





MANIPUR BULLETIN 24th May, 2016

Thoubal

IAAS, ICAR-RC Manipur Centre in association with India Meteorological Department, Regional Meteorological Centre, Guwahati and Northern Hemisphere Analysis Centre, New Delhi, Ministry of Earth Science, Govt. of India reports the weather forecasts for the next five days, i.e., from 25th to 29th May, 2016 as below:

Significant past weather for the preceding bi-weekly of Imphal - West $(20^{th}$ to 23^{rd} May, 2016)

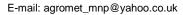
The sky was fair to overcast. Rainfall of 142.0 mm was recorded during past four days. Maximum temperature range observed was 22.6 to 30.8 °C, range of minimum temperature observed was 20.6 to 22.3 °C, mean relative humidity observed in morning and afternoon were 96.0 % and 86.5 % respectively. The average wind speed range was 3.2 to 6.7 km/hr.

Weather forecast for next five days of Thoubal $(25^{th}$ to 29^{th} May, 2016)

Likely to have light rain upto Sunday. Sky will remain variable to mainly cloudy, with maximum temp. 28.0 to 30.0 $^{\circ}$ C & minimum temp. 15.0 to 16.0 $^{\circ}$ C. Relative humidity may reach upto 98 % (max RH) & 51 % (min RH). The average wind speed may be 2-4 km/hr. Wind direction may be South Easterly to North Westerly during the next five days.

Name of the crop	Stage	Pest and disease	Agro-meteorological advisories
Field Crops	1		
Early kharif rice	Booting- Flowering		Drain out the field in flooded areas.
Main kharif rice	Land preparation for sowing		Prepare 700m ² of land for transplanting one hectare area. Soak seed overnight and incubate for 1 day.
Groundnut	Sowing in upland		 Seed rate is 100-110 kg of Kernel/ha and the recommended varieties are ICGS-76 and JL-24. Sowing may be done at spacing of 30 cm x 15 cm after rains. It is recommended to apply 44 kg of urea, 375kg of DAP and 67 kg of MOP per ha as a basal application during final ploughing or incorporated at the time of sowing. Drain out excess water.
Blackgram	Land preparation to sowing		 Seed rate of 10-15 kg/ hectare may be sown by broadcasting or dibbling after rains. Treat the seed with Thiram or Captan @3 kg/ha. Drain out the field
Rabi Maize	Cob formation	Stem borer	 To control the infestation of stem borer, apply few granules of Carbofuradan 3G at maize whorl. Drain out the field
Horticulture Crops	•	•	
Cucurbits (Water- melon, pumpkin, sponge gourd, etc.)	Flowering & fruiting to harvesting	Fruit rot	Matured fruits should not contact with the soil by using available biomass
Tomato/ Chilli	Fruiting to harvest	Fruit rot	 Apply Bio-M- Power for sucking insect @1ml/litre of water Avoid water logging in the crop field. Retain mature and healthy fruits for seeds. Apply <i>Chandani</i> @1.5 gm/1litres of water
Bhindi/cowpea	Fruiting	114111101	-Proper drainage should be given to drain excess water

Name of the animal	Growth stage	Disease/ infestation		Agro-meteorological advisories
Poultry (Chicken/ Turkey/ Duck)	All age groups	Care & management	>	It's there is the congenial for coccidiosis use amprolium @ 1 gm/litre of drinking water for 5-7 days
Turkey/ Duck)			>	Add multivitamin @ 20-40 ml for 100 laying birds in water Protect from rain by hanging polythene sheet or hessian cloth
Sheep/ Goat	All age groups excepts the	Care & management	>	Sheep can be sheared during this month.
	young ones	De-worming	>	Pepirazine compound- 100mg/kg orally for 3 days.
		Ectoparasitism	A	Keep the sheds clean. Hang Bouquets of Basil (<i>Ocimum sactum</i>) or Lemon Grass (<i>Cymbopogon citrates</i>) in the animals sheds to keep away the ectoparasites.







			Neem oil based disinfectants can be sprayed. Butox solution (2 C.C. in 1 litre of water) can also be used.
Pig	All age groups excepts the	Deworming	Give Morantel citrate tablet @ 15 mg/kg of body weight.
young ones	Ectoparasitism	Keep the sheds clean. Hang Bouquets of Basil (Ocimum sactum) or Lemon Grass (Cymbopogon citrates) in the animals sheds to keep away the ecto- parasites. Neem oil based disinfectants can be sprayed. Butox solution (2 C.C. in 1 litre of water) can also be used.	
		Hog Cholera	Vaccination against swine fever must be carried out.
Cattle All age groups excepts the young ones	B.Q./ H.S/FMD	➤ If the animals have not yet been vaccinated, give vaccine, now for Black Quarter, Haemorrhagic septicaemia, Foot & mouth Disease.	
	Ectoparasitism	Keep the sheds clean. Hang Bouquets of Basil (Ocimum sactum) or Lemon Grass (Cymbopogon citrates) in the animals sheds to keep away the ecto- parasites. Neem oil based disinfectants can be sprayed. Butox solution (2 C.C. in 1 litre of water) can also be used.	
		Endoparasites	➤ Deworm orally once using Nilzan-F @ 90ml/ 300 kg body weight.
	Care & management	 Keep the animal indoor Do not allow grazing in rain 	
		Puerperal Fever in Pregnant animals	> 50-60 gram of mineral mixture every day.
		Decrease in milk production	> The milk & urine samples must be sent for testing.
	Breedable age group	Controlled breeding	Control breeding programme for animals should continue in the month of February so the all participating animals become pregnant during this month.
	Milch cow	Mastitis	> To prevent mastitis they should be milked completely.
Fishery:		-	
Type of Farming	Stage	Management	Agro-metrological advisories
Carp culture	Fries/ fingerlings/ brooders	Pond and water For quality fish seed production Feed Fish	 Pond water should be maintained clean. Only matured and ripe brooders should be selected for breeding. Single dose hormone injection of Ovaprim/Ovatide/Wova-Fh @0.5 ml/kg body weight for female brooders and @0.2 ml/kg body weight for female brooder. Provide feed 1-2 times @ 2 % body weight per day. Male and female brooders should be stock in separate ponds for early breeding programs for Common Carp.

