

ICAR Research Complex for N.E.H. Region Manipur Centre, Lamphelpat, Imphal - 795 004

"Gramin Krishi Mausam Seva"



#### **MANIPUR AGROMET ADVISORY BULLETIN**

District: Imphal East

#### **Date of issue:** 25<sup>th</sup> September, 2018 **Period:** 26<sup>th</sup> to 30<sup>th</sup> September, 2018

Significant past weather for the preceding bi-weekly of Imphal - West (20 <sup>th</sup> to 24 <sup>th</sup> September, 2018) Observed no rainfall with partly cloudy to mainly cloudy sky but overcast sky on 21 <sup>st</sup> and 24 <sup>th</sup> morning. Maximum temperature recorded ranged from 28.0 to 31.4 °C and minimum of 19.7 to 21.5 °C with mean relative humidity 89.2 % max and 66.6 % min was recorded in the past three days & average wind speed was 2.8– 4.4 km/ hr.	(26 <sup>th</sup> to 30 <sup>th</sup> Septen Likely to have thun Wednesday and ma minimum temp. 22-	for next five days of Imphal East nber, 2018) nderstorm accompanied with lightning at isolated places on inly cloudy to overcast sky with maximum temp. 32-35 °C & -23 °C. Relative humidity may reach upto 98 % (max RH) & e average wind speed may be 2-4 km/hr.
Warı 26 September: Thunderstorm accompanied with liş	0	t isolated places over Manipur
General Advisories:	St	tandardized precipitation outlook using ERF:
* Harvest mature crops before rains.		
* Sprays may be given as there is likely to have no rains during next five days.	*	SPI condition from 20 <sup>th</sup> Sept. to 17 October, 2018 is severely
* Wind breaks may be prepared for young plants of nursery in open fields. Also, pre	pare temporary dr	ry to extremely dry, hence irrigation may be provided
rain shelter structures for nursery.	w	herever needed.
* Provide clean drinking water for birds and animals especially during monsoon per	iod. Use	
sanitizer in drinking water.		
* Ensure that the sheds of birds and animals are well constructed so as to avoid dam	age during high	

\* Ensure that the sheds of birds and animals are well constructed so as to avoid damage during high speed wind days.

Field Crops			1				
Name of the crop	Stag	e	Pest a	and disease	Agro-meteorological advisories		
					- Maintain water level at 5-8 cm.		
	Rice Grain filling to		Aphid, mealy bugs		Spray Fipronil @ 2g/15 litres or Imidachloprid 17.8 SL @ 7 ml/ 15 litres of water.		
Rice			Plant He Thrips	oppers or	Spray Coragen 3-5 ml per 15 lit of water at the early stage of infestation.		
				olight/ Bakani	Carbendazim @ 30-40g/ 15 lit of water or Hexaclonazole @ 15ml/ 15 lit of water.		
			Smut di	sease of rice	Kocide @ 5g/15lit water (spray after 2:00 pm only) to the crops in flowering stage after rains.		
Soybean/ Groundnut/	Maturity to				Harvest mature crops and sundry properly for better threshing.		
Blackgram/ Rice Bean	harvesting						
Seeds storage	Post-harvest managemen				For seed purpose store the seeds in <i>RC-Seed Bin</i> after proper drying and cleaning of seeds along with dry charcoal at 80:20 w/w ratios. Check for moisture content or weight of charcoal and dry if required. For grains, store grains in well ventilated godowns after drying properly. Spray Malathion 1% on the walls of stores.		
Horticulture Crops							
Name of the crop	Stag	e	Pest a	and disease	Agro-meteorological advisories		
Rabi vegetables	Seed/ plantin				- Procure good quality seeds of onion, carrot, raddish, coriander, cauliflower,		
0	material coll	ection			cabbage, broccoli, potato, French bean, pea, broad bean, etc. Prepare land for sowing		
	and land pre	paration			or planting.		
					- Dip root in Carbendazim @ 10g/ 5 lit of water for 30 min before transplanting in raised beds.		
Tree bean	Trees above				Apply (60gm DAP + 10g MOP + 20g Carbofuran 3G / per plant.		
Ginger/ Turmeric	Bearing plan Rhizome init		Shoot borer		- Spray Nimbicidine @ 2-5ml/lit water.		
Animal Sciences	Kinzonic init	auon	Shoot b	лсі	- Spray Rumolekine @ 2-Smitht water.		
Name of bird/ animal	Stage	Dise	acal		Agro-meteorological advisories		
Ivalle of DITU/ allillar	Stage	Manag			Agro-meteorological auvisories		
Poultry (Chicken/	All age	Dewormi		Deworming a	gainst Helminth parasites using Piperazine liquid @ 30-40ml for 100 birds in drinking		
Duck)	groups	2000111			give half of the dose on second day.		
Sheep/ Goat	All age	Vaccinat	ion		s are not vaccinated against F.M.D., B.Q., H.S., Enterotoxaemia, etc. do it in this		
	groups			month.			
		Fasciolio	sis	Give Tolzan-	F @ 15ml orally/ kg b. wt. It must be associated with vitamins like Livozyme @ 50ml		
				twice daily.			
Pig	All age	Managen	nent		mixture like Vimicon and Ascagold suspension in pregnant sow @ 20g and 20ml resp.		
	groups			in feed.			
	except the				, add Butox liquid @ 2 ml/ lit of water and use the solution twice a week while brushing		
Cattle	young ones	N/a a star a 4	Vaccination Vaccinate aga		accinate against FMD.		
Cattle	All age				ainst B.Q., F.M.D. & H.S. if not yet vaccinated. h Albomac suspension@60-90ml for 300kg body weight or 20-30ml for 100 kg body		
	groups Deworming excepts the		ng	De-worm with weight.	n Anoomae suspension@ov-youn for young body weight or 20-youni for 100 kg body		
young ones Milk fever		r	Give 100-150ml of mixture calcium and phosphorous daily.				
Fisheries		THE ICVC	-	5110 100-150	and a minute contrain and phosphorous daily:		
Carp culture	- Provide feed	2 times @ 5	5 % body	weight per dav	having 30% crude protein fortified with vitamins and mineral.		
					ne regularly by netting.		





