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



"Integrated Agromet Advisory Services"

MANIPUR BULLETIN 6th February, 2015

Chandel

Weather forecast for next five days of Chandel (7 th to 11 th February, 2015)
There may be no rain upto Wednesday. Sky will be mainly
clear to partly cloudy with maximum temp. of $22.0 - 25.0$
$^{\circ}$ C & minimum temp. 4.0 – 6.0 $^{\circ}$ C. Relative humidity may
reach upto 92 % (maximum RH) & 31 % (minimum RH).
The average wind speed may be 4-6 km/ hr during next
five days.

Name of the crop	Stage	Pest and disease infestation	Agro-meteorological advisories
Field Crops]	
Rapeseed/	Siliqua formation to		Top-dress with 32.5 kg Urea/ ha at 60 days after sowing.
mustard	maturity		- During flowering four bee boxes may be kept in one hectare crop area. Avoid spray of insecticides in such area.
		Aphid	- Use yellow plates for every 3 sq.m to attract the aphids or spray Pyrethrum @ 2ml/ litre of water on the infected patches.
		Downy Mildew	Spray Triademefon (Bayleton) 50 WP @ 10g/15litres of water (2-3 sprays) at 15 days interval as soon as the symptoms start appearing on the plants.
		Hairy caterpillar	- Spray Quinalphos or Chloropyriphos @ 2ml/litre of water on the infected patches only.
Pulses (Field pea/	Fruiting and maturity	Aphid	- Spray Cypermethrin @2ml/lit of water against aphid on the infected patches only.
Lentil)		Powdery Mildew	- Spray Bayleton (Triademefon 25%WP) @ 7.5 g/ pump or Dinocap (Karathane 46% EC) @ 7.5ml/ pump.
Pre-kharif Rice	Land Preparation		 Prepare 700 m² area for raising pre-kharif rice nursery for transplanting in 1 ha land. Apply well decomposed FYM/ compost @ 1 t/ 700 m² at final leveling. Nursery bed should be well puddled and leveled to avoid uneven stagnation of water.
Rabi Maize	Vegetative		 Earthing-up of rabi maize sown intercropped with pea or potato may be done and apply irrigation at an interval of 10-15 days to maintain moisture status. When the plant is knee high apply fertilizer @ 25 kg N/ha at the time of inter-culture operation.
Storage			- Dry, clean and store the seeds in RC-seed bins after proper drying of seeds and charcoal. Check for moisture content or weight of seeds. After proper drying, store grains/ seeds in well ventilated godowns.
Horticulture Crops	ų.	J	
Cucurbits	Sowing		- Continue raising of cucurbits like bitter gourd, bottle gourd, cucumber, sponge gourd, etc. in poly pouch under low cost polyhouse.
	Transplanting		 Transplant already raised 4-leaf stage seedlings under low cost polyhouse. If transplanted in open field then mulching materials like paddy straw should be used to protect young plants from cold. Light watering must be done for already transplanted seedlings during morning hours.





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Onion/ Garli	c	Bulb formation			 Light and frequent irrigation is required to keep the soil moist throughout the growing period/ vegetative phase. If the bulb formation stage has started then it must be checked that the soil is not too dry also care should be taken that the neck portion should be above the ground level.
Potato		Tuber formation maturity	to		 For seed purpose: Removal off-types and plants showing mottling, mosaic, crinkle, necrosis and leaf rolling may be followed twice during the growing season. Also, remove plants showing symptoms of purple top roll. Maturity days should be strictly maintained as per variety. Blight and leaf spot disease must be controlled by spraying Mancozeb @ 0.2% alternatively with Copper Oxichloride @ 0.3% or with Sixer.
Animal Sci		1		1	
Name of the an	imal	Growth stage		Disease/ infestation	Agro-meteorological advisories
Poultry		All susceptible age		Coccidiosis	Give Coximar @ 2g/lit of drinking water for 5-7 days.
		groups (as and when required)		Ranikhet disease	 F-1 Strain may be first administered within 7 days of age and second dose may be given at 30days for all birds. R₂B vaccine of 8-9 weeks of age group birds (layers). Killed ND virus vaccine of 16-18 weeks of age group birds (layers).
				Management	- Mix deactivated lime powder @ 2 kg per 100 sq. ft. area in litter material to prevent from caking.
Sheep/ Goat		Above 3 months of age (as and when required)		Contagious Caprine Pluero-pneumonia (CCPP) in goat	- Vaccinate against Contagious Caprine Pluero-pneumonia intra- dermally.
				Ectoparasite	Use Butox liq. @ 2ml/ 4 litres of water and wash the animal with the solution.
Pig		Above 3 months o	f	Swine Fever	- Vaccinate against swine fever after the age of 3 months.
		age (as and when required)		Skin infection	Give Ivermectin (Indectin tab.) @ 10mg/33kg body weight.
				Deworming	- Deworm using Piperazine citrate @ 30 ml per adult animal once.
				Ticks	Add Butox liquid @ 2 ml/ lit of water and use the solution twice a week while brushing the animal.
Cattle / Buffal	lo/	Above 3 months o	f	Deworming	Deworm using TolzanF @ 100ml/300kg body weight.
Mithun		age (as and when		F.M.D.	- Vaccinate against F.M.D.
		required)		Ticks/ Wounds	Topicure spray may be used twice daily on the affected parts.
Fishery:		•		J	
Type of Farming	Stage & Manager		Agr	o-metrological advisories	
Carp/ Catfish culture	Stock maintenance		- Po ma	onds should be free fror intained at 1.0 - 1.5 m.	n and for this practices mentioned below may be done in small scale. n unwanted vegetation and insects and water depth should be

atrish	- Ponds should be free from unwanted vegetation and insects and water depth should be
culture	maintained at 1.0 - 1.5 m.
	- Feeds should be provided 1-2 times a day @ 2-3% body weight per day.
	- Well balanced feed fortified with vitamins and minerals should be provided.
	- Apply Green AO @ 4litre/ ha or lime @ 200kg/ ha, Maintain good quality of pond water.

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



"Integrated Agromet Advisory Services"

MANIPUR BULLETIN 6th February, 2015

Churachandpur

Significant past weather for the preceding bi-weekly of Imphal - West (3 rd to 5 th February, 2015)	Weather forecast for next five days of Churachandpur (7 th to 11 th February, 2015)
During past three days sky was mainly clear but mainly	
cloudy during afternoon hours of 5 th February. No rainfall was	There may be no rain upto Wednesday. Sky will be mainly
recorded during past three days. Maximum temperature range	clear to partly cloudy with maximum temp. of $22.0 - 24.0$
observed was 24.4 – 25.5 °C, range of minimum temperature	$^{\circ}$ C & minimum temp. 4.0 – 6.0 $^{\circ}$ C. Relative humidity may
observed was $3.5 - 5.4$ °C, mean relative humidity observed in	reach upto 91 % (maximum RH) & 25% (minimum RH).
morning and afternoon were 84.7 % and 41.0 % respectively.	The average wind speed may be 4-6 km/ hr during next
The average wind speed range was $1.7 - 2.5$ km/hr.	five days.

