,	Heading to harvesting stage		• Give light irrigation on every alternate day for proper growth of the plant mulching recommended
cauliflower)		White rot or stalk rot:	• Avoiding excess moisture.Remove diseased leaves and destroy them
Pea	Maturity to harvesting stage		• Stake the plants for proper support and daily scouting of the field should be done for powdery mildew.

Livestock

General Recommendations

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- Ensure periodic vaccination of animals against FMD, Brucellosis, Haemorrahagic Septicaemia, Anthrax
- 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	• Vanaraja, a dual purpose bird is suitable for backyard rearing than the desi/local varieties whose production potential is very low. It thrives well under restricted feeding and limited managemental practices for backyard rearing. Its growth is faster, high egg laying and resistance to diseases qualities made.
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 Culling of infected animals and preemptive slaughter of susceptible animals within determined distances from the focus. Restriction of movement within a well-defined radius from the outbreak is applied to contain spread of the infection.
Fishery	 The key to enhance pond productivity and improve soil and water conditions lies in adoption of proper management measures. If the management measures are followed accordingly, a good harvest can be expected. It is advisable to consult a fisheries expert prior to taking any management measures



Integrated Agromet Advisory Service Bulletin from 21st to 25th Jan'17 Longleng District

Bulletin No:07/2017

Weather summary of the preceding week			Weather forecast valid upto 25 th Jan'17		
 Maximum and minimum temperatures ranged 22°C to 26°C and 8°C to 9°C, respectively. Relative humidity varied from 22% to 92%. 			 Probability of no rain the coming week. Max temp is likely to be 28°C - 29°C and the min temp 10°C to 11°C Sky is likely to be clear the coming week Relative Humidity is likely to range from 21% to 86%. Wind speed may reach upto 1- 2 kmph Wind direction will be southeasterly 		
Main Crops Stage Pest/ Diseases		Pest/ Diseases	Agro-meteorological Advisories		
General Recom	mondations		Field crops		

- 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.

	r					
TRC/WRC paddy	Storage stage	• Paddy grains can be mixed with neem leaves at the time of storage to reduce storage pests.				
Toria	Flowering to maturing 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	Maturing stage	Provide mulching to conserve moisture				
		Harticultural eron				

Horticultural crop

- Soils may be mulched with a variety of materials (straw, grass, other beneficial plant materials, etc.) to help retain moisture
- Growing rice on the same plots after ginger will help to reduce the menace of wilt problem in ginger due to Ralstonia solanacearum.
- Always remove from the growing area plant materials that show signs of a disease and destroy them or place them in the trash. Maintaining crop hygiene is an essential step for successful farming.

Mandarin	Fruiting to harvesting stage		• Harvested fruits should be kept under proper storage condition to ensure that there is no change in the quality even after months of storage			
Vegetables(cab bage,	Heading to harvesting stage		• Give light irrigation on every alternate day for proper growth of the plant mulching recommended			
cauliflower)		White rot or stalk rot:	• Avoiding excess moisture.Remove diseased leaves and destroy them			
Pea	Maturity to harvesting stage		• Stake the plants for proper support and daily scouting of the field should be done for powdery mildew.			
		J	Livestock			
10% - 20	 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	rd is suitable for backyard rearing than the desi/local varieties whose low. It thrives well under restricted feeding and limited managemental g. Its growth is faster, high egg laying and resistance to diseases qualities					
Piggery	high fever, ski Once the symp • Culling of in distances from	of movement within a well-defined radius from the outbreak is applied to contain spread of				
Fishery	• The key to enh management n expected.	neasures. If the r	uctivity and improve soil and water conditions lies in adoption of proper management measures are followed accordingly, a good harvest can be peries expert prior to taking any management measures			

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Integrated Agromet Advisory Service Bulletin from 21st to 25th Jan'17 Mokokchung District

