

"Gramin Krishi Mausam Seva"



E-mail: agromet_mnp@yahoo.co.uk

Date of issue: 30th October, 2018

MANIPUR AGROMET ADVISORY BULLETIN

District: Bishnupur

Significant past weather for the preceding bi-weekly of Imphal West (26 to 29 October, 2018)	Weather forecast for next five days of Bishnupur (31 Oct to 4 Nov, 2018)
Observed no rainfall with mainly clear to partly cloudy sky. Maximum temperature recorded	Likely to have light rains on Wednesday then no rains thereafter and mainly
ranged from 21.1 - 27.3 °C and minimum of 14.4 – 17.6 °C with mean relative humidity 88.3	clear to partly cloudy sky with maximum temp. 25-28 °C & minimum temp.
% max and 72.3 % min was recorded in the past four days & average wind speed was 1.6 -	17-18 °C. Relative humidity may reach upto 99 % (max) and 61 % (min). The
2.0 km/ hr.	average wind speed may be 0-4 km/hr.
Conorol Advisorios:	

General Advisories: * Likely to have no rains from 1st November, hence mature crops may be harvested, threshed and sundried to optimum moisture content of grain for storage.

* Planting of disease free quality seed material procured from reliable sources may be done with the available soil moisture. Treat seeds before sowing.

* Mulching may be done wherever possible to retain soil moisture for longer period.

Field Crops					
Name of the crop	Stage	Pest and dis	sease	Agro-meteorological advisories	
Rice	Harvest and post harv stage			Harvest mature crops. Stacking of the harvested panicles for 5-7 days and turning upside down the heap of panicles can be done. After proper threshing and cleaning, sundry before storage.	
Rapeseed/ mustard	Rapeseed/ mustard Sowing			- After harvesting rice, zero tillage rape seed may be sown when the field is slightly in muddy condition. Apply 65kg Urea + 188kg SSP + 50kg MOP as basal dose before sowing. Recommended variety – M-27. Seed rate is 10-12 kg/ ha. Treat seeds with Mancozeb @2g/kg seed for the control of white rust and Downey Mildew at seedling stage.	
Field pea	Land preparation to sowing			- Land preparation may be done. Sowing may be done at a spacing of 30cm X 10-15cm. Seed rate is 75 kg/ hectare.	
Seeds storage	Post-harvest management			 For seed purpose store the seeds in <i>RC-Seed Bin</i> after proper drying and cleaning of seeds along with dry charcoal at 80:20 w/w ratios. Check for moisture content or weight of charcoal and dry if required. Clean godowns and spray with 1% Malathion on the walls before storage; also ensure that it is well ventilated. Avoid fungal growth and pest rodent in store. 	
Horticulture Crops					
Name of the crop	Stage	Pest and dis	sease	Agro-meteorological advisories	
Garden pea	Sowing/ Land preparation			-Sowing of Garden pea may be done at a spacing of 10cm x 20cm. Before sowing, treat seeds with Rhizobium <i>leguminosarum</i> or follow soil inoculation with phosphorbacterium. Maintain the depth of sowing to 2-3cm. Avoid shade area while sowing.	
Potato	Planting to vegetative			- Planting of potato may be done at a spacing of 60cm x 15-20cm. Seed rate is 25-30 quintals/ hectare. Treat seed tubers with Sixer (Carbendazim + Mancozeb) @ 2 g/lit of water or Carbaryl 50 WP or Ridomil @ 2 gm/kg seed/ tubers for 20 minutes and let it dry in shed before planting.	
Cole crops	Vegetative (Mid-season var.) and nursery (late var.)			 Apply 50 kg urea in two splits dose after 20-40 days of transplanting for mid-season crops in vegetative stage. Monitor for insect pest infestation in nursery plot. 	
Citrus	Bearing trees	Trunk bore	r	 Kill the trunk borer grubs. Clean the bore holes of the infested trunk with iron wire. Insert a cotton swab soaked in Dichlorovos or inject 5 ml of Dichlorovos solution (2ml/lit of water) and paste the bore hole with mud. Apply lime (2-2.5 kg/tree) in a circular trench around the trunk in alternate year. 	
Brinjal	Fruiting to harvesting	:		For fruit and shoot borer of brinjal, spray Deltamethrin 12 % @ 7ml /15 litre of water after the harvesting mature fruits.	
Onion	Nursery raising			- Apply Sixer during final land preparation of nursery plot as preventive measures against soil borne diseases. For 25 sq m area we need ½ kg seeds. Treat seeds with T. <i>harzianum</i> . Check that the new sprouts/ young plants in nursery beds are not damaged.	
Animal Sciences					
Name of bird/ animal	Stage	Disease/ Management		Agro-meteorological advisories	
Poultry (Chicken/ Duck)	All age groups	Coccidiosis Deworming		Coccimar @ 2g/litre of drinking water for 5-7 days along with glucose. Ventrimizole @ 1g in 1 litre of drinking water for 3 days.	
Sheep/ Goat	All age groups	Deworming		re Ranizole suspension @ 3ml/ 10 kg body weight.	
		Fascioliosis	50ml	Tolzan-F @ 15ml orally/ kg b. wt. It must be associated with vitamins like Livozyme @ twice daily.	
Pig	All age groups except the young ones	Deworming		Morantel citrate tablet (Banminth) @15mg/ kg body weight. Butox liquid @ 2 ml/ lit of water twice a week while brushing the animal.	
Cattle	All age groups excepts the young	Vaccination Tick	Vacc	inate against B.Q., F.M.D. & H.S. if not yet vaccinated. Butox liquid @ 2ml/ litre water twice a week while brushing animals.	
	ones	Deworming		orm with Nilzan/ Tolzan-F @20-30ml for 100 kg body weight.	
Fisheries					
Carp culture	 Maintain water level at a depth of 1.0m to 1.5m. Ensure good quality water in fish culture ponds by liming. Depending upon the availability of water, partial harvesting of fishes may be done. 				



