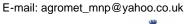
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ICAR Research Complex for N.E.H. Region Manipur Centre, Lamphelpat, Imphal - 795 004





"Gramin Krishi Mausam Seva"

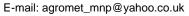
MANIPUR BULLETIN 6th October, 2015

Imphal-East

Significant past weather for the preceding bi-weekly of	Weather forecast for next five days of Imphal - East (7 th to
Imphal - West (2 nd to 5 th October, 2015)	11 th October, 2015)
During last four days sky was to partly cloudy to cloudy but	There may be light rain at most places but heavy rain at
mainly clear during morning hours of 4 th October. 2.2 mm	isolated places during next five days. Sky will remain partly
rainfall was recorded during last four days. Maximum	cloudy to mainly cloudy with maximum temp. of 30.0 – 33.0
temperature range observed was 30.1 - 32.0 °C, range of	°C & minimum temp. 22.0 – 24.0 °C. Relative humidity may
minimum temperature observed was 23.1 – 25.4 °C, mean	reach upto 100 % (max RH) & 94 % (min RH). The average
relative humidity observed in morning and afternoon were	wind speed may be 2-3 km/ hr during next five days. The Wind
88.25 % and 69.25 % respectively. The average wind speed	direction may be south-westerly on 10 th Oct and north easterly
range was 1.9 – 3.2 km/hr.	to south-easterly during remaining days.

Name of the crop	Stage	Pest and disease	Agro-meteorological advisories
Field Crops			
Kharif Rice			- Maintain water depth of 5cm in the rice field.
	Milky dough to grain filling	Bacterial leaf blight	Spray Copper fungicide (Blitox 0.3%) alternately with Streptocycline (250ppm).
		Neck blast	Spray with Tricyclazole @ 6 g/10 lit of water.
Soybean/ Groundnut	Maturity to harvesting		Harvesting may be done. For seed purpose, bundling should be done and kept for 3-4 days to increase maturity.
Potato	Land preparation		 Land preparation for planting potato may be started. Collect seed tubers from reliable source and treated it with Sixer (Carbendazim + Mencozeb) @ 2 gm/lit of water or Carbaryl 50 WP or Ridomil @ 2 gm/kg seed/ tubers for 20 minutes and let it dry in shed before planting as preventive measure against soil borne diseases.
Storage (seed)			- Clean and store the seeds in RC-seed bins after proper drying of the desicant charcoal. Check for moisture content or weight of seeds. For grains, store in well ventilated godowns with regular check for moisture.
Horticulture Crops			
Tree Bean	Pre-bearing and bearing trees		 Apply 60g DAP+ 10g MOP + 20g Tracel (micronutrient mixture) to prebearing and bearing trees before flowering for better yield. Spray Carbendazim @ 2g/ lit water to moist the soil to a depth of 1 ft. to prevent Verticillium wilt. 20g Carbofuran 3G/ plant may also be in-corporated as prophylactic measure against bark borer/ termites.
Ginger	Rhizome development	Shoot borer	- Spray Nimbicidine @ 2-5ml/lit water.
Ginger / Turmeric	Rhizome development	Soft rot	Apply Mancozeb + Metalxyl or Carbendazim 12% + Mancozeb 12% @ 2g/lit water or alternately at least twice depending upon its severity.
Cabbage	Nursery		 Sowing of main season crop may be done. Provide removable rain shelter facility like bamboo mat/ polythene sheet to the young seedlings below 20 days old.
	Transplanting (26-30 days old seedlings)		- Apply 50 kg DAP, 25kg MOP and 10 cart loads of FYM/ sangam as basal dose followed by 46 kg Urea in two splits dose after 20-40 days of transplanting.
Cauliflower	Nursery		 Sowing of main season crop may be done. Provide removable rain shelter facility like bamboo mat/ polythene sheet to the young seedlings below 20 days old.
	Transplanting (25-30 days old seedlings)		- Apply 50 kg DAP, 25kg MOP and 10 cart loads of FYM/ sangam as basal dose followed by 25 kg Urea for early crops and 50 kg urea in two splits dose after 20-40 days of transplanting for mid season crops.





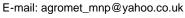


"Gramin Krishi Mausam Seva"

Animal Sciences			
Name of the animal	Growth stage	Disease/ infestation	Agro-meteorological advisories
Poultry (Chicken/ Turkey/ Duck)	All age groups	Care & management	 Deworm with Albendazole liquid @ 30 to 40 ml for 100 birds once only and repeat the same dose after 7 days. Proper light is to be provided for layers. No light for grower groups.
		Vaccination for Fowl pox	 Start keeping new batch chicks in case of layer variety. Vaccine has to be given for Fowl pox
Sheep/ Goat	Above 3	Vaccination	- Vaccinate against Enterotoxaemia/ M.C.C.V. (left overs).
	months of age	Deworming	- Give Ranizole suspension @ 3ml/ 10 kg body weight
Pig	All age	Management	- Keep sheds dry.
	groups	Deworming	Give Morantel citrate tab. (Banminth) @ 15mg/kg body weight.
Cattle / Buffalo/ Mithun	Above 3 months of	Deworming	Give Rafoxamide plus Levamizole (Rafox plus)/ Ranizole suspension @ 1ml/ 2kg body weight or 5.5ml/ 10 kg body weight (Ranizole).
	age (as and	Ectoparasitic	Butox liquid @ 2 ml. in 1 litre of water and brush using the solution
	when	infestation	twice a week
	required)	Black Quarter/ Black leg disease	Vaccinate with B.Q & H.S. vaccine for all the animals of above 3 months
Fishery:			
Type of Farming	Stage	Management	Agro-metrological advisories
	Nurseries/ grow- out	Pond and water	Maintain minimum depth of 1.0 - 1.5 m and pH at 7.0 – 7.5. Apply Lime @ 25-30kg/ ha every month or broadcast Green AQ @ 2 litre/ha by mixing with water.
		Feed	Provide feed 2 times @ 5 % body weight per day. Provide good feed having 30% crude protein fortified with vitamins and mineral.
		Fish	 For semi-intensive farming, 10000-12000 fingerlings can be stocked in one hectare pond. Stocking ratio may be maintained at 40% of surface feeder, 30% column feeder and 30% bottom feeder. Sampling of fish for growth, disease should be done regularly by netting.
In integrated Fish Farming	Pig		About 30-40 two months old pigs may be kept for fertilization of the one ha fish pond. Pigs are feed on mash at an average of 1kg/day. Green grasses or animal folder is also provided. Grass with interlocked soil in the root system (sod) is provided once a week to avoid mineral deficiency.
	Duck		200-400 ducks of 2-3 months old are sufficient to adequately fertilize a 1 ha pond.

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"Gramin Krishi Mausam Seva"

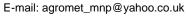
MANIPUR BULLETIN 6th October, 2015

Imphal-West

Significant past weather for the preceding bi-weekly of	Weather forecast for next five days of Imphal - West
Imphal - West (2 nd to 5 th October, 2015)	(7 th to 11 th October, 2015)
During last four days sky was to partly cloudy to cloudy but	There may be light rain at most places but heavy rain at
mainly clear during morning hours of 4 th October. 2.2 mm	isolated places during next five days. Sky will remain partly
rainfall was recorded during last four days. Maximum	cloudy to mainly cloudy with maximum temp. of $30.0 - 33.0$
temperature range observed was 30.1 - 32.0 °C, range of	^o C & minimum temp. 22.0 – 24.0 ^o C. Relative humidity may
minimum temperature observed was 23.1 - 25.4 °C, mean	reach upto 100 % (max RH) & 94 % (min RH). The average
relative humidity observed in morning and afternoon were	wind speed may be 2-3 km/ hr during next five days. The Wind
88.25 % and 69.25 % respectively. The average wind speed	direction may be south-westerly on 10 th Oct and north easterly
range was $1.9 - 3.2$ km/hr.	to south-easterly during remaining days.