Name of the crop	Stage	Pest and disease infestation	Agro-meteorological advisories
Field Crops		J	
Rapeseed/	Siliqua formation to		Top-dress with 32.5 kg Urea/ ha at 60 days after sowing.
mustard	maturity		- During flowering four bee boxes may be kept in one hectare crop area. Avoid spray of insecticides in such area.
		Aphid	- Use yellow plates for every 3 sq.m to attract the aphids or spray Pyrethrum @ 2ml/ litre of water on the infected patches.
		Downy Mildew	Spray Triademefon (Bayleton) 50 WP @ 10g/15litres of water (2-3 sprays) at 15 days interval as soon as the symptoms start appearing on the plants.
		Hairy caterpillar	- Spray Quinalphos or Chloropyriphos @ 2ml/litre of water on the infected patches only.
Pulses (Field pea/	Fruiting and maturity	Aphid	- Spray Cypermethrin @2ml/lit of water against aphid on the infected patches only.
Lentil)		Powdery Mildew	- Spray Bayleton (Triademefon 25%WP) @ 7.5 g/ pump or Dinocap (Karathane 46% EC) @ 7.5ml/ pump.
Pre-kharif Rice	Land Preparation		 Prepare 700 m² area for raising pre-kharif rice nursery for transplanting in 1 ha land. Apply well decomposed FYM/ compost @ 1 t/ 700 m² at final leveling. Nursery bed should be well puddled and leveled to avoid uneven stagnation of water.
Rabi Maize	Vegetative		 Earthing-up of rabi maize sown intercropped with pea or potato may be done and apply irrigation at an interval of 10-15 days to maintain moisture status. When the plant is knee high apply fertilizer @ 25 kg N/ha at the time of inter-culture operation.
Storage			- Dry, clean and store the seeds in RC-seed bins after proper drying of seeds and charcoal. Check for moisture content or weight of seeds. After proper drying, store grains/ seeds in well ventilated godowns.
Horticulture Crops	-		
Cucurbits	Sowing		- Continue raising of cucurbits like bitter gourd, bottle gourd, cucumber, sponge gourd, etc. in poly pouch under low cost polyhouse.
	Transplanting		 Transplant already raised 4-leaf stage seedlings under low cost polyhouse. If transplanted in open field then mulching materials like paddy straw should be used to protect young plants from cold. Light watering must be done for already transplanted seedlings during morning hours.





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Onion/ Garli	с	Bulb formation			 Light and frequent irrigation is required to keep the soil moist throughout the growing period/ vegetative phase. If the bulb formation stage has started then it must be checked that the soil is not too dry also care should be taken that the neck portion should be above the ground level.
Potato		Tuber formation maturity	to		 For seed purpose: Removal off-types and plants showing mottling, mosaic, crinkle, necrosis and leaf rolling may be followed twice during the growing season. Also, remove plants showing symptoms of purple top roll. Maturity days should be strictly maintained as per variety. Blight and leaf spot disease must be controlled by spraying Mancozeb @ 0.2% alternatively with Copper Oxichloride @ 0.3% or with Sixer.
Animal Sci		1		1	
Name of the an	imal	Growth stage		Disease/ infestation	Agro-meteorological advisories
Poultry		All susceptible age		Coccidiosis	Give Coximar @ 2g/lit of drinking water for 5-7 days.
		groups (as and when required)		Ranikhet disease	 F-1 Strain may be first administered within 7 days of age and second dose may be given at 30days for all birds. R₂B vaccine of 8-9 weeks of age group birds (layers). Killed ND virus vaccine of 16-18 weeks of age group birds (layers).
				Management	- Mix deactivated lime powder @ 2 kg per 100 sq. ft. area in litter material to prevent from caking.
Sheep/ Goat		Above 3 months of age (as and when required)		Contagious Caprine Pluero-pneumonia (CCPP) in goat	- Vaccinate against Contagious Caprine Pluero-pneumonia intra- dermally.
				Ectoparasite	Use Butox liq. @ 2ml/ 4 litres of water and wash the animal with the solution.
Pig		Above 3 months o	f	Swine Fever	- Vaccinate against swine fever after the age of 3 months.
		age (as and when required)		Skin infection	Give Ivermectin (Indectin tab.) @ 10mg/33kg body weight.
				Deworming	- Deworm using Piperazine citrate @ 30 ml per adult animal once.
				Ticks	Add Butox liquid @ 2 ml/ lit of water and use the solution twice a week while brushing the animal.
Cattle / Buffal	lo/	Above 3 months o	f	Deworming	Deworm using TolzanF @ 100ml/300kg body weight.
Mithun		age (as and when required)		F.M.D.	- Vaccinate against F.M.D.
		required)		Ticks/ Wounds	Topicure spray may be used twice daily on the affected parts.
Fishery:					·
Type of Farming	Stage & Manager)	o-metrological advisories	
Carp/ Catfish culture	Stock maintenance		- Po ma	onds should be free fror intained at 1.0 - 1.5 m.	n and for this practices mentioned below may be done in small scale. n unwanted vegetation and insects and water depth should be

	- Ponds should be free from unwanted vegetation and insects and water depth should be
culture	maintained at 1.0 - 1.5 m.
	- Feeds should be provided 1-2 times a day @ 2-3% body weight per day.
	- Well balanced feed fortified with vitamins and minerals should be provided.
	- Apply Green AO @ 4litre/ ha or lime @ 200kg/ ha, Maintain good quality of pond water.



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



"Integrated Agromet Advisory Services"

MANIPUR BULLETIN 6th February, 2015

Imphal-East

Significant past weather for the preceding bi-weekly of Imphal - West (3 rd to 5 th February, 2015)	Weather forecast for next five days of Imphal-East (7 th to 11 th February, 2015)
During past three days sky was mainly clear but mainly	
cloudy during afternoon hours of 5 th February. No rainfall was	There may be no rain upto Wednesday. Sky will be mainly
recorded during past three days. Maximum temperature range	clear to partly cloudy with maximum temp. of $22.0 - 24.0$
observed was 24.4 – 25.5 °C, range of minimum temperature	$^{\circ}$ C & minimum temp. 5.0 – 6.0 $^{\circ}$ C. Relative humidity may
observed was $3.5 - 5.4$ °C, mean relative humidity observed in	reach upto 97 % (maximum RH) & 23 % (minimum RH).
morning and afternoon were 84.7 % and 41.0 % respectively.	The average wind speed may be 2-5 km/ hr during next
The average wind speed range was 1.7 – 2.5 km/hr.	five days.