Bulletin No:07/2017

Weather summary of the preceding week			Weather forecast valid upto 25 th Jan'17					
	ed the past week		Probability of no rain the coming week.					
			• Max temp is likely to be 28° C - 29° C and the min temp 9° C to 11° C					
23° C to 25° C at	nd 8° C to 9° C, respec	tively.	Sky is likely to be clear the coming week					
Relative humid	ity varied from 22%	to 85%.	Relative Humidity is likely to range from 21% to 75%.					
• Wind speed ran	nged from 1 to 2 kmp	h	• Wind speed may reach upto 1- 2 kmph					
			Wind direction will be southeasterly					
Main Crops	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 to maturing 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	Maturing stage	Provide mulching to conserve moisture
		Hoution lange

Horticultural crop

- Soils may be mulched with a variety of materials (straw, grass, other beneficial plant materials, etc.) to help retain moisture
- Growing rice on the same plots after ginger will help to reduce the menace of wilt problem in ginger due to *Ralstonia* solanacearum.
- Always remove from the growing area plant materials that show signs of a disease and destroy them or place them in the trash. Maintaining crop hygiene is an essential step for successful farming.

Mandarin	Fruiting to	•	Harvest	ed fruits	should	be ke	ept und	ler pr	roper	storage	condition	to
	harvesting stage		ensure	that ther	e is no	chang	ge in t	he qu	ality	even aft	er months	s of

				storage	
	Vegetables(cab bage, cauliflower)	Heading to harvesting stage	White rot or	 Give light irrigation on every alternate day for proper growth of the plant mulching recommended Avoiding excess moisture.Remove diseased leaves and destroy them 	
	Pea	Maturity to harvesting stage	stalk rot:	• Stake the plants for proper support and daily scouting of the field should be done for powdery mildew.	
		nui vesting stuge		Livestock	
 General Recommendations Ensure periodic vaccination of animals against FMD, Brucellosis, Haemorrahag Animals should be given mineral mixture along with salt regularly and wheat 20% in the daily ration during winter season to meet the energy requirement of Avoid feeding of damp and foul smelling feed to all livestock and poultry. 				ng with salt regularly and wheat grains, jaggery etc. may be provided @ 10% - meet the energy requirement of the animals	
	potential is very low. It thrives well under restricted feeding			d is suitable for backyard rearing than the desi/local varieties whose production rives well under restricted feeding and limited managemental practices for is faster, high egg laying and resistance to diseases qualities made.	
	Piggery	 Swine flu ma fever, skin le symptoms is r Culling of in from the focu 	y occur in pig esions, convulsi noticed, immedi fected animals s.	at all stages. It is a viral flu and highly contagious. Clinical signs include high ons, constipation followed by diarrhea and vomiting, less appetite. Once the ately informed the nearby veterinary doctor and preemptive slaughter of susceptible animals within determined distances hin a well-defined radius from the outbreak is applied to contain spread of the	
HEP3HEII ICAR	 <i>infection.</i> <i>Fishery</i> <i>The key to enhance pond productivity and improve soil and water conditions lies in adoption of p management measures. If the management measures are followed accordingly, a good harvest converted.</i> <i>It is advisable to consult a fisheries expert prior to taking any management measures</i> 				



Integrated Agromet Advisory Service Bulletin from 21st to 25th Jan'17 Mon District

Bulletin No:07/2017

Weather summary of the preceding week			Weather forecast valid upto 25 th Jan'17			
No rain occurre	d the past week		Probability of no rain the coming week.			
• Maximum and	minimum temper	atures ranged	• Max temp is likely to be 28° C - 29° C and the min temp 10° C to 11° C			
22^{0} C to 26^{0} C and	d 8° C to 9° C, respectively to 9° C, respectively to 10°	ctively.	Sky is likely to be clear the coming week			
Relative humidity varied from 22% to 95%			Relative Humidity is likely to range from 20% to 95%.			
 Wind speed range 	ged from 1 to 2 kmp	h	• Wind speed may reach upto 1- 2 kmph			
			Wind direction will be southeasterly			
Main Crops	Stage Pest/		Agro-meteorological Advisories			
	Diseases					
		Field around				

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 to maturing 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	Maturing stage		Provide mulching to conserve moisture

Horticultural crop

- Soils may be mulched with a variety of materials (straw, grass, other beneficial plant materials, etc.) to help retain moisture
- Growing rice on the same plots after ginger will help to reduce the menace of wilt problem in ginger due to *Ralstonia* solanacearum.
- Always remove from the growing area plant materials that show signs of a disease and destroy them or place them in the trash. Maintaining crop hygiene is an essential step for successful farming.