"Gramin Krishi Mausam Seva"



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Date of issue: 30th October, 2018

MANIPUR AGROMET ADVISORY BULLETIN

District: Chandel

Significant past weather for the preceding bi-weekly of Imphal West (26 to 29 October, 2018)	Weather forecast for next five days of Chandel (31 Oct to 4 Nov, 2018)
Observed no rainfall with mainly clear to partly cloudy sky. Maximum temperature recorded	Likely to have light rains on Wednesday then no rains thereafter and mainly
ranged from 21.1 - 27.3 °C and minimum of 14.4 – 17.6 °C with mean relative humidity 88.3	clear to partly cloudy sky with maximum temp. 25-29 °C & minimum temp.
% max and 72.3 % min was recorded in the past four days & average wind speed was $1.6 -$	17-18 °C. Relative humidity may reach upto 96 % (max) and 63 % (min). The
2.0 km/ hr.	average wind speed may be 2-3 km/hr.
Conoral Advisories:	

General Advisories:

* Likely to have no rains from 1st November, hence mature crops may be harvested, threshed and sundried to optimum moisture content of grain for storage.

- * Planting of disease free quality seed material procured from reliable sources may be done with the available soil moisture. Treat seeds before sowing.
- * Mulching may be done wherever possible to retain soil moisture for longer period.

Field Crops				
Name of the crop	Stage	Pest and di	sease	Agro-meteorological advisories
Rice	Harvest and post har stage	vest		 Harvest mature crops. Stacking of the harvested panicles for 5-7 days and turning upside down the heap of panicles can be done. After proper threshing and cleaning, sundry before storage.
Rapeseed/ mustard	Sowing			- After harvesting rice, zero tillage rape seed may be sown when the field is slightly in muddy condition. Apply 65kg Urea + 188kg SSP + 50kg MOP as basal dose before sowing. Recommended variety – M-27. Seed rate is 10-12 kg/ ha. Treat seeds with Mancozeb @2g/kg seed for the control of white rust and Downey Mildew at seedling stage.
Field pea	Land preparation to sowing			- Land preparation may be done. Sowing may be done at a spacing of 30cm X 10-15cm. Seed rate is 75 kg/ hectare.
Seeds storage	Post-harvest management			 For seed purpose store the seeds in <i>RC-Seed Bin</i> after proper drying and cleaning of seeds along with dry charcoal at 80:20 w/w ratios. Check for moisture content or weight of charcoal and dry if required. Clean godowns and spray with 1% Malathion on the walls before storage; also ensure that it is well ventilated. Avoid fungal growth and pest rodent in store.
Horticulture Crops				
Name of the crop	Stage	Pest and di	sease	Agro-meteorological advisories
Garden pea	Sowing/ Land preparation			-Sowing of Garden pea may be done at a spacing of 10cm x 20cm. Before sowing, treat seeds with Rhizobium <i>leguminosarum</i> or follow soil inoculation with phosphorbacterium. Maintain the depth of sowing to 2-3cm. Avoid shade area while sowing.
Potato	Planting to vegetative	•		- Planting of potato may be done at a spacing of 60cm x 15-20cm. Seed rate is 25-30 quintals/ hectare. Treat seed tubers with Sixer (Carbendazim + Mancozeb) @ 2 g/lit of water or Carbaryl 50 WP or Ridomil @ 2 gm/kg seed/ tubers for 20 minutes and let it dry in shed before planting.
Cole crops	Vegetative (Mid-season var.) and nursery (late var.)	1		 Apply 50 kg urea in two splits dose after 20-40 days of transplanting for mid-season crops in vegetative stage. Monitor for insect pest infestation in nursery plot.
Citrus	Bearing trees	Trunk bore	r	 Kill the trunk borer grubs. Clean the bore holes of the infested trunk with iron wire. Insert a cotton swab soaked in Dichlorovos or inject 5 ml of Dichlorovos solution (2ml/lit of water) and paste the bore hole with mud. Apply lime (2-2.5 kg/tree) in a circular trench around the trunk in alternate year.
Brinjal	Fruiting to harvesting	g		For fruit and shoot borer of brinjal, spray Deltamethrin 12 % @ 7ml /15 litre of water after the harvesting mature fruits.
Onion	Nursery raising			- Apply Sixer during final land preparation of nursery plot as preventive measures against soil borne diseases. For 25 sq m area we need ½ kg seeds. Treat seeds with T. <i>harzianum</i> . Check that the new sprouts/ young plants in nursery beds are not damaged.
Animal Sciences				
Name of bird/ animal	Stage	Disease/ Management		Agro-meteorological advisories
Poultry (Chicken/	Chicken/ All age groups Coccidiosis		Give	Coccimar @ 2g/litre of drinking water for 5-7 days along with glucose.
Duck)		Deworming	Use Y	Ventrimizole @ 1g in 1 litre of drinking water for 3 days.
Sheep/ Goat	All age groups	Deworming		ve Ranizole suspension @ 3ml/ 10 kg body weight.
		Fascioliosis	50ml	r Tolzan-F @ 15ml orally/ kg b. wt. It must be associated with vitamins like Livozyme @ I twice daily.
Pig	All age groups except the young ones	Deworming		Morantel citrate tablet (Banminth) @15mg/ kg body weight. Butox liquid @ 2 ml/ lit of water twice a week while brushing the animal.
Cattle	All age groups	Vaccination	Vacc	cinate against B.Q., F.M.D. & H.S. if not yet vaccinated.
	excepts the young	Tick		Butox liquid @ 2ml/ litre water twice a week while brushing animals.
774 A	ones	Deworming	De-w	vorm with Nilzan/ Tolzan-F @20-30ml for 100 kg body weight.
Fisheries				
Carp culture				Ensure good quality water in fish culture ponds by liming. I harvesting of fishes may be done.

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

"Gramin Krishi Mausam Seva"

MANIPUR AGROMET ADVISORY BULLETIN

District: (Churacl	hand	bur
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Significant past weather for the preceding bi-weekly of Imphal West (26 to 29 October, 2018)	Weather forecast for next five days of Churachandpur (31 Oct to 4 Nov, 2018)
Observed no rainfall with mainly clear to partly cloudy sky. Maximum temperature recorded	Likely to have light rains on Wednesday then no rains thereafter and mainly
ranged from 21.1 - 27.3 °C and minimum of 14.4 – 17.6 °C with mean relative humidity 88.3	clear to partly cloudy sky with maximum temp. 25-29 °C & minimum temp.
% max and 72.3 % min was recorded in the past four days & average wind speed was 1.6 -	18-19 °C. Relative humidity may reach upto 98 % (max) and 53 % (min). The
2.0 km/ hr.	average wind speed may be 3-4 km/hr.