(I. Meghachandra Singh)







MANIPUR BULLETIN 24th May, 2016

Ukhrul

IAAS, ICAR-RC Manipur Centre in association with India Meteorological Department, Regional Meteorological Centre, Guwahati and Northern Hemisphere Analysis Centre, New Delhi, Ministry of Earth Science, Govt. of India reports the weather forecasts for the next five days, i.e., from 25th to 29th May, 2016 as below:

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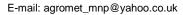
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Weather forecast for next five days of Ukhrul $(25^{th}$ to 29^{th} May, 2016)

Likely to have light rain upto Sunday. Sky will remain variable to mainly cloudy, with maximum temp. 28.0 to 29.0 $^{\circ}$ C & minimum temp. 16.0 to 17.0 $^{\circ}$ C. Relative humidity may reach upto 95 % (max RH) & 50 % (min RH). The average wind speed may be 2-3 km/hr. Wind direction may be Southerly to South South-Westerly during the next five days.

Name of the crop	Stage	Pest and disease	Agro-meteorological advisories
Field Crops		•	
Early kharif rice	Booting- Flowering		Drain out the field in flooded areas.
Main kharif rice	Land preparation for sowing		Prepare 700m ² of land for transplanting one hectare area. Soak seed overnight and incubate for 1 day.
Groundnut	Sowing in upland		 Seed rate is 100-110 kg of Kernel/ha and the recommended varieties are ICGS-76 and JL-24. Sowing may be done at spacing of 30 cm x 15 cm after rains. It is recommended to apply 44 kg of urea, 375kg of DAP and 67 kg of MOP per ha as a basal application during final ploughing or incorporated at the time of sowing. Drain out excess water.
Blackgram	Land preparation to sowing		 Seed rate of 10-15 kg/ hectare may be sown by broadcasting or dibbling after rains. Treat the seed with Thiram or Captan @3 kg/ha. Drain out the field
Rabi Maize	Cob formation	Stem borer	 To control the infestation of stem borer, apply few granules of Carbofuradan 3G at maize whorl. Drain out the field
Horticulture Crops	-	•	
Cucurbits (Water- melon, pumpkin, sponge gourd, etc.)	Flowering & fruiting to harvesting	Fruit rot	Matured fruits should not contact with the soil by using available biomass
Tomato/ Chilli	Fruiting to harvest	Fruit rot	 Apply Bio-M- Power for sucking insect @1ml/litre of water Avoid water logging in the crop field. Retain mature and healthy fruits for seeds. Apply <i>Chandani</i> @1.5 gm/1litres of water
Bhindi/cowpea	Fruiting	- 1010 100	-Proper drainage should be given to drain excess water

Name of the animal	Growth stage	Disease/ infestation		Agro-meteorological advisories
Poultry (Chicken/ Turkey/ Duck)	All age groups	Care & management	>	It's there is the congenial for coccidiosis use amprolium @ 1 gm/litre of drinking water for 5-7 days
Turkey/ Duck)			>	Add multivitamin @ 20-40 ml for 100 laying birds in water Protect from rain by hanging polythene sheet or hessian cloth
Sheep/ Goat	All age groups excepts the	Care & management	>	Sheep can be sheared during this month.
	young ones	De-worming	>	Pepirazine compound- 100mg/kg orally for 3 days.
		Ectoparasitism	A	Keep the sheds clean. Hang Bouquets of Basil (<i>Ocimum sactum</i>) or Lemon Grass (<i>Cymbopogon citrates</i>) in the animals sheds to keep away the ectoparasites.







			Neem oil based disinfectants can be sprayed. Butox solution (2 C.C. in 1 litre of water) can also be used.
Pig	All age groups excepts the	Deworming	Give Morantel citrate tablet @ 15 mg/kg of body weight.
young ones	Ectoparasitism	Keep the sheds clean. Hang Bouquets of Basil (Ocimum sactum) or Lemon Grass (Cymbopogon citrates) in the animals sheds to keep away the ecto- parasites. Neem oil based disinfectants can be sprayed. Butox solution (2 C.C. in 1 litre of water) can also be used.	
		Hog Cholera	Vaccination against swine fever must be carried out.
Cattle All age groups excepts the young ones	B.Q./ H.S/FMD	➤ If the animals have not yet been vaccinated, give vaccine, now for Black Quarter, Haemorrhagic septicaemia, Foot & mouth Disease.	
	Ectoparasitism	Keep the sheds clean. Hang Bouquets of Basil (Ocimum sactum) or Lemon Grass (Cymbopogon citrates) in the animals sheds to keep away the ecto- parasites. Neem oil based disinfectants can be sprayed. Butox solution (2 C.C. in 1 litre of water) can also be used.	
		Endoparasites	➤ Deworm orally once using Nilzan-F @ 90ml/ 300 kg body weight.
	Care & management	 Keep the animal indoor Do not allow grazing in rain 	
		Puerperal Fever in Pregnant animals	> 50-60 gram of mineral mixture every day.
		Decrease in milk production	> The milk & urine samples must be sent for testing.
	Breedable age group	Controlled breeding	Control breeding programme for animals should continue in the month of February so the all participating animals become pregnant during this month.
	Milch cow	Mastitis	To prevent mastitis they should be milked completely.
Fishery:		-	
Type of Farming	Stage	Management	Agro-metrological advisories
Carp culture	Fries/ fingerlings/ brooders	Pond and water For quality fish seed production Feed Fish	 Pond water should be maintained clean. Only matured and ripe brooders should be selected for breeding. Single dose hormone injection of Ovaprim/Ovatide/Wova-Fh @0.5 ml/kg body weight for female brooders and @0.2 ml/kg body weight for female brooder. Provide feed 1-2 times @ 2 % body weight per day. Male and female brooders should be stock in separate ponds for early breeding programs for Common Carp.

(I. Meghachandra Singh)







MANIPUR BULLETIN 24th May, 2016

Bishnupur

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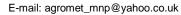
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Weather forecast for next five days of Bishnupur $(25^{th}\ to\ 29^{th}\ May,\ 2016)$

Likely to have light rain upto Sunday. Sky will remain variable to mainly cloudy, with maximum temp. 30.0 to 33.0 $^{\circ}$ C & minimum temp. 21.0 to 22.0 $^{\circ}$ C. Relative humidity may reach upto 99 % (max RH) & 50 % (min RH). The average wind speed may be 2-4 km/hr. Wind direction may be South Easterly to Westerly during the next five days.