ICAR Research Complex for N.E.H. Region

Manipur Centre, Lamphelpat, Imphal - 795 004

"Gramin Krishi Mausam Seva"



Nodal Officer, AMFU- Lamphelpat



Manipur Centre, Lamphelpat, Imphal - 795 004 "Gramin Krishi Mausam Seva"

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## **MANIPUR AGROMET ADVISORY BULLETIN**

**District: Imphal West** 

# **Date of issue:** 25<sup>th</sup> September, 2018 **Period:** 26<sup>th</sup> to 30<sup>th</sup> September, 2018

Significant past weather for the preceding bi-weekly of Imphal - West (20 <sup>th</sup> to 24 <sup>th</sup> September, 2018) Observed no rainfall with partly cloudy to mainly cloudy sky but overcast sky on 21 <sup>st</sup> and 24 <sup>th</sup> morning. Maximum temperature recorded ranged from 28.0 to 31.4 °C and minimum of 19.7 to 21.5 °C with mean relative humidity 89.2 % max and 66.6 % min was recorded in the past three days & average wind speed was 2.8–4.4 km/ hr.	Weather forecast for next five days of Imphal West (26 <sup>th</sup> to 30 <sup>th</sup> September, 2018) Likely to have thunderstorm accompanied with lightning at isolated places on Wednesday and mainly cloudy to overcast sky with maximum temp. 31-33 °C & minimum temp. 23 °C. Relative humidity may reach upto 95 % (max RH) & 54 % (min RH). The average wind speed may be 2-4 km/hr.		
Warr 26 September: Thunderstorm accompanied with lig	0	xely at isolated places over Manipur	
General Advisories:		Standardized precipitation outlook using ERF:	
* Harvest mature crops before rains.			
* Sprays may be given as there is likely to have no rains during next five days.		* SPI condition from 20 <sup>th</sup> Sept. to 17 October, 2018 is severely dry to	
* Wind breaks may be prepared for young plants of nursery in open fields. Also, prepare	temporary	extremely dry, hence irrigation may be provided wherever needed.	
rain shelter structures for nursery.			
* Provide clean drinking water for birds and animals especially during monsoon period.			
in drinking water.			
* Ensure that the sheds of birds and animals are well constructed so as to avoid damage of	luring high		
speed wind days.			

Field Crops							
Name of the crop	Stag	e	Pest a	and disease	Agro-meteorological advisories		
					- Maintain water level at 5-8 cm.		
			Aphid, mealy bugs		Spray Fipronil @ 2g/15 litres or Imidachloprid 17.8 SL @ 7 ml/ 15 litres of water.		
Rice	Grain filling		Plant H	oppers or	Spray Coragen 3-5 ml per 15 lit of water at the early stage of infestation.		
	maturity sta	ge	Thrips				
				olight/ Bakani	Carbendazim @ 30-40g/ 15 lit of water or Hexaclonazole @ 15ml/ 15 lit of water.		
			Smut di	sease of rice	Kocide @ 5g/15lit water (spray after 2:00 pm only) to the crops in flowering stage		
Soybean/ Groundnut/	Maturity to				after rains. Harvest mature crops and sundry properly for better threshing.		
Blackgram/ Rice Bean	harvesting				That vest mature crops and sundry property for better un esting.		
Seeds storage	in testing				For seed purpose store the seeds in RC-Seed Bin after proper drying and cleaning of		
	Post-harves	t			seeds along with dry charcoal at 80:20 w/w ratios. Check for moisture content or		
	managemen	t			weight of charcoal and dry if required. For grains, store grains in well ventilated		
					godowns after drying properly. Spray Malathion 1% on the walls of stores.		
Horticulture Crops							
Name of the crop	Stag		Pest a	and disease	Agro-meteorological advisories		
Rabi vegetables	Seed/ plantin				- Procure good quality seeds of onion, carrot, raddish, coriander, cauliflower,		
	material coll and land pre				cabbage, broccoli, potato, French bean, pea, broad bean, etc. Prepare land for sowing or planting.		
		paration			- Dip root in Carbendazim @ 10g/ 5 lit of water for 30 min before transplanting in		
					raised beds.		
Tree bean	Trees above	7yrs age/			Apply (60gm DAP + 10g MOP + 20g Carbofuran 3G / per plant.		
	Bearing plan						
<b>Ginger/ Turmeric</b>	Rhizome init	iation	Shoot borer		- Spray Nimbicidine @ 2-5ml/lit water.		
Animal Sciences		1					
Name of bird/ animal	Stage	Dise			Agro-meteorological advisories		
Poultry (Chicken/	A11	Manag		Demonstra			
Duck)	All age groups	Dewormi	ng		gainst Helminth parasites using Piperazine liquid @ 30-40ml for 100 birds in drinking give half of the dose on second day.		
Sheep/ Goat	All age	Vaccinat	ion		s are not vaccinated against F.M.D., B.Q., H.S., Enterotoxaemia, etc. do it in this		
Sheep/ Goat	groups	vaccinat		month.			
	9	Fasciolio	sis	Give Tolzan-	F @ 15ml orally/ kg b. wt. It must be associated with vitamins like Livozyme @ 50ml		
				twice daily.			
Pig	All age	Manager	nent		mixture like Vimicon and Ascagold suspension in pregnant sow @ 20g and 20ml resp.		
	groups		in feed.				
	except the				, add Butox liquid @ 2 ml/ lit of water and use the solution twice a week while brushing		
Cattle	young ones All age				'accinate against FMD. ainst B.Q., F.M.D. & H.S. if not yet vaccinated.		
Cattle	groups	Deworming De-worm wit weight.			h Albomac suspension@60-90ml for 300kg body weight or 20-30ml for 100 kg body		
	excepts the				a mooning suspension e of youn for bookg body weight of 20-boin 101 100 kg body		
	young ones			0	ml of mixture calcium and phosphorous daily.		
Fisheries							
Carp culture					having 30% crude protein fortified with vitamins and mineral.		
	- Sampling of f	ish for grov	wth, diseas	se should be do	ne regularly by netting.		