General Advisories:

* Likely to have no rains from 1st November, hence mature crops may be harvested, threshed and sundried to optimum moisture content of grain for storage.

- * Planting of disease free quality seed material procured from reliable sources may be done with the available soil moisture. Treat seeds before sowing.
- * Mulching may be done wherever possible to retain soil moisture for longer period.

* Light watering to the nursery may be done if fog or frost is observed during morning hours.

Field Crops					
Name of the crop	Stage	Pest and di	sease	Agro-meteorological advisories	
Rice	Harvest and post har stage	vest		 Harvest mature crops. Stacking of the harvested panicles for 5-7 days and turning upside down the heap of panicles can be done. After proper threshing and cleaning, sundry before storage. 	
Rapeseed/ mustard Sowing				- After harvesting rice, zero tillage rape seed may be sown when the field is slightly in muddy condition. Apply 65kg Urea + 188kg SSP + 50kg MOP as basal dose before sowing. Recommended variety – M-27. Seed rate is 10-12 kg/ ha. Treat seeds with Mancozeb @2g/kg seed for the control of white rust and Downey Mildew at seedling stage.	
Field pea	Land preparation to sowing			- Land preparation may be done. Sowing may be done at a spacing of 30cm X 10-15cm. Seed rate is 75 kg/ hectare.	
Seeds storage	Post-harvest management			 For seed purpose store the seeds in <i>RC-Seed Bin</i> after proper drying and cleaning of seeds along with dry charcoal at 80:20 w/w ratios. Check for moisture content or weight of charcoal and dry if required. Clean godowns and spray with 1% Malathion on the walls before storage; also ensure that it is well ventilated. Avoid fungal growth and pest rodent in store. 	
Horticulture Crops					
Name of the crop	Stage	Pest and di	sease	Agro-meteorological advisories	
Garden pea	Sowing/ Land preparation			-Sowing of Garden pea may be done at a spacing of 10cm x 20cm. Before sowing, treat seeds with Rhizobium <i>leguminosarum</i> or follow soil inoculation with phosphorbacterium. Maintain the depth of sowing to 2-3cm. Avoid shade area while sowing.	
Potato	Planting to vegetative	•		- Planting of potato may be done at a spacing of 60cm x 15-20cm. Seed rate is 25-30 quintals/ hectare. Treat seed tubers with Sixer (Carbendazim + Mancozeb) @ 2 g/lit of water or Carbaryl 50 WP or Ridomil @ 2 gm/kg seed/ tubers for 20 minutes and let it dry in shed before planting.	
Cole crops	Vegetative (Mid-season var.) and nursery (late var.)	1		 Apply 50 kg urea in two splits dose after 20-40 days of transplanting for mid-season crops in vegetative stage. Monitor for insect pest infestation in nursery plot. 	
Citrus	Bearing trees	Trunk bore	r	 Kill the trunk borer grubs. Clean the bore holes of the infested trunk with iron wire. Insert a cotton swab soaked in Dichlorovos or inject 5 ml of Dichlorovos solution (2ml/lit of water) and paste the bore hole with mud. Apply lime (2-2.5 kg/tree) in a circular trench around the trunk in alternate year. 	
Brinjal	Fruiting to harvesting	3		For fruit and shoot borer of brinjal, spray <i>Deltamethrin 12 % @ 7ml /15 litre of water</i> after the harvesting mature fruits.	
Onion	Nursery raising			- Apply Sixer during final land preparation of nursery plot as preventive measures against soil borne diseases. For 25 sq m area we need ½ kg seeds. Treat seeds with T. <i>harzianum</i> . Check that the new sprouts/ young plants in nursery beds are not damaged.	
Animal Sciences					
Name of bird/ animal	Stage	Disease/ Management		Agro-meteorological advisories	
Poultry (Chicken/ Duck)	All age groups	Coccidiosis		Coccimar @ 2g/litre of drinking water for 5-7 days along with glucose.	
		Deworming		Ventrimizole @ 1g in 1 litre of drinking water for 3 days.	
Sheep/ Goat	All age groups	Deworming		re Ranizole suspension @ 3ml/ 10 kg body weight.	
		Fascioliosis	50m	Tolzan-F @ 15ml orally/ kg b. wt. It must be associated with vitamins like Livozyme @ twice daily.	
Pig	All age groups except the young ones	Deworming		Morantel citrate tablet (Banminth) @15mg/ kg body weight. Butox liquid @ 2 ml/ lit of water twice a week while brushing the animal.	
Cattle	All age groups	Vaccination		cinate against B.Q., F.M.D. & H.S. if not yet vaccinated.	
	excepts the young	Tick		Butox liquid @ 2ml/ litre water twice a week while brushing animals.	
	ones	Deworming	De-w	vorm with Nilzan/ Tolzan-F @20-30ml for 100 kg body weight.	
Fisheries					
Carp culture			epth of 1.0m to 1.5m. Ensure good quality water in fish culture ponds by liming. bility of water, partial harvesting of fishes may be done.		







Date of issue: 30th October, 2018



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MANIPUR AGROMET ADVISORY BULLETIN

District: Imphal East

Significant past weather for the preceding bi-weekly of Imphal West (26 to 29 Octobe	r, 2018) Weather forecast for next five days of Imphal East (31 Oct to 4 Nov, 2018)
Observed no rainfall with mainly clear to partly cloudy sky. Maximum temperature re	corded Likely to have light rains on Wednesday then no rains thereafter and mainly
ranged from 21.1 - 27.3 °C and minimum of 14.4 - 17.6 °C with mean relative humid	ity 88.3 clear to partly cloudy sky with maximum temp. 26-28 °C & minimum temp.
% max and 72.3 % min was recorded in the past four days & average wind speed was	1.6 – 17-18 °C. Relative humidity may reach upto 95 % (max) and 57 % (min). The
2.0 km/ hr.	average wind speed may be 3-5 km/hr.
Conoral Advisorios	

General Advisories: * Likely to have no rains from 1st November, hence mature crops may be harvested, threshed and sundried to optimum moisture content of grain for storage.

* Planting of disease free quality seed material procured from reliable sources may be done with the available soil moisture. Treat seeds before sowing.

* Mulching may be done wherever possible to retain soil moisture for longer period.