Name of the crop	Stage	Pest and disease	Agro-meteorological advisories
Field Crops	•	•	
Early kharif rice	Booting- Flowering		Drain out the field in flooded areas.
Main kharif rice	Land preparation for sowing		Prepare 700m ² of land for transplanting one hectare area. Soak seed overnight and incubate for 1 day.
Groundnut	Sowing in upland		 Seed rate is 100-110 kg of Kernel/ha and the recommended varieties are ICGS-76 and JL-24. Sowing may be done at spacing of 30 cm x 15 cm after rains. It is recommended to apply 44 kg of urea, 375kg of DAP and 67 kg of MOP per ha as a basal application during final ploughing or incorporated at the time of sowing. Drain out excess water.
Blackgram	Land preparation to sowing		 Seed rate of 10-15 kg/ hectare may be sown by broadcasting or dibbling after rains. Treat the seed with Thiram or Captan @3 kg/ha. Drain out the field
Rabi Maize	Cob formation	Stem borer	 To control the infestation of stem borer, apply few granules of Carbofuradan 3G at maize whorl. Drain out the field
Horticulture Crops	,	•	
Cucurbits (Water- melon, pumpkin, sponge gourd, etc.)	Flowering & fruiting to harvesting	Fruit rot	Matured fruits should not contact with the soil by using available biomass
Tomato/ Chilli	Fruiting to harvest	Fruit rot	 Apply Bio-M- Power for sucking insect @1ml/litre of water Avoid water logging in the crop field. Retain mature and healthy fruits for seeds. Apply <i>Chandani</i> @1.5 gm/1litres of water
Bhindi/cowpea	Fruiting	11011101	-Proper drainage should be given to drain excess water

Name of the animal	Growth stage	Disease/ infestation		Agro-meteorological advisories
Poultry (Chicken/	All age groups	Care & management	>	It's there is the congenial for coccidiosis use amprolium @ 1 gm/litre of drinking water for 5-7 days
Turkey/ Duck)			>	Add multivitamin @ 20-40 ml for 100 laying birds in water Protect from rain by hanging polythene sheet or hessian cloth
Sheep/ Goat	All age groups excepts the	Care & management	>	Sheep can be sheared during this month.
	young ones	De-worming	>	Pepirazine compound- 100mg/kg orally for 3 days.
		Ectoparasitism	A	Keep the sheds clean. Hang Bouquets of Basil (<i>Ocimum sactum</i>) or Lemon Grass (<i>Cymbopogon citrates</i>) in the animals sheds to keep away the ectoparasites.







			Neem oil based disinfectants can be sprayed. Butox solution (2 C.C. in 1 litre o water) can also be used.
Pig	All age groups excepts the	Deworming	➤ Give Morantel citrate tablet @ 15 mg/kg of body weight.
young ones	Ectoparasitism	Keep the sheds clean. Hang Bouquets of Basil (Ocimum sactum) or Lemon Grass (Cymbopogon citrates) in the animals sheds to keep away the ecto- parasites. Neem oil based disinfectants can be sprayed. Butox solution (2 C.C. in 1 litre of water) can also be used.	
		Hog Cholera	 Vaccination against swine fever must be carried out.
Cattle	All age groups excepts the	B.Q./ H.S/FMD	➤ If the animals have not yet been vaccinated, give vaccine, now for Black Quarter, Haemorrhagic septicaemia, Foot & mouth Disease.
young ones	Ectoparasitism	Keep the sheds clean. Hang Bouquets of Basil (Ocimum sactum) or Lemon Grass (Cymbopogon citrates) in the animals sheds to keep away the ecto- parasites. Neem oil based disinfectants can be sprayed. Butox solution (2 C.C. in 1 litre of water) can also be used.	
	Endoparasites	➤ Deworm orally once using Nilzan-F @ 90ml/ 300 kg body weight.	
		Care & management	 Keep the animal indoor Do not allow grazing in rain
		Puerperal Fever in Pregnant animals	> 50-60 gram of mineral mixture every day.
		Decrease in milk production	> The milk & urine samples must be sent for testing.
	Breedable age group	Controlled breeding	Control breeding programme for animals should continue in the month of February so the all participating animals become pregnant during this month.
-	Milch cow	Mastitis	To prevent mastitis they should be milked completely.
Fishery:			
Type of Farming	Stage	Management	Agro-metrological advisories
Carp culture	Fries/ fingerlings/ brooders	Pond and water For quality fish seed production Feed Fish	 Pond water should be maintained clean. Only matured and ripe brooders should be selected for breeding. Single dose hormone injection of Ovaprim/Ovatide/Wova-Fh @0.5 ml/kg body weight for female brooders and @0.2 ml/kg body weight for female brooder. Provide feed 1-2 times @ 2 % body weight per day. Male and female brooders should be stock in separate ponds for early breeding programs for Common Carp.

(I. Meghachandra Singh)







MANIPUR BULLETIN 24th May, 2016

Chandel

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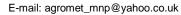
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Weather forecast for next five days of Chandel $(25^{th}$ to 29^{th} May, 2016)

Likely to have light rain upto Sunday. Sky will remain variable to mainly cloudy, with maximum temp. 28.0 to 32.0 $^{\circ}$ C & minimum temp. 20.0 to 22.0 $^{\circ}$ C. Relative humidity may reach upto 96 % (max RH) & 54 % (min RH). The average wind speed may be 2-4 km/hr. Wind direction may be Southerly to South-west Westerly during the next five days.

Name of the crop	Stage	Pest and disease	Agro-meteorological advisories
Field Crops	1		
Early kharif rice	Booting- Flowering		Drain out the field in flooded areas.
Main kharif rice	Land preparation for sowing		Prepare 700m ² of land for transplanting one hectare area. Soak seed overnight and incubate for 1 day.
Groundnut	Sowing in upland		 Seed rate is 100-110 kg of Kernel/ha and the recommended varieties are ICGS-76 and JL-24. Sowing may be done at spacing of 30 cm x 15 cm after rains. It is recommended to apply 44 kg of urea, 375kg of DAP and 67 kg of MOP per ha as a basal application during final ploughing or incorporated at the time of sowing. Drain out excess water.
Blackgram	Land preparation to sowing		 Seed rate of 10-15 kg/ hectare may be sown by broadcasting or dibbling after rains. Treat the seed with Thiram or Captan @3 kg/ha. Drain out the field
Rabi Maize	Cob formation	Stem borer	 To control the infestation of stem borer, apply few granules of Carbofuradan 3G at maize whorl. Drain out the field
Horticulture Crops	•	•	
Cucurbits (Water- melon, pumpkin, sponge gourd, etc.)	Flowering & fruiting to harvesting	Fruit rot	Matured fruits should not contact with the soil by using available biomass
Tomato/ Chilli	Fruiting to harvest	Fruit rot	 Apply Bio-M- Power for sucking insect @1ml/litre of water Avoid water logging in the crop field. Retain mature and healthy fruits for seeds. Apply <i>Chandani</i> @1.5 gm/1litres of water
Bhindi/cowpea	Fruiting	114111101	-Proper drainage should be given to drain excess water

