

## Integrated Agromet Advisory Service Bulletin 14<sup>th</sup> to 18<sup>th</sup> Jan'15 Kohima District

Bulletin No:04/2015

Weather summary of the preceding week			Weather forecast valid upto 11 <sup>th</sup> Jan '15
No rain occurred the past week.			Possibility of no rain the coming week
Maximum and minimum temperatures ranged from			Max temp is expected to be around $17^{0}$ C - $18^{0}$ C and min temp is expected
	d $3^{0}$ C to $5^{0}$ C, respect		to be around $3^{\circ}$ C to $4^{\circ}$ C.
	y varied from 37% t		Possibility of clear sky the coming week
Wind speed ranged from 4 to 5 kmph.			Relative Humidity will range from 31% to 92%
while speed ranged from 4 to 5 kinpli.			Wind speed 2- 4 kmph
			Wind direction will blow from easterly
Main Crops	Stage	Pest/	Agro-meteorological Advisories
Main Crops	Stage	Diseases	Agro-meteorological Auvisories
T. 11		Diseases	
Field crops			
Crops	Storage	-	Seeds of crops like rice, soybean, groundnut etc must be dried properly
			before storage.
Toria /Mustard	Vegetative	Aphid	If possibility of irrigation can be done, apply one irrigation of 6cm dept
	/Flowering stage		of water may be applied either at 50% flowering or at early siliqu
			formation stage.
Rabi maize		Leaf blight	Due to cloudy and foggy weather there may be attack of leaf blight in th
			maize field. So proper precaution should be carried out.
Horticultural cr	ops		
Probability no ra	ain will occur the c	coming 3 or 4 of	days, therefore the farmers are advised to irrigate the crops daily or at a
interval dependin	ng on the availability	y of water.	
Citrus	-		As the period is dry, prepare basin around the plants followed b
			mulching with local grasses to overcome the dry spell.
Pea	Flowering to		Sufficient moisture is essential during flowering stage too; hence car
	harvesting stage		should be taken to provide irrigation during these periods too.
Vegetables	-	_	The forecast suggests mainly dry weather conditions. Wherever possible
v egetaetes			a protective irrigation may be applied to reduce moisture stress durin
			critical stages
Cruciferous	Vegetative stage		Regular maintenance of soil moisture is essential during growth for goo
•	vegetative stage		production.
crops	Vagatativa ataga		
Cole crops	Vegetative stage		Mulching is essential to conserve moisture and timely weeding should be
0.	TT (*		carried out.
Ginger	Harvesting stage	-	When an infected ginger field is harvested, implements used like date

				spade, basket, fork etc should be thoroughly washed before storing or using it in another field.	
	Banana	Vegetative/	Pseudostem	Weather is favorable for occurrence of pseudostem weevil in banana. It is	
		harvesting stage	weevil	advised to remove the dried and diseased leaves and to kill the weevil.	
	Poultry	Poultry birds should be regularly observed and vaccinate against ranikhet disease.			
		As the temperature has dropped, poultry birds (day old to 25 days old) should be provided with artificial			
		heating through lightning of electric bulb to protect them from low temperature.			
	Cattles and	Milk yield decreases markedly if temperature is less than 5°C or more than 27°C. The decrease is more			
	buffaloes	marked in high humidity.			
HIG93Figu ICAR	Fishery	Mud also prevents	sunlight from p	ood habitat for fish. Muddy water can adversely affect fish reproduction. enetrating the water and reduces microscopic plant (phytoplankton) ich of the time, look for the cause of the problem and try to correct it.	



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			Bulletin No:04/2015	
Weather sum	mary of the preced	ling week	Weather forecast valid upto 11 <sup>th</sup> Jan '15	
No rain occurred the past week. Maximum and minimum temperature range from 19°C to 21°C and 2°C to 5°C, respectively. Relative humidity varied from 39% to 95%. Wind speed ranged from 4 to 5 kmph.			Possibility of no rain the coming week Max temp is expected to be around $21^{0}$ C - $22^{0}$ C and min temp is expected t be around $4^{0}$ C to $5^{0}$ C. Possibility of clear sky the coming week Relative Humidity will range from 31% to 93% The wind speed may reach upto 2 - 4 kmph Wind direction will blow from easterly	
Main Crops	Stage	Pest/ diseases	Agro-meteorological Advisories	
Field crops				
Crops	Storage	-	Seeds of crops like rice, soybean, groundnut etc must be dried properly before storage.	
Toria /Mustard	Vegetative /Flowering stage	Aphid	If possibility of irrigation can be done, apply one irrigation of 6cm depth of water may be applied either at 50% flowering or at early siliqua formation stage.	
Rabi maize		Leaf blight	Due to cloudy and foggy weather there may be attack of leaf blight in the maize field. So proper precaution should be carried out.	
depending on the	•		ys, therefore the farmers are advised to irrigate the crops daily or at an interva	
Citrus	-		As the period is dry, prepare basin around the plants followed by mulching with local grasses to overcome the dry spell.	
Pea	Flowering to harvesting stage		Sufficient moisture is essential during flowering stage too; hence care should be taken to provide irrigation during these periods too.	
			The forecast suggests mainly dry weather conditions. Wherever possible, a	
Vegetables	-	-	protective irrigation may be applied to reduce moisture stress during critical stages	
Vegetables Cruciferous crops	- Vegetative stage	-	protective irrigation may be applied to reduce moisture stress during critica	