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Manipur Centre, Lamphelpat, Imphal - 795 004

"Gramin Krishi Mausam Seva"



### **MANIPUR AGROMET ADVISORY BULLETIN**

District: Senapati

# **Date of issue:** 25<sup>th</sup> September, 2018 **Period:** 26<sup>th</sup> to 30<sup>th</sup> September, 2018

Significant past weather for the preceding bi-weekly of Imphal - West (20 <sup>th</sup> to 24 <sup>th</sup> September, 2018) Observed no rainfall with partly cloudy to mainly cloudy sky but overcast sky on 21 <sup>st</sup> and 24 <sup>th</sup> morning. Maximum temperature recorded ranged from 28.0 to 31.4 °C and minimum of 19.7 to 21.5 °C with mean relative humidity 89.2 % max and 66.6 % min was recorded in the past three days & average wind speed was 2.8–4.4 km/ hr.	Wednesday and mainly cloudy	accompanied with lightning at isolated places on to overcast sky with maximum temp. 29-31 °C & ive humidity may reach upto 99 % (max RH) & 71
Warr 26 September: Thunderstorm accompanied with lig		ces over Manipur
General Advisories: * Harvest mature crops before rains. * Sprays may be given as there is likely to have no rains during next five days. * Wind breaks may be prepared for young plants of nursery in open fields. Also, prepare structures for nursery. * Provide clean drinking water for birds and animals especially during monsoon period. drinking water.	temporary rain shelter severely provided	dized precipitation outlook using ERF: ndition from 20 <sup>th</sup> Sept. to 17 October, 2018 is dry to extremely dry, hence irrigation may be I wherever needed.
* Ensure that the sheds of birds and animals are well constructed so as to avoid damage of days.	uring high speed wind	

Field Crops							
Name of the crop	Stag	e	Pest a	and disease	Agro-meteorological advisories		
					- Maintain water level at 5-8 cm.		
	ice Grain filling to maturity stage		Aphid, mealy bugs		Spray Fipronil @ 2g/15 litres or Imidachloprid 17.8 SL @ 7 ml/ 15 litres of water.		
Rice			Plant H Thrips	oppers or	Spray Coragen 3-5 ml per 15 lit of water at the early stage of infestation.		
			Sheath	olight/ Bakani	Carbendazim @ 30-40g/15 lit of water or Hexaclonazole @ 15ml/15 lit of water.		
			Smut di	sease of rice	Kocide @ 5g/15lit water (spray after 2:00 pm only) to the crops in flowering stage after rains.		
Soybean/ Groundnut/	Maturity to				Harvest mature crops and sundry properly for better threshing.		
Blackgram/ Rice Bean	harvesting						
Seeds storage	Post-harves managemen				For seed purpose store the seeds in <i>RC-Seed Bin</i> after proper drying and cleaning of seeds along with dry charcoal at 80:20 w/w ratios. Check for moisture content or weight of charcoal and dry if required. For grains, store grains in well ventilated		
					godowns after drying properly. Spray Malathion 1% on the walls of stores.		
Horticulture Crops							
Name of the crop	Stag	e	Pest a	and disease	Agro-meteorological advisories		
Rabi vegetables	Seed/ plantir	ıg			- Procure good quality seeds of cabbage, French bean, pea, broad bean, etc. Prepare		
	material coll				land for sowing or planting.		
	and land pre	paration			- Dip root in Carbendazim @ 10g/ 5 lit of water for 30 min before transplanting in raised beds.		
Tree bean	Trees above				Apply (60gm DAP + 10g MOP + 20g Carbofuran 3G / per plant.		
	Bearing plan						
<b>Ginger/ Turmeric</b>	Rhizome init	iation	Shoot be	orer	- Spray Nimbicidine @ 2-5ml/lit water.		
Animal Sciences		r		1			
Name of bird/ animal	Stage	Dise Manag	ement		Agro-meteorological advisories		
Poultry (Chicken/ Duck)	All age groups	Dewormi	ng	water. Again	gainst Helminth parasites using Piperazine liquid @ 30-40ml for 100 birds in drinking give half of the dose on second day.		
Sheep/ Goat	All age groups	Vaccinat	ion	If the animals month.	s are not vaccinated against F.M.D., B.Q., H.S., Enterotoxaemia, etc. do it in this		
		Fasciolio	sis	Give Tolzan-l twice daily.	F @ 15ml orally/ kg b. wt. It must be associated with vitamins like Livozyme @ 50ml		
Pig	All age groups	Managen	Management Give mineral in feed. To avoid tick,		mixture like Vimicon and Ascagold suspension in pregnant sow @ 20g and 20ml resp.		
	except the young ones				, add Butox liquid @ 2 ml/ lit of water and use the solution twice a week while brushing accinate against FMD.		
Cattle	All age	Vaccinat			ainst B.Q., F.M.D. & H.S. if not yet vaccinated.		
	groups	Deworm		De-worm with	h Albomac suspension@60-90ml for 300kg body weight or 20-30ml for 100 kg body		
	excepts the		weig				
	young ones	Milk feve	er	Give 100-150	ml of mixture calcium and phosphorous daily.		
Fisheries							
Carp culture       - Provide feed 2 times @ 5 % body weight per day having 30% crude protein fortified with vitamins and mineral.         - Sampling of fish for growth, disease should be done regularly by netting.							



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"Gramin Krishi Mausam Seva"



### **MANIPUR AGROMET ADVISORY BULLETIN**

**District:** Tamenglong

# **Date of issue:** 25<sup>th</sup> September, 2018 **Period:** 26<sup>th</sup> to 30<sup>th</sup> September, 2018

Significant past weather for the preceding bi-weekly of	Weather forecast for next five days of Tamenglong			
Imphal - West (20 <sup>th</sup> to 24 <sup>th</sup> September, 2018)	(26 <sup>th</sup> to 30 <sup>th</sup> September, 2018)			
Observed no rainfall with partly cloudy to mainly cloudy sky but overcast sky on 21 <sup>st</sup>	Likely to have thunderstorm accompanied with lightning at iso	lated places on		
and 24 <sup>th</sup> morning. Maximum temperature recorded ranged from 28.0 to 31.4 °C and	Wednesday and mainly cloudy to overcast sky with maximum ter	np. 29-31 °C &		
minimum of 19.7 to 21.5 °C with mean relative humidity 89.2 % max and 66.6 % min	minimum temp. 21-23 °C. Relative humidity may reach upto 98 %	(max RH) & 69		
was recorded in the past three days & average wind speed was 2.8–4.4 km/ hr.	% (min RH). The average wind speed may be 2 km/hr.			
	ing:			
26 September: Thunderstorm accompanied with li	htning very likely at isolated places over Manipur			
General Advisories:	Standardized precipitation outlook using ERF:			
* Harvest mature crops before rains.				
* Sprays may be given as there is likely to have no rains during next five days.	* SPI condition from 20 <sup>th</sup> Sept. to 17 October, 2018 i	s severely dry to		
* Wind breaks may be prepared for young plants of nursery in open fields. Also, prepar	temporary extremely dry, hence irrigation may be provided whe	rever needed.		
rain shelter structures for nursery.				
* Provide clean drinking water for birds and animals especially during monsoon period.	Use sanitizer			
in drinking water.				
* Ensure that the sheds of birds and animals are well constructed so as to avoid damage	luring high			
speed wind days.				