Name of the crop	Stage	Pest and disease	Agro-meteorological advisories
Field Crops	-	1	
Kharif Rice			- Maintain water depth of 5cm in the rice field.
	Milky dough to grain filling	Bacterial leaf blight	Spray Copper fungicide (Blitox 0.3%) alternately with Streptocycline (250ppm).
		Neck blast	Spray with Tricyclazole @ 6 g/10 lit of water.
Soybean/ Groundnut	Maturity to harvesting		Harvesting may be done. For seed purpose, bundling should be done and kept for 3-4 days to increase maturity.
Potato	Land preparation		 Land preparation for planting potato may be started. Collect seed tubers from reliable source and treated it with Sixer (Carbendazim + Mencozeb) @ 2 gm/lit of water or Carbaryl 50 WP or Ridomil @ 2 gm/kg seed/ tubers for 20 minutes and let it dry in shed before planting as preventive measure against soil borne diseases.
Storage (seed)			 Clean and store the seeds in RC-seed bins after proper drying of the desicant charcoal. Check for moisture content or weight of seeds. For grains, store in well ventilated godowns with regular check for moisture.
Horticulture Crops			
Tree Bean	Pre-bearing and bearing trees		 Apply 60g DAP+ 10g MOP + 20g Tracel (micronutrient mixture) to prebearing and bearing trees before flowering for better yield. Spray Carbendazim @ 2g/ lit water to moist the soil to a depth of 1 ft. to prevent Verticillium wilt. 20g Carbofuran 3G/ plant may also be in-corporated as prophylactic measure against bark borer/ termites.
Ginger	Rhizome development	Shoot borer	- Spray Nimbicidine @ 2-5ml/lit water.
Ginger / Turmeric	Rhizome development	Soft rot	Apply Mancozeb + Metalxyl or Carbendazim 12% + Mancozeb 12% @ 2g/lit water or alternately at least twice depending upon its severity.
Cabbage	Nursery		 Sowing of main season crop may be done. Provide removable rain shelter facility like bamboo mat/ polythene sheet to the young seedlings below 20 days old.
	Transplanting (26-30 days old seedlings)		- Apply 50 kg DAP, 25kg MOP and 10 cart loads of FYM/ sangam as basal dose followed by 46 kg Urea in two splits dose after 20-40 days of transplanting.
Cauliflower	Nursery		 Sowing of main season crop may be done. Provide removable rain shelter facility like bamboo mat/ polythene sheet to the young seedlings below 20 days old.
	Transplanting (25-30 days old seedlings)		- Apply 50 kg DAP, 25kg MOP and 10 cart loads of FYM/ sangam as basal dose followed by 25 kg Urea for early crops and 50 kg urea in two splits dose after 20-40 days of transplanting for mid season crops.





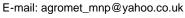


"Gramin Krishi Mausam Seva"

Animal Sciences			
Name of the animal	Growth stage	Disease/ infestation	Agro-meteorological advisories
Poultry (Chicken/	All age	Care & management	- Deworm with Albendazole liquid @ 30 to 40 ml for 100 birds once
Turkey/ Duck)	groups		only and repeat the same dose after 7 days.
			- Proper light is to be provided for layers.
			- No light for grower groups.
			- Start keeping new batch chicks in case of layer variety.
		Vaccination for Fowl	-Vaccine has to be given for Fowl pox
		pox	
Sheep/ Goat	Above 3	Vaccination	- Vaccinate against Enterotoxaemia/ M.C.C.V. (left overs).
	months of age	Deworming	- Give Ranizole suspension @ 3ml/ 10 kg body weight
Pig	All age	Management	- Keep sheds dry.
-	groups	Deworming	Give Morantel citrate tab. (Banminth) @ 15mg/kg body weight.
Cattle / Buffalo/	Above 3	Deworming	Give Rafoxamide plus Levamizole (Rafox plus)/ Ranizole suspension @
Mithun	months of	C	1ml/ 2kg body weight or 5.5ml/ 10 kg body weight (Ranizole).
	age (as and	Ectoparasitic	Butox liquid @ 2 ml. in 1 litre of water and brush using the solution
	when	infestation	twice a week
	required)	Black Quarter/ Black	Vaccinate with B.Q & H.S. vaccine for all the animals of above 3
		leg disease	months
Fishery:			
Type of Farming	Stage	Management	Agro-metrological advisories
Carp culture	Nurseries/ grow-	Pond and water	Maintain minimum depth of $1.0 - 1.5$ m and pH at $7.0 - 7.5$.
	out		Apply Lime @ 25-30kg/ ha every month or broadcast Green AQ @ 2
			litre/ha by mixing with water.
		Feed	Provide feed 2 times @ 5 % body weight per day.
			Provide good feed having 30% crude protein fortified with vitamins and
			mineral.
		Fish	For semi-intensive farming, 10000-12000 fingerlings can be stocked in
			one hectare pond.
			- Stocking ratio may be maintained at 40% of surface feeder, 30% column
			feeder and 30% bottom feeder.
			- Sampling of fish for growth, disease should be done regularly by netting.
	Pig		About 30-40 two months old pigs may be kept for fertilization of the one
Farming			ha fish pond. Pigs are feed on mash at an average of 1kg/day. Green
			grasses or animal folder is also provided. Grass with interlocked soil in the
	D 1		root system (sod) is provided once a week to avoid mineral deficiency.
	Duck		200-400 ducks of 2-3 months old are sufficient to adequately fertilize a 1
			ha pond.

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"Gramin Krishi Mausam Seva"

MANIPUR BULLETIN 6th October, 2015

Senapati

Significant past weather for the preceding bi-weekly of	Weather forecast for next five days of Senapati
Imphal - West (2 nd to 5 th October, 2015)	(7 th to 11 th October, 2015)
During last four days sky was to partly cloudy to cloudy but	There may be light rain at most places but heavy rain at
mainly clear during morning hours of 4 th October. 2.2 mm	isolated places during next five days. Sky will remain partly
rainfall was recorded during last four days. Maximum	cloudy to mainly cloudy with maximum temp. of $27.0 - 30.0$
temperature range observed was 30.1 - 32.0 °C, range of	°C & minimum temp. 17.0 – 20.0 °C. Relative humidity may
minimum temperature observed was 23.1 - 25.4 °C, mean	reach upto 100 % (max RH) & 90 % (min RH). The average
relative humidity observed in morning and afternoon were	wind speed may be 2-3 km/ hr during next five days. The Wind
88.25 % and 69.25 % respectively. The average wind speed	direction may be south-westerly on 10 th Oct and north easterly
range was 1.9 – 3.2 km/hr.	to south-easterly during remaining days.