Name of the crop	Stage	Pest and disease infestation	Agro-meteorological advisories
Field Crops		J	
Rapeseed/	Siliqua formation to		Top-dress with 32.5 kg Urea/ ha at 60 days after sowing.
mustard	maturity		- During flowering four bee boxes may be kept in one hectare crop area. Avoid spray of insecticides in such area.
		Aphid	- Use yellow plates for every 3 sq.m to attract the aphids or spray Pyrethrum @ 2ml/ litre of water on the infected patches.
		Downy Mildew	Spray Triademefon (Bayleton) 50 WP @ 10g/15litres of water (2-3 sprays) at 15 days interval as soon as the symptoms start appearing on the plants.
		Hairy caterpillar	- Spray Quinalphos or Chloropyriphos @ 2ml/litre of water on the infected patches only.
Pulses (Field pea/	Fruiting and maturity	Aphid	- Spray Cypermethrin @2ml/lit of water against aphid on the infected patches only.
Lentil)		Powdery Mildew	- Spray Bayleton (Triademefon 25%WP) @ 7.5 g/ pump or Dinocap (Karathane 46% EC) @ 7.5ml/ pump.
Pre-kharif Rice	Land Preparation		 Prepare 700 m² area for raising pre-kharif rice nursery for transplanting in 1 ha land. Apply well decomposed FYM/ compost @ 1 t/ 700 m² at final leveling. Nursery bed should be well puddled and leveled to avoid uneven stagnation of water.
Rabi Maize	Vegetative		 Earthing-up of rabi maize sown intercropped with pea or potato may be done and apply irrigation at an interval of 10-15 days to maintain moisture status. When the plant is knee high apply fertilizer @ 25 kg N/ha at the time of inter-culture operation.
Storage			- Dry, clean and store the seeds in RC-seed bins after proper drying of seeds and charcoal. Check for moisture content or weight of seeds. After proper drying, store grains/ seeds in well ventilated godowns.
Horticulture Crops		J	
Cucurbits	Sowing		- Continue raising of cucurbits like bitter gourd, bottle gourd, cucumber, sponge gourd, etc. in poly pouch under low cost polyhouse.
	Transplanting		 Transplant already raised 4-leaf stage seedlings under low cost polyhouse. If transplanted in open field then mulching materials like paddy straw should be used to protect young plants from cold. Light watering must be done for already transplanted seedlings during morning hours.





"Integrated Agromet Advisory Services"

Onion/ Garli	c	Bulb formation			 Light and frequent irrigation is required to keep the soil moist throughout the growing period/ vegetative phase. If the bulb formation stage has started then it must be checked that the soil is not too dry also care should be taken that the neck portion should be above the ground level.
Potato		Tuber formation maturity	to		 For seed purpose: Removal off-types and plants showing mottling, mosaic, crinkle, necrosis and leaf rolling may be followed twice during the growing season. Also, remove plants showing symptoms of purple top roll. Maturity days should be strictly maintained as per variety. Blight and leaf spot disease must be controlled by spraying Mancozeb @ 0.2% alternatively with Copper Oxichloride @ 0.3% or with Sixer.
Animal Sci		1		7	
Name of the an	imal	Growth stage		Disease/ infestation	Agro-meteorological advisories
Poultry		All susceptible age		Coccidiosis	Give Coximar @ 2g/lit of drinking water for 5-7 days.
		groups (as and when required)		Ranikhet disease	 F-1 Strain may be first administered within 7 days of age and second dose may be given at 30days for all birds. R₂B vaccine of 8-9 weeks of age group birds (layers). Killed ND virus vaccine of 16-18 weeks of age group birds (layers).
				Management	- Mix deactivated lime powder @ 2 kg per 100 sq. ft. area in litter material to prevent from caking.
Sheep/ Goat		Above 3 months of age (as and when required)		Contagious Caprine Pluero-pneumonia (CCPP) in goat	- Vaccinate against Contagious Caprine Pluero-pneumonia intra- dermally.
				Ectoparasite	Use Butox liq. @ 2ml/ 4 litres of water and wash the animal with the solution.
Pig		Above 3 months o	f	Swine Fever	- Vaccinate against swine fever after the age of 3 months.
		age (as and when required)		Skin infection	Give Ivermectin (Indectin tab.) @ 10mg/33kg body weight.
				Deworming	- Deworm using Piperazine citrate @ 30 ml per adult animal once.
				Ticks	Add Butox liquid @ 2 ml/ lit of water and use the solution twice a week while brushing the animal.
Cattle / Buffal	lo/	Above 3 months o	f	Deworming	Deworm using TolzanF @ 100ml/300kg body weight.
Mithun		age (as and when required)		F.M.D.	- Vaccinate against F.M.D.
		required)		Ticks/ Wounds	Topicure spray may be used twice daily on the affected parts.
Fishery:		•		J	
Type of Farming	Stage & Manager		0	o-metrological advisories	
Carp/ Catfish culture	Stock maintenance		- Po ma	onds should be free from intained at 1.0 - 1.5 m.	n and for this practices mentioned below may be done in small scale. n unwanted vegetation and insects and water depth should be

	- Ponds should be free from unwanted vegetation and insects and water depth should be
culture	maintained at 1.0 - 1.5 m.
	- Feeds should be provided 1-2 times a day @ 2-3% body weight per day.
	- Well balanced feed fortified with vitamins and minerals should be provided.
	- Apply Green AO @ 4litre/ ha or lime @ 200kg/ ha. Maintain good quality of pond water.



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



"Integrated Agromet Advisory Services"

MANIPUR BULLETIN 6th February, 2015

Imphal-West

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day. Sky will be mainly
um temp. of $24.0 - 26.0$
. Relative humidity may
& 23 % (minimum RH).
2-5 km/ hr during next
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Name of the crop	Stage	Pest and disease infestation	Agro-meteorological advisories
Field Crops]	
Rapeseed/	Siliqua formation to		Top-dress with 32.5 kg Urea/ ha at 60 days after sowing.
mustard	maturity		- During flowering four bee boxes may be kept in one hectare crop area. Avoid spray of insecticides in such area.
		Aphid	- Use yellow plates for every 3 sq.m to attract the aphids or spray Pyrethrum @ 2ml/ litre of water on the infected patches.
		Downy Mildew	Spray Triademefon (Bayleton) 50 WP @ 10g/15litres of water (2-3 sprays) at 15 days interval as soon as the symptoms start appearing on the plants.
		Hairy caterpillar	- Spray Quinalphos or Chloropyriphos @ 2ml/litre of water on the infected patches only.
Pulses (Field pea/	Fruiting and maturity	Aphid	- Spray Cypermethrin @2ml/lit of water against aphid on the infected patches only.
Lentil)		Powdery Mildew	- Spray Bayleton (Triademefon 25%WP) @ 7.5 g/ pump or Dinocap (Karathane 46% EC) @ 7.5ml/ pump.
Pre-kharif Rice	Land Preparation		 Prepare 700 m² area for raising pre-kharif rice nursery for transplanting in 1 ha land. Apply well decomposed FYM/ compost @ 1 t/ 700 m² at final leveling. Nursery bed should be well puddled and leveled to avoid uneven stagnation of water.
Rabi Maize	Vegetative		 Earthing-up of rabi maize sown intercropped with pea or potato may be done and apply irrigation at an interval of 10-15 days to maintain moisture status. When the plant is knee high apply fertilizer @ 25 kg N/ha at the time of inter-culture operation.
Storage			- Dry, clean and store the seeds in RC-seed bins after proper drying of seeds and charcoal. Check for moisture content or weight of seeds. After proper drying, store grains/ seeds in well ventilated godowns.
Horticulture Crops			
Cucurbits	Sowing		- Continue raising of cucurbits like bitter gourd, bottle gourd, cucumber, sponge gourd, etc. in poly pouch under low cost polyhouse.
	Transplanting		 Transplant already raised 4-leaf stage seedlings under low cost polyhouse. If transplanted in open field then mulching materials like paddy straw should be used to protect young plants from cold. Light watering must be done for already transplanted seedlings during morning hours.