Ginger	r Harvesting stage	-	When an infected ginger field is harvested, implements used like dao, spade, basket, fork etc should be thoroughly washed before storing or using it in another field.		
Banan	have stage	Pseudostem weevil	Weather is favorable for occurrence of pseudostem weevil in banana. It is advised to remove the dried and diseased leaves and to kill the weevil.		
Poultr	As the temperat	<ul> <li>Poultry birds should be regularly observed and vaccinate against ranikhet disease.</li> <li>As the temperature has dropped, poultry birds (day old to 25 days old) should be provided with artificial heating through lightning of electric bulb to protect them from low temperature.</li> </ul>			
Cattles buffalo		Milk yield decreases markedly if temperature is less than $5^{\circ}$ C or more than $27^{\circ}$ C. The decrease is more marked in high humidity.			
Fisher	Mud also preven	A muddy pond does not provide good habitat for fish. Muddy water can adversely affect fish reproduction. Mud also prevents sunlight from penetrating the water and reduces microscopic plant (phytoplankton) growth. If your pond is muddy much of the time, look for the cause of the problem and try to correct it.			



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**Bulletin No: 04/2015** 

			Dunetin No: 04/2015				
Weather summary of the preceding week			Weather forecast valid upto 11 <sup>th</sup> Jan '15				
No rain occurred the past week			Possibility of no rain the coming week				
Maximum an	d minimum temper	catures ranged	Max temp is expected to be around $17^{\circ}C - 18^{\circ}C$ and min temp is expected to be				
from $17^{\circ}$ C to $18^{\circ}$ C and $1^{\circ}$ C to $2^{\circ}$ C,			around $4^{0}$ C to $5^{0}$ C.				
respectively.			Possibility of clear sky the coming week				
Relative hum	idity varied from 42	2% to 98%.	Relative Humidity will range from 35% to 95%				
Wind speed r	anged from 2 to 4 k	mph.	The wind speed 1- 2 kmph				
			Wind direction will blow from southeasterly				
Main	Stage	Pest/	Agro-meteorological Advisories				
Crops		Diseases					
Field crops	Field crops						
Crops	Storage	-	Seeds of crops like rice, soybean, groundnut etc must be dried properly before				
-			storage.				
Toria	Vegetative	Aphid	If possibility of irrigation can be done, apply one irrigation of 6cm depth of water				
/Mustard	/Flowering		may be applied either at 50% flowering or at early siliqua formation stage.				
	stage						
Rabi maize		Leaf blight	Due to cloudy and foggy weather there may be attack of leaf blight in the maize				
			field. So proper precaution should be carried out.				
Horticultura	Horticultural crops						
	Probability no rain will occur the coming 3 or 4 days, therefore the farmers are advised to irrigate the crops daily or at an interval						
depending on	the availability of	water.					
Citrus	-		As the period is dry, prepare basin around the plants followed by mulching with				
			local grasses to overcome the dry spell.				
Pea	Flowering to		Sufficient moisture is essential during flowering stage too; hence care should be				
	harvesting stage		taken to provide irrigation during these periods too.				
Vegetables	-	-	The forecast suggests mainly dry weather conditions. Wherever possible, a				
			protective irrigation may be applied to reduce moisture stress during critical stages				
Cruciferous	Vegetative	-	Regular maintenance of soil moisture is essential during growth for good				
crops	stage		production.				

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	Cole crops	Vegetative		Mulching is essential to conserve moisture and timely weeding should be carried			
		stage		out.			
	Ginger	Harvesting	-	When an infected ginger field is harvested, implements used like dao, spade, basket,			
		stage		fork etc should be thoroughly washed before storing or using it in another field.			
	Banana	Vegetative/	Pseudostem	Weather is favorable for occurrence of pseudostem weevil in banana. It is advised to			
		harvesting stage	weevil	remove the dried and diseased leaves and to kill the weevil.			
	Poultry	Poultry birds should be regularly observed and vaccinate against ranikhet disease.					
		As the temperature has dropped, poultry birds (day old to 25 days old) should be provided with artificial heating through lightning of electric bulb to protect them from low temperature.					
	Cattles and	Milk yield decreases markedly if temperature is less than $5^{\circ}$ C or more than $27^{\circ}$ C. The decrease is more marked in high					
	buffaloes	humidity.					
HIEPSHIL	Fishery	A muddy pond does not provide good habitat for fish. Muddy water can adversely affect fish reproduction. Mud also prevents sunlight from penetrating the water and reduces microscopic plant (phytoplankton) growth. If your pond is muddy much of the time, look for the cause of the problem and try to correct it.					