

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

"Gramin Krishi Mausam Seva"



MANIPUR AGROMET ADVISORY BULLETIN

District: Bishnupur

Significant past weather for the preceding bi-weekly of Imphal - West $(16^{th}$ to 18^{th} October, 2018)

Observed no rainfall with light fog during morning hours and mainly clear during afternoon hours. Maximum temperature recorded ranged from 27.3 to 28.0 $^{\circ}$ C and minimum of 13.5 to 14.1 $^{\circ}$ C with mean relative humidity 88 $^{\circ}$ max and 47.7 $^{\circ}$ min was recorded in the past three days & average wind speed was 1.5–2.1 km/hr.

Weather forecast for next five days of Bishnupur (20th to 24th October, 2018)

Likely to have no rains upto Wednesday and mainly clear to partly cloudy sky with maximum temp. 25-26 °C & minimum temp. 13-14 °C. Relative humidity may reach upto 98 % (max) and 65 % (min). The average wind speed may be 0-2 km/hr.

Date of issue: 19th October, 2018

E-mail: agromet_mnp@yahoo.co.uk

- * Temporary roof like structures using paddy straw and bamboo may be prepared to protect nursery in open field from fog/ frost during morning hours.
- * Light watering may be done only when soil is dry as high soil moisture level will have an adverse effect on growth and health of the crops.
- * Mulching may be done wherever possible to retain soil moisture for longer period.
- * Hessians cloths may be used in sheds of birds and animals to protect it from decreasing night temperature.

*		

Field Crops								
Name of the crop	Stage		Pest and dise	ase	Agro-meteorological advisories			
Rice	Maturity to harvesting and post harvesting s				 - Maintain water level at 5-8 cm. - Harvest when 80% of the spikelet is yellow after rains. - Drain out water from the crop field 10-15 days before expected date of harvesting. 			
Rapeseed/Mustard/Field	Seed collection and				- Procure quality seeds from reliable source and sow in the field just after harvest of			
pea/ Lentil	sowing				rice/ soybean/ groundnut/ black gram or rice bean to utilize the residual moisture in the field.			
Seeds storage	Post-harvest management				 For seed purpose store the seeds in RC-Seed Bin after proper drying and cleaning of seeds along with dry charcoal at 80:20 w/w ratios. Check for moisture content of 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. 			
Horticulture Crops								
Name of the crop	Stage		Pest and dise	ase	Agro-meteorological advisories			
Potato	Planting to early vegetative				 Planting of potato may be done. Treat seed tubers with Sixer (Carbendazim + Mencozeb) @ 2 gm/lit of water or Carbaryl 50 WP or Ridomil @ 2 gm/kg seed/ tubers for 20 minutes and let it dry in shed before planting as preventive measure against soil borne diseases. 			
Cole crops	Nursery (late ver.), transplanting to vegetative (main seas var.)	on			Weeding may be done if weed population high to avoid insect pest and better growth of the crop. Monitor for insect pest in and around the crop field.			
Citrus	Bearing trees		Trunk borer		 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. 			
Animal Sciences					<u> </u>			
Name of bird/ animal	Stage		Disease/ anagement		Agro-meteorological advisories			
Poultry (Chicken/	All age groups	Cocc	idiosis	Give	ve Coccimar @ 2g/litre of drinking water for 5-7 days along with glucose.			
Duck)		Dewe	orming	Use V	Use Ventrimizole @ 1g in 1 litre of drinking water for 3 days.			
Sheep/ Goat	All age groups	Dewo	orming	- Give Ranizole suspension @ 3ml/ 10 kg body weight.				
		Fasci	ioliosis	Give Tolzan-F $@$ 15ml orally/ kg b. wt. It must be associated with vitamins like Livozyme $@$ 50ml twice daily.				
Pig	All age groups except	Dewe			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.			
	excepts the young	Tick			Butox liquid @ 2ml/ litre water twice a week while brushing animals.			
	ones				es should not be allowed to drink milk from mothers if affected by FMD, it affects hear cause even death of the calves.			
		Dewe	orming	De-w	orm with Nilzan/ Tolzan-F @20-30ml for 100 kg body weight.			
Fisheries								
Carp culture	- Sampling of fish for graph quality water in fish cul-				one regularly by netting. Maintain water level at a depth of 1.0m to 1.5m. Ensure good			



ICAR Research Complex for N.E.H. Region

Manipur Centre, Lamphelpat, Imphal - 795 004

"Gramin Krishi Mausam Seva"



MANIPUR AGROMET ADVISORY BULLETIN

District: Chandel

Significant past weather for the preceding bi-weekly of Imphal - West $(16^{th}$ to 18^{th} October, 2018)

Observed no rainfall with light fog during morning hours and mainly clear during afternoon hours. Maximum temperature recorded ranged from 27.3 to 28.0 $^{\circ}$ C and minimum of 13.5 to 14.1 $^{\circ}$ C with mean relative humidity 88 $^{\circ}$ max and 47.7 $^{\circ}$ min was recorded in the past three days & average wind speed was 1.5–2.1 km/hr.