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Onion/ Garli	c	Bulb formation			 Light and frequent irrigation is required to keep the soil moist throughout the growing period/ vegetative phase. If the bulb formation stage has started then it must be checked that the soil is not too dry also care should be taken that the neck portion should be above the ground level.
Potato		Tuber formation maturity	to		 For seed purpose: Removal off-types and plants showing mottling, mosaic, crinkle, necrosis and leaf rolling may be followed twice during the growing season. Also, remove plants showing symptoms of purple top roll. Maturity days should be strictly maintained as per variety. Blight and leaf spot disease must be controlled by spraying Mancozeb @ 0.2% alternatively with Copper Oxichloride @ 0.3% or with Sixer.
Animal Sci		1		7	
Name of the an	imal	Growth stage		Disease/ infestation	Agro-meteorological advisories
Poultry		All susceptible age		Coccidiosis	Give Coximar @ 2g/lit of drinking water for 5-7 days.
	groups (as and whe required)	en	Ranikhet disease	 F-1 Strain may be first administered within 7 days of age and second dose may be given at 30days for all birds. R₂B vaccine of 8-9 weeks of age group birds (layers). Killed ND virus vaccine of 16-18 weeks of age group birds (layers). 	
				Management	- Mix deactivated lime powder @ 2 kg per 100 sq. ft. area in litter material to prevent from caking.
Sheep/ Goat		Above 3 months of age (as and when required)		Contagious Caprine Pluero-pneumonia (CCPP) in goat	- Vaccinate against Contagious Caprine Pluero-pneumonia intra- dermally.
				Ectoparasite	Use Butox liq. @ 2ml/ 4 litres of water and wash the animal with the solution.
Pig		Above 3 months o	f	Swine Fever	- Vaccinate against swine fever after the age of 3 months.
		age (as and when required)		Skin infection	Give Ivermectin (Indectin tab.) @ 10mg/33kg body weight.
		required)		Deworming	- Deworm using Piperazine citrate @ 30 ml per adult animal once.
				Ticks	Add Butox liquid @ 2 ml/ lit of water and use the solution twice a week while brushing the animal.
Cattle / Buffal	lo/	Above 3 months o	f	Deworming	Deworm using TolzanF @ 100ml/300kg body weight.
Mithun		age (as and when required)		F.M.D.	- Vaccinate against F.M.D.
		requireu)		Ticks/ Wounds	Topicure spray may be used twice daily on the affected parts.
Fishery:		•		J	
Type of Farming	Stage & Manager		0	o-metrological advisories	
Carp/ Catfish culture	Stock maintenance		- Po ma	onds should be free from intained at 1.0 - 1.5 m.	n and for this practices mentioned below may be done in small scale. n unwanted vegetation and insects and water depth should be

	- Ponds should be free from unwanted vegetation and insects and water depth should be
culture	maintained at 1.0 - 1.5 m.
	- Feeds should be provided 1-2 times a day @ 2-3% body weight per day.
	- Well balanced feed fortified with vitamins and minerals should be provided.
	- Apply Green AO @ 4litre/ ha or lime @ 200kg/ ha. Maintain good quality of pond water.

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"Integrated Agromet Advisory Services"

MANIPUR BULLETIN 6th February, 2015

Senapati

Significant past weather for the preceding bi-weekly of Imphal - West (3 rd to 5 th February, 2015)	Weather forecast for next five days of Senapati (7 th to 11 th February, 2015)
During past three days sky was mainly clear but mainly	
cloudy during afternoon hours of 5 th February. No rainfall was recorded during past three days. Maximum temperature range observed was $24.4 - 25.5$ °C, range of minimum temperature observed was $3.5 - 5.4$ °C, mean relative humidity observed in morning and afternoon were 84.7 % and 41.0 % respectively. The average wind speed range was $1.7 - 2.5$ km/hr.	There may be no rain upto Wednesday. Sky will be mainly clear to partly cloudy with maximum temp. of $19.0 - 22.0$ °C & minimum temp. $2.0 - 5.0$ °C. Relative humidity may reach upto 94 % (maximum RH) & 22% (minimum RH). The average wind speed may be 2-4 km/ hr during next five days.

Name of the crop	Stage	Pest and disease infestation	Agro-meteorological advisories
Field Crops			
Rapeseed/	Siliqua formation to		Top-dress with 32.5 kg Urea/ ha at 60 days after sowing.
mustard	maturity		- During flowering four bee boxes may be kept in one hectare crop
			area. Avoid spray of insecticides in such area.
		Aphid	- Use yellow plates for every 3 sq.m to attract the aphids or spray
			Pyrethrum @ 2ml/ litre of water on the infected patches.
		Downy Mildew	Spray Triademefon (Bayleton) 50 WP @ 10g/15litres of water (2-3
			sprays) at 15 days interval as soon as the symptoms start appearing
			on the plants.
		Hairy caterpillar	- Spray Quinalphos or Chloropyriphos @ 2ml/litre of water on the
D 1			infected patches only.
Pulses	Fruiting and	Aphid	- Spray Cypermethrin @2ml/lit of water against aphid on the infected
(Field pea/	maturity	Danidami Mildani	patches only.
Lentil)		Powdery Mildew	- Spray Bayleton (Triademefon 25% WP) @ 7.5 g/ pump or Dinocap
Pre-kharif Rice	Land Preparation		 (Karathane 46% EC) @ 7.5ml/ pump. Prepare 700 m² area for raising pre-kharif rice nursery for
Fre-knarn Kice	Land Freparation		transplanting in 1 ha land. Apply well decomposed FYM/ compost @
			1 t/ 700 m ² at final leveling.
			- Nursery bed should be well puddled and leveled to avoid uneven
			stagnation of water.
Rabi Maize	Vegetative		- Earthing-up of rabi maize sown intercropped with pea or potato
	6		may be done and apply irrigation at an interval of 10-15 days to
			maintain moisture status.
			- When the plant is knee high apply fertilizer @ 25 kg N/ha at the
			time of inter-culture operation.
Storage			- Dry, clean and store the seeds in RC-seed bins after proper drying
			of seeds and charcoal. Check for moisture content or weight of seeds.
			After proper drying, store grains/ seeds in well ventilated godowns.
Horticulture Crops		1	
Cucurbits	Sowing		- Continue raising of cucurbits like bitter gourd, bottle gourd,
			cucumber, sponge gourd, etc. in poly pouch under low cost
			polyhouse.
	Transplanting		- Transplant already raised 4-leaf stage seedlings under low cost
			polyhouse. If transplanted in open field then mulching materials like
			paddy straw should be used to protect young plants from cold.
			- Light watering must be done for already transplanted seedlings
			during morning hours.