Name of the animal	Growth stage	Disease/ infestation		Agro-meteorological advisories
Poultry (Chicken/	All age groups	Care & management	>	It's there is the congenial for coccidiosis use amprolium @ 1 gm/litre of drinking water for 5-7 days
Turkey/ Duck)			>	Add multivitamin @ 20-40 ml for 100 laying birds in water Protect from rain by hanging polythene sheet or hessian cloth
Sheep/ Goat	All age groups excepts the	Care & management	>	Sheep can be sheared during this month.
	young ones	De-worming	>	Pepirazine compound- 100mg/kg orally for 3 days.
		Ectoparasitism	A	Keep the sheds clean. Hang Bouquets of Basil (<i>Ocimum sactum</i>) or Lemon Grass (<i>Cymbopogon citrates</i>) in the animals sheds to keep away the ectoparasites.

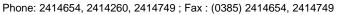






			Neem oil based disinfectants can be sprayed. Butox solution (2 C.C. in 1 litre o water) can also be used.
Pig	All age groups excepts the	Deworming	➤ Give Morantel citrate tablet @ 15 mg/kg of body weight.
young ones	Ectoparasitism	Keep the sheds clean. Hang Bouquets of Basil (Ocimum sactum) or Lemon Grass (Cymbopogon citrates) in the animals sheds to keep away the ecto- parasites. Neem oil based disinfectants can be sprayed. Butox solution (2 C.C. in 1 litre of water) can also be used.	
		Hog Cholera	 Vaccination against swine fever must be carried out.
Cattle	All age groups excepts the	B.Q./ H.S/FMD	➤ If the animals have not yet been vaccinated, give vaccine, now for Black Quarter, Haemorrhagic septicaemia, Foot & mouth Disease.
young ones	Ectoparasitism	Keep the sheds clean. Hang Bouquets of Basil (Ocimum sactum) or Lemon Grass (Cymbopogon citrates) in the animals sheds to keep away the ecto- parasites. Neem oil based disinfectants can be sprayed. Butox solution (2 C.C. in 1 litre of water) can also be used.	
	Endoparasites	➤ Deworm orally once using Nilzan-F @ 90ml/ 300 kg body weight.	
		Care & management	 Keep the animal indoor Do not allow grazing in rain
		Puerperal Fever in Pregnant animals	> 50-60 gram of mineral mixture every day.
		Decrease in milk production	> The milk & urine samples must be sent for testing.
	Breedable age group	Controlled breeding	Control breeding programme for animals should continue in the month of February so the all participating animals become pregnant during this month.
-	Milch cow	Mastitis	To prevent mastitis they should be milked completely.
Fishery:			
Type of Farming	Stage	Management	Agro-metrological advisories
Carp culture	Fries/ fingerlings/ brooders	Pond and water For quality fish seed production Feed Fish	 Pond water should be maintained clean. Only matured and ripe brooders should be selected for breeding. Single dose hormone injection of Ovaprim/Ovatide/Wova-Fh @0.5 ml/kg body weight for female brooders and @0.2 ml/kg body weight for female brooder. Provide feed 1-2 times @ 2 % body weight per day. Male and female brooders should be stock in separate ponds for early breeding programs for Common Carp.

(I. Meghachandra Singh)



E-mail: agromet_mnp@yahoo.co.uk



ICAR Research Complex for N.E.H. Region Manipur Centre, Lamphelpat, Imphal - 795 004 "Gramin Krishi Mausam Seva"



MANIPUR BULLETIN 24th May, 2016

Churachandpur

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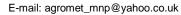
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Weather forecast for next five days of Churachandpur $(25^{th}\ to\ 29^{th}\ May,\ 2016)$

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Cucurbits (Water- melon, pumpkin, sponge gourd, etc.)	Flowering & fruiting to harvesting	Fruit rot	Matured fruits should not contact with the soil by using available biomass
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Bhindi/cowpea	Fruiting	114111101	-Proper drainage should be given to drain excess water

Name of the animal	Growth stage	Disease/ infestation		Agro-meteorological advisories
Poultry (Chicken/ Turkey/ Duck)	All age groups	Care & management	^	It's there is the congenial for coccidiosis use amprolium @ 1 gm/litre of drinking water for 5-7 days Add multivitamin @ 20-40 ml for 100 laying birds in water
			>	Protect from rain by hanging polythene sheet or hessian cloth
Sheep/ Goat	All age groups excepts the	Care & management	>	Sheep can be sheared during this month.
	young ones	De-worming	>	Pepirazine compound- 100mg/kg orally for 3 days.
		Ectoparasitism	>	Keep the sheds clean. Hang Bouquets of Basil (<i>Ocimum sactum</i>) or Lemon Grass (<i>Cymbopogon citrates</i>) in the animals sheds to keep away the ectoparasites.







			Neem oil based disinfectants can be sprayed. Butox solution (2 C.C. in 1 litre o water) can also be used.
Pig	All age groups excepts the	Deworming	➤ Give Morantel citrate tablet @ 15 mg/kg of body weight.
young ones	Ectoparasitism	Keep the sheds clean. Hang Bouquets of Basil (Ocimum sactum) or Lemon Grass (Cymbopogon citrates) in the animals sheds to keep away the ecto- parasites. Neem oil based disinfectants can be sprayed. Butox solution (2 C.C. in 1 litre of water) can also be used.	
		Hog Cholera	 Vaccination against swine fever must be carried out.
Cattle	All age groups excepts the	B.Q./ H.S/FMD	➤ If the animals have not yet been vaccinated, give vaccine, now for Black Quarter, Haemorrhagic septicaemia, Foot & mouth Disease.
young ones	Ectoparasitism	Keep the sheds clean. Hang Bouquets of Basil (Ocimum sactum) or Lemon Grass (Cymbopogon citrates) in the animals sheds to keep away the ecto- parasites. Neem oil based disinfectants can be sprayed. Butox solution (2 C.C. in 1 litre of water) can also be used.	
	Endoparasites	➤ Deworm orally once using Nilzan-F @ 90ml/ 300 kg body weight.	
		Care & management	 Keep the animal indoor Do not allow grazing in rain
		Puerperal Fever in Pregnant animals	> 50-60 gram of mineral mixture every day.
		Decrease in milk production	> The milk & urine samples must be sent for testing.
	Breedable age group	Controlled breeding	Control breeding programme for animals should continue in the month of February so the all participating animals become pregnant during this month.
-	Milch cow	Mastitis	To prevent mastitis they should be milked completely.
Fishery:			
Type of Farming	Stage	Management	Agro-metrological advisories
Carp culture	Fries/ fingerlings/ brooders	Pond and water For quality fish seed production Feed Fish	 Pond water should be maintained clean. Only matured and ripe brooders should be selected for breeding. Single dose hormone injection of Ovaprim/Ovatide/Wova-Fh @0.5 ml/kg body weight for female brooders and @0.2 ml/kg body weight for female brooder. Provide feed 1-2 times @ 2 % body weight per day. Male and female brooders should be stock in separate ponds for early breeding programs for Common Carp.

