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



"Integrated Agromet Advisory Services"

MANIPUR BULLETIN 22nd August, 2014

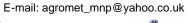
Chandel

Significant past weather for the preceding bi-weekly of $V_{ab} = 1 + 1 + 1 + 1 + 1 + 1 + 1 + 1 + 1 + 1$	Weather forecast for next five days of Chandel $(22^{rd} + 27^{rb})$
Imphal - West (19 th to 21 st August, 2014)	$(23^{rd} to 27^{th} August, 2014)$
During past three days sky was partly cloudy to mainly cloudy	There may be moderate to heavy rains upto Wednesday.
but mainly clear during morning hours of 20 th August. 0.2 mm	Sky may be partly cloudy to cloudy with maximum temp.
rainfall was recorded during past three days. Maximum	of 31.0 – 33.0 °C & minimum temp. 22.0 – 24.0 °C.
temperature range observed was 26.9 - 32.7 °C, range of	Relative humidity may reach a maximum of 100 %
minimum temperature observed was 22.5 - 23.7 °C, mean	(maximum RH) & 89 % (minimum RH). The average
relative humidity observed in morning and afternoon were	wind speed may be 2-5 km/hr during next five days.
82.3 % and 67.7 % respectively. The average wind speed	
range was 0.9 – 3.0 km/hr.	

Name of the crop Stage Pest and disease infestation	Agro-meteorological advisories
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Interculture operat	tions/ weeding, appl	ication of fertilizer an	d spray of insecticides/ pesticides must not be done in next few days.
Field Crops			
Main kharif Rice	Tillering to panicle initiation		 Ridges may be well constructed to maintain optimum water level of 5-8cm. Drain out excess water due to rains. After rains, apply 33 kg Urea/ha at panicle initiation stage after complete removal of water. Irrigate field after 48 hrs of top dressing and maintain water level at 5-8 cm.
		Case worm, borer, leaf folder, plant hopper or thrips	Spray Coragen @3ml/15 lit of water or Lambdacyhothrin @ 15ml/ 15 litre of water (at least three pumps per sangam) after rains.
		Gall midge	- For gall midge, spray Fipronil @ 2g/ 15 lit water after rains.
Soybean & Groundnut	Vegetative to flowering/ pegging		- Drain out excess water to avoid water logging.
Storage			- Clean and store the seeds in RC-seed bins after proper drying. Check for germination of seeds or fungal growth. After proper drying, store grains/ seeds in well ventilated godowns.
Horticulture Crops		1	
Cabbage/ Cauliflower/ Broccoli	Nursery raising		 Drain out excess water accumulated near the nursery beds at earliest possible to avoid any loss to the crop due to water logging. Provide moveable/ temporary sheds to protect from rain. Farmers having polyhouses may raise nurseries of cole crops. Prophylactic and curative measures such as soil fumigation/ soil sterilization against damping off should be strictly followed with either Captan or Sixer.
Ginger	Rhizome initiation	Shoot borer/ soft rot	 Spray Dichlorovos @0.5ml/lit water and Sixer (Carbendazim + Mencozeb) @ 2g/lit water as curative as well as prophylactic measure. Avoid water logging. Drain out excess water from the field.
Turmeric	Rhizome initiation	Taphrine leaf blotch and other leaf spot	 Spray Redomil MZ 72 WP @ 2g/lit water at least two times alternately with Sixer at 15 days interval after the wet spell. Avoid water logging. Drain out excess water from the field.







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Name of the a	nimal	Growth stage	Disease/ infestation	Agro-meteorological advisories	
Provide clea	n drinki	ng water to birds and	animals. Avoid water lo	gging around the sheds as it may help in mosquito breeding.	
Poultry All susceptible age groups (as and when required)		Ranikhet disease	Vaccinate against Ranikhet disease.		
			Fowl pox	- Vaccinate against fowl pox. If already infected, paint with Iodine tincture or Betadine liquid daily on pox growth.	
			Management	Add Furazolidone @ 100g in 100 kg of feed for one week. Keep litter material dry and add lime powder (deactivated) @ 3-4 kg per 100sq. ft.	
			Parasites (external)	Spray Butox liquid @ 2 ml/ lit of water twice a week.	
		Above 3 months of age (as and when	Enterotoxaemia	Enterotoxaemia vaccination if available (M.C.C.V.) at 5 cc sub- cutaeneously.	
		required)	Ectoparasites	Brush the animal using medicated solution (Butox liquid @ 2 ml/ lit of water) twice a week.	
Pig	age (as and when		Coccidial infection (Diarrhea)	Ofloxacine tab twice daily for 5 days.	
required)		required)	Deworming	- Deworming against Helminth parasites using Piperazine citrate @ 30 ml per adult animal once.	
			Ticks	Add Butox liquid @ 2 ml/ lit of water and use the solution twice a week while brushing the animal.	
			Give mineral mixture like Vimicon and Ascagold suspension in pregnant sow @ 20g and 20ml resp. in feed.		
		Above 3 months of age (as and when	Black Quarter	- B.Q. vaccination may be carried out to control occurrence of Black Quarter disease during cold season (Nov. & Dec.)	
		required)	Tick	Add Butox @ 2cc/ lit of water and bath animal using the solution at fortnight interval.	
			Amphistomiasis	- Tolzan-F @ 30 ml/ 100kg body weight.	
Fishery:			1	,	
Type of Farming	Stage	Management	Agro-metrological advisor	ies	
Carp/ Catfish culture	out/ nurseries		 Ponds should be free from unwanted vegetation and insects and water depth should be maintained at 1.0-1.5m. Feeds should be provided 2-3 times a day @ 5-10% body weight per day. Well balanced feed fortified with vitamins and minerals should be provided. 		
			 Apply Green AQ @ 4litre/ ha or lime @ 200kg/ ha. 8000-10,000 fingerlings/ha can be stocked. Sampling of fish should be done by regular netting. 		
Paddy cum fish culture	fish		- Maintained 1.0 m water depth of the trenches in paddy field. Provide rice bran and mustard oil cake (1:1) as supplementary feed. Avoid insecticide/pesticide application.		

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MANIPUR BULLETIN 22nd August, 2014

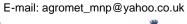
Churachandpur

Significant past weather for the preceding bi-weekly of	Weather forecast for next five days of Churachandpur
Imphal - West (19 th to 21 st August, 2014)	(23 rd to 27 th August, 2014)
During past three days sky was partly cloudy to mainly cloudy but mainly clear during morning hours of 20^{th} August. 0.2 mm rainfall was recorded during past three days. Maximum temperature range observed was $26.9 - 32.7 ^{\circ}$ C, range of minimum temperature observed was $22.5 - 23.7 ^{\circ}$ C, mean relative humidity observed in morning and afternoon were 82.3% and 67.7% respectively. The average wind speed range was $0.9 - 3.0 \text{km/hr}$.	There may be moderate to heavy rains upto Wednesday. Sky may be partly cloudy to cloudy with maximum temp. of $30.0 - 32.0$ °C & minimum temp. $21.0 - 23.0$ °C. Relative humidity may reach a maximum of 100 % (maximum RH) & 89 % (minimum RH). The average wind speed may be 2-6 km/hr during next five days.