Field Crops							
Name of the crop	Stag	e	Pest a	and disease	Agro-meteorological advisories		
					- Maintain water level at 5-8 cm.		
			Aphid, mealy		Spray Fipronil @ 2g/15 litres or Imidachloprid 17.8 SL @ 7 ml/ 15 litres of water.		
Rice	Grain filling maturity stag		Plant Ho Thrips	oppers or	Spray Coragen 3-5 ml per 15 lit of water at the early stage of infestation.		
			Sheath h	olight/ Bakani	Carbendazim @ 30-40g/ 15 lit of water or Hexaclonazole @ 15ml/ 15 lit of water.		
			Smut dis	sease of rice	Kocide @ 5g/15lit water (spray after 2:00 pm only) to the crops in flowering stage after rains.		
Soybean/ Groundnut/	Maturity to				Harvest mature crops and sundry properly for better threshing.		
Blackgram/ Rice Bean	harvesting						
Seeds storage	Post-harvest managemen	-			For seed purpose store the seeds in <i>RC-Seed Bin</i> after proper drying and cleaning of seeds along with dry charcoal at 80:20 w/w ratios. Check for moisture content or weight of charcoal and dry if required. For grains, store grains in well ventilated godowns after drying properly. Spray Malathion 1% on the walls of stores.		
Horticulture Crops	• •		•				
Name of the crop	Stag	e	Pest a	and disease	Agro-meteorological advisories		
Rabi vegetables	Seed/ plantir material coll and land pre	g ection			<ul> <li>Procure good quality seeds of onion, carrot, raddish, coriander, cauliflower, cabbage, broccoli, potato, French bean, pea, broad bean, etc. Prepare land for sowing or planting.</li> <li>Dip root in Carbendazim @ 10g/ 5 lit of water for 30 min before transplanting in raised beds.</li> </ul>		
Tree bean	Trees above Bearing plan				Apply (60gm DAP + 10g MOP + 20g Carbofuran 3G / per plant.		
<b>Ginger/ Turmeric</b>	Rhizome init	iation	Shoot be	orer	- Spray Nimbicidine @ 2-5ml/lit water.		
Animal Sciences							
Name of bird/ animal	Stage	Dise Manag			Agro-meteorological advisories		
Poultry (Chicken/	All age	Dewormi	ng	Deworming a	gainst Helminth parasites using Piperazine liquid @ 30-40ml for 100 birds in drinking		
Duck)	groups		-		give half of the dose on second day.		
Sheep/ Goat	All age groups	Vaccinat	ion	If the animals month.	s are not vaccinated against F.M.D., B.Q., H.S., Enterotoxaemia, etc. do it in this		
		Fasciolio	sis	Give Tolzan-l twice daily.	F @ 15ml orally/ kg b. wt. It must be associated with vitamins like Livozyme @ 50ml		
Pig	All age groups	Managen	Management Give minera in feed.		mixture like Vimicon and Ascagold suspension in pregnant sow @ 20g and 20ml resp.		
	except the young ones				, add Butox liquid @ 2 ml/ lit of water and use the solution twice a week while brushing accinate against FMD.		
Cattle	All age	Vaccination Vaccinate ag		Vaccinate aga	ainst B.Q., F.M.D. & H.S. if not yet vaccinated.		
	groups excepts the	Deworming			h Albomac suspension@60-90ml for 300kg body weight or 20-30ml for 100 kg body		
	young ones				ml of mixture calcium and phosphorous daily.		
Fisheries							
Carp culture		ide feed 2 times @ 5 % body weight per day having 30% crude protein fortified with vitamins and mineral. pling of fish for growth, disease should be done regularly by netting.					

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Manipur Centre, Lamphelpat, Imphal - 795 004

"Gramin Krishi Mausam Seva"



## **MANIPUR AGROMET ADVISORY BULLETIN**

District: Thoubal

#### **Date of issue:** 25<sup>th</sup> September, 2018 **Period:** 26<sup>th</sup> to 30<sup>th</sup> September, 2018

	Significant past weather for the preceding bi-weekly of Imphal - West (20 <sup>th</sup> to 24 <sup>th</sup> September, 2018) Observed no rainfall with partly cloudy to mainly cloudy sky but overcast sky on 21 <sup>st</sup> and 24 <sup>th</sup> morning. Maximum temperature recorded ranged from 28.0 to 31.4 °C and minimum of 19.7 to 21.5 °C with mean relative humidity 89.2 % max and 66.6 % min was recorded in the past three days & average wind speed was 2.8–4.4 km/ hr.	Weather forecast for next five days of Thoubal (26 <sup>th</sup> to 30 <sup>th</sup> September, 2018) Likely to have thunderstorm accompanied with lightning at isolated places on Wednesday and mainly cloudy to overcast sky with maximum temp. 32-35 °C & minimum temp. 22-23 °C. Relative humidity may reach upto 99 % (max RH) & 76 % (min RH). The average wind speed may be 3-4 km/hr.		
	Warni 26 September: Thunderstorm accompanied with ligh		xely at isolated places over Manipur	
	General Advisories:		Standardized precipitation outlook using ERF:	
-	* Harvest mature crops before rains.			
	* Sprays may be given as there is likely to have no rains during next five days.		* SPI condition from 20 <sup>th</sup> Sept. to 17 October, 2018 is severely dry to	
	* Wind breaks may be prepared for young plants of nursery in open fields. Also, prepare t	temporary	extremely dry, hence irrigation may be provided wherever needed.	
	rain shelter structures for nursery.			
	* Provide clean drinking water for birds and animals especially during monsoon period. U			
	in drinking water.			
	* Ensure that the sheds of birds and animals are well constructed so as to avoid damage d	uring high		
2	speed wind days.			