Weather forecast for next five days of Chandel (20th to 24th October, 2018)

Likely to have no rains upto Wednesday and mainly clear to partly cloudy sky with maximum temp. 25-26 °C & minimum temp. 13-14 °C. Relative humidity may reach upto 96 % (max) and 64 % (min). The average wind speed may be 2-3 km/hr.

Date of issue: 19th October, 2018

E-mail: agromet_mnp@yahoo.co.uk

- * Temporary roof like structures using paddy straw and bamboo may be prepared to protect nursery in open field from fog/ frost during morning hours.
- * Light watering may be done only when soil is dry as high soil moisture level will have an adverse effect on growth and health of the crops.
- * Mulching may be done wherever possible to retain soil moisture for longer period.
- * Hessians cloths may be used in sheds of birds and animals to protect it from decreasing night temperature.

*		

*							
Field Crops							
Name of the crop	Stage		Pest and dis	ease	Agro-meteorological advisories		
Rice	Maturity to harvesting and post harvesting s				- Maintain water level at 5-8 cm. - Harvest when 80% of the spikelet is yellow after rains. - Drain out water from the crop field 10-15 days before expected date of harvesting.		
Rapeseed/Mustard/ Field pea/ Lentil	Seed collection and sowing				- Procure quality seeds from reliable source and sow in the field just after harvest of rice/ soybean/ groundnut/ black gram or rice bean to utilize the residual moisture in the field.		
Seeds storage	Post-harvest management				 For seed purpose store the seeds in RC-Seed Bin after proper drying and cleaning of seeds along with dry charcoal at 80:20 w/w ratios. Check for moisture content of 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. 		
Horticulture Crops							
Name of the crop	Stage		Pest and dis	ease	Agro-meteorological advisories		
Potato	Planting to early vegetative				- Planting of potato may be done. - Treat seed tubers with Sixer (Carbendazim + Mencozeb) @ 2 gm/lit of water or Carbaryl 50 WP or Ridomil @ 2 gm/kg seed/ tubers for 20 minutes and let it dry shed before planting as preventive measure against soil borne diseases.		
Cole crops	Nursery (late ver.), transplanting to vegetative (main seas var.)	on			Weeding may be done if weed population high to avoid insect pest and better growth of the crop. Monitor for insect pest in and around the crop field.		
Citrus	Bearing trees		Trunk borer		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.		
Animal Sciences					12pps, mile (2 2re 18, 1200) m a cream venter around and a mile mane for a		
Name of bird/ animal	Stage		Disease/ anagement		Agro-meteorological advisories		
Poultry (Chicken/	All age groups	Coco	cidiosis	Give	e Coccimar @ 2g/litre of drinking water for 5-7 days along with glucose.		
Duck)		Dew	orming	Use '	e Ventrimizole @ 1g in 1 litre of drinking water for 3 days.		
Sheep/ Goat	All age groups	Dew	orming	- Giv	Give Ranizole suspension @ 3ml/ 10 kg body weight.		
		Fasc			Give Tolzan-F @ 15ml orally/ kg b. wt. It must be associated with vitamins like Livozyme Oml twice daily.		
Pig	All age groups except	Dew	orming		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		cination		cinate against B.Q., F.M.D. & H.S. if not yet vaccinated.		
	excepts the young ones	Tick			Butox liquid @ 2ml/ litre water twice a week while brushing animals. es should not be allowed to drink milk from mothers if affected by FMD, it affects heart		
	Oiles				es snould not be allowed to drink milk from mothers if affected by FMD, it affects neart cause even death of the calves.		
		Dew	orming		orm with Nilzan/ Tolzan-F @20-30ml for 100 kg body weight.		
Fisheries							
Carp culture	- Sampling of fish for g quality water in fish cu				one regularly by netting. Maintain water level at a depth of 1.0m to 1.5m. Ensure good		



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

"Gramin Krishi Mausam Seva"



MANIPUR AGROMET ADVISORY BULLETIN

District: Churachandpur

Significant past weather for the preceding bi-weekly of Imphal - West (16th to 18th October, 2018)

Observed no rainfall with light fog during morning hours and mainly clear during afternoon hours. Maximum temperature recorded ranged from 27.3 to 28.0 $^{\circ}$ C and minimum of 13.5 to 14.1 $^{\circ}$ C with mean relative humidity 88 $^{\circ}$ max and 47.7 $^{\circ}$ min was recorded in the past three days & average wind speed was 1.5–2.1 km/hr.

Weather forecast for next five days of Churachandpur (20th to 24th October, 2018)

E-mail: agromet_mnp@yahoo.co.uk

Likely to have no rains upto Wednesday and mainly clear to partly cloudy sky with maximum temp. 25-26 °C & minimum temp. 13-14 °C. Relative humidity may reach upto 98 % (max) and 49 % (min). The average wind speed may be 2-3 km/hr.