Name of the crop Stage Pest and disease infestation	Agro-meteorological advisories
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Interculture operat	tions/ weeding, appl	ication of fertilizer an	d spray of insecticides/ pesticides must not be done in next few days.
Field Crops			
Main kharif Rice	Tillering to panicle initiation		 Ridges may be well constructed to maintain optimum water level of 5-8cm. Drain out excess water due to rains. After rains, apply 33 kg Urea/ha at panicle initiation stage after complete removal of water. Irrigate field after 48 hrs of top dressing and maintain water level at 5-8 cm.
		Case worm, borer, leaf folder, plant hopper or thrips	Spray Coragen @3ml/15 lit of water or Lambdacyhothrin @ 15ml/ 15 litre of water (at least three pumps per sangam) after rains.
		Gall midge	- For gall midge, spray Fipronil @ 2g/ 15 lit water after rains.
Soybean & Groundnut	Vegetative to flowering/ pegging		- Drain out excess water to avoid water logging.
Storage			- Clean and store the seeds in RC-seed bins after proper drying. Check for germination of seeds or fungal growth. After proper drying, store grains/ seeds in well ventilated godowns.
Horticulture Crops		1	
Cabbage/ Cauliflower/ Broccoli	Nursery raising		 Drain out excess water accumulated near the nursery beds at earliest possible to avoid any loss to the crop due to water logging. Provide moveable/ temporary sheds to protect from rain. Farmers having polyhouses may raise nurseries of cole crops. Prophylactic and curative measures such as soil fumigation/ soil sterilization against damping off should be strictly followed with either Captan or Sixer.
Ginger	Rhizome initiation	Shoot borer/ soft rot	 Spray Dichlorovos @0.5ml/lit water and Sixer (Carbendazim + Mencozeb) @ 2g/lit water as curative as well as prophylactic measure. Avoid water logging. Drain out excess water from the field.
Turmeric	Rhizome initiation	Taphrine leaf blotch and other leaf spot	 Spray Redomil MZ 72 WP @ 2g/lit water at least two times alternately with Sixer at 15 days interval after the wet spell. Avoid water logging. Drain out excess water from the field.





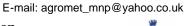


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Name of the a	nimal	Growth stage	Disease/ infestation	Agro-meteorological advisories	
Provide clea	n drinki	ng water to birds and	animals. Avoid water lo	ogging around the sheds as it may help in mosquito breeding.	
Poultry All susceptible age groups (as and when required)		Ranikhet disease	Vaccinate against Ranikhet disease.		
			Fowl pox	- Vaccinate against fowl pox. If already infected, paint with Iodine tincture or Betadine liquid daily on pox growth.	
			Management	Add Furazolidone @ 100g in 100 kg of feed for one week. Keep litter material dry and add lime powder (deactivated) @ 3-4 kg per 100sq. ft.	
			Parasites (external)	Spray Butox liquid @ 2 ml/ lit of water twice a week.	
Sheep/ Goat Above 3 months of age (as and when			Enterotoxaemia	Enterotoxaemia vaccination if available (M.C.C.V.) at 5 cc sub- cutaeneously.	
		required)	Ectoparasites	Brush the animal using medicated solution (Butox liquid @ 2 ml/ lit of water) twice a week.	
Pig	Above 3 months of age (as and when		Coccidial infection (Diarrhea)	Ofloxacine tab twice daily for 5 days.	
required)		required)	Deworming	- Deworming against Helminth parasites using Piperazine citrate @ 30 ml per adult animal once.	
			Ticks	Add Butox liquid @ 2 ml/ lit of water and use the solution twice a week while brushing the animal.	
				Give mineral mixture like Vimicon and Ascagold suspension in pregnant sow @ 20g and 20ml resp. in feed.	
Cattle / Buff Mithun	falo/	Above 3 months of age (as and when	Black Quarter	- B.Q. vaccination may be carried out to control occurrence of Black Quarter disease during cold season (Nov. & Dec.)	
		required)	Tick	Add Butox @ 2cc/ lit of water and bath animal using the solution at fortnight interval.	
			Amphistomiasis	- Tolzan-F @ 30 ml/ 100kg body weight.	
Fishery:					
Type of Farming	Stage	Management	Agro-metrological advisor	ies	
Carp/ Catfish	Grow out/	7 —	maintained at 1.0-1.5n		
culture	ulture nurseries		 Feeds should be provided 2-3 times a day @ 5-10% body weight per day. Well balanced feed fortified with vitamins and minerals should be provided. 		
			 Apply Green AQ @ 4litre/ ha or lime @ 200kg/ ha. 8000-10,000 fingerlings/ha can be stocked. Sampling of fish should be done by regular netting. 		
Paddy cum fish culture	fish		- Maintained 1.0 m water depth of the trenches in paddy field. Provide rice bran and mustard oil cake (1:1) as supplementary feed. Avoid insecticide/pesticide application.		

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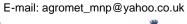
Imphal-East

Significant past weather for the preceding bi-weekly of	Weather forecast for next five days of Imphal-East
Imphal - West (19 th to 21 st August, 2014)	(23 rd to 27 th August, 2014)
During past three days sky was partly cloudy to mainly cloudy	There may be moderate to heavy rains upto Wednesday.
but mainly clear during morning hours of 20 th August. 0.2 mm	Sky may be partly cloudy to cloudy with maximum temp.
rainfall was recorded during past three days. Maximum	of 31.0 – 32.0 °C & minimum temp. 22.0 – 23.0 °C.
temperature range observed was 26.9 - 32.7 °C, range of	Relative humidity may reach a maximum of 100 %
minimum temperature observed was 22.5 - 23.7 °C, mean	(maximum RH) & 86 % (minimum RH). The average
relative humidity observed in morning and afternoon were	wind speed may be 2-4 km/hr during next five days.
82.3 % and 67.7 % respectively. The average wind speed	
range was 0.9 – 3.0 km/hr.	