Field Crops			-				
Name of the crop	Stag	ge (	Pest a	and disease	Agro-meteorological advisories		
					- Maintain water level at 5-8 cm.		
-				nealy bugs	Spray Fipronil @ 2g/15 litres or Imidachloprid 17.8 SL @ 7 ml/ 15 litres of water.		
Rice	Grain filling maturity sta		Plant Hoppers or Thrips		Spray Coragen 3-5 ml per 15 lit of water at the early stage of infestation.		
			Sheath b	olight/ Bakani	Carbendazim @ 30-40g/ 15 lit of water or Hexaclonazole @ 15ml/ 15 lit of water.		
			Smut disease of rice		Kocide @ 5g/15lit water (spray after 2:00 pm only) to the crops in flowering stage after rains.		
Soybean/ Groundnut/	Maturity to				Harvest mature crops and sundry properly for better threshing.		
Blackgram/ Rice Bean	harvesting						
Seeds storage	Post-harves managemen	-			For seed purpose store the seeds in <i>RC-Seed Bin</i> after proper drying and cleaning of seeds along with dry charcoal at 80:20 w/w ratios. Check for moisture content or weight of charcoal and dry if required. For grains, store grains in well ventilated godowns after drying properly. Spray Malathion 1% on the walls of stores.		
Horticulture Crops							
Name of the crop	Stag	e	Pest a	and disease	Agro-meteorological advisories		
Rabi vegetables	Seed/ plantin	ng			- Procure good quality seeds of onion, carrot, raddish, coriander, cauliflower,		
	material coll	ection			cabbage, broccoli, potato, French bean, pea, broad bean, etc. Prepare land for sowing		
	and land pre	paration			or planting.		
					- Dip root in Carbendazim @ 10g/ 5 lit of water for 30 min before transplanting in		
<b>m</b>	The second second	<b>7</b>			raised beds.		
Tree bean	Trees above Bearing plan				Apply (60gm DAP + 10g MOP + 20g Carbofuran 3G / per plant.		
Ginger/ Turmeric	Rhizome init		Shoot borer		- Spray Nimbicidine @ 2-5ml/lit water.		
Animal Sciences				· · ·			
Name of bird/ animal	Stage	Dise	ase/		Agro-meteorological advisories		
	~ ingt	Manag					
Poultry (Chicken/	All age	Dewormi		Deworming a	gainst Helminth parasites using Piperazine liquid @ 30-40ml for 100 birds in drinking		
Duck)	groups		-		ater. Again give half of the dose on second day.		
Sheep/ Goat	All age	Vaccinat	ion	If the animals are not vaccinated against F.M.D., B.Q., H.S., Enterotoxaemia, etc. do it in this			
	groups			month.			
		Fasciolio	sis	Give Tolzan-l twice daily.	F @ 15ml orally/ kg b. wt. It must be associated with vitamins like Livozyme @ 50ml		
Pig	All age	Managen	nent	Give mineral mixture like Vimicon and Ascagold suspension in pregnant sow @ 20g and 20ml resp.			
	groups		To avoid tick,		in feed.		
	except the young ones				, add Butox liquid @ 2 ml/ lit of water and use the solution twice a week while brushing accinate against FMD.		
Cattle	All age				gainst B.Q., F.M.D. & H.S. if not yet vaccinated.		
	groups	Dewormi	ng		h Albomac suspension@60-90ml for 300kg body weight or 20-30ml for 100 kg body		
	excepts the	, v		weight.			
	young ones	Milk feve	er	Give 100-150	ml of mixture calcium and phosphorous daily.		
Fisheries							
Carp culture					having 30% crude protein fortified with vitamins and mineral. ne regularly by netting.		

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ICAR Research Complex for N.E.H. Region Manipur Centre, Lamphelpat, Imphal - 795 004





Manipur Centre, Lamphelpat, Imphal - 795 004

"Gramin Krishi Mausam Seva"



## **MANIPUR AGROMET ADVISORY BULLETIN**

District: Ukhrul

#### **Date of issue:** 25<sup>th</sup> September, 2018 **Period:** 26<sup>th</sup> to 30<sup>th</sup> September, 2018

Significant past weather for the preceding bi-weekly of Imphal - West (20 <sup>th</sup> to 24 <sup>th</sup> September, 2018) Observed no rainfall with partly cloudy to mainly cloudy sky but overcast sky on 21 <sup>st</sup> and 24 <sup>th</sup> morning. Maximum temperature recorded ranged from 28.0 to 31.4 °C and minimum of 19.7 to 21.5 °C with mean relative humidity 89.2 % max and 66.6 % min was recorded in the past three days & average wind speed was 2.8–4.4 km/ hr.	Weather forecast for next five days of Ukhrul (26 <sup>th</sup> to 30 <sup>th</sup> September, 2018) Likely to have thunderstorm accompanied with lightning at isolat Wednesday and mainly cloudy to overcast sky with maximum temp minimum temp. 21-23 °C. Relative humidity may reach upto 95 % (m % (min RH). The average wind speed may be 3 km/hr.	. 29-31 °C &
Warn 26 September: Thunderstorm accompanied with lig	0	
General Advisories: * Harvest mature crops before rains. * Sprays may be given as there is likely to have no rains during next five days. * Wind breaks may be prepared for young plants of nursery in open fields. Also, prepare structures for nursery. * Provide clean drinking water for birds and animals especially during monsoon period. drinking water. * Ensure that the sheds of birds and animals are well constructed so as to avoid damage of days.	provided wherever needed. Use sanitizer in	2018 is