Date of issue: 19th October, 2018

- * Temporary roof like structures using paddy straw and bamboo may be prepared to protect nursery in open field from fog/ frost during morning hours.
- * Light watering may be done only when soil is dry as high soil moisture level will have an adverse effect on growth and health of the crops.
- * Mulching may be done wherever possible to retain soil moisture for longer period.
- * Hessians cloths may be used in sheds of birds and animals to protect it from decreasing night temperature.

*		

Field Crops							
Name of the crop	Stage		Pest and disea	ase	Agro-meteorological advisories		
Rice	Maturity to harvestin and post harvesting st				 - Maintain water level at 5-8 cm. - Harvest when 80% of the spikelet is yellow after rains. - Drain out water from the crop field 10-15 days before expected date of harvesting. 		
Rapeseed/Mustard/ Field pea/ Lentil	Seed collection and sowing				- Procure quality seeds from reliable source and sow in the field just after harvest rice/ soybean/ groundnut/ black gram or rice bean to utilize the residual moisture the field.		
Seeds storage	Post-harvest management				 For seed purpose store the seeds in RC-Seed Bin after proper drying and cleaning seeds along with dry charcoal at 80:20 w/w ratios. Check for moisture content weight of charcoal and dry if required. Clean godowns and spray with 1% Malathion on the walls before storage; all ensure that it is well ventilated. Avoid fungal growth. 		
Horticulture Crops							
Name of the crop	Stage		Pest and disea	ase	Agro-meteorological advisories		
Potato	Planting to early vegetative				- Planting of potato may be done Treat seed tubers with Sixer (Carbendazim + Mencozeb) @ 2 gm/lit of water or Carbaryl 50 WP or Ridomil @ 2 gm/kg seed/ tubers for 20 minutes and let it dry in shed before planting as preventive measure against soil borne diseases.		
Cole crops	Nursery (late ver.), transplanting to vegetative (main seaso var.))n			 - Weeding may be done if weed population high to avoid insect pest and better growth of the crop. - Monitor for insect pest in and around the crop field. 		
Citrus	Bearing trees		Trunk borer		 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. 		
Animal Sciences					- Appry line (2-2.3 kg/tree) in a circular trench around the trunk in ancinate year.		
Name of bird/ animal	Stage		Disease/ nagement		Agro-meteorological advisories		
Poultry (Chicken/	All age groups	Cocci	diosis	Give	ve Coccimar @ 2g/litre of drinking water for 5-7 days along with glucose.		
Duck)		Dewo	rming	Use \	se Ventrimizole @ 1g in 1 litre of drinking water for 3 days.		
Sheep/ Goat	All age groups	Dewo	rming	- Give Ranizole suspension @ 3ml/ 10 kg body weight.			
		Fascio		Give Tolzan-F @ 15ml orally/ kg b. wt. It must be associated with vitamins like Livozyme @ 50ml 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.		
	excepts the young	Tick			Butox liquid @ 2ml/ litre water twice a week while brushing animals.		
	ones				es should not be allowed to drink milk from mothers if affected by FMD, it affects hear cause even death of the calves.		
		Dewo			corm with Nilzan/ Tolzan-F @ 20-30ml for 100 kg body weight.		
		, 0	8	- "			



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

"Gramin Krishi Mausam Seva"



MANIPUR AGROMET ADVISORY BULLETIN

District: Imphal East

Significant past weather for the preceding bi-weekly of Imphal - West (16th to 18th October, 2018)

Observed no rainfall with light fog during morning hours and mainly clear during afternoon hours. Maximum temperature recorded ranged from 27.3 to 28.0 $^{\circ}$ C and minimum of 13.5 to 14.1 $^{\circ}$ C with mean relative humidity 88 $^{\circ}$ max and 47.7 $^{\circ}$ min was recorded in the past three days & average wind speed was 1.5-2.1 km/hr.

Weather forecast for next five days of Imphal East $(20^{th} \text{ to } 24^{th} \text{ October}, 2018)$

Likely to have no rains upto Wednesday and mainly clear to partly cloudy sky with maximum temp. 25-26 $^{\circ}$ C & minimum temp. 13-14 $^{\circ}$ C. Relative humidity may reach upto 94 % (max) and 54 % (min). The average wind speed may be 4-5 km/hr.

Date of issue: 19th October, 2018

E-mail: agromet_mnp@yahoo.co.uk

- * Temporary roof like structures using paddy straw and bamboo may be prepared to protect nursery in open field from fog/ frost during morning hours.
- * Light watering may be done only when soil is dry as high soil moisture level will have an adverse effect on growth and health of the crops.
- * Mulching may be done wherever possible to retain soil moisture for longer period.
- * Hessians cloths may be used in sheds of birds and animals to protect it from decreasing night temperature.