	Fruiting to harvesting stage		 Harvested fruits should be kept under proper storage condition to ensure that there is no change in the quality even after months of storage
Vegetables(cabb age,	Heading to harvesting		• Give light irrigation on every alternate day for proper growth of the plant mulching recommended
cauliflower)	stage	White rot or stalk rot:	• Avoiding excess moisture.Remove diseased leaves and destroy them
Pea	Maturity to harvesting stage		• Stake the plants for proper support and daily scouting of the field should be done for powdery mildew.
Tomato/ chilli	Fruiting to maturity stage		 Removed the infected leaves/ plant at timely interval Maintain an even moisture supply of water.
			Livestock
Avoid feed	ding of damp and f	oul smelling fee	d to all livestock and poultry.
Avoid feed Poultry	• Vanaraja, productio practices	a dual purpose n potential is ve for backyard r	d to all livestock and poultry. e bird is suitable for backyard rearing than the desi/local varieties whose ery low. It thrives well under restricted feeding and limited managemental earing. Its growth is faster, high egg laying and resistance to diseases
	 Vanaraja, productio practices qualities Swine flu high feve Once the Culling of distances 	a dual purpose n potential is ve for backyard r nade. may occur in pi r, skin lesions, o symptoms is noti of infected anim from the focus. n of movement w	e bird is suitable for backyard rearing than the desi/local varieties whose ery low. It thrives well under restricted feeding and limited managemental



Integrated Agromet Advisory Service Bulletin from 21st to 25th Jan'17 Peren District

Bulletin No:07/2017				
Weather sum	nmary of the preced	ling week	Weather forecast valid upto 25 th Jan'17	
			 Probability of no rain the coming week. Max temp is likely to be 28°C - 29°C and the min temp 9°C to 12°C 	
	· · · · · · · · · · · · · · · · · · ·		• Sky is likely to be clear the coming week	
	ity varied from 32%		• Relative Humidity is likely to range from 20% to 88%.	
• wind speed ran	iged from 1 to 2 km	pn	• Wind speed may reach upto 3- 4 kmph	
Main Crong	Sto an	Degt/	Wind direction will be mostly easterly	
Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories	
		Diseases		
			Field crops	
General Reco				
Remove a	all weeds containing	g seeds, but kee	p other vegetative rests on the land because that will reduce evaporation.	
Timing of	f irrigation - rather l	late afternoon o	or early evening to reduce evaporation. Check and repair all tools and	
machiner	y especially where t	here are water	leaks	
	• • •		event evaporation losses.	
TRC/WRC	Storage stage	1	• Paddy grains can be mixed with neem leaves at the time of storage to	
paddy	storage stage		reduce storage pests.	
pulling			reduce storage pesis.	
Toria	Flowering to	-	• Soil moisture conservation techniques like mulching with crop	
	maturing stage		residue is recommended	
			• Keep the field free from weeds and daily scouting of the field should	
			be done for aphid.	
Rabi maize	Maturing stage		Provide mulching to conserve moisture	
1. 1/1				
linseed/lentil	Maturing stage		• Soil moisture conservation techniques like mulching with crop residue is recommended	
			Horticultural crop	

- Soils may be mulched with a variety of materials (straw, grass, other beneficial plant materials, etc.) to help retain moisture
- Growing rice on the same plots after ginger will help to reduce the menace of wilt problem in ginger due to Ralstonia solanacearum.