Name of the crop Stage Pest and disease Agro-meteorological advisories infestation infestation Image: Comparison of the crop	Name of the crop	Stage	Pest and disease infestation	Agro-meteorological advisories
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Interculture operat	tions/ weeding, appl	ication of fertilizer an	d spray of insecticides/ pesticides must not be done in next few days.
Field Crops			
Main kharif Rice	Tillering to panicle initiation		 Ridges may be well constructed to maintain optimum water level of 5-8cm. Drain out excess water due to rains. After rains, apply 33 kg Urea/ha at panicle initiation stage after complete removal of water. Irrigate field after 48 hrs of top dressing and maintain water level at 5-8 cm.
		Case worm, borer, leaf folder, plant hopper or thrips	Spray Coragen @3ml/15 lit of water or Lambdacyhothrin @ 15ml/ 15 litre of water (at least three pumps per sangam) after rains.
		Gall midge	- For gall midge, spray Fipronil @ 2g/ 15 lit water after rains.
Soybean & Groundnut	Vegetative to flowering/ pegging		- Drain out excess water to avoid water logging.
Storage			- Clean and store the seeds in RC-seed bins after proper drying. Check for germination of seeds or fungal growth. After proper drying, store grains/ seeds in well ventilated godowns.
Horticulture Crops			
Cabbage/ Cauliflower/ Broccoli	Nursery raising		 Drain out excess water accumulated near the nursery beds at earliest possible to avoid any loss to the crop due to water logging. Provide moveable/ temporary sheds to protect from rain. Farmers having polyhouses may raise nurseries of cole crops. Prophylactic and curative measures such as soil fumigation/ soil sterilization against damping off should be strictly followed with either Captan or Sixer.
Ginger	Rhizome initiation	Shoot borer/ soft rot	 Spray Dichlorovos @0.5ml/lit water and Sixer (Carbendazim + Mencozeb) @ 2g/lit water as curative as well as prophylactic measure. Avoid water logging. Drain out excess water from the field.
Turmeric	Rhizome initiation	Taphrine leaf blotch and other leaf spot	 Spray Redomil MZ 72 WP @ 2g/lit water at least two times alternately with Sixer at 15 days interval after the wet spell. Avoid water logging. Drain out excess water from the field.







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Name of the a	nimal	Growth stage	Disease/ infestation	Agro-meteorological advisories
Provide clea	n drinki	ng water to birds and	animals. Avoid water lo	gging around the sheds as it may help in mosquito breeding.
Poultry All susceptible age groups (as and when required)		Ranikhet disease	Vaccinate against Ranikhet disease.	
			Fowl pox	- Vaccinate against fowl pox. If already infected, paint with Iodine tincture or Betadine liquid daily on pox growth.
			Management	Add Furazolidone @ 100g in 100 kg of feed for one week. Keep litter material dry and add lime powder (deactivated) @ 3-4 kg per 100sq. ft.
			Parasites (external)	Spray Butox liquid @ 2 ml/ lit of water twice a week.
per la competition de la compe		Above 3 months of age (as and when	Enterotoxaemia	Enterotoxaemia vaccination if available (M.C.C.V.) at 5 cc sub- cutaeneously.
		required)	Ectoparasites	Brush the animal using medicated solution (Butox liquid @ 2 ml/ lit of water) twice a week.
Pig	age (as and when		Coccidial infection (Diarrhea)	Ofloxacine tab twice daily for 5 days.
required)		required)	Deworming	- Deworming against Helminth parasites using Piperazine citrate @ 30 ml per adult animal once.
			Ticks	Add Butox liquid @ 2 ml/ lit of water and use the solution twice a week while brushing the animal.
			Give mineral mixture like Vimicon and Ascagold suspension in pregnant sow @ 20g and 20ml resp. in feed.	
		Above 3 months of age (as and when	Black Quarter	- B.Q. vaccination may be carried out to control occurrence of Black Quarter disease during cold season (Nov. & Dec.)
	required)		Tick	Add Butox @ 2cc/ lit of water and bath animal using the solution at fortnight interval.
			Amphistomiasis	- Tolzan-F @ 30 ml/ 100kg body weight.
Fishery:				
Type of Farming	Stage	Management	Agro-metrological advisor	ies
Carp/ Catfish	Grow out/		maintained at 1.0-1.5n	
culture			 Feeds should be provided 2-3 times a day @ 5-10% body weight per day. Well balanced feed fortified with vitamins and minerals should be provided. 	
				4litre/ ha or lime @ 200kg/ ha. ngs/ha can be stocked. Sampling of fish should be done by regular netting.
Paddy cum fish culture	fish		- Maintained 1.0 m water depth of the trenches in paddy field. Provide rice bran and mustard oil cake (1:1) as supplementary feed. Avoid insecticide/pesticide application.	



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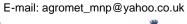
Imphal-West

Significant past weather for the preceding bi-weekly of	Weather forecast for next five days of Imphal-West
Imphal - West (19 th to 21 st August, 2014)	(23 rd to 27 th August, 2014)
During past three days sky was partly cloudy to mainly cloudy	There may be moderate to heavy rains upto Wednesday.
but mainly clear during morning hours of 20 th August. 0.2 mm	Sky may be partly cloudy to cloudy with maximum temp.
rainfall was recorded during past three days. Maximum	of 30.0 – 32.0 °C & minimum temp. 22.0 – 24.0 °C.
temperature range observed was 26.9 - 32.7 °C, range of	Relative humidity may reach a maximum of 100 %
minimum temperature observed was 22.5 - 23.7 °C, mean	(maximum RH) & 87 % (minimum RH). The average
relative humidity observed in morning and afternoon were	wind speed may be 2-4 km/hr during next five days.
82.3 % and 67.7 % respectively. The average wind speed	
range was 0.9 – 3.0 km/hr.	

Name of the crop Stage Pest and disease infestation	Agro-meteorological advisories
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Interculture operat	ions/ weeding, appl	ication of fertilizer an	nd spray of insecticides/ pesticides must not be done in next few days.
Field Crops			
Main kharif Rice	Tillering to panicle initiation		 Ridges may be well constructed to maintain optimum water level of 5-8cm. Drain out excess water due to rains. After rains, apply 33 kg Urea/ha at panicle initiation stage after complete removal of water. Irrigate field after 48 hrs of top dressing and maintain water level at 5-8 cm.
		Case worm, borer, leaf folder, plant hopper or thrips	Spray Coragen @3ml/15 lit of water or Lambdacyhothrin @ 15ml/ 15 litre of water (at least three pumps per sangam) after rains.
		Gall midge	- For gall midge, spray Fipronil @ 2g/ 15 lit water after rains.
Soybean & Groundnut	Vegetative to flowering/ pegging		- Drain out excess water to avoid water logging.
Storage			- Clean and store the seeds in RC-seed bins after proper drying. Check for germination of seeds or fungal growth. After proper drying, store grains/ seeds in well ventilated godowns.
Horticulture Crops	J		
Cabbage/ Cauliflower/ Broccoli	Nursery raising		 Drain out excess water accumulated near the nursery beds at earliest possible to avoid any loss to the crop due to water logging. Provide moveable/ temporary sheds to protect from rain. Farmers having polyhouses may raise nurseries of cole crops. Prophylactic and curative measures such as soil fumigation/ soil sterilization against damping off should be strictly followed with either Captan or Sixer.
Ginger	Rhizome initiation	Shoot borer/ soft rot	 Spray Dichlorovos @0.5ml/lit water and Sixer (Carbendazim + Mencozeb) @ 2g/lit water as curative as well as prophylactic measure. Avoid water logging. Drain out excess water from the field.
Turmeric	Rhizome initiation	Taphrine leaf blotch and other leaf spot	 Spray Redomil MZ 72 WP @ 2g/lit water at least two times alternately with Sixer at 15 days interval after the wet spell. Avoid water logging. Drain out excess water from the field.