(I. Meghachandra Singh)







MANIPUR BULLETIN 24th May, 2016

Imphal East

IAAS, ICAR-RC Manipur Centre in association with India Meteorological Department, Regional Meteorological Centre, Guwahati and Northern Hemisphere Analysis Centre, New Delhi, Ministry of Earth Science, Govt. of India reports the weather forecasts for the next five days, i.e., from 25th to 29th May, 2016 as below:

Significant past weather for the preceding bi-weekly of Imphal - West $(20^{th}$ to 23^{rd} May, 2016)

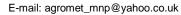
The sky was fair to overcast. Rainfall of 142.0 mm was recorded during past four days. Maximum temperature range observed was 22.6 to 30.8 °C, range of minimum temperature observed was 20.6 to 22.3 °C, mean relative humidity observed in morning and afternoon were 96.0 % and 86.5 % respectively. The average wind speed range was 3.2 to 6.7 km/hr.

Weather forecast for next five days of Imphal East $(25^{th}\ to\ 29^{th}\ May,\ 2016)$

Likely to have light rain upto Sunday. Sky will remain variable to mainly cloudy, with maximum temp. 28.0 to 31.0 $^{\circ}$ C & minimum temp. 17.0 to 18.0 $^{\circ}$ C. Relative humidity may reach upto 99 % (max RH) & 44 % (min RH). The average wind speed may be 2-4 km/hr. Wind direction may be North Easterly to North Westerly during the next five days.

Name of the crop	Stage	Pest and disease	Agro-meteorological advisories
Field Crops	•	•	
Early kharif rice	Booting- Flowering		Drain out the field in flooded areas.
Main kharif rice	Land preparation for sowing		Prepare 700m ² of land for transplanting one hectare area. Soak seed overnight and incubate for 1 day.
Groundnut	Sowing in upland		 Seed rate is 100-110 kg of Kernel/ha and the recommended varieties are ICGS-76 and JL-24. Sowing may be done at spacing of 30 cm x 15 cm after rains. It is recommended to apply 44 kg of urea, 375kg of DAP and 67 kg of MOP per ha as a basal application during final ploughing or incorporated at the time of sowing. Drain out excess water.
Blackgram	Land preparation to sowing		 Seed rate of 10-15 kg/ hectare may be sown by broadcasting or dibbling after rains. Treat the seed with Thiram or Captan @3 kg/ha. Drain out the field
Rabi Maize	Cob formation	Stem borer	 To control the infestation of stem borer, apply few granules of Carbofuradan 3G at maize whorl. Drain out the field
Horticulture Crops	,	•	
Cucurbits (Water- melon, pumpkin, sponge gourd, etc.)	Flowering & fruiting to harvesting	Fruit rot	Matured fruits should not contact with the soil by using available biomass
Tomato/ Chilli	Fruiting to harvest	Fruit rot	 Apply Bio-M- Power for sucking insect @1ml/litre of water Avoid water logging in the crop field. Retain mature and healthy fruits for seeds. Apply <i>Chandani</i> @1.5 gm/1litres of water
Bhindi/cowpea	Fruiting	11011101	-Proper drainage should be given to drain excess water

Name of the animal	Growth stage	Disease/ infestation		Agro-meteorological advisories
Poultry (Chicken/ Turkey/ Duck)	All age groups	Care & management	^	It's there is the congenial for coccidiosis use amprolium @ 1 gm/litre of drinking water for 5-7 days Add multivitamin @ 20-40 ml for 100 laying birds in water
			>	Protect from rain by hanging polythene sheet or hessian cloth
Sheep/ Goat	All age groups excepts the	Care & management	>	Sheep can be sheared during this month.
	young ones	De-worming	>	Pepirazine compound- 100mg/kg orally for 3 days.
		Ectoparasitism	>	Keep the sheds clean. Hang Bouquets of Basil (<i>Ocimum sactum</i>) or Lemon Grass (<i>Cymbopogon citrates</i>) in the animals sheds to keep away the ectoparasites.







			Neem oil based disinfectants can be sprayed. Butox solution (2 C.C. in 1 litre o water) can also be used.
Pig	All age groups excepts the	Deworming	➤ Give Morantel citrate tablet @ 15 mg/kg of body weight.
young ones	Ectoparasitism	Keep the sheds clean. Hang Bouquets of Basil (Ocimum sactum) or Lemon Grass (Cymbopogon citrates) in the animals sheds to keep away the ecto- parasites. Neem oil based disinfectants can be sprayed. Butox solution (2 C.C. in 1 litre of water) can also be used.	
		Hog Cholera	 Vaccination against swine fever must be carried out.
Cattle	All age groups excepts the	B.Q./ H.S/FMD	➤ If the animals have not yet been vaccinated, give vaccine, now for Black Quarter, Haemorrhagic septicaemia, Foot & mouth Disease.
young ones	Ectoparasitism	Keep the sheds clean. Hang Bouquets of Basil (Ocimum sactum) or Lemon Grass (Cymbopogon citrates) in the animals sheds to keep away the ecto- parasites. Neem oil based disinfectants can be sprayed. Butox solution (2 C.C. in 1 litre of water) can also be used.	
	Endoparasites	➤ Deworm orally once using Nilzan-F @ 90ml/ 300 kg body weight.	
		Care & management	 Keep the animal indoor Do not allow grazing in rain
		Puerperal Fever in Pregnant animals	> 50-60 gram of mineral mixture every day.
		Decrease in milk production	> The milk & urine samples must be sent for testing.
	Breedable age group	Controlled breeding	Control breeding programme for animals should continue in the month of February so the all participating animals become pregnant during this month.
-	Milch cow	Mastitis	To prevent mastitis they should be milked completely.
Fishery:			
Type of Farming	Stage	Management	Agro-metrological advisories
Carp culture	Fries/ fingerlings/ brooders	Pond and water For quality fish seed production Feed Fish	 Pond water should be maintained clean. Only matured and ripe brooders should be selected for breeding. Single dose hormone injection of Ovaprim/Ovatide/Wova-Fh @0.5 ml/kg body weight for female brooders and @0.2 ml/kg body weight for female brooder. Provide feed 1-2 times @ 2 % body weight per day. Male and female brooders should be stock in separate ponds for early breeding programs for Common Carp.