Always ren	• Always remove from the growing area plant materials that show signs of a disease and destroy them or place them in the				
trash. Maintai	trash. Maintaining crop hygiene is an essential step for successful farming.				
Mandarin	Fruiting to harvesting stage		• Harvested fruits should be kept under proper storage condition to ensure that there is no change in the quality even after months of storage		
Vegetables(cab bage,	Heading to harvesting stage		• <i>Give light irrigation on every alternate day for proper growth of the plant mulching recommended</i>		
cauliflower)		White rot or stalk rot:	Avoiding excess moisture. Remove diseased leaves and destroy them		
Pea	Maturity to harvesting stage		• Stake the plants for proper support and daily scouting of the field should be done for powdery mildew.		
Tomato/ chilli	Fruiting to maturity stage		 Removed the infected leaves/ plant at timely interval Maintain an even moisture supply of water. 		

Livestock

- Ensure periodic vaccination of animals against FMD, Brucellosis, Haemorrahagic Septicaemia, Anthrax
- 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	• Vanaraja, a dual purpose bird is suitable for backyard rearing than the desi/local varieties whose production potential is very low. It thrives well under restricted feeding and limited managemental practices for backyard rearing. Its growth is faster, high egg laying and resistance to diseases qualities made.
PIII	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 Culling of infected animals and preemptive slaughter of susceptible animals within determined distances from the focus. Restriction of movement within a well-defined radius from the outbreak is applied to contain spread of the infection.
	Fishery	 The key to enhance pond productivity and improve soil and water conditions lies in adoption of proper management measures. If the management measures are followed accordingly, a good harvest can be expected. It is advisable to consult a fisheries expert prior to taking any management measures





Integrated Agromet Advisory Service Bulletin from 21st to 25th Jan'17 Phek District

Bulletin No:07/2017

Weather sur	mmary of the prec	eding week	Weather forecast valid upto 25 th Jan'17			
• No rain occu	urred the past week	K	 Probability of no rain the coming week. 			
	and minimum					
ranged 23 ⁰ C	C to 25° C and	7^{0} C to 9^{0} C,	Sky is likely to be clear the coming week			
respectively.			• Relative Humidity is likely to range from 21% to 83%.			
 Relative hum 	nidity varied from	20% to 85%.	• Wind speed may reach upto 1- 2 kmph			
• Wind speed a	ranged from 1 to 2	kmph	Wind direction will be mostly southerly			
Main	Stage	Pest/	Agro-meteorological Advisories			
Crops		Diseases				
	Field arong					

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 to maturing 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	Maturing stage		Provide mulching to conserve moisture

Horticultural crop

General Recommendations

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• Growing rice on the same plots after ginger will help to reduce the menace of wilt problem in ginger due to *Ralstonia* solanacearum.

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

Always	• Always remove from the growing area plant materials that show signs of a disease and destroy them or place them in the trash.					
Maintainir	Maintaining crop hygiene is an essential step for successful farming.					
Mandarin	in Fruiting to • Harvested fruits should be kept under proper storage condition to en					
	harvesting stage		that there is no change in the quality even after months of storage			
Vegetables(Heading to		• Give light irrigation on every alternate day for proper growth of the plant			
cabbage,	harvesting stage	mulching recommended				
cauliflower)		White rot or stalk rot:	Avoiding excess moisture. Remove diseased leaves and destroy them			
Pea	Maturity to harvesting stage		• Stake the plants for proper support and daily scouting of the field should be done for powdery mildew.			

Livestock

General Recommendations

भाकुअनुप ICAR

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	Poultry	• Vanaraja, a dual purpose bird is suitable for backyard rearing than the desi/local varieties whose production potential is very low. It thrives well under restricted feeding and limited managemental practices for backyard rearing. Its growth is faster, high egg laying and resistance to diseases qualities made.
	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 Culling of infected animals and preemptive slaughter of susceptible animals within determined distances from the focus. Restriction of movement within a well-defined radius from the outbreak is applied to contain spread of the infection.
B	Fishery	 The key to enhance pond productivity and improve soil and water conditions lies in adoption of proper management measures. If the management measures are followed accordingly, a good harvest can be expected. It is advisable to consult a fisheries expert prior to taking any management measures



Integrated Agromet Advisory Service Bulletin from 21st to 25th Jan'17 Tuensang District