*		

*							
Field Crops							
Name of the crop	Stage		Pest and dise	ase	Agro-meteorological advisories		
Rice	Maturity to harvesting and post harvesting s				- Maintain water level at 5-8 cm. - Harvest when 80% of the spikelet is yellow after rains. - Drain out water from the crop field 10-15 days before expected date of harvesting.		
Rapeseed/Mustard/ Field pea/ Lentil	Seed collection and sowing				- Procure quality seeds from reliable source and sow in the field just after harvest of rice/ soybean/ groundnut/ black gram or rice bean to utilize the residual moisture in the field.		
Seeds storage	Post-harvest management				 For seed purpose store the seeds in RC-Seed Bin 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. 		
Horticulture Crops							
Name of the crop	Stage		Pest and dise	ase	Agro-meteorological advisories		
Potato	Planting to early vegetative				- Planting of potato may be done Treat seed tubers with Sixer (Carbendazim + Mencozeb) @ 2 gm/lit of water or Carbaryl 50 WP or Ridomil @ 2 gm/kg seed/ tubers for 20 minutes and let it dry in shed before planting as preventive measure against soil borne diseases.		
Cole crops	Nursery (late ver.), transplanting to vegetative (main seas var.)	son			 - Weeding may be done if weed population high to avoid insect pest and better growth of the crop. - Monitor for insect pest in and around the crop field. 		
Citrus	Bearing trees		Trunk borer		 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. 		
Animal Sciences					Tippi, mile (2 210 mg, vivo) in a circular vivolen around vivo vi anni in averiano jeuri		
Name of bird/ animal	Stage		Disease/ anagement		Agro-meteorological advisories		
Poultry (Chicken/	All age groups	Coc	cidiosis	Give	Coccimar @ 2g/litre of drinking water for 5-7 days along with glucose.		
Duck)		Dew	orming	Use \	Use Ventrimizole @ 1g in 1 litre of drinking water for 3 days.		
Sheep/ Goat	All age groups	Dew	orming	- Giv	Give Ranizole suspension @ 3ml/ 10 kg body weight.		
		Fasc	Fascioliosis G		Give Tolzan-F @ 15ml orally/ kg b. wt. It must be associated with vitamins like Livozyme @ 50ml twice daily.		
Pig	All age groups except	Dew	orming	Give	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		cination		inate against B.Q., F.M.D. & H.S. if not yet vaccinated.		
	excepts the young	Tick	S		Butox liquid @ 2ml/ litre water twice a week while brushing animals.		
	ones				es should not be allowed to drink milk from mothers if affected by FMD, it affects heart		
		Dew	orming		cause even death of the calves. Form with Nilzan/ Tolzan-F @20-30ml for 100 kg body weight.		
Fisheries	<u> </u>	2011			2 Cay Com Ly Lyong Com, I wagne		
Carp culture	- Sampling of fish for graph quality water in fish cu				one regularly by netting. Maintain water level at a depth of 1.0m to 1.5m. Ensure good		



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

"Gramin Krishi Mausam Seva"



MANIPUR AGROMET ADVISORY BULLETIN

District: Imphal West

Significant past weather for the preceding bi-weekly of Imphal - West $(16^{th}$ to 18^{th} October, 2018)

Observed no rainfall with light fog during morning hours and mainly clear during afternoon hours. Maximum temperature recorded ranged from 27.3 to 28.0 $^{\circ}$ C and minimum of 13.5 to 14.1 $^{\circ}$ C with mean relative humidity 88 $^{\circ}$ max and 47.7 $^{\circ}$ min was recorded in the past three days & average wind speed was 1.5–2.1 km/hr.

Weather forecast for next five days of Imphal West $(20^{th} \text{ to } 24^{th} \text{ October}, 2018)$

E-mail: agromet_mnp@yahoo.co.uk

Likely to have no rains upto Wednesday and mainly clear to partly cloudy sky with maximum temp. 25-26 $^{\circ}$ C & minimum temp. 13-14 $^{\circ}$ C. Relative humidity may reach upto 91 $^{\circ}$ M (max) and 39 $^{\circ}$ M (min). The average wind speed may be 4 km/hr.

Date of issue: 19th October, 2018

- * Temporary roof like structures using paddy straw and bamboo may be prepared to protect nursery in open field from fog/ frost during morning hours.
- * Light watering may be done only when soil is dry as high soil moisture level will have an adverse effect on growth and health of the crops.
- * Mulching may be done wherever possible to retain soil moisture for longer period.
- * Hessians cloths may be used in sheds of birds and animals to protect it from decreasing night temperature.