(I. Meghachandra Singh)









MANIPUR BULLETIN 24th May, 2016

Imphal West

IAAS, ICAR-RC Manipur Centre in association with India Meteorological Department, Regional Meteorological Centre, Guwahati and Northern Hemisphere Analysis Centre, New Delhi, Ministry of Earth Science, Govt. of India reports the weather forecasts for the next five days, i.e., from 25th to 29th May, 2016 as below:

Significant past weather for the preceding bi-weekly of Imphal - West $(20^{th}$ to 23^{rd} May, 2016)

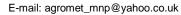
The sky was fair to overcast. Rainfall of 142.0 mm was recorded during past four days. Maximum temperature range observed was 22.6 to 30.8 °C, range of minimum temperature observed was 20.6 to 22.3 °C, mean relative humidity observed in morning and afternoon were 96.0 % and 86.5 % respectively. The average wind speed range was 3.2 to 6.7 km/hr.

Weather forecast for next five days of Imphal West $(25^{th}\ to\ 29^{th}\ May,\ 2016)$

Likely to have light rain upto Sunday. Sky will remain variable to mainly cloudy, with maximum temp. 28.0 to 31.0 $^{\circ}$ C & minimum temp. 15.0 to 16.0 $^{\circ}$ C. Relative humidity may reach upto 99 % (max RH) & 46 % (min RH). The average wind speed may be 2-3 km/hr. Wind direction may be North Easterly to Westerly during the next five days.

Name of the crop	Stage	Pest and disease	Agro-meteorological advisories
Field Crops	•	•	
Early kharif rice	Booting- Flowering		Drain out the field in flooded areas.
Main kharif rice	Land preparation for sowing		Prepare 700m ² of land for transplanting one hectare area. Soak seed overnight and incubate for 1 day.
Groundnut	Sowing in upland		 Seed rate is 100-110 kg of Kernel/ha and the recommended varieties are ICGS-76 and JL-24. Sowing may be done at spacing of 30 cm x 15 cm after rains. It is recommended to apply 44 kg of urea, 375kg of DAP and 67 kg of MOP per ha as a basal application during final ploughing or incorporated at the time of sowing. Drain out excess water.
Blackgram	Land preparation to sowing		 Seed rate of 10-15 kg/ hectare may be sown by broadcasting or dibbling after rains. Treat the seed with Thiram or Captan @3 kg/ha. Drain out the field
Rabi Maize	Cob formation	Stem borer	 To control the infestation of stem borer, apply few granules of Carbofuradan 3G at maize whorl. Drain out the field
Horticulture Crops	,	•	
Cucurbits (Water- melon, pumpkin, sponge gourd, etc.)	Flowering & fruiting to harvesting	Fruit rot	Matured fruits should not contact with the soil by using available biomass
Tomato/ Chilli	Fruiting to harvest	Fruit rot	 Apply Bio-M- Power for sucking insect @1ml/litre of water Avoid water logging in the crop field. Retain mature and healthy fruits for seeds. Apply <i>Chandani</i> @1.5 gm/1litres of water
Bhindi/cowpea	Fruiting	11011101	-Proper drainage should be given to drain excess water

Name of the animal	Growth stage	Disease/ infestation		Agro-meteorological advisories
Poultry (Chicken/	All age groups	Care & management	>	It's there is the congenial for coccidiosis use amprolium @ 1 gm/litre of drinking water for 5-7 days
Turkey/ Duck)			>	Add multivitamin @ 20-40 ml for 100 laying birds in water Protect from rain by hanging polythene sheet or hessian cloth
Sheep/ Goat	All age groups excepts the	Care & management	>	Sheep can be sheared during this month.
	young ones	De-worming	>	Pepirazine compound- 100mg/kg orally for 3 days.
		Ectoparasitism	A	Keep the sheds clean. Hang Bouquets of Basil (<i>Ocimum sactum</i>) or Lemon Grass (<i>Cymbopogon citrates</i>) in the animals sheds to keep away the ectoparasites.







			Neem oil based disinfectants can be sprayed. Butox solution (2 C.C. in 1 litre o water) can also be used.
Pig	All age groups excepts the	Deworming	➤ Give Morantel citrate tablet @ 15 mg/kg of body weight.
young ones	Ectoparasitism	Keep the sheds clean. Hang Bouquets of Basil (Ocimum sactum) or Lemon Grass (Cymbopogon citrates) in the animals sheds to keep away the ecto- parasites. Neem oil based disinfectants can be sprayed. Butox solution (2 C.C. in 1 litre of water) can also be used.	
		Hog Cholera	 Vaccination against swine fever must be carried out.
Cattle	All age groups excepts the	B.Q./ H.S/FMD	➤ If the animals have not yet been vaccinated, give vaccine, now for Black Quarter, Haemorrhagic septicaemia, Foot & mouth Disease.
young ones	Ectoparasitism	Keep the sheds clean. Hang Bouquets of Basil (Ocimum sactum) or Lemon Grass (Cymbopogon citrates) in the animals sheds to keep away the ecto- parasites. Neem oil based disinfectants can be sprayed. Butox solution (2 C.C. in 1 litre of water) can also be used.	
	Endoparasites	➤ Deworm orally once using Nilzan-F @ 90ml/ 300 kg body weight.	
		Care & management	 Keep the animal indoor Do not allow grazing in rain
		Puerperal Fever in Pregnant animals	> 50-60 gram of mineral mixture every day.
		Decrease in milk production	> The milk & urine samples must be sent for testing.
	Breedable age group	Controlled breeding	Control breeding programme for animals should continue in the month of February so the all participating animals become pregnant during this month.
-	Milch cow	Mastitis	To prevent mastitis they should be milked completely.
Fishery:			
Type of Farming	Stage	Management	Agro-metrological advisories
Carp culture	Fries/ fingerlings/ brooders	Pond and water For quality fish seed production Feed Fish	 Pond water should be maintained clean. Only matured and ripe brooders should be selected for breeding. Single dose hormone injection of Ovaprim/Ovatide/Wova-Fh @0.5 ml/kg body weight for female brooders and @0.2 ml/kg body weight for female brooder. Provide feed 1-2 times @ 2 % body weight per day. Male and female brooders should be stock in separate ponds for early breeding programs for Common Carp.