Weather summary of the preceding week			Weather forecast valid upto 25 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 27° C - 28° C and the min temp 9° C to 10° C		
22^{0} C to 25^{0} C	and 6° C to 9° C, res	pectively.	Sky is likely to be clear the coming week		
Relative hum	idity varied from 19	9% to 95%.	• Relative Humidity is likely to range from 24% to 93%.		
• Wind speed ranged from 1 to 2 kmph			Wind speed may reach upto 1 - 2 kmph		
			• Wind direction will be mostly southerly		
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 to maturing 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	Maturing stage		Provide mulching to conserve moisture

Horticultural crop

General Recommendations

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- Growing rice on the same plots after ginger will help to reduce the menace of wilt problem in ginger due to *Ralstonia* solanacearum.
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ICAR RESEARCH COMPLEX FOR NEH REGION (Indian Council of Agricultural Research) NAGALAND CENTER, JHARNAPANI. MEDZIPHEMA

	Mandarin	Fruiting to harvesting stage		• Harvested fruits should be kept under proper storage condition to ensure that there is no change in the quality even after months of storage			
	Vegetables(c abbage, cauliflower)	Heading to harvesting stage	White rot or	Give light irrigation on every alternate day for proper growth of the plant mulching recommended Avoiding excess moisture.Remove diseased leaves and destroy them			
	J		stalk rot:				
	Pea	Maturity to harvesting stage		• Stake the plants for proper support and daily scouting of the field should be done for powdery mildew.			
		commendations		Livestock			
	• Anima 10% - 1	e periodic vaccination of animals against FMD, Brucellosis, Haemorrahagic Septicaemia, Anthrax als should be given mineral mixture along with salt regularly and wheat grains, jaggery etc. may be provided @ 20% in the daily ration during winter season to meet the energy requirement of the animals feeding of damp and foul smelling feed to all livestock and poultry.					
	Poultry	• Vanaraja, a dual purpose bird is suitable for backyard rearing than the desi/local varieties whose production potential is very low. It thrives well under restricted feeding and limited managemental practices for backyard rearing. Its growth is faster, high egg laying and resistance to diseases qualities made.					
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भाषुरुअनुध ICAR	Fishery	• The key to e managemen expected.	nhance pond p t measures. If t	roductivity and improve soil and water conditions lies in adoption of proper the management measures are followed accordingly, a good harvest can be fisheries expert prior to taking any management measures			



Integrated Agromet Advisory Service Bulletin from 21st to 25th Jan'17 Wokha District

Bulletin No:07/2017

			Builetin N0:07/2017					
Weather s	ummary of the preced	ing week	Weather forecast valid upto 25 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 27° C - 28° C and the min temp 8° C to 10° C					
23^{0} C to 25^{0} C	and 8° C to 10° C, respe	ctively.	Sky is likely to be clear the coming week					
 Relative humi 	dity varied from 26%	o 81%.	• Relative Humidity is likely to range from 20% to 70%.					
• Wind speed ra	anged from 1 to 4 kmpl	า	• 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 Reco	ommendations							
• Remove	e all weeds containing s	seeds, but keep	other vegetative rests on the land because that will reduce evaporation.					
Timing	of irrigation - rather la	te afternoon or	early evening to reduce evaporation. Check and repair all tools and					
machine	ery especially where the	ere are water le	aks					
	• • •		vent evaporation losses.					
TRC/WRC	Storage stage		• Paddy grains can be mixed with neem leaves at the time of					
naddv			storage to reduce storage pests					

paddy	Storage stage	• Faday grains can be mixed with neem leaves at the time of storage to reduce storage pests.
Toria	Flowering to maturing 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	Maturing stage	Provide mulching to conserve moisture
		Horticultural cron