*		

*							
Field Crops							
Name of the crop	Stage		Pest and dis	ease	Agro-meteorological advisories		
Rice	Maturity to harvesting and post harvesting s				- Maintain water level at 5-8 cm. - Harvest when 80% of the spikelet is yellow after rains. - Drain out water from the crop field 10-15 days before expected date of harvesting.		
Rapeseed/Mustard/ Field pea/ Lentil	Seed collection and sowing				- Procure quality seeds from reliable source and sow in the field just after harvest of rice/ soybean/ groundnut/ black gram or rice bean to utilize the residual moisture in the field.		
Seeds storage	Post-harvest management				 For seed purpose store the seeds in RC-Seed Bin after proper drying and cleaning of seeds along with dry charcoal at 80:20 w/w ratios. Check for moisture content of 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. 		
Horticulture Crops							
Name of the crop	Stage		Pest and dis	ease	Agro-meteorological advisories		
Potato	Planting to early vegetative				- Planting of potato may be done. - Treat seed tubers with Sixer (Carbendazim + Mencozeb) @ 2 gm/lit of water or Carbaryl 50 WP or Ridomil @ 2 gm/kg seed/ tubers for 20 minutes and let it dry shed before planting as preventive measure against soil borne diseases.		
Cole crops	Nursery (late ver.), transplanting to vegetative (main seas var.)	on			Weeding may be done if weed population high to avoid insect pest and better growth of the crop. Monitor for insect pest in and around the crop field.		
Citrus	Bearing trees		Trunk borer		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.		
Animal Sciences					12pps, mile (2 2re 18, 1200) m a cream venter around and a mile mane for a		
Name of bird/ animal	Stage		Disease/ anagement		Agro-meteorological advisories		
Poultry (Chicken/	All age groups	Coco	cidiosis	Give	e Coccimar @ 2g/litre of drinking water for 5-7 days along with glucose.		
Duck)		Dew	orming	Use '	e Ventrimizole @ 1g in 1 litre of drinking water for 3 days.		
Sheep/ Goat	All age groups	Dew	orming	- Giv	Give Ranizole suspension @ 3ml/ 10 kg body weight.		
		Fasc			Give Tolzan-F @ 15ml orally/ kg b. wt. It must be associated with vitamins like Livozyme Oml twice daily.		
Pig	All age groups except	Dew	orming		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		cination		cinate against B.Q., F.M.D. & H.S. if not yet vaccinated.		
	excepts the young ones	Tick			Butox liquid @ 2ml/ litre water twice a week while brushing animals. es should not be allowed to drink milk from mothers if affected by FMD, it affects heart		
	Oiles				es snould not be allowed to drink milk from mothers if affected by FMD, it affects neart cause even death of the calves.		
		Dew	orming		orm with Nilzan/ Tolzan-F @20-30ml for 100 kg body weight.		
Fisheries							
Carp culture	- Sampling of fish for g quality water in fish cu				one regularly by netting. Maintain water level at a depth of 1.0m to 1.5m. Ensure good		



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

"Gramin Krishi Mausam Seva"



MANIPUR AGROMET ADVISORY BULLETIN

District: Senapati

Significant past weather for the preceding bi-weekly of Imphal - West (16th to 18th October, 2018)

Observed no rainfall with light fog during morning hours and mainly clear during afternoon hours. Maximum temperature recorded ranged from 27.3 to 28.0 °C and minimum of 13.5 to 14.1 °C with mean relative humidity 88 % max and 47.7 % min was recorded in the past three days & average wind speed was 1.5-2.1 km/ hr.

Weather forecast for next five days of Senapati (20th to 24th October, 2018)

Likely to have no rains upto Wednesday and mainly clear to partly cloudy sky with maximum temp. 25-26 °C & minimum temp. 13-14 °C. Relative humidity may reach upto 97 % (max) and 49 % (min). The average wind speed may be 3-4 km/hr.

Date of issue: 19th October, 2018

E-mail: agromet_mnp@yahoo.co.uk

- * Temporary roof like structures using paddy straw and bamboo may be prepared to protect nursery in open field from fog/ frost during morning hours.
- * Light watering may be done only when soil is dry as high soil moisture level will have an adverse effect on growth and health of the crops.
- * Mulching may be done wherever possible to retain soil moisture for longer period.
- * Hessians cloths may be used in sheds of birds and animals to protect it from decreasing night temperature.

*		

Field Crops								
Name of the crop	Stage		Pest and disea	ase	Agro-meteorological advisories			
Rice	Maturity to harvestin	าฮ			- Maintain water level at 5-8 cm.			
	and post harvesting s				- Harvest when 80% of the spikelet is yellow after rains.			
		ruge			- Drain out water from the crop field 10-15 days before expected date of harvesting.			
Rapeseed/Mustard/ Field		on and			- Procure quality seeds from reliable source and sow in the field just after harvest of			
pea/ Lentil	sowing				rice/ soybean/ groundnut/ black gram or rice bean to utilize the residual moisture in the field.			
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.			
Horticulture Crops								
Name of the crop	Stage		Pest and disea	ase	Agro-meteorological advisories			
Cole crops	Nursery (late ver.),				- Weeding may be done if weed population high to avoid insect pest and better growth			
	transplanting to vegetative (main season		on		of the crop.			
					- Monitor for insect pest in and around the crop field.			
04	var.)							
Citrus	Bearing trees		Trunk borer		- 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.			
Animal Sciences					- Appry line (2-2.3 kg/tree) in a circular trench around the trunk in alternate year.			
Name of bird/ animal	Stage	D	Disease/		Agro-meteorological advisories			
	Suge		nagement					
Poultry (Chicken/	All age groups	Cocci		Give	Coccimar @ 2g/litre of drinking water for 5-7 days along with glucose.			
Duck)		Dewo	rming	Use Ventrimizole @ 1g in 1 litre of drinking water for 3 days.				
Sheep/ Goat	All age groups	Dewo	rming	- Giv	Give Ranizole suspension @ 3ml/ 10 kg body weight.			
		Fascio		Give Tolzan-F @ 15ml orally/ kg b. wt. It must be associated with vitamins like Livozyme @ 50ml twice daily.				
Pig	All age groups except	Dewo			Morantel citrate tablet (Banminth) @15mg/ kg body weight.			
8	the young ones	Deno			Butox liquid @ 2 ml/ lit of water twice a week while brushing the animal.			
Cattle	All age groups	Vacci			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.			
	ones				es should not be allowed to drink milk from mothers if affected by FMD, it affects heart			
					cause even death of the calves.			
		Dewo			form with Nilzan/ Tolzan-F @20-30ml for 100 kg body weight.			
Fisheries			8					
Carp culture	- Sampling of fish for g	rowth.	lisease should	be do	one regularly by netting. Maintain water level at a depth of 1.0m to 1.5m. Ensure good			
1	quality water in fish cu				8			