(I. Meghachandra Singh)







MANIPUR BULLETIN 24th May, 2016

Senapati

IAAS, ICAR-RC Manipur Centre in association with India Meteorological Department, Regional Meteorological Centre, Guwahati and Northern Hemisphere Analysis Centre, New Delhi, Ministry of Earth Science, Govt. of India reports the weather forecasts for the next five days, i.e., from 25th to 29th May, 2016 as below:

Significant past weather for the preceding bi-weekly of Imphal - West $(20^{th}$ to 23^{rd} May, 2016)

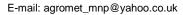
The sky was fair to overcast. Rainfall of 142.0 mm was recorded during past four days. Maximum temperature range observed was 22.6 to 30.8 °C, range of minimum temperature observed was 20.6 to 22.3 °C, mean relative humidity observed in morning and afternoon were 96.0 % and 86.5 % respectively. The average wind speed range was 3.2 to 6.7 km/hr.

Weather forecast for next five days of Senapati $(25^{th}$ to 29^{th} May, 2016)

Likely to have light rain upto Sunday. Sky will remain variable to mainly cloudy, with maximum temp. 28.0 to 30.0 $^{\circ}$ C & minimum temp. 15.0 to 16.0 $^{\circ}$ C. Relative humidity may reach upto 97 % (max RH) & 41 % (min RH). The average wind speed may be 2-4 km/hr. Wind direction may be North-east Easterly to Westerly during the next five days.

Name of the crop	Stage	Pest and disease	Agro-meteorological advisories
Field Crops	1		
Early kharif rice	Booting- Flowering		Drain out the field in flooded areas.
Main kharif rice	Land preparation for sowing		Prepare 700m ² of land for transplanting one hectare area. Soak seed overnight and incubate for 1 day.
Groundnut	Sowing in upland		 Seed rate is 100-110 kg of Kernel/ha and the recommended varieties are ICGS-76 and JL-24. Sowing may be done at spacing of 30 cm x 15 cm after rains. It is recommended to apply 44 kg of urea, 375kg of DAP and 67 kg of MOP per ha as a basal application during final ploughing or incorporated at the time of sowing. Drain out excess water.
Blackgram	Land preparation to sowing		 Seed rate of 10-15 kg/ hectare may be sown by broadcasting or dibbling after rains. Treat the seed with Thiram or Captan @3 kg/ha. Drain out the field
Rabi Maize	Cob formation	Stem borer	 To control the infestation of stem borer, apply few granules of Carbofuradan 3G at maize whorl. Drain out the field
Horticulture Crops	•	•	
Cucurbits (Water- melon, pumpkin, sponge gourd, etc.)	Flowering & fruiting to harvesting	Fruit rot	Matured fruits should not contact with the soil by using available biomass
Tomato/ Chilli	Fruiting to harvest	Fruit rot	 Apply Bio-M- Power for sucking insect @1ml/litre of water Avoid water logging in the crop field. Retain mature and healthy fruits for seeds. Apply <i>Chandani</i> @1.5 gm/1litres of water
Bhindi/cowpea	Fruiting	114111101	-Proper drainage should be given to drain excess water

Name of the animal	Growth stage	Disease/ infestation		Agro-meteorological advisories
Poultry (Chicken/	All age groups	Care & management	>	It's there is the congenial for coccidiosis use amprolium @ 1 gm/litre of drinking water for 5-7 days
Turkey/ Duck)			>	Add multivitamin @ 20-40 ml for 100 laying birds in water Protect from rain by hanging polythene sheet or hessian cloth
Sheep/ Goat	All age groups excepts the	Care & management	>	Sheep can be sheared during this month.
	young ones	De-worming	>	Pepirazine compound- 100mg/kg orally for 3 days.
		Ectoparasitism	A	Keep the sheds clean. Hang Bouquets of Basil (<i>Ocimum sactum</i>) or Lemon Grass (<i>Cymbopogon citrates</i>) in the animals sheds to keep away the ectoparasites.

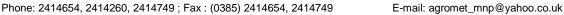






			Neem oil based disinfectants can be sprayed. Butox solution (2 C.C. in 1 litre of water) can also be used.
Pig	All age groups excepts the	Deworming	Give Morantel citrate tablet @ 15 mg/kg of body weight.
young ones	Ectoparasitism	Keep the sheds clean. Hang Bouquets of Basil (Ocimum sactum) or Lemon Grass (Cymbopogon citrates) in the animals sheds to keep away the ecto- parasites. Neem oil based disinfectants can be sprayed. Butox solution (2 C.C. in 1 litre of water) can also be used.	
		Hog Cholera	Vaccination against swine fever must be carried out.
Cattle All age groups excepts the young ones	B.Q./ H.S/FMD	➤ If the animals have not yet been vaccinated, give vaccine, now for Black Quarter, Haemorrhagic septicaemia, Foot & mouth Disease.	
	Ectoparasitism	Keep the sheds clean. Hang Bouquets of Basil (Ocimum sactum) or Lemon Grass (Cymbopogon citrates) in the animals sheds to keep away the ecto- parasites. Neem oil based disinfectants can be sprayed. Butox solution (2 C.C. in 1 litre of water) can also be used.	
		Endoparasites	➤ Deworm orally once using Nilzan-F @ 90ml/ 300 kg body weight.
	Care & management	 Keep the animal indoor Do not allow grazing in rain 	
		Puerperal Fever in Pregnant animals	> 50-60 gram of mineral mixture every day.
		Decrease in milk production	> The milk & urine samples must be sent for testing.
	Breedable age group	Controlled breeding	Control breeding programme for animals should continue in the month of February so the all participating animals become pregnant during this month.
	Milch cow	Mastitis	To prevent mastitis they should be milked completely.
Fishery:		-	
Type of Farming	Stage	Management	Agro-metrological advisories
Carp culture	Fries/ fingerlings/ brooders	Pond and water For quality fish seed production Feed Fish	 Pond water should be maintained clean. Only matured and ripe brooders should be selected for breeding. Single dose hormone injection of Ovaprim/Ovatide/Wova-Fh @0.5 ml/kg body weight for female brooders and @0.2 ml/kg body weight for female brooder. Provide feed 1-2 times @ 2 % body weight per day. Male and female brooders should be stock in separate ponds for early breeding programs for Common Carp.