Horticultural crop

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	•	• Always remove from the growing area plant materials that show signs of a disease and destroy them or place them in the trash. Maintaining crop hygiene is an essential step for successful farming.						
	Mandarin	Fruiting to harvesting stage		• Harvested fruits should be kept under proper storage condition to ensure that there is no change in the quality even after months of storage				
	Vegetables(ca bbage,	Heading to harvesting stage		• <i>Give light irrigation on every alternate day for proper growth of the plant mulching recommended</i>				
	cauliflower)		White rot or stalk rot:	• Avoiding excess moisture.Remove diseased leaves and destroy them				
	Pea	Maturity to harvesting stage		• Stake the plants for proper support and daily scouting of the field should be done for powdery mildew.				
				Livestock				
	 Ensure periodic vaccination of animals against FMD, Brucellosis, Haemorrahagic Septicaemia, Anthrax Animals should be given mineral mixture along with salt regularly and wheat grains, jaggery etc. may 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	• Vanaraja, a da production poi	ual purpose b tential is very	<i>ird is suitable for backyard rearing than the desi/local varieties whose low. It thrives well under restricted feeding and limited managemental ring. Its growth is faster, high egg laying and resistance to diseases</i>				
		qualities made	· · · · · · · · · · · · · · · · · · ·	ing. Its growin is juster, high egg tuying and resistance to diseases				
	Piggery• Swine flu may occur in pig at all stages. It is a viral flu and highly contagious. Clinical signs high fever, skin lesions, convulsions, constipation followed by diarrhea and vomiting, less a Once the symptoms is noticed, immediately informed the nearby veterinary doctor							
 Culling of infected animals and preemptive slaughter of susceptible animals with distances from the focus. Restriction of movement within a well-defined radius from the outbreak is applied to conthe infection. 								
HIGHRING ICAR	Fishery • The key to enhance pond productivity and improve soil and water conditions lies in adoption of proper management measures. If the management measures are followed accordingly, a good harvest can be expected. • It is advisable to consult a fisheries expert prior to taking any management measures							







Integrated Agromet Advisory Service Bulletin from 21st to 25th Jan'17 Zunheboto District

Bulletin No:07/2017

Weather si	ummary of the prec	eding week	Weather forecast valid upto 25 th Jan'17
	urred the past week		 Probability of no rain the coming week.
Maximum ar	nd minimum tempe	eratures ranged	
	C and 7^{0} C to 9^{0} C, re		Sky is likely to be clear the coming week
Relative hum	hidity varied from 1	9% to 95%.	Relative Humidity is likely to range from 21% to 77%.
• Wind speed	ranged from 1 to 2	kmph	• Wind speed may reach up to 1- 2 kmph
			Wind direction will be mostly southeasterly
Main Crops	Stage	Pest/	Agro-meteorological Advisories
		Diseases	
			T: 11

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 to maturing 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	Maturing stage		Provide mulching to conserve moisture

Horticultural crop

General Recommendations

- Soils may be mulched with a variety of materials (straw, grass, other beneficial plant materials, *etc.*) to help retain moisture
- Growing rice on the same plots after ginger will help to reduce the menace of wilt problem in ginger due to *Ralstonia* solanacearum.
- Always remove from the growing area plant materials that show signs of a disease and destroy them or place them in the

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

Mandarin	Fruiting to harvesting stage		 Harvested fruits should be kept under proper storage condition to ensure that there is no change in the quality even after months of storage 		
Vegetables(cabbage,	Heading to harvesting stage		• Give light irrigation on every alternate day for proper growth of the plant mulching recommended		
cauliflower)		White rot or stalk rot:	• Avoiding excess moisture.Remove diseased leaves and destroy them		
Pea	Maturity to harvesting stage		• Stake the plants for proper support and daily scouting of the field should be done for powdery mildew.		
Avoid Poultry	• Vanaraja, d	a dual purpose	• • •		
 Ensure periodic vaccination of animals against FMD, Brucellosis, Haemorrahagic Septicaemia, Anthrax Animals should be given mineral mixture along with salt regularly and wheat grains, jaggery etc. may be provi 10% - 20% in the daily ration during winter season to meet the energy requirement of the animals 					
Poultry	• Vanaraja, a dual purpose bird is suitable for backyard rearing than the desi/local varieties whose production potential is very low. It thrives well under restricted feeding and limited managemental practices for backyard rearing. Its growth is faster, high egg laying and resistance to diseases qualities				
Piggery • Swine flu may occur in pig at all stages. It is a viral flu and highly contagious. Clinical sig fever, skin lesions, convulsions, constipation followed by diarrhea and vomiting, less app symptoms is noticed, immediately informed the nearby veterinary doctor					
	from the foc	cus.	s and preemptive slaughter of susceptible animals within determined distance. ithin a well-defined radius from the outbreak is applied to contain spread of the		
Fishery	• The key to e managemen expected.	at measures. If t	roductivity and improve soil and water conditions lies in adoption of proper he management measures are followed accordingly, a good harvest can be		
	• It is advisal	ole to consult a	fisheries expert prior to taking any management measures		