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

"Gramin Krishi Mausam Seva"



MANIPUR AGROMET ADVISORY BULLETIN

District: Tamenglong

Significant past weather for the preceding bi-weekly of Imphal - West $(16^{th} \text{ to } 18^{th} \text{ October}, 2018)$

Observed no rainfall with light fog during morning hours and mainly clear during afternoon hours. Maximum temperature recorded ranged from 27.3 to 28.0 $^{\circ}$ C and minimum of 13.5 to 14.1 $^{\circ}$ C with mean relative humidity 88 $^{\circ}$ max and 47.7 $^{\circ}$ min was recorded in the past three days & average wind speed was 1.5-2.1 km/hr.

Weather forecast for next five days of Tamenglong $(20^{th} \text{ to } 24^{th} \text{ October}, 2018)$

E-mail: agromet_mnp@yahoo.co.uk

Likely to have no rains upto Wednesday and mainly clear to partly cloudy sky with maximum temp. 25-26 °C & minimum temp. 13-14 °C. Relative humidity may reach upto 95 % (max) and 47 % (min). The average wind speed may be 3 km/hr.

Date of issue: 19th October, 2018

- * Temporary roof like structures using paddy straw and bamboo may be prepared to protect nursery in open field from fog/ frost during morning hours.
- * Light watering may be done only when soil is dry as high soil moisture level will have an adverse effect on growth and health of the crops.
- * Mulching may be done wherever possible to retain soil moisture for longer period.
- * Hessians cloths may be used in sheds of birds and animals to protect it from decreasing night temperature.

*		

*							
Field Crops							
Name of the crop	Stage		Pest and dis	ease	Agro-meteorological advisories		
Rice	Maturity to harvesting and post harvesting s	ing			- Maintain water level at 5-8 cm Harvest when 80% of the spikelet is yellow after rains Drain out water from the crop field 10-15 days before expected date of harvesting.		
Rapeseed/Mustard/ Field pea/ Lentil	Seed collection and sowing				 Procure quality seeds from reliable source and sow in the field just after harves rice/ soybean/ groundnut/ black gram or rice bean to utilize the residual moistur the field. 		
Seeds storage	Post-harvest management				 For seed purpose store the seeds in RC-Seed Bin after proper drying and cleaning seeds along with dry charcoal at 80:20 w/w ratios. Check for moisture content of 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. 		
Horticulture Crops							
Name of the crop	Stage		Pest and dis	ease	Agro-meteorological advisories		
Potato	Planting to early vegetative	Planting to early vegetative			- Planting of potato may be done Treat seed tubers with Sixer (Carbendazim + Mencozeb) @ 2 gm/lit of water or Carbaryl 50 WP or Ridomil @ 2 gm/kg seed/ tubers for 20 minutes and let it dry in shed before planting as preventive measure against soil borne diseases.		
Cole crops	var.)	nnsplanting to getative (main season			 - Weeding may be done if weed population high to avoid insect pest and better growth of the crop. - Monitor for insect pest in and around the crop field. 		
Citrus	Bearing trees	Bearing trees Trunk b			 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. 		
Animal Sciences							
Name of bird/ animal	Stage		Disease/ anagement		Agro-meteorological advisories		
Poultry (Chicken/	All age groups	Cocc	cidiosis	Give	Coccimar @ 2g/litre of drinking water for 5-7 days along with glucose.		
Duck)		Dew	orming	Use Ventrimizole @ 1g in 1 litre of drinking water for 3 days.			
Sheep/ Goat	All age groups	Dew	orming	- Giv	Give Ranizole suspension @ 3ml/ 10 kg body weight.		
		Fasc			ve Tolzan-F $@$ 15ml orally/ kg b. wt. It must be associated with vitamins like Livozyme $@$ ml twice daily.		
Pig	All age groups except	Dew	orming	Give	ve Morantel citrate tablet (Banminth) @15mg/ kg body weight.		
	the young ones				e Butox liquid @ 2 ml/ lit of water twice a week while brushing the animal.		
Cattle	All age groups				Vaccinate against B.Q., F.M.D. & H.S. if not yet vaccinated.		
	excepts the young ones	Tick	Tick Use E		Butox liquid @ 2ml/ litre water twice a week while brushing animals.		
	ones	Deworming		Calves should not be allowed to drink milk from mothers if affected by FMD, it affects hear and cause even death of the calves.			
					vorm with Nilzan/ Tolzan-F @20-30ml for 100 kg body weight.		
Fisheries							
Carp culture	- Sampling of fish for g quality water in fish cu				one regularly by netting. Maintain water level at a depth of 1.0m to 1.5m. Ensure good		