(I. Meghachandra Singh)







MANIPUR BULLETIN 24th May, 2016

Tamenglong

IAAS, ICAR-RC Manipur Centre in association with India Meteorological Department, Regional Meteorological Centre, Guwahati and Northern Hemisphere Analysis Centre, New Delhi, Ministry of Earth Science, Govt. of India reports the weather forecasts for the next five days, i.e., from 25th to 29th May, 2016 as below:

Significant past weather for the preceding bi-weekly of Imphal - West (20th to 23rd May, 2016)

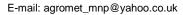
The sky was fair to overcast. Rainfall of 142.0 mm was recorded during past four days. Maximum temperature range observed was 22.6 to 30.8 $^{\rm o}{\rm C},$ range of minimum temperature observed was 20.6 to 22.3 $^{\rm o}{\rm C},$ mean relative humidity observed in morning and afternoon were 96.0 % and 86.5 % respectively. The average wind speed range was 3.2 to 6.7 km/hr.

Weather forecast for next five days of Tamenglong (25th to 29th May, 2016)

Likely to have light rain upto Sunday. Sky will remain variable to mainly cloudy, with maximum temp. 28.0 to 29.0 °C & minimum temp. 15.0 to 16.0 ° C. Relative humidity may reach upto 99 % (max RH) & 48 % (min RH). The average wind speed may be 2-3 km/hr. Wind direction may be North-east Easterly to South Westerly during the next five days.

Name of the crop	Stage	Pest and disease	Agro-meteorological advisories
Field Crops	•	•	
Early kharif rice	Booting- Flowering		Drain out the field in flooded areas.
Main kharif rice	Land preparation for sowing		Prepare 700m ² of land for transplanting one hectare area. Soak seed overnight and incubate for 1 day.
Groundnut	Sowing in upland		 Seed rate is 100-110 kg of Kernel/ha and the recommended varieties are ICGS-76 and JL-24. Sowing may be done at spacing of 30 cm x 15 cm after rains. It is recommended to apply 44 kg of urea, 375kg of DAP and 67 kg of MOP per ha as a basal application during final ploughing or incorporated at the time of sowing. Drain out excess water.
Blackgram	Land preparation to sowing		 Seed rate of 10-15 kg/ hectare may be sown by broadcasting or dibbling after rains. Treat the seed with Thiram or Captan @3 kg/ha. Drain out the field
Rabi Maize	Cob formation	Stem borer	 To control the infestation of stem borer, apply few granules of Carbofuradan 3G at maize whorl. Drain out the field
Horticulture Crops	'	•	
Cucurbits (Water- melon, pumpkin, sponge gourd, etc.)	Flowering & fruiting to harvesting	Fruit rot	Matured fruits should not contact with the soil by using available biomass
Tomato/ Chilli	Fruiting to harvest	Fruit rot	 Apply Bio-M- Power for sucking insect @1ml/litre of water Avoid water logging in the crop field. Retain mature and healthy fruits for seeds. Apply <i>Chandani</i> @1.5 gm/1litres of water
Bhindi/cowpea	Fruiting	11011101	-Proper drainage should be given to drain excess water

Name of the animal	Growth stage	Disease/ infestation		Agro-meteorological advisories
Poultry (Chicken/ Turkey/ Duck)	All age groups	Care & management	A A A	It's there is the congenial for coccidiosis use amprolium @ 1 gm/litre of drinking water for 5-7 days Add multivitamin @ 20-40 ml for 100 laying birds in water Protect from rain by hanging polythene sheet or hessian cloth
Sheep/ Goat	All age groups excepts the	Care & management	>	Sheep can be sheared during this month.
	young ones	De-worming	>	Pepirazine compound- 100mg/kg orally for 3 days.
		Ectoparasitism	<i>A</i>	Keep the sheds clean. Hang Bouquets of Basil (<i>Ocimum sactum</i>) or Lemon Grass (<i>Cymbopogon citrates</i>) in the animals sheds to keep away the ectoparasites.







			Neem oil based disinfectants can be sprayed. Butox solution (2 C.C. in 1 litre of water) can also be used.
Pig	All age groups excepts the	Deworming	Give Morantel citrate tablet @ 15 mg/kg of body weight.
	young ones	Ectoparasitism	Keep the sheds clean. Hang Bouquets of Basil (Ocimum sactum) or Lemon Grass (Cymbopogon citrates) in the animals sheds to keep away the ecto- parasites. Neem oil based disinfectants can be sprayed. Butox solution (2 C.C. in 1 litre of water) can also be used.
		Hog Cholera	Vaccination against swine fever must be carried out.
Cattle	All age groups excepts the	B.Q./ H.S/FMD	➤ If the animals have not yet been vaccinated, give vaccine, now for Black Quarter, Haemorrhagic septicaemia, Foot & mouth Disease.
	young ones	Ectoparasitism	Keep the sheds clean. Hang Bouquets of Basil (Ocimum sactum) or Lemon Grass (Cymbopogon citrates) in the animals sheds to keep away the ecto- parasites. Neem oil based disinfectants can be sprayed. Butox solution (2 C.C. in 1 litre of water) can also be used.
		Endoparasites	➤ Deworm orally once using Nilzan-F @ 90ml/ 300 kg body weight.
		Care & management	 Keep the animal indoor Do not allow grazing in rain
		Puerperal Fever in Pregnant animals	> 50-60 gram of mineral mixture every day.
		Decrease in milk production	> The milk & urine samples must be sent for testing.
	Breedable age group	Controlled breeding	Control breeding programme for animals should continue in the month of February so the all participating animals become pregnant during this month.
	Milch cow	Mastitis	To prevent mastitis they should be milked completely.
Fishery:		-	
Type of Farming	Stage	Management	Agro-metrological advisories
Carp culture	Fries/ fingerlings/ brooders	Pond and water For quality fish seed production Feed Fish	 Pond water should be maintained clean. Only matured and ripe brooders should be selected for breeding. Single dose hormone injection of Ovaprim/Ovatide/Wova-Fh @0.5 ml/kg body weight for female brooders and @0.2 ml/kg body weight for female brooder. Provide feed 1-2 times @ 2 % body weight per day. Male and female brooders should be stock in separate ponds for early breeding programs for Common Carp.

(I. Meghachandra Singh)