Integrated Agromet Advisory Service Bulletin from 21st to 25th Jan'17 Dimapur District

Bulletin No:07/2017

Weather s	ummary of the prece	ding week	Weather forecast valid upto 25 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 27° C - 28° C and the min temp 9° C to 11° C
21° C to 25° C	and 8° C to 10° C, resp	ectively.	Sky is likely to be clear the coming week
 Relative hum 	idity varied from 35%	to 95%.	Relative Humidity is likely to range from 23% to 72%.
• Wind speed r	anged from 2 to 3 km	ph	• 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.

TRC/WRC paddy	Storage stage	• Paddy grains can be mixed with neem leaves at the time of storage to reduce storage pests.
Toria	Flowering to maturing 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	Maturing stage	Provide mulching to conserve moisture
linseed/lentil	Maturing stage	• Soil moisture conservation techniques like mulching with crop residue is recommended

Horticultural crop

General Recommendations

- Soils may be mulched with a variety of materials (straw, grass, other beneficial plant materials, etc.) to help retain moisture
- Growing rice on the same plots after ginger will help to reduce the menace of wilt problem in ginger due to *Ralstonia* solanacearum.
- Always remove from the growing area plant materials that show signs of a disease and destroy them or place them in the

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

Mandarin	Fruiting to		• Harvested fruits should be kept under proper storage condition
	harvesting stage		ensure that there is no change in the quality even after month storage
Vegetables(c abbage,	Heading to harvesting stage		• Give light irrigation on every alternate day for proper growth opplant mulching recommended
cauliflower)		White rot or stalk rot:	• Avoiding excess moisture.Remove diseased leaves and destroy the
Pea	Maturity to harvesting stage		• Stake the plants for proper support and daily scouting of the should be done for powdery mildew.
Tomato/ chilli	Fruiting to maturity stage		 <i>Removed the infected leaves/ plant at timely interval</i> <i>Maintain an even moisture supply of water.</i>
 Ensure Anima 10% - 1 	Is should be given min 20% in the daily ration	eral mixture al during winter se	<i>Livestock</i> st FMD, Brucellosis, Haemorrahagic Septicaemia, Anthrax long with salt regularly and wheat grains, jaggery etc. may be provide eason to meet the energy requirement of the animals d to all livestock and poultry.
 Ensure Anima 10% - 1 	periodic vaccination of ls should be given min 20% in the daily ration feeding of damp and fo • Vanaraja, a a production po	eral mixture al during winter so ul smelling feed dual purpose b otential is very	st FMD, Brucellosis, Haemorrahagic Septicaemia, Anthrax long 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.
 Ensure Anima 10% - 1 Avoid Poultry	 periodic vaccination of ls should be given min 20% in the daily ration feeding of damp and fo Vanaraja, a a production po practices for made. 	eral mixture al during winter s ul smelling feed dual purpose b otential is very backyard rearin	st FMD, Brucellosis, Haemorrahagic Septicaemia, Anthrax long 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>bird is suitable for backyard rearing than the desi/local varieties we</i> <i>low. It thrives well under restricted feeding and limited managemented for backyard rearing than the desistance to diseases quality</i>
 Ensure Anima 10% - 1 Avoid 	 periodic vaccination of ls should be given min 20% in the daily ration feeding of damp and fo Vanaraja, a d production po practices for a made. Swine flu may fever, skin les symptoms is n 	eral mixture al during winter s ul smelling feed dual purpose b otential is very backyard rearin occur in pig at ions, convulsio oticed, immedia	st FMD, Brucellosis, Haemorrahagic Septicaemia, Anthrax long with salt regularly and wheat grains, jaggery etc. may be provide eason to meet the energy requirement of the animals d to all livestock and poultry. <i>pird is suitable for backyard rearing than the desi/local varieties w</i> <i>how. It thrives well under restricted feeding and limited managementer</i> <i>pird is growth is faster, high egg laying and resistance to diseases quality</i> <i>fall stages. It is a viral flu and highly contagious. Clinical signs include</i> <i>ns, constipation followed by diarrhea and vomiting, less appetite. Once</i> <i>ately informed the nearby veterinary doctor</i>
 Ensure Anima 10% - 1 Avoid Poultry	 periodic vaccination of ls should be given min 20% in the daily ration feeding of damp and fo Vanaraja, a d production po practices for a made. Swine flu may fever, skin les symptoms is n Culling of info from the focus 	eral mixture al during winter se ul smelling feed dual purpose b otential is very backyard rearin occur in pig at ions, convulsio oticed, immedia ected animals a	st FMD, Brucellosis, Haemorrahagic Septicaemia, Anthrax long with salt regularly and wheat grains, jaggery etc. may be provide eason to meet the energy requirement of the animals d to all livestock and poultry. <i>pird is suitable for backyard rearing than the desi/local varieties w</i> <i>low. It thrives well under restricted feeding and limited managementer</i> <i>ng. Its growth is faster, high egg laying and resistance to diseases quarter</i> <i>f all stages. It is a viral flu and highly contagious. Clinical signs include</i> <i>ns, constipation followed by diarrhea and vomiting, less appetite. Once</i>