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

"Gramin Krishi Mausam Seva"



MANIPUR AGROMET ADVISORY BULLETIN

District: Thoubal

Significant past weather for the preceding bi-weekly of Imphal - West $(16^{th} \text{ to } 18^{th} \text{ October}, 2018)$

Observed no rainfall with light fog during morning hours and mainly clear during afternoon hours. Maximum temperature recorded ranged from 27.3 to 28.0 $^{\circ}$ C and minimum of 13.5 to 14.1 $^{\circ}$ C with mean relative humidity 88 $^{\circ}$ max and 47.7 $^{\circ}$ min was recorded in the past three days & average wind speed was 1.5–2.1 km/hr.

Weather forecast for next five days of Thoubal (20th to 24th October, 2018)

Likely to have no rains upto Wednesday and mainly clear to partly cloudy sky with maximum temp. 25-26 °C & minimum temp. 13-14 °C. Relative humidity may reach upto 98 % (max) and 67 % (min). The average wind speed may be 2 km/hr.

Date of issue: 19th October, 2018

E-mail: agromet_mnp@yahoo.co.uk

- * Temporary roof like structures using paddy straw and bamboo may be prepared to protect nursery in open field from fog/ frost during morning hours.
- * Light watering may be done only when soil is dry as high soil moisture level will have an adverse effect on growth and health of the crops.
- * Mulching may be done wherever possible to retain soil moisture for longer period.
- * Hessians cloths may be used in sheds of birds and animals to protect it from decreasing night temperature.

*	

*							
Field Crops							
Name of the crop	Stage		Pest and dise	ease	Agro-meteorological advisories		
Rice Maturity to harve		ing			- Maintain water level at 5-8 cm.		
	and post harvesting s	tage			- Harvest when 80% of the spikelet is yellow after rains.		
D	Seed collection and				- Drain out water from the crop field 10-15 days before expected date of harvesting.		
Rapeseed/Mustard/ Field pea/ Lentil	stard/ Field Seed collection and sowing				- Procure quality seeds from reliable source and sow in the field just after harvest of rice/ soybean/ groundnut/ black gram or rice bean to utilize the residual moisture in		
*		sowing			the field.		
Seeds storage		Post-harvest management			- 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.		
Horticulture Crops					ensure that it is wen ventuated. Avoid fungai growth.		
Name of the crop	Stage		Pest and dise	986	Agro-meteorological advisories		
Potato	Planting to early		1 est and disc	asc	- Planting of potato may be done.		
Totato	vegetative				- Treat seed tubers with Sixer (Carbendazim + Mencozeb) @ 2 gm/lit of water or		
	1.00.000				Carbaryl 50 WP or Ridomil @ 2 gm/kg seed/ tubers for 20 minutes and let it dry in		
					shed before planting as preventive measure against soil borne diseases.		
Cole crops	Nursery (late ver.),				- Weeding may be done if weed population high to avoid insect pest and better growth		
	transplanting to				of the crop.		
vegetative (main seaso		n		- Monitor for insect pest in and around the crop field.			
	var.)						
Citrus	Bearing trees		Trunk borer		- 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.		
Animal Sciences					Tippi, mile (2 210 mg, vive) in west care vivil and vivil in wive state of care		
Name of bird/ animal	Stage		Disease/	Agro-meteorological advisories			
		Ma	anagement				
Poultry (Chicken/	All age groups	Coco	cidiosis	Give	ive Coccimar @ 2g/litre of drinking water for 5-7 days along with glucose.		
Duck)		Dew	orming	Use Ventrimizole @ 1g in 1 litre of drinking water for 3 days.			
Sheep/ Goat	All age groups	Dew	orming	- Giv	Give Ranizole suspension @ 3ml/ 10 kg body weight.		
		Fascioliosis		Give	Tolzan-F @ 15ml orally/ kg b. wt. It must be associated with vitamins like Livozyme @		
				50ml twice daily.			
Pig	All age groups except	Dew	orming		Morantel citrate tablet (Banminth) @15mg/ kg body weight.		
	the young ones			Use I	se Butox liquid @ 2 ml/ lit of water twice a week while brushing the animal.		
Cattle	All age groups	Vaccination			rinate against B.Q., F.M.D. & H.S. if not yet vaccinated.		
	excepts the young				e Butox liquid @ 2ml/ litre water twice a week while brushing animals.		
	ones	nes			es should not be allowed to drink milk from mothers if affected by FMD, it affects heart		
	2				cause even death of the calves.		
Fisheries		Dew	orming	De-w	orm with Nilzan/ Tolzan-F @20-30ml for 100 kg body weight.		
Carp culture	- Sampling of fish for a	rowth	disease should	he de	one regularly by netting. Maintain water level at a depth of 1.0m to 1.5m. Ensure good		
Carp culture	quality water in fish cu				one regularly by neuting, ivialitiani water level at a depth of 1.0m to 1.5m, Ensure good		
	quanty water in fish cu	icui e p	onus by mining	•			