E-mail: agromet_mnp@yahoo.co.uk



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



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Onion/ Garlic	Bulb formation		-Light and frequent irrigation is required to keep the soil moist
			throughout the growing period/ vegetative phase.
			- If the bulb formation stage has started then it must be checked that
			the soil is not too dry also care should be taken that the neck portion
			should be above the ground level.
Animal Science	<i>2S</i>		
Name of the animal	Growth stage	Disease/ infestation	Agro-meteorological advisories
Poultry	All susceptible age	Coccidiosis	Give Coximar @ 2g/lit of drinking water for 5-7 days.
	groups (as and whe	ⁿ Ranikhet disease	1. F-1 Strain may be first administered within 7 days of age and
	required)		second dose may be given at 30days for all birds.
			2. R_2B vaccine of 8-9 weeks of age group birds (layers).
			3. Killed ND virus vaccine of 16-18 weeks of age group birds
			(layers).
		Management	- Mix deactivated lime powder @ 2 kg per 100 sq. ft. area in litter
			material to prevent from caking.
Sheep/ Goat	Above 3 months of	Contagious Caprine	- Vaccinate against Contagious Caprine Pluero-pneumonia intra-
	age (as and when	Pluero-pneumonia	dermally.
	required)	(CCPP) in goat	
		Ectoparasite	Use Butox liq. @ 2ml/ 4 litres of water and wash the animal with the solution.
Pig	Above 3 months of	Swine Fever	- Vaccinate against swine fever after the age of 3 months.
	age (as and when required)	Skin infection	Give Ivermectin (Indectin tab.) @ 10mg/33kg body weight.
	required)	Deworming	- Deworm using Piperazine citrate @ 30 ml per adult animal once.
		Ticks	Add Butox liquid @ 2 ml/ lit of water and use the solution twice a
			week while brushing the animal.
Cattle / Buffalo/	Above 3 months of	Deworming	Deworm using TolzanF @ 100ml/300kg body weight.
Mithun	age (as and when required)	F.M.D.	- Vaccinate against F.M.D.
	requireu)	Ticks/ Wounds	Topicure spray may be used twice daily on the affected parts.
Fishery:			
		Agro-metrological advisories	
Farming Management			

	Farming	Management		
	Carp/	Stock maintenance	- Stock fish for next season and for this practices mentioned below may be done in small scale.	
	Catfish		- Ponds should be free from unwanted vegetation and insects and water depth should be	
	culture		maintained at 1.0 - 1.5 m.	
- Feeds should be provided 1-2 times a day @ 2-3% body w			- Feeds should be provided 1-2 times a day @ 2-3% body weight per day.	
		- Well balanced feed fortified with vitamins and minerals should be provided.		
			- Apply Green AQ @ 4litre/ ha or lime @ 200kg/ ha. Maintain good quality of pond water.	

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"Integrated Agromet Advisory Services"

MANIPUR BULLETIN 6th February, 2015

Tamenglong

Significant past weather for the preceding bi-weekly of Imphal - West (3 rd to 5 th February, 2015)	Weather forecast for next five days of Tamenglong (7 th to 11 th February, 2015)
During past three days sky was mainly clear but mainly	
cloudy during afternoon hours of 5 th February. No rainfall was recorded during past three days. Maximum temperature range observed was $24.4 - 25.5$ °C, range of minimum temperature observed was $3.5 - 5.4$ °C, mean relative humidity observed in morning and afternoon were 84.7 % and 41.0 % respectively. The average wind speed range was $1.7 - 2.5$ km/hr.	There may be no rain upto Wednesday. Sky will be mainly clear to partly cloudy with maximum temp. of $24.0 - 26.0$ °C & minimum temp. $5.0 - 8.0$ °C. Relative humidity may reach upto 90 % (maximum RH) & 23% (minimum RH). The average wind speed may be 3-5 km/ hr during next five days.

Name of the crop	Stage	Pest and disease infestation	Agro-meteorological advisories
Field Crops			
Rapeseed/	Siliqua formation to		Top-dress with 32.5 kg Urea/ ha at 60 days after sowing.
mustard	maturity		- During flowering four bee boxes may be kept in one hectare crop area. Avoid spray of insecticides in such area.
		Aphid	- Use yellow plates for every 3 sq.m to attract the aphids or spray Pyrethrum @ 2ml/ litre of water on the infected patches.
		Downy Mildew	Spray Triademefon (Bayleton) 50 WP @ 10g/15litres of water (2-3 sprays) at 15 days interval as soon as the symptoms start appearing on the plants.
		Hairy caterpillar	- Spray Quinalphos or Chloropyriphos @ 2ml/litre of water on the infected patches only.
Pulses (Field pea/	Fruiting and maturity	Aphid	- Spray Cypermethrin @2ml/lit of water against aphid on the infected patches only.
Lentil)		Powdery Mildew	- Spray Bayleton (Triademefon 25%WP) @ 7.5 g/ pump or Dinocap (Karathane 46% EC) @ 7.5ml/ pump.
Pre-kharif Rice	Land Preparation		 Prepare 700 m² area for raising pre-kharif rice nursery for transplanting in 1 ha land. Apply well decomposed FYM/ compost @ 1 t/ 700 m² at final leveling. Nursery bed should be well puddled and leveled to avoid uneven stagnation of water.
Rabi Maize	Vegetative		 Stagnation of water. Earthing-up of rabi maize sown intercropped with pea or potato may be done and apply irrigation at an interval of 10-15 days to maintain moisture status. When the plant is knee high apply fertilizer @ 25 kg N/ha at the time of inter-culture operation.
Storage			- Dry, clean and store the seeds in RC-seed bins after proper drying of seeds and charcoal. Check for moisture content or weight of seeds. After proper drying, store grains/ seeds in well ventilated godowns.
Horticulture Crops			
Cucurbits	Sowing		- Continue raising of cucurbits like bitter gourd, bottle gourd, cucumber, sponge gourd, etc. in poly pouch under low cost polyhouse.
	Transplanting		 Transplant already raised 4-leaf stage seedlings under low cost polyhouse. If transplanted in open field then mulching materials like paddy straw should be used to protect young plants from cold. Light watering must be done for already transplanted seedlings during morning hours.