भाकुअनुष ICAR



Integrated Agromet Advisory Service Bulletin from 21st to 25th Jan'17 Kiphire District

Bulletin No:07/2017

Weather summary of the preceding week			Weather forecast valid upto 25 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 27° C - 28° C and the min temp 9° C to 10° C
22° C to 25° C an	d 8° C to 9° C, respectively	ively.	Sky is likely to be clear the coming week
Relative humidi	ty varied from 17% (o 95%.	• Relative Humidity is likely to range from 26% to 90%.
• Wind speed ranged from 1 to 2 kmph			• Wind speed may reach upto 1- 2 kmph
			Wind direction will be mostly southerly
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 to maturing 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	Maturing stage		Provide mulching to conserve moisture
			Horticultural grop

Horticultural crop

- Soils may be mulched with a variety of materials (straw, grass, other beneficial plant materials, etc.) to help retain moisture
- Growing rice on the same plots after ginger will help to reduce the menace of wilt problem in ginger due to Ralstonia solanacearum.
- Always remove from the growing area plant materials that show signs of a disease and destroy them or place them in the trash. Maintaining crop hygiene is an essential step for successful farming.

Mandarin	Fruiting to harvesting stage		• Harvested fruits should be kept under proper storage condition to ensure that there is no change in the quality even after months of storage
Vegetables(cab bage,	Heading to harvesting stage	White rot or	 Give light irrigation on every alternate day for proper growth of the plant mulching recommended Avoiding excess moisture.Remove diseased leaves and destroy them
cauliflower)		stalk rot:	
Pea	Maturity to harvesting stage		• Stake the plants for proper support and daily scouting of the field should be done for powdery mildew.

Livestock

General Recommendations

भाकुअनुप ICAR

- Ensure periodic vaccination of animals against FMD, Brucellosis, Haemorrahagic Septicaemia, Anthrax
- 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	• Vanaraja, a dual purpose bird is suitable for backyard rearing than the desi/local varieties whose production potential is very low. It thrives well under restricted feeding and limited managemental practices for backyard rearing. Its growth is faster, high egg laying and resistance to diseases qualities made.			
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 Culling of infected animals and preemptive slaughter of susceptible animals within determined distances from the focus. Restriction of movement within a well-defined radius from the outbreak is applied to contain spread of the infection. 			
\$ Fishery	 The key to enhance pond productivity and improve soil and water conditions lies in adoption of proper management measures. If the management measures are followed accordingly, a good harvest can be expected. It is advisable to consult a fisheries expert prior to taking any management measures 			