Name of the crop	Stage	Pest and disease	Agro-meteorological advisories
Field Crops			
Kharif Rice			- Maintain water depth of 5cm in the rice field.
	Milky dough to grain filling	Bacterial leaf blight	Spray Copper fungicide (Blitox 0.3%) alternately with Streptocycline (250ppm).
		Neck blast	Spray with Tricyclazole @ 6 g/10 lit of water.
Soybean/ Groundnut	Maturity to harvesting		Harvesting may be done. For seed purpose, bundling should be done and kept for 3-4 days to increase maturity.
Potato	Land preparation		 Land preparation for planting potato may be started. Collect seed tubers from reliable source and treated it with Sixer (Carbendazim + Mencozeb) @ 2 gm/lit of water or Carbaryl 50 WP or Ridomil @ 2 gm/kg seed/ tubers for 20 minutes and let it dry in shed before planting as preventive measure against soil borne diseases.
Storage (seed)			- Clean and store the seeds in RC-seed bins after proper drying of the desicant charcoal. Check for moisture content or weight of seeds. For grains, store in well ventilated godowns with regular check for moisture.
Horticulture Crops	-		
Tree Bean	Pre-bearing and bearing trees		 Apply 60g DAP+ 10g MOP + 20g Tracel (micronutrient mixture) to prebearing and bearing trees before flowering for better yield. Spray Carbendazim @ 2g/ lit water to moist the soil to a depth of 1 ft. to prevent Verticillium wilt. 20g Carbofuran 3G/ plant may also be in-corporated as prophylactic measure against bark borer/ termites.
Ginger	Rhizome development	Shoot borer	- Spray Nimbicidine @ 2-5ml/lit water.
Ginger / Turmeric	Rhizome development	Soft rot	Apply Mancozeb + Metalxyl or Carbendazim 12% + Mancozeb 12% @ 2g/lit water or alternately at least twice depending upon its severity.
Cabbage	Nursery		 Sowing of main season crop may be done. Provide removable rain shelter facility like bamboo mat/ polythene sheet to the young seedlings below 20 days old.
	Transplanting (26-30 days old seedlings)		- Apply 50 kg DAP, 25kg MOP and 10 cart loads of FYM/ sangam as basal dose followed by 46 kg Urea in two splits dose after 20-40 days of transplanting.
Cauliflower	Nursery		 Sowing of main season crop may be done. Provide removable rain shelter facility like bamboo mat/ polythene sheet to the young seedlings below 20 days old.
	Transplanting (25-30 days old seedlings)		- Apply 50 kg DAP, 25kg MOP and 10 cart loads of FYM/ sangam as basal dose followed by 25 kg Urea for early crops and 50 kg urea in two splits dose after 20-40 days of transplanting for mid season crops.



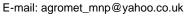


"Gramin Krishi Mausam Seva"

Animal Sciences			
Name of the animal	Growth stage	Disease/ infestation	Agro-meteorological advisories
Poultry (Chicken/ Turkey/ Duck)	All age groups	Care & management	- Deworm with Albendazole liquid @ 30 to 40 ml for 100 birds once only and repeat the same dose after 7 days.
			- Proper light is to be provided for layers.
			- No light for grower groups.
			- Start keeping new batch chicks in case of layer variety.
		Vaccination for Fowl	-Vaccine has to be given for Fowl pox
		pox	
Sheep/ Goat	Above 3	Vaccination	- Vaccinate against Enterotoxaemia/ M.C.C.V. (left overs).
	months of age	Deworming	- Give Ranizole suspension @ 3ml/ 10 kg body weight
Pig	All age	Management	- Keep sheds dry.
	groups	Deworming	Give Morantel citrate tab. (Banminth) @ 15mg/kg body weight.
Cattle / Buffalo/ Mithun	Above 3 months of	Deworming	Give Rafoxamide plus Levamizole (Rafox plus)/ Ranizole suspension @ 1ml/ 2kg body weight or 5.5ml/ 10 kg body weight (Ranizole).
	age (as and	Ectoparasitic	Butox liquid @ 2 ml. in 1 litre of water and brush using the solution
	when	infestation	twice a week
	required)	Black Quarter/ Black leg disease	Vaccinate with B.Q & H.S. vaccine for all the animals of above 3 months
Fishery:			
Type of Farming	Stage	Management	Agro-metrological advisories
Carp culture	Nurseries/ grow-	Pond and water	Maintain minimum depth of 1.0 - 1.5 m and pH at 7.0 – 7.5.
	out		Apply Lime @ 25-30kg/ ha every month or broadcast Green AQ @ 2
			litre/ha by mixing with water.
		Feed	Provide feed 2 times @ 5 % body weight per day.
			Provide good feed having 30% crude protein fortified with vitamins and mineral.
		Fish	For semi-intensive farming, 10000-12000 fingerlings can be stocked in one hectare pond.
			- Stocking ratio may be maintained at 40% of surface feeder, 30% column feeder and 30% bottom feeder.
			- Sampling of fish for growth, disease should be done regularly by netting.
In integrated Fish	Pig		About 30-40 two months old pigs may be kept for fertilization of the one
Farming			ha fish pond. Pigs are feed on mash at an average of 1kg/day. Green
			grasses or animal folder is also provided. Grass with interlocked soil in the
			root system (sod) is provided once a week to avoid mineral deficiency.
	Duck		200-400 ducks of 2-3 months old are sufficient to adequately fertilize a 1
			ha pond.

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"Gramin Krishi Mausam Seva"

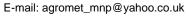
MANIPUR BULLETIN 6th October, 2015

Tamenglong

Significant past weather for the preceding bi-weekly of	Weather forecast for next five days of Tamenglong
Imphal - West (2 nd to 5 th October, 2015)	(7 th to 11 th October, 2015)
During last four days sky was to partly cloudy to cloudy but	There may be light rain at most places but heavy rain at
mainly clear during morning hours of 4 th October. 2.2 mm	
rainfall was recorded during last four days. Maximum	cloudy to mainly cloudy with maximum temp. of $30.0 - 33.0$
temperature range observed was 30.1 - 32.0 °C, range of	^o C & minimum temp. 21.0 – 24.0 ^o C. Relative humidity may
minimum temperature observed was 23.1 – 25.4 °C, mean	reach upto 100 % (max RH) & 87 % (min RH). The average
relative humidity observed in morning and afternoon were	wind speed may be 2-3 km/ hr during next five days. The Wind
88.25 % and 69.25 % respectively. The average wind speed	direction may be south-westerly on 10 th Oct and north easterly
range was 1.9 – 3.2 km/hr.	to south-easterly during remaining days.