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Name of the animal Growth stage		Disease/ infestation	Agro-meteorological advisories	
Provide clea	n drinki	ng water to birds and	animals. Avoid water lo	gging around the sheds as it may help in mosquito breeding.
Poultry		All susceptible age	Ranikhet disease	Vaccinate against Ranikhet disease.
		groups (as and when required)	Fowl pox	- Vaccinate against fowl pox. If already infected, paint with Iodine tincture or Betadine liquid daily on pox growth.
			Management	Add Furazolidone @ 100g in 100 kg of feed for one week. Keep litter material dry and add lime powder (deactivated) @ 3-4 kg per 100sq. ft.
			Parasites (external)	Spray Butox liquid @ 2 ml/ lit of water twice a week.
Sheep/ Goa	ıt	Above 3 months of age (as and when	Enterotoxaemia	Enterotoxaemia vaccination if available (M.C.C.V.) at 5 cc sub- cutaeneously.
		required)	Ectoparasites	Brush the animal using medicated solution (Butox liquid @ 2 ml/ lit of water) twice a week.
Pig		Above 3 months of age (as and when	Coccidial infection (Diarrhea)	Ofloxacine tab twice daily for 5 days.
		required)	Deworming	- Deworming against Helminth parasites using Piperazine citrate @ 30 ml per adult animal once.
			Ticks	Add Butox liquid @ 2 ml/ lit of water and use the solution twice a week while brushing the animal.
				Give mineral mixture like Vimicon and Ascagold suspension in pregnant sow @ 20g and 20ml resp. in feed.
Cattle / Buffalo/ Mithun		Above 3 months of age (as and when	Black Quarter	- B.Q. vaccination may be carried out to control occurrence of Black Quarter disease during cold season (Nov. & Dec.)
		required)	Tick	Add Butox @ 2cc/ lit of water and bath animal using the solution at fortnight interval.
			Amphistomiasis	- Tolzan-F @ 30 ml/ 100kg body weight.
Fishery:				
Type of Farming	Stage	Management	Agro-metrological advisor	ies
Carp/ Catfish	out/		maintained at 1.0-1.5n	
culture nurseries		 Feeds should be provided 2-3 times a day @ 5-10% body weight per day. Well balanced feed fortified with vitamins and minerals should be provided. Apply Green AQ @ 4litre/ ha or lime @ 200kg/ ha. 		
				Alitre/ ha or lime @ 200kg/ ha. ngs/ha can be stocked. Sampling of fish should be done by regular netting.
Paddy Water management		 Maintained 1.0 m water depth of the trenches in paddy field. Provide rice bran and mustard oil cake (1:1) as supplementary feed. Avoid insecticide/pesticide application. 		

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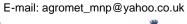
Senapati

Significant past weather for the preceding bi-weekly of	Weather forecast for next five days of Senapati
Imphal - West (19 th to 21 st August, 2014)	(23 rd to 27 th August, 2014)
During past three days sky was partly cloudy to mainly cloudy	There may be moderate to heavy rains upto Wednesday.
but mainly clear during morning hours of 20 th August. 0.2 mm	Sky may be partly cloudy to cloudy with maximum temp.
rainfall was recorded during past three days. Maximum	of 28.0 – 31.0 °C & minimum temp. 18.0 – 20.0 °C.
temperature range observed was 26.9 - 32.7 °C, range of	Relative humidity may reach a maximum of 100 %
minimum temperature observed was 22.5 - 23.7 °C, mean	(maximum RH) & 86 % (minimum RH). The average
relative humidity observed in morning and afternoon were	wind speed may be 2-4 km/hr during next five days.
82.3 % and 67.7 % respectively. The average wind speed	
range was 0.9 – 3.0 km/hr.	

Name of the crop Stage Pest and disease infestation	Agro-meteorological advisories
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Interculture operat	tions/ weeding, appl	lication of fertilizer an	d spray of insecticides/ pesticides must not be done in next few days.
Field Crops			
Main kharif Rice	Tillering to panicle initiation		 Ridges may be well constructed to maintain optimum water level of 5-8cm. Drain out excess water due to rains. After rains, apply 33 kg Urea/ha at panicle initiation stage after complete removal of water. Irrigate field after 48 hrs of top dressing and maintain water level at 5-8 cm.
		Case worm, borer, leaf folder, plant hopper or thrips	Spray Coragen @3ml/15 lit of water or Lambdacyhothrin @ 15ml/ 15 litre of water (at least three pumps per sangam) after rains.
		Gall midge	- For gall midge, spray Fipronil @ 2g/ 15 lit water after rains.
Soybean & Groundnut	Vegetative to flowering/ pegging		- Drain out excess water to avoid water logging.
Storage			- Clean and store the seeds in RC-seed bins after proper drying. Check for germination of seeds or fungal growth. After proper drying, store grains/ seeds in well ventilated godowns.
Horticulture Crops			
Cabbage/ Cauliflower/ Broccoli	Nursery raising		 Drain out excess water accumulated near the nursery beds at earliest possible to avoid any loss to the crop due to water logging. Provide moveable/ temporary sheds to protect from rain. Farmers having polyhouses may raise nurseries of cole crops. Prophylactic and curative measures such as soil fumigation/ soil sterilization against damping off should be strictly followed with either Captan or Sixer.
Ginger	Rhizome initiation	Shoot borer/ soft rot	 Spray Dichlorovos @0.5ml/lit water and Sixer (Carbendazim + Mencozeb) @ 2g/lit water as curative as well as prophylactic measure. Avoid water logging. Drain out excess water from the field.
Turmeric	Rhizome initiation	Taphrine leaf blotch and other leaf spot	 Spray Redomil MZ 72 WP @ 2g/lit water at least two times alternately with Sixer at 15 days interval after the wet spell. Avoid water logging. Drain out excess water from the field.