Field Crops				
Name of the crop	Stage	Pest and d	isease	Agro-meteorological advisories
Rice	Harvest and post har stage	vest		 Harvest mature crops. Stacking of the harvested panicles for 5-7 days and turning upside down the heap of panicles can be done. After proper threshing and cleaning, sundry before storage.
Rapeseed/ mustard	Sowing			- After harvesting rice, zero tillage rape seed may be sown when the field is slightly in muddy condition. Apply 65kg Urea + 188kg SSP + 50kg MOP as basal dose before sowing. Recommended variety – M-27. Seed rate is 10-12 kg/ ha. Treat seeds with Mancozeb @2g/kg seed for the control of white rust and Downey Mildew at seedling stage.
Field pea	Land preparation to sowing			- Land preparation may be done. Sowing may be done at a spacing of 30cm X 10-15cm. Seed rate is 75 kg/ hectare.
Seeds storage	Post-harvest management			 For seed purpose store the seeds in <i>RC-Seed Bin</i> after proper drying and cleaning of seeds along with dry charcoal at 80:20 w/w ratios. Check for moisture content or weight of charcoal and dry if required. Clean godowns and spray with 1% Malathion on the walls before storage; also ensure that it is well ventilated. Avoid fungal growth and pest rodent in store.
Horticulture Crops				
Name of the crop	Stage	Pest and d	isease	Agro-meteorological advisories
Garden pea	Sowing/ Land preparation			-Sowing of Garden pea may be done at a spacing of 10cm x 20cm. Before sowing, treat seeds with Rhizobium <i>leguminosarum</i> or follow soil inoculation with phosphorbacterium. Maintain the depth of sowing to 2-3cm. Avoid shade area while sowing.
Potato	Planting to vegetative			- Planting of potato may be done at a spacing of 60cm x 15-20cm. Seed rate is 25-30 quintals/ hectare. Treat seed tubers with Sixer (Carbendazim + Mancozeb) @ 2 g/lit of water or Carbaryl 50 WP or Ridomil @ 2 gm/kg seed/ tubers for 20 minutes and let it dry in shed before planting.
Cole crops	Vegetative (Mid-season var.) and nursery (late var.)	1		 Apply 50 kg urea in two splits dose after 20-40 days of transplanting for mid-season crops in vegetative stage. Monitor for insect pest infestation in nursery plot.
Citrus	Bearing trees	Trunk bore	er	 Kill the trunk borer grubs. Clean the bore holes of the infested trunk with iron wire. Insert a cotton swab soaked in Dichlorovos or inject 5 ml of Dichlorovos solution (2ml/lit of water) and paste the bore hole with mud. Apply lime (2-2.5 kg/tree) in a circular trench around the trunk in alternate year.
Brinjal	Fruiting to harvesting	3		For fruit and shoot borer of brinjal, spray Deltamethrin 12 % @ 7ml /15 litre of water after the harvesting mature fruits.
Onion	Nursery raising			- Apply Sixer during final land preparation of nursery plot as preventive measures against soil borne diseases. For 25 sq m area we need ½ kg seeds. Treat seeds with T. <i>harzianum</i> . Check that the new sprouts/ young plants in nursery beds are not damaged.
Animal Sciences				har summin check that the new sprouss young plants in harsery beas are not duringed
Name of bird/ animal	Stage	Disease/ Management		Agro-meteorological advisories
Poultry (Chicken/	All age groups	Coccidiosis	Give	Coccimar @ 2g/litre of drinking water for 5-7 days along with glucose.
Duck)		Deworming	Use	Ventrimizole @ 1g in 1 litre of drinking water for 3 days.
Sheep/ Goat	All age groups	Deworming		ve Ranizole suspension @ 3ml/ 10 kg body weight.
		Fascioliosis	50m	Tolzan-F $@$ 15ml orally/ kg b. wt. It must be associated with vitamins like Livozyme $@$ l twice daily.
Pig	All age groups except the young ones	Deworming		e Morantel citrate tablet (Banminth) @15mg/ kg body weight. Butox liquid @ 2 ml/ lit of water twice a week while brushing the animal.
Cattle	All age groups	Vaccination		cinate against B.Q., F.M.D. & H.S. if not yet vaccinated.
	excepts the young	Tick		Butox liquid @ 2ml/ litre water twice a week while brushing animals.
	ones	Deworming	De-w	vorm with Nilzan/ Tolzan-F @20-30ml for 100 kg body weight.
Fisheries				X X X X X X X X X X
Carp culture				Ensure good quality water in fish culture ponds by liming. l harvesting of fishes may be done.



"Gramin Krishi Mausam Seva"



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Date of issue: 30th October, 2018

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District: Imphal West

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% max and 72.3 % min was recorded in the past four days & average wind speed was $1.6 -$	18-19 °C. Relative humidity may reach upto 94 % (max) and 44 % (min). The
2.0 km/ hr.	average wind speed may be 4 km/hr.
Compared Advisories	

General Advisories: * Likely to have no rains from 1st November, hence mature crops may be harvested, threshed and sundried to optimum moisture content of grain for storage.

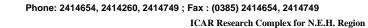
* Planting of disease free quality seed material procured from reliable sources may be done with the available soil moisture. Treat seeds before sowing.

* Mulching may be done wherever possible to retain soil moisture for longer period.

* Light watering to the nursery may be done if fog or frost is observed during morning hours.