Name of the crop	Stage	Pest and disease	Agro-meteorological advisories
Field Crops	-		
Kharif Rice			- Maintain water depth of 5cm in the rice field.
	Milky dough to grain filling	Bacterial leaf blight	Spray Copper fungicide (Blitox 0.3%) alternately with Streptocycline (250ppm).
		Neck blast	Spray with Tricyclazole @ 6 g/10 lit of water.
Soybean/ Groundnut	Maturity to harvesting		Harvesting may be done. For seed purpose, bundling should be done and kept for 3-4 days to increase maturity.
Potato	Land preparation		 Land preparation for planting potato may be started. Collect seed tubers from reliable source and treated it with Sixer (Carbendazim + Mencozeb) @ 2 gm/lit of water or Carbaryl 50 WP or Ridomil @ 2 gm/kg seed/ tubers for 20 minutes and let it dry in shed before planting as preventive measure against soil borne diseases.
Storage (seed)			 Clean and store the seeds in RC-seed bins after proper drying of the desicant charcoal. Check for moisture content or weight of seeds. For grains, store in well ventilated godowns with regular check for moisture.
Horticulture Crops			
Tree Bean	Pre-bearing and bearing trees		 Apply 60g DAP+ 10g MOP + 20g Tracel (micronutrient mixture) to prebearing and bearing trees before flowering for better yield. Spray Carbendazim @ 2g/ lit water to moist the soil to a depth of 1 ft. to prevent Verticillium wilt. 20g Carbofuran 3G/ plant may also be in-corporated as prophylactic measure against bark borer/ termites.
Ginger	Rhizome development	Shoot borer	- Spray Nimbicidine @ 2-5ml/lit water.
Ginger / Turmeric	Rhizome development	Soft rot	Apply Mancozeb + Metalxyl or Carbendazim 12% + Mancozeb 12% @ 2g/lit water or alternately at least twice depending upon its severity.
Cabbage	Nursery		 Sowing of main season crop may be done. Provide removable rain shelter facility like bamboo mat/ polythene sheet to the young seedlings below 20 days old.
	Transplanting (26-30 days old seedlings)		- Apply 50 kg DAP, 25kg MOP and 10 cart loads of FYM/ sangam as basal dose followed by 46 kg Urea in two splits dose after 20-40 days of transplanting.
Cauliflower	Nursery		 Sowing of main season crop may be done. Provide removable rain shelter facility like bamboo mat/ polythene sheet to the young seedlings below 20 days old.
	Transplanting (25-30 days old seedlings)		- Apply 50 kg DAP, 25kg MOP and 10 cart loads of FYM/ sangam as basal dose followed by 25 kg Urea for early crops and 50 kg urea in two splits dose after 20-40 days of transplanting for mid season crops.





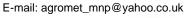


"Gramin Krishi Mausam Seva"

Animal Sciences			
Name of the animal	Growth stage	Disease/ infestation	Agro-meteorological advisories
Poultry (Chicken/ Turkey/ Duck)	All age groups	Care & management	 Deworm with Albendazole liquid @ 30 to 40 ml for 100 birds once only and repeat the same dose after 7 days. Proper light is to be provided for layers. No light for grower groups.
		Vaccination for Fowl pox	 Start keeping new batch chicks in case of layer variety. Vaccine has to be given for Fowl pox
Sheep/ Goat	Above 3	Vaccination	- Vaccinate against Enterotoxaemia/ M.C.C.V. (left overs).
	months of age	Deworming	- Give Ranizole suspension @ 3ml/ 10 kg body weight
Pig	All age	Management	- Keep sheds dry.
	groups	Deworming	Give Morantel citrate tab. (Banminth) @ 15mg/kg body weight.
Cattle / Buffalo/ Mithun	Above 3 months of	Deworming	Give Rafoxamide plus Levamizole (Rafox plus)/ Ranizole suspension @ 1ml/ 2kg body weight or 5.5ml/ 10 kg body weight (Ranizole).
	age (as and	Ectoparasitic	Butox liquid @ 2 ml. in 1 litre of water and brush using the solution
	when	infestation	twice a week
	required)	Black Quarter/ Black leg disease	Vaccinate with B.Q & H.S. vaccine for all the animals of above 3 months
Fishery:			
Type of Farming	Stage	Management	Agro-metrological advisories
	Nurseries/ grow- out	Pond and water	Maintain minimum depth of 1.0 - 1.5 m and pH at 7.0 – 7.5. Apply Lime @ 25-30kg/ ha every month or broadcast Green AQ @ 2 litre/ha by mixing with water.
		Feed	Provide feed 2 times @ 5 % body weight per day. Provide good feed having 30% crude protein fortified with vitamins and mineral.
		Fish	 For semi-intensive farming, 10000-12000 fingerlings can be stocked in one hectare pond. Stocking ratio may be maintained at 40% of surface feeder, 30% column feeder and 30% bottom feeder. Sampling of fish for growth, disease should be done regularly by netting.
In integrated Fish Farming	Pig		About 30-40 two months old pigs may be kept for fertilization of the one ha fish pond. Pigs are feed on mash at an average of 1kg/day. Green grasses or animal folder is also provided. Grass with interlocked soil in the root system (sod) is provided once a week to avoid mineral deficiency.
	Duck		200-400 ducks of 2-3 months old are sufficient to adequately fertilize a 1 ha pond.

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





"Gramin Krishi Mausam Seva"

MANIPUR BULLETIN 6th October, 2015

Thoubal

Significant past weather for the preceding bi-weekly of	Weather forecast for next five days of Thoubal
Imphal - West (2 nd to 5 th October, 2015)	(7 th to 11 th October, 2015)
During last four days sky was to partly cloudy to cloudy but	There may be light rain at most places but heavy rain at
mainly clear during morning hours of 4 th October. 2.2 mm	isolated places during next five days. Sky will remain partly
rainfall was recorded during last four days. Maximum	cloudy to mainly cloudy with maximum temp. of $30.0 - 32.0$
temperature range observed was 30.1 - 32.0 °C, range of	$^{\circ}$ C & minimum temp. 21.0 – 23.0 $^{\circ}$ C. Relative humidity may
minimum temperature observed was 23.1 - 25.4 °C, mean	reach upto 100 % (max RH) & 96 % (min RH). The average
relative humidity observed in morning and afternoon were	wind speed may be 2 km/ hr during next five days. The Wind
88.25 % and 69.25 % respectively. The average wind speed	direction may be south-westerly on 10 th Oct and north easterly
range was 1.9 – 3.2 km/hr.	to south-easterly during remaining days.

Name of the crop	Stage	Pest and disease	Agro-meteorological advisories
Field Crops	ų.		
Kharif Rice			- Maintain water depth of 5cm in the rice field.
	Milky dough to grain filling	Bacterial leaf blight	Spray Copper fungicide (Blitox 0.3%) alternately with Streptocycline (250ppm).
		Neck blast	Spray with Tricyclazole @ 6 g/10 lit of water.
Soybean/ Groundnut	Maturity to harvesting		Harvesting may be done. For seed purpose, bundling should be done and kept for 3-4 days to increase maturity.
Potato	Land preparation		 Land preparation for planting potato may be started. Collect seed tubers from reliable source and treated it with Sixer (Carbendazim + Mencozeb) @ 2 gm/lit of water or Carbaryl 50 WP or Ridomil @ 2 gm/kg seed/ tubers for 20 minutes and let it dry in shed before planting as preventive measure against soil borne diseases.
Storage (seed)			- Clean and store the seeds in RC-seed bins after proper drying of the desicant charcoal. Check for moisture content or weight of seeds. For grains, store in well ventilated godowns with regular check for moisture.
Horticulture Crops			
Tree Bean	Pre-bearing and bearing trees		 Apply 60g DAP+ 10g MOP + 20g Tracel (micronutrient mixture) to prebearing and bearing trees before flowering for better yield. Spray Carbendazim @ 2g/ lit water to moist the soil to a depth of 1 ft. to prevent Verticillium wilt. 20g Carbofuran 3G/ plant may also be in-corporated as prophylactic measure against bark borer/ termites.
Ginger	Rhizome development	Shoot borer	- Spray Nimbicidine @ 2-5ml/lit water.
Ginger / Turmeric	Rhizome development	Soft rot	Apply Mancozeb + Metalxyl or Carbendazim 12% + Mancozeb 12% @ 2g/lit water or alternately at least twice depending upon its severity.
Cabbage	Nursery		 Sowing of main season crop may be done. Provide removable rain shelter facility like bamboo mat/ polythene sheet to the young seedlings below 20 days old.
	Transplanting (26-30 days old seedlings)		- Apply 50 kg DAP, 25kg MOP and 10 cart loads of FYM/ sangam as basal dose followed by 46 kg Urea in two splits dose after 20-40 days of transplanting.
Cauliflower	Nursery		 Sowing of main season crop may be done. Provide removable rain shelter facility like bamboo mat/ polythene sheet to the young seedlings below 20 days old.
	Transplanting (25-30 days old seedlings)		- Apply 50 kg DAP, 25kg MOP and 10 cart loads of FYM/ sangam as basal dose followed by 25 kg Urea for early crops and 50 kg urea in two splits dose after 20-40 days of transplanting for mid season crops.