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Onion/ Garli	ic	Bulb formation			Light and frequent irrigation is required to keep the soil moist throughout the growing period/ vegetative phase.If the bulb formation stage has started then it must be checked that
					the soil is not too dry also care should be taken that the neck portion should be above the ground level.
Potato		Tuber formation maturity	to		 For seed purpose: Removal off-types and plants showing mottling, mosaic, crinkle, necrosis and leaf rolling may be followed twice during the growing season. Also, remove plants showing symptoms of purple top roll. Maturity days should be strictly maintained as per variety. Blight and leaf spot disease must be controlled by spraying Mancozeb @ 0.2% alternatively with Copper Oxichloride @ 0.3% or with Sixer.
Animal Sci			I		
Name of the an	limal	Growth stage		Disease/ infestation	Agro-meteorological advisories
Poultry		All susceptible age		Coccidiosis	Give Coximar @ 2g/lit of drinking water for 5-7 days.
		groups (as and when required)	en	Ranikhet disease	 F-1 Strain may be first administered within 7 days of age and second dose may be given at 30days for all birds. R₂B vaccine of 8-9 weeks of age group birds (layers). Killed ND virus vaccine of 16-18 weeks of age group birds (layers).
			-	Management	- Mix deactivated lime powder @ 2 kg per 100 sq. ft. area in litter material to prevent from caking.
Sheep/ Goat	t	Above 3 months of age (as and when required)		Contagious Caprine Pluero-pneumonia (CCPP) in goat	- Vaccinate against Contagious Caprine Pluero-pneumonia intra- dermally.
			-	Ectoparasite	Use Butox liq. @ 2ml/ 4 litres of water and wash the animal with the solution.
Pig		Above 3 months of	of	Swine Fever	- Vaccinate against swine fever after the age of 3 months.
		age (as and when		Skin infection	Give Ivermectin (Indectin tab.) @ 10mg/33kg body weight.
		required)	-	Deworming Ticks	- Deworm using Piperazine citrate @ 30 ml per adult animal once. Add Butox liquid @ 2 ml/ lit of water and use the solution twice a week while brushing the animal.
Cattle / Buffa	ılo/	Above 3 months of	of	Deworming	Deworm using TolzanF @ 100ml/300kg body weight.
Mithun		age (as and when	-	F.M.D.	- Vaccinate against F.M.D.
		required)		Ticks/ Wounds	Topicure spray may be used twice daily on the affected parts.
Fishery:		1			
Type of Farming	Stage & Managar	mont	Agro	-metrological advisories	
Carp/ Catfish	Management Stock maintenance		- Po	nds should be free from	n and for this practices mentioned below may be done in small scale. n unwanted vegetation and insects and water depth should be
culture			mair	ntained at 10 - 15 m	

Catfish	- Ponds should be free from unwanted vegetation and insects and water depth should be
culture	maintained at 1.0 - 1.5 m.
	- Feeds should be provided 1-2 times a day @ 2-3% body weight per day.
	- Well balanced feed fortified with vitamins and minerals should be provided.
	- Apply Green AQ @ 4litre/ ha or lime @ 200kg/ ha. Maintain good quality of pond water.

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"Integrated Agromet Advisory Services"

MANIPUR BULLETIN 6th February, 2015

Thoubal

Significant past weather for the preceding bi-weekly of Imphal - West (3 rd to 5 th February, 2015)	Weather forecast for next five days of Thoubal (7 th to 11 th February, 2015)
During past three days sky was mainly clear but mainly	() to 11 1 contaily, 2010)
cloudy during afternoon hours of 5 th February. No rainfall was	There may be no rain upto Wednesday. Sky will be mainly
recorded during past three days. Maximum temperature range	clear to partly cloudy with maximum temp. of $22.0 - 25.0$
observed was 24.4 – 25.5 °C, range of minimum temperature	$^{\circ}$ C & minimum temp. 4.0 – 6.0 $^{\circ}$ C. Relative humidity may
observed was $3.5 - 5.4$ °C, mean relative humidity observed in	reach upto 94 % (maximum RH) & 25 % (minimum RH).
morning and afternoon were 84.7 % and 41.0 % respectively.	The average wind speed may be 4-6 km/ hr during next
The average wind speed range was $1.7 - 2.5$ km/hr.	five days.

Name of the crop	Stage	Pest and disease infestation	Agro-meteorological advisories
Field Crops]	
Rapeseed/	Siliqua formation to		Top-dress with 32.5 kg Urea/ ha at 60 days after sowing.
mustard	maturity		- During flowering four bee boxes may be kept in one hectare crop area. Avoid spray of insecticides in such area.
		Aphid	- Use yellow plates for every 3 sq.m to attract the aphids or spray Pyrethrum @ 2ml/ litre of water on the infected patches.
		Downy Mildew	Spray Triademefon (Bayleton) 50 WP @ 10g/15litres of water (2-3 sprays) at 15 days interval as soon as the symptoms start appearing on the plants.
		Hairy caterpillar	- Spray Quinalphos or Chloropyriphos @ 2ml/litre of water on the infected patches only.
Pulses (Field pea/	Fruiting and maturity	Aphid	- Spray Cypermethrin @2ml/lit of water against aphid on the infected patches only.
Lentil)		Powdery Mildew	- Spray Bayleton (Triademefon 25%WP) @ 7.5 g/ pump or Dinocap (Karathane 46% EC) @ 7.5ml/ pump.
Pre-kharif Rice	Land Preparation		 Prepare 700 m² area for raising pre-kharif rice nursery for transplanting in 1 ha land. Apply well decomposed FYM/ compost @ 1 t/ 700 m² at final leveling. Nursery bed should be well puddled and leveled to avoid uneven stagnation of water.
Rabi Maize	Vegetative		 Earthing-up of rabi maize sown intercropped with pea or potato may be done and apply irrigation at an interval of 10-15 days to maintain moisture status. When the plant is knee high apply fertilizer @ 25 kg N/ha at the time of inter-culture operation.
Storage			- Dry, clean and store the seeds in RC-seed bins after proper drying of seeds and charcoal. Check for moisture content or weight of seeds. After proper drying, store grains/ seeds in well ventilated godowns.
Horticulture Crops		J	
Cucurbits	Sowing		- Continue raising of cucurbits like bitter gourd, bottle gourd, cucumber, sponge gourd, etc. in poly pouch under low cost polyhouse.
	Transplanting		 Transplant already raised 4-leaf stage seedlings under low cost polyhouse. If transplanted in open field then mulching materials like paddy straw should be used to protect young plants from cold. Light watering must be done for already transplanted seedlings during morning hours.