Field Crops				
Name of the crop	Stage	Pest and di	isease	Agro-meteorological advisories
Rice	Harvest and post har stage	vest		 Harvest mature crops. Stacking of the harvested panicles for 5-7 days and turning upside down the heap of panicles can be done. After proper threshing and cleaning, sundry before storage.
Rapeseed/ mustard	Rapeseed/ mustard Sowing			- After harvesting rice, zero tillage rape seed may be sown when the field is slightly in muddy condition. Apply 65kg Urea + 188kg SSP + 50kg MOP as basal dose before sowing. Recommended variety – M-27. Seed rate is 10-12 kg/ ha. Treat seeds with Mancozeb @2g/kg seed for the control of white rust and Downey Mildew at seedling stage.
Field pea	Land preparation to sowing			- Land preparation may be done. Sowing may be done at a spacing of 30cm X 10-15cm. Seed rate is 75 kg/ hectare.
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Horticulture Crops				
Name of the crop	Stage	Pest and di	isease	Agro-meteorological advisories
Garden pea	Sowing/ Land preparation			-Sowing of Garden pea may be done at a spacing of 10cm x 20cm. Before sowing, treat seeds with Rhizobium <i>leguminosarum</i> or follow soil inoculation with phosphorbacterium. Maintain the depth of sowing to 2-3cm. Avoid shade area while sowing.
Potato	Planting to vegetative			- Planting of potato may be done at a spacing of 60cm x 15-20cm. Seed rate is 25-30 quintals/ hectare. Treat seed tubers with Sixer (Carbendazim + Mancozeb) @ 2 g/lit of water or Carbaryl 50 WP or Ridomil @ 2 gm/kg seed/ tubers for 20 minutes and let it dry in shed before planting.
Cole crops	Vegetative (Mid-season var.) and nursery (late var.)	1		 Apply 50 kg urea in two splits dose after 20-40 days of transplanting for mid-season crops in vegetative stage. Monitor for insect pest infestation in nursery plot.
Citrus	Bearing trees	Trunk bore	r	 Kill the trunk borer grubs. Clean the bore holes of the infested trunk with iron wire. Insert a cotton swab soaked in Dichlorovos or inject 5 ml of Dichlorovos solution (2ml/lit of water) and paste the bore hole with mud. Apply lime (2-2.5 kg/tree) in a circular trench around the trunk in alternate year.
Brinjal	Fruiting to harvesting	5		For fruit and shoot borer of brinjal, spray Deltamethrin 12 % @ 7ml /15 litre of water after the harvesting mature fruits.
Onion	Nursery raising			- Apply Sixer during final land preparation of nursery plot as preventive measures against soil borne diseases. For 25 sq m area we need ½ kg seeds. Treat seeds with T. <i>harzianum</i> . Check that the new sprouts/ young plants in nursery beds are not damaged.
Animal Sciences				
Name of bird/ animal	Stage	Disease/ Management		Agro-meteorological advisories
Poultry (Chicken/	All age groups	Coccidiosis		Coccimar @ 2g/litre of drinking water for 5-7 days along with glucose.
Duck)		Deworming	Use V	Ventrimizole @ 1g in 1 litre of drinking water for 3 days.
Sheep/ Goat	All age groups	Deworming		ve Ranizole suspension @ 3ml/ 10 kg body weight.
		Fascioliosis		Tolzan-F @ 15ml orally/ kg b. wt. It must be associated with vitamins like Livozyme @ l twice daily.
Pig	All age groups except the young ones	Deworming		Morantel citrate tablet (Banminth) @15mg/ kg body weight. Butox liquid @ 2 ml/ lit of water twice a week while brushing the animal.
Cattle	All age groups	Vaccination		inate against B.Q., F.M.D. & H.S. if not yet vaccinated.
	excepts the young	Tick		Butox liquid @ 2ml/ litre water twice a week while brushing animals.
Distantian	ones	Deworming	De-w	vorm with Nilzan/ Tolzan-F @20-30ml for 100 kg body weight.
Fisheries Carp culture - Maintain water level at a depth of 1.0m to 1.5m. Ensure good quality water in fish culture ponds by liming.				
Carp culture		-		Ensure good quality water in fish culture ponds by liming. I harvesting of fishes may be done.

(I. Meghachandra Singh) Nodal Officer, GKMS





"Gramin Krishi Mausam Seva"



E-mail: agromet_mnp@yahoo.co.uk

Date of issue: 30th October, 2018

MANIPUR AGROMET ADVISORY BULLETIN

District: Senapati

Significant past weather for the preceding bi-weekly of Imphal West (26 to 29 October, 2018)	Weather forecast for next five days of Senapati (31 Oct to 4 Nov, 2018)
Observed no rainfall with mainly clear to partly cloudy sky. Maximum temperature recorded	Likely to have light rains on Wednesday then no rains thereafter and mainly
ranged from 21.1 - 27.3 °C and minimum of 14.4 – 17.6 °C with mean relative humidity 88.3	clear to partly cloudy sky with maximum temp. 24 °C & minimum temp. 14
% max and 72.3 % min was recorded in the past four days & average wind speed was 1.6 -	°C. Relative humidity may reach upto 97 % (max) and 59 % (min). The
2.0 km/ hr.	average wind speed may be 2-3 km/hr.
Compared A designation	

General Advisories: * Likely to have no rains from 1st November, hence mature crops may be harvested, threshed and sundried to optimum moisture content of grain for storage.

- * Planting of disease free quality seed material procured from reliable sources may be done with the available soil moisture. Treat seeds before sowing.
- * Mulching may be done wherever possible to retain soil moisture for longer period.