"Gramin Krishi Mausam Seva"

Animal Sciences			
Name of the animal	Growth stage	Disease/ infestation	Agro-meteorological advisories
Poultry (Chicken/ Turkey/ Duck)	All age groups	Care & management	- Deworm with Albendazole liquid @ 30 to 40 ml for 100 birds once only and repeat the same dose after 7 days.
-	8 1		- Proper light is to be provided for layers.
			- No light for grower groups.
			- Start keeping new batch chicks in case of layer variety.
		Vaccination for Fowl	-Vaccine has to be given for Fowl pox
		pox	
Sheep/ Goat	Above 3	Vaccination	- Vaccinate against Enterotoxaemia/ M.C.C.V. (left overs).
	months of age	Deworming	- Give Ranizole suspension @ 3ml/ 10 kg body weight
Pig	All age	Management	- Keep sheds dry.
	groups	Deworming	Give Morantel citrate tab. (Banminth) @ 15mg/kg body weight.
Cattle / Buffalo/ Mithun	Above 3 months of	Deworming	Give Rafoxamide plus Levamizole (Rafox plus)/ Ranizole suspension @ 1ml/ 2kg body weight or 5.5ml/ 10 kg body weight (Ranizole).
	age (as and	Ectoparasitic	Butox liquid @ 2 ml. in 1 litre of water and brush using the solution
	when	infestation	twice a week
	required)	Black Quarter/ Black leg disease	Vaccinate with B.Q & H.S. vaccine for all the animals of above 3 months
Fishery:			
Type of Farming	Stage	Management	Agro-metrological advisories
Carp culture	Nurseries/ grow-	Pond and water	Maintain minimum depth of 1.0 - 1.5 m and pH at 7.0 – 7.5.
	out		Apply Lime @ 25-30kg/ ha every month or broadcast Green AQ @ 2
			litre/ha by mixing with water.
		Feed	Provide feed 2 times @ 5 % body weight per day.
			Provide good feed having 30% crude protein fortified with vitamins and mineral.
		Fish	For semi-intensive farming, 10000-12000 fingerlings can be stocked in
			one hectare pond.
			- Stocking ratio may be maintained at 40% of surface feeder, 30% column
			feeder and 30% bottom feeder.
To take and a TPUT	D'		- Sampling of fish for growth, disease should be done regularly by netting.
In integrated Fish Farming	Pig		About 30-40 two months old pigs may be kept for fertilization of the one
r ar nung			ha fish pond. Pigs are feed on mash at an average of 1kg/day. Green grasses or animal folder is also provided. Grass with interlocked soil in the
			root system (sod) is provided once a week to avoid mineral deficiency.
	Duck		200-400 ducks of 2-3 months old are sufficient to adequately fertilize a 1
	DUCK		ha pond.



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



"Gramin Krishi Mausam Seva"

MANIPUR BULLETIN 6th October, 2015

Ukhrul

Significant past weather for the preceding bi-weekly of	Weather forecast for next five days of Ukhrul
Imphal - West (2 nd to 5 th October, 2015)	(7 th to 11 th October, 2015)
During last four days sky was to partly cloudy to cloudy but	There may be light rain at most places but heavy rain at
mainly clear during morning hours of 4 th October. 2.2 mm	isolated places during next five days. Sky will remain partly
rainfall was recorded during last four days. Maximum	cloudy to mainly cloudy with maximum temp. of $27.0 - 30.0$
temperature range observed was 30.1 - 32.0 °C, range of	°C & minimum temp. 17.0 – 19.0 °C. Relative humidity may
minimum temperature observed was 23.1 - 25.4 °C, mean	reach upto 100 % (max RH) & 96 % (min RH). The average
relative humidity observed in morning and afternoon were	wind speed may be 2-3 km/ hr during next five days. The Wind
88.25 % and 69.25 % respectively. The average wind speed	direction may be south-westerly on 10 th Oct and north easterly
range was 1.9 – 3.2 km/hr.	to south-easterly during remaining days.

Name of the crop	Stage	Pest and disease	Agro-meteorological advisories
Field Crops			
Kharif Rice			- Maintain water depth of 5cm in the rice field.
	Milky dough to grain filling	Bacterial leaf blight	Spray Copper fungicide (Blitox 0.3%) alternately with Streptocycline (250ppm).
		Neck blast	Spray with Tricyclazole @ 6 g/10 lit of water.
Soybean/ Groundnut	Maturity to harvesting		Harvesting may be done. For seed purpose, bundling should be done and kept for 3-4 days to increase maturity.
Potato	Land preparation		 Land preparation for planting potato may be started. Collect seed tubers from reliable source and treated it with Sixer (Carbendazim + Mencozeb) @ 2 gm/lit of water or Carbaryl 50 WP or Ridomil @ 2 gm/kg seed/ tubers for 20 minutes and let it dry in shed before planting as preventive measure against soil borne diseases.
Storage (seed)			- Clean and store the seeds in RC-seed bins after proper drying of the desicant charcoal. Check for moisture content or weight of seeds. For grains, store in well ventilated godowns with regular check for moisture.
Horticulture Crops			
Tree Bean	Pre-bearing and bearing trees		 Apply 60g DAP+ 10g MOP + 20g Tracel (micronutrient mixture) to prebearing and bearing trees before flowering for better yield. Spray Carbendazim @ 2g/ lit water to moist the soil to a depth of 1 ft. to prevent Verticillium wilt. 20g Carbofuran 3G/ plant may also be in-corporated as prophylactic measure against bark borer/ termites.
Ginger	Rhizome development	Shoot borer	- Spray Nimbicidine @ 2-5ml/lit water.
Ginger / Turmeric	Rhizome development	Soft rot	Apply Mancozeb + Metalxyl or Carbendazim 12% + Mancozeb 12% @ 2g/lit water or alternately at least twice depending upon its severity.
Cabbage	Nursery		 Sowing of main season crop may be done. Provide removable rain shelter facility like bamboo mat/ polythene sheet to the young seedlings below 20 days old.
	Transplanting (26-30 days old seedlings)		- Apply 50 kg DAP, 25kg MOP and 10 cart loads of FYM/ sangam as basal dose followed by 46 kg Urea in two splits dose after 20-40 days of transplanting.
Cauliflower	Nursery		 Sowing of main season crop may be done. Provide removable rain shelter facility like bamboo mat/ polythene sheet to the young seedlings below 20 days old.
	Transplanting (25-30 days old seedlings)		- Apply 50 kg DAP, 25kg MOP and 10 cart loads of FYM/ sangam as basal dose followed by 25 kg Urea for early crops and 50 kg urea in two splits dose after 20-40 days of transplanting for mid season crops.