Field Crops					
Name of the crop	Stag	;e	Pest a	and disease	Agro-meteorological advisories
					- Maintain water level at 5-8 cm.
			Aphid, mealy bugs		Spray Fipronil @ 2g/15 litres or Imidachloprid 17.8 SL @ 7 ml/ 15 litres of water.
Rice	Grain filling	to	Plant H	oppers or	Spray Coragen 3-5 ml per 15 lit of water at the early stage of infestation.
	maturity sta	ge	Thrips	••	
			Sheath I	blight/ Bakani	Carbendazim @ 30-40g/15 lit of water or Hexaclonazole @ 15ml/15 lit of water.
			Smut di	sease of rice	Kocide @ 5g/15lit water (spray after 2:00 pm only) to the crops in flowering stage
					after rains.
Soybean/ Groundnut/	Maturity to				Harvest mature crops and sundry properly for better threshing.
Blackgram/ Rice Bean	harvesting				
Seeds storage	D (1				For seed purpose store the seeds in <i>RC-Seed Bin</i> after proper drying and cleaning of
	Post-harves				seeds along with dry charcoal at 80:20 w/w ratios. Check for moisture content or
	managemen	ıt			weight of charcoal and dry if required. For grains, store grains in well ventilated godowns after drying properly. Spray Malathion 1% on the walls of stores.
Horticulture Crops					gouowns arter urymg property. Spray Malatinon 1 /0 on the wans of stores.
· · ·	<u></u>		Dest		
Name of the crop	Stag		Pest	and disease	Agro-meteorological advisories
Rabi vegetables	Seed/ plantin material coll				- Procure good quality seeds of cabbage, French bean, pea, broad bean, etc. Prepare land for sowing or planting.
	and land pre				- Dip root in Carbendazim @ 10g/ 5 lit of water for 30 min before transplanting in
		paration			raised beds.
Tree bean	Trees above	7vrs age/			Apply (60gm DAP + 10g MOP + 20g Carbofuran 3G / per plant.
	Bearing plan				
<b>Ginger/ Turmeric</b>	Rhizome ini	tiation	Shoot be	orer	- Spray Nimbicidine @ 2-5ml/lit water.
Animal Sciences					
Name of bird/ animal	Stage	Dise	ase/		Agro-meteorological advisories
		Manag			
Poultry (Chicken/	All age	Deworm	ng		gainst Helminth parasites using Piperazine liquid @ 30-40ml for 100 birds in drinking
Duck)	groups				give half of the dose on second day.
Sheep/ Goat	All age	Vaccinat	ion		s are not vaccinated against F.M.D., B.Q., H.S., Enterotoxaemia, etc. do it in this
	groups			month.	
		Fasciolio	S1S	Give Tolzan- twice daily.	F @ 15ml orally/ kg b. wt. It must be associated with vitamins like Livozyme @ 50ml
Pig	All age	Managen	nont		mixture like Vimicon and Ascagold suspension in pregnant sow @ 20g and 20ml resp.
115	groups	Managen	hent	in feed.	mixture nike v mineon and Ascagold suspension in pregnant sow @ 20g and 20mi resp.
	except the		To avoid tick,		, add Butox liquid @ 2 ml/ lit of water and use the solution twice a week while brushing
	young ones				accinate against FMD.
Cattle	All age				ainst B.Q., F.M.D. & H.S. if not yet vaccinated.
	groups	Dewormi			h Albomac suspension@60-90ml for 300kg body weight or 20-30ml for 100 kg body
	excepts the		weight.		
	young ones	Milk feve	er	Give 100-150	ml of mixture calcium and phosphorous daily.
Fisheries					
Carp culture					having 30% crude protein fortified with vitamins and mineral.
	- Sampling of f	ish for grov	wth, disea	se should be do	ne regularly by netting.



ICAR Research Complex for N.E.H. Region Manipur Centre, Lamphelpat, Imphal - 795 004

"Gramin Krishi Mausam Seva"



## **MANIPUR AGROMET ADVISORY BULLETIN**

District: Bishnupur

#### **Date of issue:** 25<sup>th</sup> September, 2018 **Period:** 26<sup>th</sup> to 30<sup>th</sup> September, 2018

	Significant past weather for the preceding bi-weekly of Imphal - West (20 <sup>th</sup> to 24 <sup>th</sup> September, 2018) Observed no rainfall with partly cloudy to mainly cloudy sky but overcast sky on 21 <sup>st</sup> and 24 <sup>th</sup> morning. Maximum temperature recorded ranged from 28.0 to 31.4 °C and minimum of 19.7 to 21.5 °C with mean relative humidity 89.2 % max and 66.6 % min was recorded in the past three days & average wind speed was 2.8–4.4 km/ hr.	Weather forecast for next five days of Bishnupur (26 <sup>th</sup> to 30 <sup>th</sup> September, 2018) Likely to have thunderstorm accompanied with lightning at isolated places on Wednesday and mainly cloudy to overcast sky with maximum temp. 32-35 °C & minimum temp. 22-23 °C. Relative humidity may reach upto 100 % (max RH) & 63 % (min RH). The average wind speed may be 0-2 km/hr.		
	Warni 26 September: Thunderstorm accompanied with ligh	xely at isolated places over Manipur		
Ī	General Advisories:		Standardized precipitation outlook using ERF:	
	* Harvest mature crops before rains.			
	* Sprays may be given as there is likely to have no rains during next five days.		* SPI condition from 20 <sup>th</sup> Sept. to 17 October, 2018 is severely dry to	
	* Wind breaks may be prepared for young plants of nursery in open fields. Also, prepare t	extremely dry, hence irrigation may be provided wherever needed.		
	rain shelter structures for nursery.			
	* Provide clean drinking water for birds and animals especially during monsoon period. U			
	in drinking water.			
	* Ensure that the sheds of birds and animals are well constructed so as to avoid damage du			
	speed wind days.			

Field Crops							
Name of the crop	Stag	ge Pest and disease		and disease	Agro-meteorological advisories		
					- Maintain water level at 5-8 cm.		
				nealy bugs	Spray Fipronil @ 2g/15 litres or Imidachloprid 17.8 SL @ 7 ml/ 15 litres of water.		
Rice	Grain filling to maturity stage		Plant Hoppers or Thrips		Spray Coragen 3-5 ml per 15 lit of water at the early stage of infestation.		
			Sheath blight/ Bakani		Carbendazim @ 30-40g/ 15 lit of water or Hexaclonazole @ 15ml/ 15 lit of water.		
			Smut disease of rice		Kocide @ 5g/15lit water (spray after 2:00 pm only) to the crops in flowering stage after rains.		
Soybean/ Groundnut/	Maturity to				Harvest mature crops and sundry properly for better threshing.		
Blackgram/ Rice Bean	harvesting						
Seeds storage	ds storage Post-harvest management				For seed purpose store the seeds in <i>RC-Seed Bin</i> after proper drying and cleaning of seeds along with dry charcoal at 80:20 w/w ratios. Check for moisture content or weight of charcoal and dry if required. For grains, store grains in well ventilated godowns after drying properly. Spray Malathion 1% on the walls of stores.		
Horticulture Crops							
Name of the crop	Stag		Pest a	and disease	Agro-meteorological advisories		
Rabi vegetables	Rabi vegetables Seed/ planting material collection				- Procure good quality seeds of onion, carrot, raddish, coriander, cauliflower, cabbage, broccoli, potato, French bean, pea, broad bean, etc. Prepare land for sowing		
and land preparation				or planting. - Dip root in Carbendazim @ 10g/ 5 lit of water for 30 min before transplanting in raised beds.			
Tree bean Trees above 7yrs age/ Bearing plants				Apply (60gm DAP + 10g MOP + 20g Carbofuran 3G / per plant.			
Ginger/ Turmeric	Rhizome init	iation	Shoot borer		- Spray Nimbicidine @ 2-5ml/lit water.		
Animal Sciences							
Name of bird/ animal	Stage	Dise Manag			Agro-meteorological advisories		
Poultry (Chicken/	All age	Dewormi	ng		gainst Helminth parasites using Piperazine liquid @ 30-40ml for 100 birds in drinking		
Duck)	groups				give half of the dose on second day.		
Sheep/ Goat	All age groups	Vaccinat	ion	If the animals are not vaccinated against F.M.D., B.Q., H.S., Enterotoxaemia, etc. do it in this month.			
		Fascioliosis		Give Tolzan-F @ 15ml orally/ kg b. wt. It must be associated with vitamins like Livozyme @ 50ml twice daily.			
Pig	All age groups			Give mineral in feed.	ve mineral mixture like Vimicon and Ascagold suspension in pregnant sow @ 20g and 20ml resp. feed.		
	except the young ones				, add Butox liquid @ 2 ml/ lit of water and use the solution twice a week while brushing faccinate against FMD.		
Cattle	All age Vaccination Vaccinate ag			ainst B.Q., F.M.D. & H.S. if not yet vaccinated.			
groups Deworming excepts the		De-worm with Albomac suspension@60-90ml for 300kg body weight or 20-30ml for 100 kg body weight.					
	young ones	Milk feve			ml of mixture calcium and phosphorous daily.		
Fisheries							
Carp culture	Carp culture       - Provide feed 2 times @ 5 % body weight per day having 30% crude protein fortified with vitamins and mineral.         - Sampling of fish for growth, disease should be done regularly by netting.						