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Onion/ Garli	c	Bulb formation			 -Light and frequent irrigation is required to keep the soil moist throughout the growing period/ vegetative phase. - If the bulb formation stage has started then it must be checked that the unit is a started be the started be the started be started by the started be started by the starte
					the soil is not too dry also care should be taken that the neck portion should be above the ground level.
Potato		Tuber formation maturity	to		 For seed purpose: Removal off-types and plants showing mottling, mosaic, crinkle, necrosis and leaf rolling may be followed twice during the growing season. Also, remove plants showing symptoms of purple top roll. Maturity days should be strictly maintained as per variety. Blight and leaf spot disease must be controlled by spraying Mancozeb @ 0.2% alternatively with Copper Oxichloride @ 0.3% or with Sixer.
Animal Sci		~ .			
Name of the an	ımal	Growth stage		Disease/ infestation	Agro-meteorological advisories
Poultry	All susceptible ag			Coccidiosis	Give Coximar @ 2g/lit of drinking water for 5-7 days.
	groups (as and wh required)	en	Ranikhet disease	 F-1 Strain may be first administered within 7 days of age and second dose may be given at 30days for all birds. R₂B vaccine of 8-9 weeks of age group birds (layers). Killed ND virus vaccine of 16-18 weeks of age group birds (layers). 	
				Management	- Mix deactivated lime powder @ 2 kg per 100 sq. ft. area in litter material to prevent from caking.
Sheep/ Goat		Above 3 months of age (as and when required)		Contagious Caprine Pluero-pneumonia (CCPP) in goat	- Vaccinate against Contagious Caprine Pluero-pneumonia intra- dermally.
				Ectoparasite	Use Butox liq. @ 2ml/ 4 litres of water and wash the animal with the solution.
Pig		Above 3 months of age (as and when		Swine Fever	- Vaccinate against swine fever after the age of 3 months.
				Skin infection	Give Ivermectin (Indectin tab.) @ 10mg/33kg body weight.
		required)		Deworming Ticks	- Deworm using Piperazine citrate @ 30 ml per adult animal once. Add Butox liquid @ 2 ml/ lit of water and use the solution twice a week while brushing the animal.
Cattle / Buffa	lo/	Above 3 months of	f	Deworming	Deworm using TolzanF @ 100ml/300kg body weight.
Mithun		age (as and when		F.M.D.	- Vaccinate against F.M.D.
	required)			Ticks/ Wounds	Topicure spray may be used twice daily on the affected parts.
Fishery:		1			
Type of	Stage &		Agro	-metrological advisories	
Farming	Manager				
Carp/ Catfish culture	Stock maintenance		- Po		n and for this practices mentioned below may be done in small scale. n unwanted vegetation and insects and water depth should be

Catfish	- Ponds should be free from unwanted vegetation and insects and water depth should be
culture	maintained at 1.0 - 1.5 m.
	- Feeds should be provided 1-2 times a day @ 2-3% body weight per day.
	- Well balanced feed fortified with vitamins and minerals should be provided.
	- Apply Green AQ @ 4litre/ ha or lime @ 200kg/ ha. Maintain good quality of pond water.

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MANIPUR BULLETIN 6th February, 2015

Ukhrul

Significant past weather for the preceding bi-weekly of Imphal - West (3 rd to 5 th February, 2015)	Weather forecast for next five days of Ukhrul (7 th to 11 th February, 2015)
During past three days sky was mainly clear but mainly	
cloudy during afternoon hours of 5 th February. No rainfall was recorded during past three days. Maximum temperature range observed was $24.4 - 25.5$ °C, range of minimum temperature observed was $3.5 - 5.4$ °C, mean relative humidity observed in morning and afternoon were 84.7 % and 41.0 % respectively. The average wind speed range was $1.7 - 2.5$ km/hr.	There may be no rain upto Wednesday. Sky will be mainly clear to partly cloudy with maximum temp. of $19.0 - 22.0$ °C & minimum temp. $2.0 - 5.0$ °C. Relative humidity may reach upto 94 % (maximum RH) & 27% (minimum RH). The average wind speed may be 3-5 km/ hr during next five days.

Name of the crop	Stage	Pest and disease infestation	Agro-meteorological advisories
Field Crops]	
Rapeseed/	Siliqua formation to		Top-dress with 32.5 kg Urea/ ha at 60 days after sowing.
mustard	maturity		- During flowering four bee boxes may be kept in one hectare crop
			area. Avoid spray of insecticides in such area.
		Aphid	- Use yellow plates for every 3 sq.m to attract the aphids or spray
		D 1(11	Pyrethrum @ 2ml/ litre of water on the infected patches.
		Downy Mildew	Spray Triademefon (Bayleton) 50 WP @ 10g/15litres of water (2-3 sprays) at 15 days interval as soon as the symptoms start appearing on the plants.
		Hairy caterpillar	- Spray Quinalphos or Chloropyriphos @ 2ml/litre of water on the infected patches only.
Pulses (Field pea/	Fruiting and maturity	Aphid	- Spray Cypermethrin @2ml/lit of water against aphid on the infected patches only.
Lentil)		Powdery Mildew	- Spray Bayleton (Triademefon 25%WP) @ 7.5 g/ pump or Dinocap (Karathane 46% EC) @ 7.5ml/ pump.
Pre-kharif Rice	Land Preparation		- Prepare 700 m ² area for raising pre-kharif rice nursery for
			transplanting in 1 ha land. Apply well decomposed FYM/ compost @ $1 \text{ t}/700 \text{ m}^2$ at final leveling.
			- Nursery bed should be well puddled and leveled to avoid uneven
			stagnation of water.
Rabi Maize	Vegetative		- Earthing-up of rabi maize sown intercropped with pea or potato may be done and apply irrigation at an interval of 10-15 days to maintain moisture status.
			- When the plant is knee high apply fertilizer @ 25 kg N/ha at the time of inter-culture operation.
Storage			- Dry, clean and store the seeds in RC-seed bins after proper drying
			of seeds and charcoal. Check for moisture content or weight of seeds.
			After proper drying, store grains/ seeds in well ventilated godowns.
Horticulture Crops		1	
Cucurbits	Sowing		- Continue raising of cucurbits like bitter gourd, bottle gourd, cucumber, sponge gourd, etc. in poly pouch under low cost
			polyhouse.
	Transplanting		- Transplant already raised 4-leaf stage seedlings under low cost
	Tanspianting		polyhouse. If transplanted in open field then mulching materials like
			paddy straw should be used to protect young plants from cold.
			- Light watering must be done for already transplanted seedlings
			during morning hours.

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Onion/ Garlic	Bulb formation		 -Light and frequent irrigation is required to keep the soil moist throughout the growing period/ vegetative phase. - If the bulb formation stage has started then it must be checked that the soil is not too dry also care should be taken that the neck portion should be above the ground level.
Animal Sciences			
Name of the animal	Growth stage	Disease/ infestation	Agro-meteorological advisories
Poultry	All susceptible age	Coccidiosis	Give Coximar @ 2g/lit of drinking water for 5-7 days.
	groups (as and when required)	Ranikhet disease	 F-1 Strain may be first administered within 7 days of age and second dose may be given at 30days for all birds. R₂B vaccine of 8-9 weeks of age group birds (layers). Killed ND virus vaccine of 16-18 weeks of age group birds (layers).
		Management	- Mix deactivated lime powder @ 2 kg per 100 sq. ft. area in litter material to prevent from caking.
Sheep/ Goat	Above 3 months of age (as and when required)	Contagious Caprine Pluero-pneumonia (CCPP) in goat	- Vaccinate against Contagious Caprine Pluero-pneumonia intra- dermally.
		Ectoparasite	Use Butox liq. @ 2ml/ 4 litres of water and wash the animal with the solution.
Pig	Above 3 months of	Swine Fever	- Vaccinate against swine fever after the age of 3 months.
	age (as and when	Skin infection	Give Ivermectin (Indectin tab.) @ 10mg/33kg body weight.
	required)	Deworming	- Deworm using Piperazine citrate @ 30 ml per adult animal once.
		Ticks	Add Butox liquid @ 2 ml/ lit of water and use the solution twice a week while brushing the animal.
Cattle / Buffalo/	Above 3 months of	Deworming	Deworm using TolzanF @ 100ml/300kg body weight.
Mithun	age (as and when	F.M.D.	- Vaccinate against F.M.D.
	required)	Ticks/ Wounds	Topicure spray may be used twice daily on the affected parts.
Fishery:		I	

 Fishery:

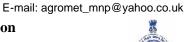
 Type of Farming
 Stage & Management
 Agro-metrological advisories

 Carp/ Catfish
 Stock maintenance
 - Stock fish for next season and for this practices mentioned below may be done in small scale.