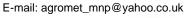


"Gramin Krishi Mausam Seva"

Animal Sciences			
Name of the animal	Growth stage	Disease/ infestation	Agro-meteorological advisories
Poultry (Chicken/ Turkey/ Duck)	All age groups	Care & management	- Deworm with Albendazole liquid @ 30 to 40 ml for 100 birds once only and repeat the same dose after 7 days.
-	8 1		- Proper light is to be provided for layers.
			- No light for grower groups.
			- Start keeping new batch chicks in case of layer variety.
		Vaccination for Fowl	-Vaccine has to be given for Fowl pox
		pox	
Sheep/ Goat	Above 3	Vaccination	- Vaccinate against Enterotoxaemia/ M.C.C.V. (left overs).
	months of age	Deworming	- Give Ranizole suspension @ 3ml/ 10 kg body weight
Pig	All age	Management	- Keep sheds dry.
	groups	Deworming	Give Morantel citrate tab. (Banminth) @ 15mg/kg body weight.
Cattle / Buffalo/ Mithun	Above 3 months of	Deworming	Give Rafoxamide plus Levamizole (Rafox plus)/ Ranizole suspension @ 1ml/ 2kg body weight or 5.5ml/ 10 kg body weight (Ranizole).
	age (as and	Ectoparasitic	Butox liquid @ 2 ml. in 1 litre of water and brush using the solution
	when	infestation	twice a week
	required)	Black Quarter/ Black leg disease	Vaccinate with B.Q & H.S. vaccine for all the animals of above 3 months
Fishery:			
Type of Farming	Stage	Management	Agro-metrological advisories
Carp culture	Nurseries/ grow-	Pond and water	Maintain minimum depth of 1.0 - 1.5 m and pH at 7.0 – 7.5.
	out		Apply Lime @ 25-30kg/ ha every month or broadcast Green AQ @ 2
			litre/ha by mixing with water.
		Feed	Provide feed 2 times @ 5 % body weight per day.
			Provide good feed having 30% crude protein fortified with vitamins and mineral.
		Fish	For semi-intensive farming, 10000-12000 fingerlings can be stocked in
			one hectare pond.
			- Stocking ratio may be maintained at 40% of surface feeder, 30% column
			feeder and 30% bottom feeder.
To take and a TPUT	D'		- Sampling of fish for growth, disease should be done regularly by netting.
In integrated Fish Farming	Pig		About 30-40 two months old pigs may be kept for fertilization of the one
r ar nung			ha fish pond. Pigs are feed on mash at an average of 1kg/day. Green grasses or animal folder is also provided. Grass with interlocked soil in the
			root system (sod) is provided once a week to avoid mineral deficiency.
	Duck		200-400 ducks of 2-3 months old are sufficient to adequately fertilize a 1
	DUCK		ha pond.

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"Gramin Krishi Mausam Seva"

MANIPUR BULLETIN 6th October, 2015

Bishnupur

Significant past weather for the preceding bi-weekly of	Weather forecast for next five days of Bishnupur
Imphal - West (2 nd to 5 th October, 2015)	(7 th to 11 th October, 2015)
During last four days sky was to partly cloudy to cloudy but	There may be light rain at most places but heavy rain at
mainly clear during morning hours of 4 th October. 2.2 mm	isolated places during next five days. Sky will remain partly
rainfall was recorded during last four days. Maximum	cloudy to mainly cloudy with maximum temp. of $29.0 - 32.0$
temperature range observed was 30.1 - 32.0 °C, range of	$^{\circ}$ C & minimum temp. 21.0 – 23.0 $^{\circ}$ C. Relative humidity may
minimum temperature observed was 23.1 – 25.4 °C, mean	reach upto 100 % (max RH) & 93 % (min RH). The average
relative humidity observed in morning and afternoon were	wind speed may be 2 km/ hr during next five days. The Wind
88.25 % and 69.25 % respectively. The average wind speed	direction may be south-westerly on 10 th Oct and north easterly
range was 1.9 – 3.2 km/hr.	to south-easterly during remaining days.

Name of the crop	Stage	Pest and disease	Agro-meteorological advisories
Field Crops	- I		
Kharif Rice			- Maintain water depth of 5cm in the rice field.
	Milky dough to grain filling	Bacterial leaf blight	Spray Copper fungicide (Blitox 0.3%) alternately with Streptocycline (250ppm).
		Neck blast	Spray with Tricyclazole @ 6 g/10 lit of water.
Soybean/ Groundnut	Maturity to harvesting		Harvesting may be done. For seed purpose, bundling should be done and kept for 3-4 days to increase maturity.
Potato	Land preparation		 Land preparation for planting potato may be started. Collect seed tubers from reliable source and treated it with Sixer (Carbendazim + Mencozeb) @ 2 gm/lit of water or Carbaryl 50 WP or Ridomil @ 2 gm/kg seed/ tubers for 20 minutes and let it dry in shed before planting as preventive measure against soil borne diseases.
Storage (seed)			- Clean and store the seeds in RC-seed bins after proper drying of the desicant charcoal. Check for moisture content or weight of seeds. For grains, store in well ventilated godowns with regular check for moisture.
Horticulture Crops			
Tree Bean	Pre-bearing and bearing trees		 Apply 60g DAP+ 10g MOP + 20g Tracel (micronutrient mixture) to prebearing and bearing trees before flowering for better yield. Spray Carbendazim @ 2g/ lit water to moist the soil to a depth of 1 ft. to prevent Verticillium wilt. 20g Carbofuran 3G/ plant may also be in-corporated as prophylactic measure against bark borer/ termites.
Ginger	Rhizome development	Shoot borer	- Spray Nimbicidine @ 2-5ml/lit water.
Ginger / Turmeric	Rhizome development	Soft rot	Apply Mancozeb + Metalxyl or Carbendazim 12% + Mancozeb 12% @ 2g/lit water or alternately at least twice depending upon its severity.
Cabbage	Nursery		 Sowing of main season crop may be done. Provide removable rain shelter facility like bamboo mat/ polythene sheet to the young seedlings below 20 days old.
	Transplanting (26-30 days old seedlings)		- Apply 50 kg DAP, 25kg MOP and 10 cart loads of FYM/ sangam as basal dose followed by 46 kg Urea in two splits dose after 20-40 days of transplanting.
Cauliflower	Nursery		 Sowing of main season crop may be done. Provide removable rain shelter facility like bamboo mat/ polythene sheet to the young seedlings below 20 days old.
	Transplanting (25-30 days old seedlings)		- Apply 50 kg DAP, 25kg MOP and 10 cart loads of FYM/ sangam as basal dose followed by 25 kg Urea for early crops and 50 kg urea in two splits dose after 20-40 days of transplanting for mid season crops.