Field Crops							
Name of the crop	Stage		Pest and dis	ease	Agro-meteorological advisories		
Rice	Harvest and post har	vest	st		- Harvest mature crops.		
	stage				- Stacking of the harvested panicles for 5-7 days and turning upside down the heap of		
					panicles can be done. After proper threshing and cleaning, sundry before storage.		
Rapeseed/ mustard	Sowing				- After harvesting rice, zero tillage rape seed may be sown when the field is slightly in		
					muddy condition. Apply 65kg Urea + 188kg SSP + 50kg MOP as basal dose before sowing. Recommended variety - M-27. Seed rate is 10-12 kg/ ha. Treat seeds with		
					Mancozeb @2g/kg seed for the control of white rust and Downey Mildew at seedling		
					stage.		
Field pea	Land preparation to				- Land preparation may be done. Sowing may be done at a spacing of 30cm X 10-15cm.		
- Ioia pou	sowing				Seed rate is 75 kg/ hectare.		
Seeds storage	Post-harvest				- For seed purpose store the seeds in RC-Seed Bin after proper drying and cleaning of		
0	management				seeds along with dry charcoal at 80:20 w/w ratios. Check for moisture content or weight		
					of charcoal and dry if required.		
					- Clean godowns and spray with 1% Malathion on the walls before storage; also ensure		
					that it is well ventilated. Avoid fungal growth and pest rodent in store.		
Horticulture Crops							
Name of the crop	Stage		Pest and dis	ease	Agro-meteorological advisories		
Cole crops	Vegetative				- Apply 50 kg urea in two splits dose after 20-40 days of transplanting for mid-season		
	(Mid-season var.) and			crops in vegetative stage.			
Citrus	nursery (late var.) Bearing trees		Trunk borer		 Monitor for insect pest infestation in nursery plot. Kill the trunk borer grubs. Clean the bore holes of the infested trunk with iron wire. 		
Citrus	bearing trees		I runk borer		Insert a cotton swab soaked in Dichlorovos or inject 5 ml of Dichlorovos solution		
					(2ml/lit of water) and paste the bore hole with mud.		
					- Apply lime (2-2.5 kg/tree) in a circular trench around the trunk in alternate year.		
Brinjal	Fruiting to harvestin	g			For fruit and shoot borer of brinjal, spray Deltamethrin 12 % @ 7ml /15 litre of water		
0		8			after the harvesting mature fruits.		
Animal Sciences	•						
Name of bird/ animal	Stage	I	Disease/		Agro-meteorological advisories		
			nagement				
Poultry (Chicken/	All age groups	Cocci	idiosis	Give	Coccimar @ 2g/litre of drinking water for 5-7 days along with glucose.		
Duck)		Dewo	orming	Use V	Ventrimizole @ 1g in 1 litre of drinking water for 3 days.		
Sheep/ Goat	All age groups	Dewo	Deworming - G		e Ranizole suspension @ 3ml/ 10 kg body weight.		
Sheep/ Gout	in uge groups		scioliosis Give				
		Fasci			Tolzan-F @ 15ml orally/ kg b. wt. It must be associated with vitamins like Livozyme @		
Pig	All age groups except	Dowo			twice daily. Morantel citrate tablet (Banminth) @15mg/ kg body weight.		
1 Ig	the young ones	Dewo			Butox liquid @ 2 ml/ lit of water twice a week while brushing the animal.		
Cattle	All age groups	Vacci			inate against B.O., F.M.D. & H.S. if not vet vaccinated.		
Cuttit	excepts the young	Tick	ck Use B		Butox liquid @ 2ml/ litre water twice a week while brushing animals.		
	ones				orm with Nilzan/ Tolzan-F @20-30ml for 100 kg body weight.		
Fisheries							
Carp culture	- Maintain water level a	at a den	oth of 1.0m to	1.5m. l	Ensure good quality water in fish culture ponds by liming.		
					harvesting of fishes may be done.		



"Gramin Krishi Mausam Seva"



E-mail: agromet_mnp@yahoo.co.uk

Date of issue: 30th October, 2018

MANIPUR AGROMET ADVISORY BULLETIN

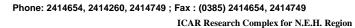
District: Tamenglong

Significant past weather for the preceding bi-weekly of Imphal West (26 to 29 October, 2018)	Weather forecast for next five days of Tamenglong (31 Oct to 4 Nov, 2018)
Observed no rainfall with mainly clear to partly cloudy sky. Maximum temperature recorded	Likely to have light rains on Wednesday then no rains thereafter and mainly
ranged from 21.1 - 27.3 °C and minimum of 14.4 – 17.6 °C with mean relative humidity 88.3	clear to partly cloudy sky with maximum temp. 24 °C & minimum temp. 14
% max and 72.3 % min was recorded in the past four days & average wind speed was 1.6 -	°C. Relative humidity may reach upto 95 % (max) and 51 % (min). The
2.0 km/ hr.	average wind speed may be 3-4 km/hr.
Compared A designation	

General Advisories: * Likely to have no rains from 1st November, hence mature crops may be harvested, threshed and sundried to optimum moisture content of grain for storage.

- * Planting of disease free quality seed material procured from reliable sources may be done with the available soil moisture. Treat seeds before sowing.
- * Mulching may be done wherever possible to retain soil moisture for longer period.

Field Crops						
Name of the crop	Stage	Pest and d	isease	Agro-meteorological advisories		
Rice	Harvest and post har stage	vest		 Harvest mature crops. Stacking of the harvested panicles for 5-7 days and turning upside down the heap of panicles can be done. After proper threshing and cleaning, sundry before storage. 		
Rapeseed/ mustard	Sowing			- After harvesting rice, zero tillage rape seed may be sown when the field is slightly in muddy condition. Apply 65kg Urea + 188kg SSP + 50kg MOP as basal dose before sowing. Recommended variety – M-27. Seed rate is 10-12 kg/ ha. Treat seeds with Mancozeb @2g/kg seed for the control of white rust and Downey Mildew at seedling stage.		
Field pea	Land preparation to sowing			- Land preparation may be done. Sowing may be done at a spacing of 30cm X 10-15cm. Seed rate is 75 kg/ hectare.		
Seeds storage	Post-harvest management			 For seed purpose store the seeds in <i>RC-Seed Bin</i> after proper drying and cleaning of seeds along with dry charcoal at 80:20 w/w ratios. Check for moisture content or weight of charcoal and dry if required. Clean godowns and spray with 1% Malathion on the walls before storage; also ensure that it is well ventilated. Avoid fungal growth and pest rodent in store. 		
Horticulture Crops						
Name of the crop	Stage	Pest and d	isease	Agro-meteorological advisories		
Garden pea	Sowing/ Land preparation			-Sowing of Garden pea may be done at a spacing of 10cm x 20cm. Before sowing, treat seeds with Rhizobium <i>leguminosarum</i> or follow soil inoculation with phosphorbacterium. Maintain the depth of sowing to 2-3cm. Avoid shade area while sowing.		
Potato	Planting to vegetative			- Planting of potato may be done at a spacing of 60cm x 15-20cm. Seed rate is 25-30 quintals/ hectare. Treat seed tubers with Sixer (Carbendazim + Mancozeb) @ 2 g/lit of water or Carbaryl 50 WP or Ridomil @ 2 gm/kg seed/ tubers for 20 minutes and let it dry in shed before planting.		
Cole crops	Vegetative (Mid-season var.) and nursery (late var.)	1		 Apply 50 kg urea in two splits dose after 20-40 days of transplanting for mid-season crops in vegetative stage. Monitor for insect pest infestation in nursery plot. 		
Citrus	Bearing trees	Trunk bore	er	 Kill the trunk borer grubs. Clean the bore holes of the infested trunk with iron wire. Insert a cotton swab soaked in Dichlorovos or inject 5 ml of Dichlorovos solution (2ml/lit of water) and paste the bore hole with mud. Apply lime (2-2.5 kg/tree) in a circular trench around the trunk in alternate year. 		
Brinjal	Fruiting to harvesting	3		For fruit and shoot borer of brinjal, spray Deltamethrin 12 % @ 7ml /15 litre of water after the harvesting mature fruits.		
Onion	Nursery raising			- Apply Sixer during final land preparation of nursery plot as preventive measures against soil borne diseases. For 25 sq m area we need ½ kg seeds. Treat seeds with T. <i>harzianum</i> . Check that the new sprouts/ young plants in nursery beds are not damaged.		
Animal Sciences						
Name of bird/ animal	Stage	Disease/ Management		Agro-meteorological advisories		
Poultry (Chicken/	All age groups	Coccidiosis	Give	Coccimar @ 2g/litre of drinking water for 5-7 days along with glucose.		
Duck)		Deworming	Use	Ventrimizole @ 1g in 1 litre of drinking water for 3 days.		
Sheep/ Goat	All age groups	Deworming		ve Ranizole suspension @ 3ml/ 10 kg body weight.		
		Fascioliosis		Give Tolzan-F @ 15ml orally/ kg b. wt. It must be associated with vitamins like Livozyme @		
Pig	All age groups except the young ones	Deworming		e Morantel citrate tablet (Banminth) @15mg/ kg body weight. Butox liquid @ 2 ml/ lit of water twice a week while brushing the animal.		
Cattle	All age groups excepts the young	Vaccination Tick	Vaco	cinate against B.Q., F.M.D. & H.S. if not yet vaccinated. Butox liquid @ 2ml/ litre water twice a week while brushing animals.		
	ones	Deworming		vorm with Nilzan/ Tolzan-F @20-30ml for 100 kg body weight.		
Fisheries						
Carp culture				Ensure good quality water in fish culture ponds by liming. I harvesting of fishes may be done.		