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

"Gramin Krishi Mausam Seva"



MANIPUR AGROMET ADVISORY BULLETIN

District: Ukhrul

Significant past weather for the preceding bi-weekly of Imphal - West (16th to 18th October, 2018)

Observed no rainfall with light fog during morning hours and mainly clear during afternoon hours. Maximum temperature recorded ranged from 27.3 to 28.0 $^{\circ}$ C and minimum of 13.5 to 14.1 $^{\circ}$ C with mean relative humidity 88 $^{\circ}$ max and 47.7 $^{\circ}$ min was recorded in the past three days & average wind speed was 1.5–2.1 km/hr.

Weather forecast for next five days of Ukhrul (20th to 24th October, 2018)

Likely to have no rains upto Wednesday and mainly clear to partly cloudy sky with maximum temp. 25-26 °C & minimum temp. 13-14 °C. Relative humidity may reach upto 95 % (max) and 52 % (min). The average wind speed may be 3 km/hr.

Date of issue: 19th October, 2018

E-mail: agromet_mnp@yahoo.co.uk

- * Temporary roof like structures using paddy straw and bamboo may be prepared to protect nursery in open field from fog/ frost during morning hours.
- * Light watering may be done only when soil is dry as high soil moisture level will have an adverse effect on growth and health of the crops.
- * Mulching may be done wherever possible to retain soil moisture for longer period.
- * Hessians cloths may be used in sheds of birds and animals to protect it from decreasing night temperature.

*		

Field Crops							
Name of the crop	Stage		Pest and dise	ease	Agro-meteorological advisories		
Rice	Maturity to harvesting				- Maintain water level at 5-8 cm.		
and post harvesting stage					- Harvest when 80% of the spikelet is yellow after rains.		
		mge			- Drain out water from the crop field 10-15 days before expected date of harvesting.		
Rapeseed/Mustard/ Field					- Procure quality seeds from reliable source and sow in the field just after harvest of		
pea/ Lentil	sowing				rice/ soybean/ groundnut/ black gram or rice bean to utilize the residual moisture in the field.		
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		
Horticulture Crops					ensure that it is well ventilated. Avoid fungal growth.		
*	Ctoro		Pest and dise		A gree meteorelegical advisaries		
Name of the crop	Stage Nursery (late ver.),		Pest and dise	ease	Agro-meteorological advisories - Weeding may be done if weed population high to avoid insect pest and better growth		
Cole crops	transplanting to		on .		of the crop.		
	vegetative (main seas	on			- Monitor for insect pest in and around the crop field.		
	var.)	on			- Niomtor for insect pest in and around the crop field.		
Citrus	Bearing trees		Trunk borer		- 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.		
Animal Sciences	G.	г,	D: /				
Name of bird/ animal	Stage		Disease/		Agro-meteorological advisories		
Doultwy (Chiokon)	All aga graving		anagement idiosis	Cirro	Consimon @ 20/litro of drinking water for 5.7 days along with alvesse		
Poultry (Chicken/ Duck)	All age groups				Coccimar @ 2g/litre of drinking water for 5-7 days along with glucose.		
,		Dewo	orming	Use Ventrimizole @ 1g in 1 litre of drinking water for 3 days.			
Sheep/ Goat	All age groups	Dewo	orming	- Giv	re Ranizole suspension @ 3ml/ 10 kg body weight.		
	Fascioliosis		ioliosis	Give Tolzan-F @ 15ml orally/ kg b. wt. It must be associated with vitamins like Livozyme @			
		_			twice daily.		
Pig	All age groups except	Dewo	orming		Morantel citrate tablet (Banminth) @15mg/kg body weight.		
C-41	the young ones	X 7	•		Butox liquid @ 2 ml/ lit of water twice a week while brushing the animal.		
Cattle	Cattle All age groups Vaccina excepts the young ones						
					Butox liquid @ 2ml/ litre water twice a week while brushing animals. wes should not be allowed to drink milk from mothers if affected by FMD, it affects heart		
	Ones				es snould not be allowed to drink milk from mothers it affected by FMD, it affects heart cause even death of the calves.		
		Dewo			vorm with Nilzan/ Tolzan-F @20-30ml for 100 kg body weight.		
Fisheries		20110			2000 1 0 20 0 0 m 10 20 0		
Carp culture					one regularly by netting. Maintain water level at a depth of 1.0m to 1.5m. Ensure good		
	quality water in fish cu	lture p	onds by liming				