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Name of the animal Growth stage		Disease/ infestation	Agro-meteorological advisories	
Provide clea	n drinki	ing water to birds and	animals. Avoid water lo	ogging around the sheds as it may help in mosquito breeding.
Poultry		All susceptible age	Ranikhet disease	Vaccinate against Ranikhet disease.
		groups (as and when required)	Fowl pox	- Vaccinate against fowl pox. If already infected, paint with Iodine tincture or Betadine liquid daily on pox growth.
			Management	Add Furazolidone @ 100g in 100 kg of feed for one week. Keep litter material dry and add lime powder (deactivated) @ 3-4 kg per 100sq. ft.
			Parasites (external)	Spray Butox liquid @ 2 ml/ lit of water twice a week.
Sheep/ Goa	nt	Above 3 months of age (as and when	Enterotoxaemia	Enterotoxaemia vaccination if available (M.C.C.V.) at 5 cc sub- cutaeneously.
		required)	Ectoparasites	Brush the animal using medicated solution (Butox liquid @ 2 ml/ lit of water) twice a week.
Pig		Above 3 months of age (as and when	Coccidial infection (Diarrhea)	Ofloxacine tab twice daily for 5 days.
		required)	Deworming	- Deworming against Helminth parasites using Piperazine citrate @ 30 ml per adult animal once.
			Ticks	Add Butox liquid @ 2 ml/ lit of water and use the solution twice a week while brushing the animal.
				Give mineral mixture like Vimicon and Ascagold suspension in pregnant sow @ 20g and 20ml resp. in feed.
Cattle / Buf Mithun	falo/	Above 3 months of age (as and when	Black Quarter	- B.Q. vaccination may be carried out to control occurrence of Black Quarter disease during cold season (Nov. & Dec.)
		required)	Tick	Add Butox @ 2cc/ lit of water and bath animal using the solution at fortnight interval.
			Amphistomiasis	- Tolzan-F @ 30 ml/ 100kg body weight.
Fishery:			1	
Type of Farming	Stage	Management	Agro-metrological advisor	ies
Carp/ Catfish culture	Grow – out/ nurseries		maintained at 1.0-1.5n - Feeds should be prov	from unwanted vegetation and insects and water depth should be n. vided 2-3 times a day @ 5-10% body weight per day. ortified with vitamins and minerals should be provided.
		 Apply Green AQ @ 4litre/ ha or lime @ 200kg/ ha. 8000-10,000 fingerlings/ha can be stocked. Sampling of fish should be done by regular netting. 		
Paddy Water management cum fish culture		- Maintained 1.0 m water depth of the trenches in paddy field. Provide rice bran and mustard oil cake (1:1) as supplementary feed. Avoid insecticide/pesticide application.		

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"Integrated Agromet Advisory Services"

MANIPUR BULLETIN 22nd August, 2014

Tamenglong

Significant past weather for the preceding bi-weekly of Imphal - West (19 th to 21 st August, 2014)	Weather forecast for next five days of Tamenglong (23 rd to 27 th August, 2014)
During past three days sky was partly cloudy to mainly cloudy but mainly clear during morning hours of 20^{th} August. 0.2 mm rainfall was recorded during past three days. Maximum temperature range observed was $26.9 - 32.7$ °C, range of minimum temperature observed was $22.5 - 23.7$ °C, mean relative humidity observed in morning and afternoon were 82.3 % and 67.7 % respectively. The average wind speed	There may be moderate to heavy rains upto Wednesday. Sky may be partly cloudy to cloudy with maximum temp. of $30.0 - 32.0$ °C & minimum temp. $21.0 - 23.0$ °C. Relative humidity may reach a maximum of 100 % (maximum RH) & 88 % (minimum RH). The average wind speed may be 2-4 km/hr during next five days.
range was $0.9 - 3.0$ km/hr.	

Name of the crop Stage Pest and disease infestation	Agro-meteorological advisories
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Interculture operat	tions/ weeding, appl	lication of fertilizer an	d spray of insecticides/ pesticides must not be done in next few days.
Field Crops			
Main kharif Rice	Tillering to panicle initiation		 Ridges may be well constructed to maintain optimum water level of 5-8cm. Drain out excess water due to rains. After rains, apply 33 kg Urea/ha at panicle initiation stage after complete removal of water. Irrigate field after 48 hrs of top dressing and maintain water level at 5-8 cm.
		Case worm, borer, leaf folder, plant hopper or thrips	Spray Coragen @3ml/15 lit of water or Lambdacyhothrin @ 15ml/ 15 litre of water (at least three pumps per sangam) after rains.
		Gall midge	- For gall midge, spray Fipronil @ 2g/ 15 lit water after rains.
Soybean & Groundnut	Vegetative to flowering/ pegging		- Drain out excess water to avoid water logging.
Storage			- Clean and store the seeds in RC-seed bins after proper drying. Check for germination of seeds or fungal growth. After proper drying, store grains/ seeds in well ventilated godowns.
Horticulture Crops			
Cabbage/ Cauliflower/ Broccoli	Nursery raising		 Drain out excess water accumulated near the nursery beds at earliest possible to avoid any loss to the crop due to water logging. Provide moveable/ temporary sheds to protect from rain. Farmers having polyhouses may raise nurseries of cole crops. Prophylactic and curative measures such as soil fumigation/ soil sterilization against damping off should be strictly followed with either Captan or Sixer.
Ginger	Rhizome initiation	Shoot borer/ soft rot	 Spray Dichlorovos @0.5ml/lit water and Sixer (Carbendazim + Mencozeb) @ 2g/lit water as curative as well as prophylactic measure. Avoid water logging. Drain out excess water from the field.
Turmeric	Rhizome initiation	Taphrine leaf blotch and other leaf spot	 Spray Redomil MZ 72 WP @ 2g/lit water at least two times alternately with Sixer at 15 days interval after the wet spell. Avoid water logging. Drain out excess water from the field.