"Gramin Krishi Mausam Seva"



E-mail: agromet_mnp@yahoo.co.uk

Date of issue: 30th October, 2018

MANIPUR AGROMET ADVISORY BULLETIN

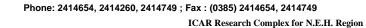
District: Thoubal

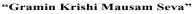
Significant past weather for the preceding bi-weekly of Imphal West (26 to 29 October, 2018)	Weather forecast for next five days of Thoubal (31 Oct to 4 Nov, 2018)
Observed no rainfall with mainly clear to partly cloudy sky. Maximum temperature recorded	Likely to have light rains on Wednesday then no rains thereafter and mainly
ranged from 21.1 - 27.3 °C and minimum of 14.4 – 17.6 °C with mean relative humidity 88.3	clear to partly cloudy sky with maximum temp. 25-29 °C & minimum temp.
% max and 72.3 % min was recorded in the past four days & average wind speed was 1.6 -	17-18 °C. Relative humidity may reach upto 98 % (max) and 65 % (min). The
2.0 km/ hr.	average wind speed may be 2-3 km/hr.
Caparal Advisorios:	

General Advisories: * Likely to have no rains from 1st November, hence mature crops may be harvested, threshed and sundried to optimum moisture content of grain for storage.

- * Planting of disease free quality seed material procured from reliable sources may be done with the available soil moisture. Treat seeds before sowing.
- * Mulching may be done wherever possible to retain soil moisture for longer period.

Field Crops				
Name of the crop	Stage	Pest and di	sease	Agro-meteorological advisories
Rice	Harvest and post har stage	vest		 Harvest mature crops. Stacking of the harvested panicles for 5-7 days and turning upside down the heap of panicles can be done. After proper threshing and cleaning, sundry before storage.
Rapeseed/ mustard	Sowing			- After harvesting rice, zero tillage rape seed may be sown when the field is slightly in muddy condition. Apply 65kg Urea + 188kg SSP + 50kg MOP as basal dose before sowing. Recommended variety – M-27. Seed rate is 10-12 kg/ ha. Treat seeds with Mancozeb @2g/kg seed for the control of white rust and Downey Mildew at seedling stage.
Field pea	Land preparation to sowing			- Land preparation may be done. Sowing may be done at a spacing of 30cm X 10-15cm. Seed rate is 75 kg/ hectare.
Seeds storage	Post-harvest management			 For seed purpose store the seeds in <i>RC-Seed Bin</i> after proper drying and cleaning of seeds along with dry charcoal at 80:20 w/w ratios. Check for moisture content or weight of charcoal and dry if required. Clean godowns and spray with 1% Malathion on the walls before storage; also ensure that it is well ventilated. Avoid fungal growth and pest rodent in store.
Horticulture Crops				
Name of the crop	Stage	Pest and di	sease	Agro-meteorological advisories
Garden pea	Sowing/ Land preparation			-Sowing of Garden pea may be done at a spacing of 10cm x 20cm. Before sowing, treat seeds with Rhizobium <i>leguminosarum</i> or follow soil inoculation with phosphorbacterium. Maintain the depth of sowing to 2-3cm. Avoid shade area while sowing.
Potato	Planting to vegetative	•		- Planting of potato may be done at a spacing of 60cm x 15-20cm. Seed rate is 25-30 quintals/ hectare. Treat seed tubers with Sixer (Carbendazim + Mancozeb) @ 2 g/lit of water or Carbaryl 50 WP or Ridomil @ 2 gm/kg seed/ tubers for 20 minutes and let it dry in shed before planting.
Cole crops	Vegetative (Mid-season var.) and nursery (late var.)	1		 Apply 50 kg urea in two splits dose after 20-40 days of transplanting for mid-season crops in vegetative stage. Monitor for insect pest infestation in nursery plot.
Citrus	Bearing trees	Trunk bore	r	 Kill the trunk borer grubs. Clean the bore holes of the infested trunk with iron wire. Insert a cotton swab soaked in Dichlorovos or inject 5 ml of Dichlorovos solution (2ml/lit of water) and paste the bore hole with mud. Apply lime (2-2.5 kg/tree) in a circular trench around the trunk in alternate year.
Brinjal	Fruiting to harvesting	g		For fruit and shoot borer of brinjal, spray Deltamethrin 12 % @ 7ml /15 litre of water after the harvesting mature fruits.
Onion	Nursery raising			- Apply Sixer during final land preparation of nursery plot as preventive measures against soil borne diseases. For 25 sq m area we need ½ kg seeds. Treat seeds with T. <i>harzianum</i> . Check that the new sprouts/ young plants in nursery beds are not damaged.
Animal Sciences				
Name of bird/ animal	Stage	Disease/ Management		Agro-meteorological advisories
Poultry (Chicken/	All age groups	Coccidiosis	Give	Coccimar @ 2g/litre of drinking water for 5-7 days along with glucose.
Duck)		Deworming	Use Y	Ventrimizole @ 1g in 1 litre of drinking water for 3 days.
Sheep/ Goat	All age groups	Deworming		ve Ranizole suspension @ 3ml/ 10 kg body weight.
		Fascioliosis	50ml	r Tolzan-F @ 15ml orally/ kg b. wt. It must be associated with vitamins like Livozyme @ I twice daily.
Pig	All age groups except the young ones	Deworming		Morantel citrate tablet (Banminth) @15mg/ kg body weight. Butox liquid @ 2 ml/ lit of water twice a week while brushing the animal.
Cattle	All age groups	Vaccination		cinate against B.Q., F.M.D. & H.S. if not yet vaccinated.
	excepts the young	Tick		Butox liquid @ 2ml/ litre water twice a week while brushing animals.
	ones	Deworming	De-w	vorm with Nilzan/ Tolzan-F @20-30ml for 100 kg body weight.
Fisheries				
Carp culture				Ensure good quality water in fish culture ponds by liming. I harvesting of fishes may be done.