 - Ponds should be free from unwanted vegetation and insects and water depth should be
 - maintenance

Cuthon	Tonds should be nee nom unwanted vegetation and insects and water depth should be
culture	maintained at 1.0 - 1.5 m.
	- Feeds should be provided 1-2 times a day @ 2-3% body weight per day.
	- Well balanced feed fortified with vitamins and minerals should be provided.
	- Apply Green AQ @ 4litre/ ha or lime @ 200kg/ ha. Maintain good quality of pond water.

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"Integrated Agromet Advisory Services"

MANIPUR BULLETIN 6th February, 2015

Bishnupur

Weather forecast for next five days of Bishnupur (7 th to 11 th February, 2015)
There may be no rain upto Wednesday. Sky will be mainly
clear to partly cloudy with maximum temp. of $23.0 - 25.0$
$^{\circ}$ C & minimum temp. 5.0 – 8.0 $^{\circ}$ C. Relative humidity may
reach upto 89 % (maximum RH) & 24 % (minimum RH).
The average wind speed may be 4-6 km/ hr during next
five days.

Name of the crop	Stage	Pest and disease infestation	Agro-meteorological advisories
Field Crops]	
Rapeseed/	Siliqua formation to		Top-dress with 32.5 kg Urea/ ha at 60 days after sowing.
mustard	maturity		- During flowering four bee boxes may be kept in one hectare crop area. Avoid spray of insecticides in such area.
		Aphid	- Use yellow plates for every 3 sq.m to attract the aphids or spray Pyrethrum @ 2ml/ litre of water on the infected patches.
		Downy Mildew	Spray Triademefon (Bayleton) 50 WP @ 10g/15litres of water (2-3 sprays) at 15 days interval as soon as the symptoms start appearing on the plants.
		Hairy caterpillar	- Spray Quinalphos or Chloropyriphos @ 2ml/litre of water on the infected patches only.
Pulses (Field pea/	Fruiting and maturity	Aphid	- Spray Cypermethrin @2ml/lit of water against aphid on the infected patches only.
Lentil)		Powdery Mildew	- Spray Bayleton (Triademefon 25%WP) @ 7.5 g/ pump or Dinocap (Karathane 46% EC) @ 7.5ml/ pump.
Pre-kharif Rice	Land Preparation		 Prepare 700 m² area for raising pre-kharif rice nursery for transplanting in 1 ha land. Apply well decomposed FYM/ compost @ 1 t/ 700 m² at final leveling. Nursery bed should be well puddled and leveled to avoid uneven
			stagnation of water.
Rabi Maize	Vegetative		- Earthing-up of rabi maize sown intercropped with pea or potato may be done and apply irrigation at an interval of 10-15 days to maintain moisture status.
			- When the plant is knee high apply fertilizer @ 25 kg N/ha at the time of inter-culture operation.
Storage			- Dry, clean and store the seeds in RC-seed bins after proper drying of seeds and charcoal. Check for moisture content or weight of seeds. After proper drying, store grains/ seeds in well ventilated godowns.
Horticulture Crops	<u>.</u>	J	
Cucurbits	Sowing		- Continue raising of cucurbits like bitter gourd, bottle gourd, cucumber, sponge gourd, etc. in poly pouch under low cost polyhouse.
	Transplanting		 Transplant already raised 4-leaf stage seedlings under low cost polyhouse. If transplanted in open field then mulching materials like paddy straw should be used to protect young plants from cold. Light watering must be done for already transplanted seedlings during morning hours.





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Onion/ Garl	ic	Bulb formation			 -Light and frequent irrigation is required to keep the soil moist throughout the growing period/ vegetative phase. - If the bulb formation stage has started then it must be checked that the soil is not too dry also care should be taken that the neck portion should be above the ground level.
Potato		Tuber formation maturity	to		 For seed purpose: Removal off-types and plants showing mottling, mosaic, crinkle, necrosis and leaf rolling may be followed twice during the growing season. Also, remove plants showing symptoms of purple top roll. Maturity days should be strictly maintained as per variety. Blight and leaf spot disease must be controlled by spraying Mancozeb @ 0.2% alternatively with Copper Oxichloride @ 0.3% or with Sixer.
Animal Sc		1			1
Name of the ar	nimal	Growth stage		Disease/ infestation	Agro-meteorological advisories
Poultry		All susceptible ag		Coccidiosis	Give Coximar @ 2g/lit of drinking water for 5-7 days.
		groups (as and when required)	en	Ranikhet disease	 F-1 Strain may be first administered within 7 days of age and second dose may be given at 30days for all birds. R₂B vaccine of 8-9 weeks of age group birds (layers). Killed ND virus vaccine of 16-18 weeks of age group birds (layers).
			-	Management	- Mix deactivated lime powder @ 2 kg per 100 sq. ft. area in litter material to prevent from caking.
Sheep/ Goat	t	Above 3 months of age (as and when required)		Contagious Caprine Pluero-pneumonia (CCPP) in goat	- Vaccinate against Contagious Caprine Pluero-pneumonia intra- dermally.
				Ectoparasite	Use Butox liq. @ 2ml/ 4 litres of water and wash the animal with the solution.
Pig		Above 3 months of	f	Swine Fever	- Vaccinate against swine fever after the age of 3 months.
		age (as and when		Skin infection	Give Ivermectin (Indectin tab.) @ 10mg/33kg body weight.
		required)	-	Deworming	- Deworm using Piperazine citrate @ 30 ml per adult animal once.
			-	Ticks	Add Butox liquid @ 2 ml/ lit of water and use the solution twice a week while brushing the animal.
Cattle / Buffa	ılo/	Above 3 months of		Deworming	Deworm using TolzanF @ 100ml/300kg body weight.
Mithun		age (as and when		F.M.D.	- Vaccinate against F.M.D.
		required)		Ticks/ Wounds	Topicure spray may be used twice daily on the affected parts.
Fishery:		1			·
Type of	Stage &		Agro	-metrological advisories	
Farming	Manager		C 4	alt figh for most as the	and for this provides mentioned helper merels density and
Carp/ Catfish culture	Stock maintenance		- Po		n and for this practices mentioned below may be done in small scale. n unwanted vegetation and insects and water depth should be
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Catfish	- Ponds should be free from unwanted vegetation and insects and water depth should be
culture	maintained at 1.0 - 1.5 m.
	- Feeds should be provided 1-2 times a day @ 2-3% body weight per day.
	- Well balanced feed fortified with vitamins and minerals should be provided.
	- Apply Green AQ @ 4litre/ ha or lime @ 200kg/ ha. Maintain good quality of pond water.