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Name of the animal Growth stage		Disease/ infestation	Agro-meteorological advisories		
Provide clea	ın drinki	ng wat	ter to birds and	animals. Avoid water lo	ogging around the sheds as it may help in mosquito breeding.
Poultry		All susceptible age groups (as and when required)		Ranikhet disease	Vaccinate against Ranikhet disease.
				Fowl pox	- Vaccinate against fowl pox. If already infected, paint with Iodine tincture or Betadine liquid daily on pox growth.
				Management	Add Furazolidone @ 100g in 100 kg of feed for one week. Keep litter material dry and add lime powder (deactivated) @ 3-4 kg per 100sq. ft.
				Parasites (external)	Spray Butox liquid @ 2 ml/ lit of water twice a week.
Sheep/ Goa	at		ve 3 months of as and when	Enterotoxaemia	Enterotoxaemia vaccination if available (M.C.C.V.) at 5 cc sub- cutaeneously.
		requi	red)	Ectoparasites	Brush the animal using medicated solution (Butox liquid @ 2 ml/ lit of water) twice a week.
Pig		Above 3 months of age (as and when required)		Coccidial infection (Diarrhea)	Ofloxacine tab twice daily for 5 days.
				Deworming	- Deworming against Helminth parasites using Piperazine citrate @ 30 ml per adult animal once.
				Ticks	Add Butox liquid @ 2 ml/ lit of water and use the solution twice a week while brushing the animal.
					Give mineral mixture like Vimicon and Ascagold suspension in pregnant sow @ 20g and 20ml resp. in feed.
Cattle / Buf Mithun	falo/	Above 3 months of age (as and when required)		Black Quarter	- B.Q. vaccination may be carried out to control occurrence of Black Quarter disease during cold season (Nov. & Dec.)
				Tick	Add Butox @ 2cc/ lit of water and bath animal using the solution at fortnight interval.
				Amphistomiasis	- Tolzan-F @ 30 ml/ 100kg body weight.
Fishery:		1		1	
Type of Farming	Stage		Management	Agro-metrological advisor	ies
Carp/	Grow	'			from unwanted vegetation and insects and water depth should be
Catfish	out/ maintained at 1.0-1.5m.				
culture	nurse	ries		- Feeds should be provided 2-3 times a day @ 5-10% body weight per day.	
					ortified with vitamins and minerals should be provided.
			 Apply Green AQ @ 4litre/ ha or lime @ 200kg/ ha. 8000-10,000 fingerlings/ha can be stocked. Sampling of fish should be done by regular netting. 		
Paddy cum fish culture	ish		- Maintained 1.0 m water depth of the trenches in paddy field. Provide rice bran and mustard oil cake (1:1) as supplementary feed. Avoid insecticide/pesticide application.		

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MANIPUR BULLETIN 22nd August, 2014

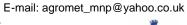
Thoubal

Significant past weather for the preceding bi-weekly of	Weather forecast for next five days of Thoubal
Imphal - West (19 th to 21 st August, 2014)	(23 rd to 27 th August, 2014)
During most three down also may mostly also do to mainly also do	There was he wedness to here wire wet Wednesday
During past three days sky was partly cloudy to mainly cloudy	There may be moderate to heavy rains upto Wednesday.
but mainly clear during morning hours of 20 th August. 0.2 mm	Sky may be partly cloudy to cloudy with maximum temp.
rainfall was recorded during past three days. Maximum	of 29.0 – 31.0 °C & minimum temp. 20.0 – 22.0 °C.
temperature range observed was 26.9 - 32.7 °C, range of	Relative humidity may reach a maximum of 100 %
minimum temperature observed was 22.5 - 23.7 °C, mean	(maximum RH) & 92 % (minimum RH). The average
relative humidity observed in morning and afternoon were	wind speed may be 2-4 km/hr during next five days.
82.3 % and 67.7 % respectively. The average wind speed	
range was 0.9 – 3.0 km/hr.	

Name of the crop Stage Pest and disease infestation	Agro-meteorological advisories
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Interculture operat	tions/ weeding, appl	lication of fertilizer an	d spray of insecticides/ pesticides must not be done in next few days.
Field Crops			
Main kharif Rice	Tillering to panicle initiation		 Ridges may be well constructed to maintain optimum water level of 5-8cm. Drain out excess water due to rains. After rains, apply 33 kg Urea/ha at panicle initiation stage after complete removal of water. Irrigate field after 48 hrs of top dressing and maintain water level at 5-8 cm.
		Case worm, borer, leaf folder, plant hopper or thrips	Spray Coragen @3ml/15 lit of water or Lambdacyhothrin @ 15ml/ 15 litre of water (at least three pumps per sangam) after rains.
		Gall midge	- For gall midge, spray Fipronil @ 2g/ 15 lit water after rains.
Soybean & Groundnut	Vegetative to flowering/ pegging		- Drain out excess water to avoid water logging.
Storage			- Clean and store the seeds in RC-seed bins after proper drying. Check for germination of seeds or fungal growth. After proper drying, store grains/ seeds in well ventilated godowns.
Horticulture Crops			
Cabbage/ Cauliflower/ Broccoli	Nursery raising		 Drain out excess water accumulated near the nursery beds at earliest possible to avoid any loss to the crop due to water logging. Provide moveable/ temporary sheds to protect from rain. Farmers having polyhouses may raise nurseries of cole crops. Prophylactic and curative measures such as soil fumigation/ soil sterilization against damping off should be strictly followed with either Captan or Sixer.
Ginger	Rhizome initiation	Shoot borer/ soft rot	 Spray Dichlorovos @0.5ml/lit water and Sixer (Carbendazim + Mencozeb) @ 2g/lit water as curative as well as prophylactic measure. Avoid water logging. Drain out excess water from the field.
Turmeric	Rhizome initiation	Taphrine leaf blotch and other leaf spot	 Spray Redomil MZ 72 WP @ 2g/lit water at least two times alternately with Sixer at 15 days interval after the wet spell. Avoid water logging. Drain out excess water from the field.