MANIPUR AGROMET ADVISORY BULLETIN

District: Ukhrul

Significant past weather for the preceding bi-weekly of Imphal West (26 to 29 October, 2018) Observed no rainfall with mainly clear to partly cloudy sky. Maximum temperature recorded ranged from 21.1 - 27.3 °C and minimum of 14.4 – 17.6 °C with mean relative humidity 88.3	Weather forecast for next five days of Ukhrul (31 Oct to 4 Nov, 2018) Likely to have light rains on Wednesday then no rains thereafter and mainly clear to partly cloudy sky with maximum temp. 24 °C & minimum temp. 14
% max and 72.3 % min was recorded in the past four days & average wind speed was $1.6 -$	°C. Relative humidity may reach upto 95 % (max) and 61 % (min). The
2.0 km/ hr.	average wind speed may be 2-3 km/hr.
Conoral Advisories	

General Advisories:

* Likely to have no rains from 1st November, hence mature crops may be harvested, threshed and sundried to optimum moisture content of grain for storage.

- * Planting of disease free quality seed material procured from reliable sources may be done with the available soil moisture. Treat seeds before sowing.
- * Mulching may be done wherever possible to retain soil moisture for longer period.

* Light watering to the nursery may be done if fog or frost is observed during morning hours.

Field Crops							
Name of the crop	Stage		Pest and dis	ease	Agro-meteorological advisories		
Rice	Harvest and post har	vest			- Harvest mature crops.		
	stage				- Stacking of the harvested panicles for 5-7 days and turning upside down the heap of		
					panicles can be done. After proper threshing and cleaning, sundry before storage.		
Rapeseed/ mustard	Sowing				- After harvesting rice, zero tillage rape seed may be sown when the field is slightly in		
					muddy condition. Apply 65kg Urea + 188kg SSP + 50kg MOP as basal dose before sowing. Recommended variety – M-27. Seed rate is 10-12 kg/ ha. Treat seeds with		
					Mancozeb @2g/kg seed for the control of white rust and Downey Mildew at seedling		
					stage.		
Field pea	Land preparation to				- Land preparation may be done. Sowing may be done at a spacing of 30cm X 10-15cm.		
	sowing				Seed rate is 75 kg/ hectare.		
Seeds storage	Post-harvest				- For seed purpose store the seeds in RC-Seed Bin after proper drying and cleaning of		
	management				seeds along with dry charcoal at 80:20 w/w ratios. Check for moisture content or weight		
					of charcoal and dry if required.		
					- Clean godowns and spray with 1% Malathion on the walls before storage; also ensure that it is well ventilated. Avoid fungal growth and pest rodent in store.		
Horticulture Crops					that it is wen ventuated. Avoid rungal growth and pest rodent in store.		
Name of the crop	Stage		Pest and dis	0360	Agro-meteorological advisories		
Cole crops	Vegetative		i est allu uls	case	- Apply 50 kg urea in two splits dose after 20-40 days of transplanting for mid-season		
cole crops	(Mid-season var.) and	đ			crops in vegetative stage.		
	nursery (late var.)				- Monitor for insect pest infestation in nursery plot.		
Citrus	Bearing trees		Trunk borer		- Kill the trunk borer grubs. Clean the bore holes of the infested trunk with iron wire.		
	0				Insert a cotton swab soaked in Dichlorovos or inject 5 ml of Dichlorovos solution		
					(2ml/lit of water) and paste the bore hole with mud.		
					- Apply lime (2-2.5 kg/tree) in a circular trench around the trunk in alternate year.		
Brinjal	Fruiting to harvesting	g			For fruit and shoot borer of brinjal, spray Deltamethrin 12 % @ 7ml /15 litre of water		
					after the harvesting mature fruits.		
Animal Sciences	Ct.						
Name of bird/ animal	Stage		Disease/		Agro-meteorological advisories		
Poultry (Chicken/	All age groups		nagement idiosis	Give	Coccimar @ 2g/litre of drinking water for 5-7 days along with glucose.		
Duck)	in age groups						
·			8		Use Ventrimizole @ 1g in 1 litre of drinking water for 3 days.		
Sheep/ Goat	All age groups	Dewo	eworming - G		Give Ranizole suspension @ 3ml/ 10 kg body weight.		
		Fasci			Tolzan-F @ 15ml orally/kg b. wt. It must be associated with vitamins like Livozyme @		
					twice daily.		
Pig	All age groups except	Dewo			Morantel citrate tablet (Banminth) @15mg/ kg body weight.		
	the young ones				Butox liquid @ 2 ml/ lit of water twice a week while brushing the animal.		
Cattle	All age groups				inate against B.Q., F.M.D. & H.S. if not yet vaccinated.		
				Ise Butox liquid @ 2ml/ litre water twice a week while brushing animals.			
T1 1 1	ones	Dewo	orming	De-w	orm with Nilzan/ Tolzan-F @20-30ml for 100 kg body weight.		
Fisheries Carp culture - Maintain water level at a depth of 1.0m to 1.5m. Ensure good quality water in fish culture ponds by liming.							
Carp culture							
- Depending upon the availability of water, partial harvesting of fishes may be done.							

(I. Meghachandra Singh) Nodal Officer, GKMS

Date of issue: 30th October, 2018

E-mail: agromet_mnp@yahoo.co.uk