"Gramin Krishi Mausam Seva"

Animal Sciences			
Name of the animal	Growth stage	Disease/ infestation	Agro-meteorological advisories
Poultry (Chicken/ Turkey/ Duck)	All age groups	Care & management	- Deworm with Albendazole liquid @ 30 to 40 ml for 100 birds once only and repeat the same dose after 7 days.
-	8		- Proper light is to be provided for layers.
			- No light for grower groups.
			- Start keeping new batch chicks in case of layer variety.
		Vaccination for Fowl	-Vaccine has to be given for Fowl pox
		pox	
Sheep/ Goat	Above 3	Vaccination	- Vaccinate against Enterotoxaemia/ M.C.C.V. (left overs).
	months of age	Deworming	- Give Ranizole suspension @ 3ml/ 10 kg body weight
Pig	All age	Management	- Keep sheds dry.
	groups	Deworming	Give Morantel citrate tab. (Banminth) @ 15mg/kg body weight.
Cattle / Buffalo/ Mithun	Above 3 months of	Deworming	Give Rafoxamide plus Levamizole (Rafox plus)/ Ranizole suspension @ 1ml/ 2kg body weight or 5.5ml/ 10 kg body weight (Ranizole).
	age (as and	Ectoparasitic	Butox liquid @ 2 ml. in 1 litre of water and brush using the solution
	when	infestation	twice a week
	required)	Black Quarter/ Black leg disease	Vaccinate with B.Q & H.S. vaccine for all the animals of above 3 months
Fishery:			
Type of Farming	Stage	Management	Agro-metrological advisories
Carp culture	Nurseries/ grow-	Pond and water	Maintain minimum depth of 1.0 - 1.5 m and pH at 7.0 – 7.5.
	out		Apply Lime @ 25-30kg/ ha every month or broadcast Green AQ @ 2
			litre/ha by mixing with water.
		Feed	Provide feed 2 times @ 5 % body weight per day.
			Provide good feed having 30% crude protein fortified with vitamins and mineral.
		Fish	For semi-intensive farming, 10000-12000 fingerlings can be stocked in
			one hectare pond.
			- Stocking ratio may be maintained at 40% of surface feeder, 30% column feeder and 30% bottom feeder.
			- Sampling of fish for growth, disease should be done regularly by netting.
In integrated Fish	Pig		About 30-40 two months old pigs may be kept for fertilization of the one
Farming	1 15		ha fish pond. Pigs are feed on mash at an average of 1kg/day. Green
0			grasses or animal folder is also provided. Grass with interlocked soil in the
			root system (sod) is provided once a week to avoid mineral deficiency.
	Duck		200-400 ducks of 2-3 months old are sufficient to adequately fertilize a 1
			ha pond.
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"Gramin Krishi Mausam Seva"

MANIPUR BULLETIN 6th October, 2015

Chandel

Significant past weather for the preceding bi-weekly of	Weather forecast for next five days of Chandel
Imphal - West (2 nd to 5 th October, 2015)	(7 th to 11 th October, 2015)
During last four days sky was to partly cloudy to cloudy but	There may be light rain at most places but heavy rain at
mainly clear during morning hours of 4 th October. 2.2 mm	isolated places during next five days. Sky will remain partly
rainfall was recorded during last four days. Maximum	cloudy to mainly cloudy with maximum temp. of $31.0 - 34.0$
temperature range observed was 30.1 - 32.0 °C, range of	^o C & minimum temp. 22.0 – 24.0 ^o C. Relative humidity may
minimum temperature observed was 23.1 – 25.4 °C, mean	reach upto 100 % (max RH) & 98 % (min RH). The average
relative humidity observed in morning and afternoon were	wind speed may be 2-3 km/ hr during next five days. The Wind
88.25 % and 69.25 % respectively. The average wind speed	direction may be south-westerly on 10 th Oct and north easterly
range was 1.9 – 3.2 km/hr.	to south-easterly during remaining days.

Name of the crop	Stage	Pest and disease	Agro-meteorological advisories
Field Crops			
Kharif Rice			- Maintain water depth of 5cm in the rice field.
	Milky dough to grain filling	Bacterial leaf blight	Spray Copper fungicide (Blitox 0.3%) alternately with Streptocycline (250ppm).
		Neck blast	Spray with Tricyclazole @ 6 g/10 lit of water.
Soybean/ Groundnut	Maturity to harvesting		Harvesting may be done. For seed purpose, bundling should be done and kept for 3-4 days to increase maturity.
Potato	Land preparation		 Land preparation for planting potato may be started. Collect seed tubers from reliable source and treated it with Sixer (Carbendazim + Mencozeb) @ 2 gm/lit of water or Carbaryl 50 WP or Ridomil @ 2 gm/kg seed/ tubers for 20 minutes and let it dry in shed before planting as preventive measure against soil borne diseases.
Storage (seed)			- Clean and store the seeds in RC-seed bins after proper drying of the desicant charcoal. Check for moisture content or weight of seeds. For grains, store in well ventilated godowns with regular check for moisture.
Horticulture Crops		- TL	· · · · · · · · · · · · · · · · · · ·
Tree Bean	Pre-bearing and bearing trees		 Apply 60g DAP+ 10g MOP + 20g Tracel (micronutrient mixture) to prebearing and bearing trees before flowering for better yield. Spray Carbendazim @ 2g/ lit water to moist the soil to a depth of 1 ft. to prevent Verticillium wilt. 20g Carbofuran 3G/ plant may also be in-corporated as prophylactic measure against bark borer/ termites.
Ginger	Rhizome development	Shoot borer	- Spray Nimbicidine @ 2-5ml/lit water.
Ginger / Turmeric	Rhizome development	Soft rot	Apply Mancozeb + Metalxyl or Carbendazim 12% + Mancozeb 12% @ 2g/lit water or alternately at least twice depending upon its severity.
Cabbage	Nursery		 Sowing of main season crop may be done. Provide removable rain shelter facility like bamboo mat/ polythene sheet to the young seedlings below 20 days old.
	Transplanting (26-30 days old seedlings)		- Apply 50 kg DAP, 25kg MOP and 10 cart loads of FYM/ sangam as basal dose followed by 46 kg Urea in two splits dose after 20-40 days of transplanting.
Cauliflower	Nursery		 Sowing of main season crop may be done. Provide removable rain shelter facility like bamboo mat/ polythene sheet to the young seedlings below 20 days old.
	Transplanting (25-30 days old seedlings)		- Apply 50 kg DAP, 25kg MOP and 10 cart loads of FYM/ sangam as basal dose followed by 25 kg Urea for early crops and 50 kg urea in two splits dose after 20-40 days of transplanting for mid season crops.





"Gramin Krishi Mausam Seva"

Animal Sciences			
Name of the animal	Growth stage	Disease/ infestation	Agro-meteorological advisories
Poultry (Chicken/ Turkey/ Duck)	All age groups	Care & management	 Deworm with Albendazole liquid @ 30 to 40 ml for 100 birds once only and repeat the same dose after 7 days. Proper light is to be provided for layers.
			 Proper light is to be provided for layers. No light for grower groups. Start keeping new batch chicks in case of layer variety.
		Vaccination for Fowl pox	-Vaccine has to be given for Fowl pox
Sheep/ Goat	Above 3	Vaccination	- Vaccinate against Enterotoxaemia/ M.C.C.V. (left overs).
	months of age	Deworming	- Give Ranizole suspension @ 3ml/ 10 kg body weight
Pig	All age	Management	- Keep sheds dry.
	groups	Deworming	Give Morantel citrate tab. (Banminth) @ 15mg/kg body weight.
Cattle / Buffalo/ Mithun	Above 3 months of	Deworming	Give Rafoxamide plus Levamizole (Rafox plus)/ Ranizole suspension @ 1ml/ 2kg body weight or 5.5ml/ 10 kg body weight (Ranizole).
	age (as and	Ectoparasitic	Butox liquid @ 2 ml. in 1 litre of water and brush using the solution
	when	infestation	twice a week
	required)	Black Quarter/ Black leg disease	Vaccinate with B.Q & H.S. vaccine for all the animals of above 3 months
Fishery:			
Type of Farming	Stage	Management	Agro-metrological advisories
Carp culture Nurseries/ grow- out	0	Pond and water	Maintain minimum depth of 1.0 - 1.5 m and pH at 7.0 – 7.5. Apply Lime @ 25-30kg/ ha every month or broadcast Green AQ @ 2 litre/ha by mixing with water.
		Feed	Provide feed 2 times @ 5 % body weight per day. Provide good feed having 30% crude protein fortified with vitamins and mineral.
		Fish	 For semi-intensive farming, 10000-12000 fingerlings can be stocked in one hectare pond. Stocking ratio may be maintained at 40% of surface feeder, 30% column feeder and 30% bottom feeder. Sampling of fish for growth, disease should be done regularly by netting
In integrated Fish Farming	Pig		About 30-40 two months old pigs may be kept for fertilization of the one ha fish pond. Pigs are feed on mash at an average of 1kg/day. Green grasses or animal folder is also provided. Grass with interlocked soil in the root system (sod) is provided once a week to avoid mineral deficiency.
Duck			200-400 ducks of 2-3 months old are sufficient to adequately fertilize a 1 ha pond.