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Name of the a	nimal	Growth stage	Disease/ infestation	Agro-meteorological advisories	
Provide clea	n drinki	ing water to birds and	animals. Avoid water lo	ogging around the sheds as it may help in mosquito breeding.	
		All susceptible age groups (as and when required)	Ranikhet disease	Vaccinate against Ranikhet disease.	
			Fowl pox	- Vaccinate against fowl pox. If already infected, paint with Iodine tincture or Betadine liquid daily on pox growth.	
			Management	Add Furazolidone @ 100g in 100 kg of feed for one week. Keep litter material dry and add lime powder (deactivated) @ 3-4 kg per 100sq. ft.	
			Parasites (external)	Spray Butox liquid @ 2 ml/ lit of water twice a week.	
Sheep/ Goa	nt	Above 3 months of age (as and when	Enterotoxaemia	Enterotoxaemia vaccination if available (M.C.C.V.) at 5 cc sub- cutaeneously.	
		required)	Ectoparasites	Brush the animal using medicated solution (Butox liquid @ 2 ml/ lit of water) twice a week.	
Pig		Above 3 months of age (as and when	Coccidial infection (Diarrhea)	Ofloxacine tab twice daily for 5 days.	
		required)	Deworming	- Deworming against Helminth parasites using Piperazine citrate @ 30 ml per adult animal once.	
			Ticks	Add Butox liquid @ 2 ml/ lit of water and use the solution twice a week while brushing the animal.	
				Give mineral mixture like Vimicon and Ascagold suspension in pregnant sow @ 20g and 20ml resp. in feed.	
Cattle / Buf Mithun	falo/	Above 3 months of age (as and when	Black Quarter	- B.Q. vaccination may be carried out to control occurrence of Black Quarter disease during cold season (Nov. & Dec.)	
		required)	Tick	Add Butox @ 2cc/ lit of water and bath animal using the solution at fortnight interval.	
			Amphistomiasis	- Tolzan-F @ 30 ml/ 100kg body weight.	
Fishery:					
Type of Farming	Stage	Management	Agro-metrological advisor	ies	
Carp/ Catfish culture	Grow – out/ nurseries		maintained at 1.0-1.5n - Feeds should be prov	from unwanted vegetation and insects and water depth should be n. vided 2-3 times a day @ 5-10% body weight per day. ortified with vitamins and minerals should be provided.	
		 Apply Green AQ @ 4litre/ ha or lime @ 200kg/ ha. 8000-10,000 fingerlings/ha can be stocked. Sampling of fish should be done by regular netting. 			
Paddy cum fish culture	um fish		- Maintained 1.0 m water depth of the trenches in paddy field. Provide rice bran and mustard oil cake (1:1) as supplementary feed. Avoid insecticide/pesticide application.		

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MANIPUR BULLETIN 22nd August, 2014

Ukhrul

Significant past weather for the preceding bi-weekly of	Weather forecast for next five days of Ukhrul
Imphal - West (19 th to 21 st August, 2014)	$(23^{rd} to 27^{th} August, 2014)$
	The second
During past three days sky was partly cloudy to mainly cloudy	There may be moderate to heavy rains upto Wednesday.
but mainly clear during morning hours of 20 th August. 0.2 mm	Sky may be partly cloudy to cloudy with maximum temp.
rainfall was recorded during past three days. Maximum	of 28.0 – 30.0 °C & minimum temp. 17.0 – 19.0 °C.
temperature range observed was 26.9 - 32.7 °C, range of	Relative humidity may reach a maximum of 100 %
minimum temperature observed was 22.5 - 23.7 °C, mean	(maximum RH) & 86 % (minimum RH). The average
relative humidity observed in morning and afternoon were	wind speed may be 2-4 km/hr during next five days.
82.3 % and 67.7 % respectively. The average wind speed	
range was 0.9 – 3.0 km/hr.	

Name of the crop Stage Pest and disease infestation	Agro-meteorological advisories
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Interculture operat	tions/ weeding, appl	lication of fertilizer an	d spray of insecticides/ pesticides must not be done in next few days.
Field Crops			
Main kharif Rice	Tillering to panicle initiation		 Ridges may be well constructed to maintain optimum water level of 5-8cm. Drain out excess water due to rains. After rains, apply 33 kg Urea/ha at panicle initiation stage after complete removal of water. Irrigate field after 48 hrs of top dressing and maintain water level at 5-8 cm.
		Case worm, borer, leaf folder, plant hopper or thrips	Spray Coragen @3ml/15 lit of water or Lambdacyhothrin @ 15ml/ 15 litre of water (at least three pumps per sangam) after rains.
		Gall midge	- For gall midge, spray Fipronil @ 2g/ 15 lit water after rains.
Soybean & Groundnut	Vegetative to flowering/ pegging		- Drain out excess water to avoid water logging.
Storage			- Clean and store the seeds in RC-seed bins after proper drying. Check for germination of seeds or fungal growth. After proper drying, store grains/ seeds in well ventilated godowns.
Horticulture Crops			· · · · · · · · · · · · · · · · · · ·
Cabbage/ Cauliflower/ Broccoli	Nursery raising		 Drain out excess water accumulated near the nursery beds at earliest possible to avoid any loss to the crop due to water logging. Provide moveable/ temporary sheds to protect from rain. Farmers having polyhouses may raise nurseries of cole crops. Prophylactic and curative measures such as soil fumigation/ soil sterilization against damping off should be strictly followed with either Captan or Sixer.
Ginger	Rhizome initiation	Shoot borer/ soft rot	 Spray Dichlorovos @0.5ml/lit water and Sixer (Carbendazim + Mencozeb) @ 2g/lit water as curative as well as prophylactic measure. Avoid water logging. Drain out excess water from the field.
Turmeric	Rhizome initiation	Taphrine leaf blotch and other leaf spot	 Spray Redomil MZ 72 WP @ 2g/lit water at least two times alternately with Sixer at 15 days interval after the wet spell. Avoid water logging. Drain out excess water from the field.





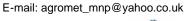
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Name of the a	f the animal Growth stage		Disease/ infestation	Agro-meteorological advisories	
Provide clea	n drinki	ng water to birds and	animals. Avoid water lo	ogging around the sheds as it may help in mosquito breeding.	
Poultry All susceptible age groups (as and when required)		Ranikhet disease	Vaccinate against Ranikhet disease.		
			Fowl pox	- Vaccinate against fowl pox. If already infected, paint with Iodine tincture or Betadine liquid daily on pox growth.	
			Management	Add Furazolidone @ 100g in 100 kg of feed for one week. Keep litter material dry and add lime powder (deactivated) @ 3-4 kg per 100sq. ft.	
			Parasites (external)	Spray Butox liquid @ 2 ml/ lit of water twice a week.	
Sheep/ Goa	ıt	Above 3 months of age (as and when	Enterotoxaemia	Enterotoxaemia vaccination if available (M.C.C.V.) at 5 cc sub- cutaeneously.	
		required)	Ectoparasites	Brush the animal using medicated solution (Butox liquid @ 2 ml/ lit of water) twice a week.	
Pig		Above 3 months of age (as and when	Coccidial infection (Diarrhea)	Ofloxacine tab twice daily for 5 days.	
		required)	Deworming	- Deworming against Helminth parasites using Piperazine citrate @ 30 ml per adult animal once.	
			Ticks	Add Butox liquid @ 2 ml/ lit of water and use the solution twice a week while brushing the animal.	
				Give mineral mixture like Vimicon and Ascagold suspension in pregnant sow @ 20g and 20ml resp. in feed.	
Cattle / Buff Mithun	`alo/	Above 3 months of age (as and when	Black Quarter	- B.Q. vaccination may be carried out to control occurrence of Black Quarter disease during cold season (Nov. & Dec.)	
		required)	Tick	Add Butox @ 2cc/ lit of water and bath animal using the solution at fortnight interval.	
			Amphistomiasis	- Tolzan-F @ 30 ml/ 100kg body weight.	
Fishery:					
Type of Farming	Stage	Management	Agro-metrological advisor	ies	
Carp/ Catfish			maintained at 1.0-1.5n		
		 Feeds should be provided 2-3 times a day @ 5-10% body weight per day. Well balanced feed fortified with vitamins and minerals should be provided. 			
			 Apply Green AQ @ 4litre/ ha or lime @ 200kg/ ha. 8000-10,000 fingerlings/ha can be stocked. Sampling of fish should be done by regular netting. 		
Paddy cum fish culture	addy Water management um fish		- Maintained 1.0 m water depth of the trenches in paddy field. Provide rice bran and mustard oil cake (1:1) as supplementary feed. Avoid insecticide/pesticide application.		