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ICAR Research Complex for N.E.H. Region

Manipur Centre, Lamphelpat, Imphal - 795 004

"Gramin Krishi Mausam Seva"



## **MANIPUR AGROMET ADVISORY BULLETIN**

**District:** Chandel

# **Date of issue:** 25<sup>th</sup> September, 2018 **Period:** 26<sup>th</sup> to 30<sup>th</sup> September, 2018

Significant past weather for the preceding bi-weekly of Imphal - West (20 <sup>th</sup> to 24 <sup>th</sup> September, 2018) Observed no rainfall with partly cloudy to mainly cloudy sky but overcast sky on 21 <sup>st</sup> and 24 <sup>th</sup> morning. Maximum temperature recorded ranged from 28.0 to 31.4 °C and minimum of 19.7 to 21.5 °C with mean relative humidity 89.2 % max and 66.6 % min was recorded in the past three days & average wind speed was 2.8–4.4 km/ hr.	Weather forecast for next five days of Chandel (26 <sup>th</sup> to 30 <sup>th</sup> September, 2018) Likely to have thunderstorm accompanied with lightning at isolated places on Wednesday and mainly cloudy to overcast sky with maximum temp. 31-33 °C & minimum temp. 23 °C. Relative humidity may reach upto 96 % (max RH) & 66 % (min RH). The average wind speed may be 3 km/hr.		
Warn 26 September: Thunderstorm accompanied with lig	xely at isolated places over Manipur		
General Advisories:		Standardized precipitation outlook using ERF:	
<ul> <li>* Harvest mature crops before rains.</li> <li>* Sprays may be given as there is likely to have no rains during next five days.</li> </ul>		* SPI condition from 20 <sup>th</sup> Sept. to 17 October, 2018 is severely dry to	
* Wind breaks may be prepared for young plants of nursery in open fields. Also, prepare	extremely dry, hence irrigation may be provided wherever needed.		
rain shelter structures for nursery.			
* Provide clean drinking water for birds and animals especially during monsoon period.			
in drinking water.			
* Ensure that the sheds of birds and animals are well constructed so as to avoid damage d speed wind days.			

Field Crops						
Name of the crop	Stag	ge	Pest and disease		Agro-meteorological advisories	
					- Maintain water level at 5-8 cm.	
				nealy bugs	Spray Fipronil @ 2g/15 litres or Imidachloprid 17.8 SL @ 7 ml/ 15 litres of water.	
Rice	Grain filling to maturity stage		Plant Hoppers or Thrips		Spray Coragen 3-5 ml per 15 lit of water at the early stage of infestation.	
				olight/ Bakani	Carbendazim @ 30-40g/ 15 lit of water or Hexaclonazole @ 15ml/ 15 lit of water.	
			Smut disease of rice		Kocide @ 5g/15lit water (spray after 2:00 pm only) to the crops in flowering stage after rains.	
Soybean/ Groundnut/	Maturity to				Harvest mature crops and sundry properly for better threshing.	
Blackgram/ Rice Bean	harvesting					
Seeds storage	Post-harvest management				For seed purpose store the seeds in <i>RC-Seed Bin</i> after proper drying and cleaning of seeds along with dry charcoal at 80:20 w/w ratios. Check for moisture content or weight of charcoal and dry if required. For grains, store grains in well ventilated godowns after drying properly. Spray Malathion 1% on the walls of stores.	
Horticulture Crops						
Name of the crop	Stag		Pest and disease		Agro-meteorological advisories	
Rabi vegetables	Seed/ plantin				- Procure good quality seeds of onion, carrot, raddish, coriander, cauliflower,	
	material coll				cabbage, broccoli, potato, French bean, pea, broad bean, etc. Prepare land for sowing	
	and land pre	paration			or planting.	
					- Dip root in Carbendazim @ 10g/ 5 lit of water for 30 min before transplanting in raised beds.	
Tree bean Trees above 7vrs age/				Apply (60gm DAP + 10g MOP + 20g Carbofuran 3G / per plant.		
Tree bean Trees above 7yrs age/ Bearing plants				Apply (login DAT + log MOT + 20g Carboruran 567 per plant.		
Ginger/ Turmeric	Rhizome init		Shoot borer		- Spray Nimbicidine @ 2-5ml/lit water.	
Animal Sciences						
Name of bird/ animal	Stage	Dise			Agro-meteorological advisories	
		Manag		-		
Poultry (Chicken/	All age	Dewormi	ng		gainst Helminth parasites using Piperazine liquid @ 30-40ml for 100 birds in drinking	
Duck)	groups	<b>T</b> 7			give half of the dose on second day. s are not vaccinated against F.M.D., B.Q., H.S., Enterotoxaemia, etc. do it in this	
Sheep/ Goat	All age groups	Vaccinat	ion	If the animals month.	s are not vaccinated against F.M.D., B.Q., H.S., Enterotoxaemia, etc. do it in this	
	groups	Fasciolio	sis			
r ascionosis		<b>JL</b> 5	twice daily.			
Pig	All age			Give mineral	mixture like Vimicon and Ascagold suspension in pregnant sow @ 20g and 20ml resp.	
groups in feed. except the To avoid ti		in feed.				
			oid tick, add Butox liquid @ 2 ml/ lit of water and use the solution twice a week while brushing			
	young ones				accinate against FMD.	
			ainst B.Q., F.M.D. & H.S. if not yet vaccinated.			
	groups	Ũ			h Albomac suspension@60-90ml for 300kg body weight or 20-30ml for 100 kg body	
	excepts the young ones	Milk feve	r	weight.	ml of mixture calcium and phosphorous daily.	
Fisheries	Joung ones	wink ieve	1	Give 100-150	ini or mixture carcium and phosphorous dany.	
Carp culture	- Provide feed	2 times @ 4	% hody	weight ner dav	having 30% crude protein fortified with vitamins and mineral.	
our p culture					ne regularly by netting.	