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"Gramin Krishi Mausam Seva"

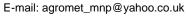
MANIPUR BULLETIN 6th October, 2015

Churachandpur

Significant past weather for the preceding bi-weekly of	Weather forecast for next five days of Churachandpur
Imphal - West (2 nd to 5 th October, 2015)	(7 th to 11 th October, 2015)
During last four days sky was to partly cloudy to cloudy but	There may be light rain at most places but heavy rain at
mainly clear during morning hours of 4 th October. 2.2 mm	isolated places during next five days. Sky will remain partly
rainfall was recorded during last four days. Maximum	cloudy to mainly cloudy with maximum temp. of $29.0 - 32.0$
temperature range observed was 30.1 - 32.0 °C, range of	$^{\circ}$ C & minimum temp. 20.0 – 23.0 $^{\circ}$ C. Relative humidity may
minimum temperature observed was 23.1 - 25.4 °C, mean	reach upto 100 % (max RH) & 93 % (min RH). The average
relative humidity observed in morning and afternoon were	wind speed may be 0-4 km/ hr during next five days. The Wind
88.25 % and 69.25 % respectively. The average wind speed	direction may be south-westerly on 10 th Oct and north easterly
range was 1.9 – 3.2 km/hr.	to south-easterly during remaining days.

Name of the crop	Stage	Pest and disease	Agro-meteorological advisories
Field Crops			
Kharif Rice			- Maintain water depth of 5cm in the rice field.
	Milky dough to grain filling	Bacterial leaf blight	Spray Copper fungicide (Blitox 0.3%) alternately with Streptocycline (250ppm).
		Neck blast	Spray with Tricyclazole @ 6 g/10 lit of water.
Soybean/ Groundnut	Maturity to harvesting		Harvesting may be done. For seed purpose, bundling should be done and kept for 3-4 days to increase maturity.
Potato	Land preparation		 Land preparation for planting potato may be started. Collect seed tubers from reliable source and treated it with Sixer (Carbendazim + Mencozeb) @ 2 gm/lit of water or Carbaryl 50 WP or Ridomil @ 2 gm/kg seed/ tubers for 20 minutes and let it dry in shed before planting as preventive measure against soil borne diseases.
Storage (seed)			- Clean and store the seeds in RC-seed bins after proper drying of the desicant charcoal. Check for moisture content or weight of seeds. For grains, store in well ventilated godowns with regular check for moisture.
Horticulture Crops	-	-	
Tree Bean	Pre-bearing and bearing trees		 Apply 60g DAP+ 10g MOP + 20g Tracel (micronutrient mixture) to prebearing and bearing trees before flowering for better yield. Spray Carbendazim @ 2g/ lit water to moist the soil to a depth of 1 ft. to prevent Verticillium wilt. 20g Carbofuran 3G/ plant may also be in-corporated as prophylactic measure against bark borer/ termites.
Ginger	Rhizome development	Shoot borer	- Spray Nimbicidine @ 2-5ml/lit water.
Ginger / Turmeric	Rhizome development	Soft rot	Apply Mancozeb + Metalxyl or Carbendazim 12% + Mancozeb 12% @ 2g/lit water or alternately at least twice depending upon its severity.
Cabbage	Nursery		 Sowing of main season crop may be done. Provide removable rain shelter facility like bamboo mat/ polythene sheet to the young seedlings below 20 days old.
	Transplanting (26-30 days old seedlings)		- Apply 50 kg DAP, 25kg MOP and 10 cart loads of FYM/ sangam as basal dose followed by 46 kg Urea in two splits dose after 20-40 days of transplanting.
Cauliflower	Nursery		 Sowing of main season crop may be done. Provide removable rain shelter facility like bamboo mat/ polythene sheet to the young seedlings below 20 days old.
	Transplanting (25-30 days old seedlings)		- Apply 50 kg DAP, 25kg MOP and 10 cart loads of FYM/ sangam as basal dose followed by 25 kg Urea for early crops and 50 kg urea in two splits dose after 20-40 days of transplanting for mid season crops.







"Gramin Krishi Mausam Seva"

Animal Sciences			
Name of the animal	Growth stage	Disease/ infestation	Agro-meteorological advisories
Poultry (Chicken/ Turkey/ Duck)	All age	Care & management	- Deworm with Albendazole liquid @ 30 to 40 ml for 100 birds once
Тигкеу/ Диск)	groups		only and repeat the same dose after 7 days.
			- Proper light is to be provided for layers.
			- No light for grower groups.
			- Start keeping new batch chicks in case of layer variety.
		Vaccination for Fowl	-Vaccine has to be given for Fowl pox
Shoon/Coot	Above 3	pox Vaccination	Versiente ensient Entersterrennis (MCCV (left enver)
Sheep/ Goat	months of age		- Vaccinate against Enterotoxaemia/ M.C.C.V. (left overs).
		Deworming	- Give Ranizole suspension @ 3ml/ 10 kg body weight
Pig	All age	Management	- Keep sheds dry.
	groups	Deworming	Give Morantel citrate tab. (Banminth) @ 15mg/kg body weight.
Mithun mon	Above 3 months of	Deworming	Give Rafoxamide plus Levamizole (Rafox plus)/ Ranizole suspension @ 1ml/ 2kg body weight or 5.5ml/ 10 kg body weight (Ranizole).
	age (as and	Ectoparasitic	Butox liquid @ 2 ml. in 1 litre of water and brush using the solution
	when	infestation	twice a week
requir	required)	Black Quarter/ Black leg disease	Vaccinate with B.Q & H.S. vaccine for all the animals of above 3 months
Fishery:		0	
Type of Farming	Stage	Management	Agro-metrological advisories
Carp culture	Nurseries/ grow-	Pond and water	Maintain minimum depth of 1.0 - 1.5 m and pH at 7.0 – 7.5.
-	out		Apply Lime @ 25-30kg/ ha every month or broadcast Green AQ @ 2
			litre/ha by mixing with water.
		Feed	Provide feed 2 times @ 5 % body weight per day.
			Provide good feed having 30% crude protein fortified with vitamins and mineral.
		Fish	For semi-intensive farming, 10000-12000 fingerlings can be stocked in
			one hectare pond.
			- Stocking ratio may be maintained at 40% of surface feeder, 30% column
			feeder and 30% bottom feeder.
			- Sampling of fish for growth, disease should be done regularly by netting.
In integrated Fish	Pig		About 30-40 two months old pigs may be kept for fertilization of the one
Farming			ha fish pond. Pigs are feed on mash at an average of 1kg/day. Green
			grasses or animal folder is also provided. Grass with interlocked soil in the
			root system (sod) is provided once a week to avoid mineral deficiency.
	Duck		200-400 ducks of 2-3 months old are sufficient to adequately fertilize a 1
			ha pond.