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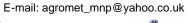
Bishnupur

Significant past weather for the preceding bi-weekly of	Weather forecast for next five days of Bishnupur
Imphal - West (19 th to 21 st August, 2014)	(23 rd to 27 th August, 2014)
During past three days sky was partly cloudy to mainly cloudy	There may be moderate to heavy rains upto Wednesday.
but mainly clear during morning hours of 20 th August. 0.2 mm	Sky may be partly cloudy to cloudy with maximum temp.
rainfall was recorded during past three days. Maximum	of $29.0 - 31.0$ °C & minimum temp. $21.0 - 23.0$ °C.
temperature range observed was 26.9 - 32.7 °C, range of	Relative humidity may reach a maximum of 100 %
minimum temperature observed was 22.5 - 23.7 °C, mean	(maximum RH) & 91 % (minimum RH). The average
relative humidity observed in morning and afternoon were	wind speed may be 2-6 km/hr during next five days.
82.3 % and 67.7 % respectively. The average wind speed	
range was $0.9 - 3.0$ km/hr.	

Name of the crop Stage Pest and disease infestation	Agro-meteorological advisories
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Interculture operat	tions/ weeding, appl	ication of fertilizer an	d spray of insecticides/ pesticides must not be done in next few days.
Field Crops			
Main kharif Rice	Tillering to panicle initiation		 Ridges may be well constructed to maintain optimum water level of 5-8cm. Drain out excess water due to rains. After rains, apply 33 kg Urea/ha at panicle initiation stage after complete removal of water. Irrigate field after 48 hrs of top dressing and maintain water level at 5-8 cm.
		Case worm, borer, leaf folder, plant hopper or thrips	Spray Coragen @3ml/15 lit of water or Lambdacyhothrin @ 15ml/ 15 litre of water (at least three pumps per sangam) after rains.
		Gall midge	- For gall midge, spray Fipronil @ 2g/ 15 lit water after rains.
Soybean & Groundnut	Vegetative to flowering/ pegging		- Drain out excess water to avoid water logging.
Storage			- Clean and store the seeds in RC-seed bins after proper drying. Check for germination of seeds or fungal growth. After proper drying, store grains/ seeds in well ventilated godowns.
Horticulture Crops		1	
Cabbage/ Cauliflower/ Broccoli	Nursery raising		 Drain out excess water accumulated near the nursery beds at earliest possible to avoid any loss to the crop due to water logging. Provide moveable/ temporary sheds to protect from rain. Farmers having polyhouses may raise nurseries of cole crops. Prophylactic and curative measures such as soil fumigation/ soil sterilization against damping off should be strictly followed with either Captan or Sixer.
Ginger	Rhizome initiation	Shoot borer/ soft rot	 Spray Dichlorovos @0.5ml/lit water and Sixer (Carbendazim + Mencozeb) @ 2g/lit water as curative as well as prophylactic measure. Avoid water logging. Drain out excess water from the field.
Turmeric	Rhizome initiation	Taphrine leaf blotch and other leaf spot	 Spray Redomil MZ 72 WP @ 2g/lit water at least two times alternately with Sixer at 15 days interval after the wet spell. Avoid water logging. Drain out excess water from the field.







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Name of the a	nimal	Growth stage	Disease/ infestation	Agro-meteorological advisories	
Provide clea	n drinki	ing water to birds and	animals. Avoid water lo	ogging around the sheds as it may help in mosquito breeding.	
		All susceptible age	Ranikhet disease	Vaccinate against Ranikhet disease.	
		groups (as and when required)	Fowl pox	- Vaccinate against fowl pox. If already infected, paint with Iodine tincture or Betadine liquid daily on pox growth.	
			Management	Add Furazolidone @ 100g in 100 kg of feed for one week. Keep litter material dry and add lime powder (deactivated) @ 3-4 kg per 100sq. ft.	
			Parasites (external)	Spray Butox liquid @ 2 ml/ lit of water twice a week.	
Sheep/ Goa	ıt	Above 3 months of age (as and when	Enterotoxaemia	Enterotoxaemia vaccination if available (M.C.C.V.) at 5 cc sub- cutaeneously.	
		required)	Ectoparasites	Brush the animal using medicated solution (Butox liquid @ 2 ml/ lit of water) twice a week.	
Pig		Above 3 months of age (as and when	Coccidial infection (Diarrhea)	Ofloxacine tab twice daily for 5 days.	
		required)	Deworming	- Deworming against Helminth parasites using Piperazine citrate @ 30 ml per adult animal once.	
			Ticks	Add Butox liquid @ 2 ml/ lit of water and use the solution twice a week while brushing the animal.	
				Give mineral mixture like Vimicon and Ascagold suspension in pregnant sow @ 20g and 20ml resp. in feed.	
Cattle / Buf Mithun	alo/	Above 3 months of age (as and when	Black Quarter	- B.Q. vaccination may be carried out to control occurrence of Black Quarter disease during cold season (Nov. & Dec.)	
		required)	Tick	Add Butox @ 2cc/ lit of water and bath animal using the solution at fortnight interval.	
			Amphistomiasis	- Tolzan-F @ 30 ml/ 100kg body weight.	
Fishery:			1		
Type of Farming	Stage	Management	Agro-metrological advisor	ies	
Carp/ Catfish culture	rp/ Grow – tfish out/		maintained at 1.0-1.5n - Feeds should be prov	vided 2-3 times a day @ 5-10% body weight per day.	
			 Well balanced feed fortified with vitamins and minerals should be provided. Apply Green AQ @ 4litre/ ha or lime @ 200kg/ ha. 8000-10,000 fingerlings/ha can be stocked. Sampling of fish should be done by regular netting. 		
Paddy cum fish culture	um fish		- Maintained 1.0 m water depth of the trenches in paddy field. Provide rice bran and mustard oil cake (1:1) as supplementary feed. Avoid insecticide/pesticide application.		