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ICAR Research Complex for N.E.H. Region

Manipur Centre, Lamphelpat, Imphal - 795 004 "Gramin Krishi Mausam Seva" aligostel

## MANIPUR AGROMET ADVISORY BULLETIN

District: Churachandpur

#### **Date of issue:** 25<sup>th</sup> September, 2018 **Period:** 26<sup>th</sup> to 30<sup>th</sup> September, 2018

Significant past weather for the preceding bi-weekly of Imphal - West (20 <sup>th</sup> to 24 <sup>th</sup> September, 2018) Observed no rainfall with partly cloudy to mainly cloudy sky but overcast sky on 21 <sup>st</sup> and 24 <sup>th</sup> morning. Maximum temperature recorded ranged from 28.0 to 31.4 °C and minimum of 19.7 to 21.5 °C with mean relative humidity 89.2 % max and 66.6 % min was recorded in the past three days & average wind speed was 2.8–4.4 km/ hr.	Weather forecast for next five days of Churachandpur (26 <sup>th</sup> to 30 <sup>th</sup> September, 2018) Likely to have thunderstorm accompanied with lightning at isolated places on Wednesday and mainly cloudy to overcast sky with maximum temp. 31-35 °C & minimum temp. 22-24 °C. Relative humidity may reach upto 99 % (max RH) & 67 % (min RH). The average wind speed may be 2 km/hr.		
Warni 26 September: Thunderstorm accompanied with ligh	xely at isolated places over Manipur		
General Advisories:		Standardized precipitation outlook using ERF:	
* Harvest mature crops before rains.			
* Sprays may be given as there is likely to have no rains during next five days.		* SPI condition from 20 <sup>th</sup> Sept. to 17 October, 2018 is severely dry to	
* Wind breaks may be prepared for young plants of nursery in open fields. Also, prepare t	extremely dry, hence irrigation may be provided wherever needed.		
rain shelter structures for nursery.			
* Provide clean drinking water for birds and animals especially during monsoon period. U			
in drinking water.			
* Ensure that the sheds of birds and animals are well constructed so as to avoid damage du			
speed wind days.			

Field Crops							
Name of the crop	Stag	e Pest and disease		and disease	Agro-meteorological advisories		
					- Maintain water level at 5-8 cm.		
		Grain filling to Pl maturity stage Ti Sl		nealy bugs	Spray Fipronil @ 2g/15 litres or Imidachloprid 17.8 SL @ 7 ml/ 15 litres of water.		
Rice				oppers or	Spray Coragen 3-5 ml per 15 lit of water at the early stage of infestation.		
	maturity sta						
				olight/ Bakani	Carbendazim @ 30-40g/ 15 lit of water or Hexaclonazole @ 15ml/ 15 lit of water.		
SI		Smut di	sease of rice	Kocide @ 5g/15lit water (spray after 2:00 pm only) to the crops in flowering stage			
Soybean/ Groundnut/	Maturity to				after rains. Harvest mature crops and sundry properly for better threshing.		
Blackgram/ Rice Bean	harvesting				That vest mature crops and sundry property for better timesning.		
Seeds storage	harvesting				For seed purpose store the seeds in <i>RC-Seed Bin</i> after proper drying and cleaning of		
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	Post-harves	t			seeds along with dry charcoal at 80:20 w/w ratios. Check for moisture content or		
	managemen	t			weight of charcoal and dry if required. For grains, store grains in well ventilated		
					godowns after drying properly. Spray Malathion 1% on the walls of stores.		
Horticulture Crops							
Name of the crop	Stag		Pest and disease		Agro-meteorological advisories		
Rabi vegetables	Seed/ plantin				- Procure good quality seeds of onion, carrot, raddish, coriander, cauliflower,		
	material coll				cabbage, broccoli, potato, French bean, pea, broad bean, etc. Prepare land for sowing or planting.		
	and land preparation				- Dip root in Carbendazim @ 10g/ 5 lit of water for 30 min before transplanting in		
					raised beds.		
Tree bean Trees above 7yrs age/				Apply (60gm DAP + 10g MOP + 20g Carbofuran 3G / per plant.			
		Bearing plants					
<b>Ginger/ Turmeric</b>	Rhizome ini	tiation	Shoot borer		- Spray Nimbicidine @ 2-5ml/lit water.		
Animal Sciences							
Name of bird/ animal	Stage	Dise			Agro-meteorological advisories		
	411	Manag		D			
Poultry (Chicken/ Duck)	All age	Dewormi	ng		against Helminth parasites using Piperazine liquid @ 30-40ml for 100 birds in drinking give half of the dose on second day.		
Sheep/ Goat	groups All age	Vaccinat	ion		s are not vaccinated against F.M.D., B.Q., H.S., Enterotoxaemia, etc. do it in this		
Sheep/ Goat	oat All age Vaccination groups		ion	month.			
	8 <b>F</b> ~	Fasciolio	sis		F @ 15ml orally/ kg b. wt. It must be associated with vitamins like Livozyme @ 50ml		
		twice daily.					
Pig	All age	Managen			mixture like Vimicon and Ascagold suspension in pregnant sow @ 20g and 20ml resp.		
			, add Butox liquid @ 2 ml/ lit of water and use the solution twice a week while brushing				
Cattle	All age	Vaccinat			accinate against FMD. ainst B.Q., F.M.D. & H.S. if not yet vaccinated.		
			h Albomac suspension@60-90ml for 300kg body weight or 20-30ml for 100 kg body				
	excepts the	Denorm	weight.				
	young ones	Milk feve			ml of mixture calcium and phosphorous daily.		
Fisheries							
Carp culture					having 30% crude protein fortified with vitamins and mineral.		
	- Sampling of fish for growth, disease should be done regularly by netting.						



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