

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 (13th to 15th Nov, 2018) Observed no rainfall with mainly clear to partly cloudy sky but mainly cloudy during morning hours of 11th Nov. Maximum temperature recorded ranged from 25.3 - 26.6 °C and minimum of 8.8 – 10.2 °C with mean relative humidity 85.7 % max and 48.0 % min was recorded in the past three days & average wind speed was 1.1 - 3.0 km/hr.

Weather forecast for next five days of Bishnupur (17th to 21st Nov, 2018)

Date of issue: 16th November, 2018

Likely to have no rains upto Wednesday and shallow to moderate fog during morning hours in next 2-3 days & mainly clear to partly cloudy sky with maximum temp. 22-24 °C & minimum temp. 9-10 °C. Relative humidity may reach upto 100 % (max) and 40 % (min). The average wind speed may be 0-4 km/hr.

E-mail: agromet_mnp@yahoo.co.uk

- * After threshing, sundry the grains upto 12% moisture for storage. For seeds, treat it with Dichlorovos/ Carbendazim@ 2g/kg of seeds to avoid grain pest before
- * Light watering during morning hours may be done for young plants in nursery plots to avoid the adverse effects of fog/ frost.
- * Light irrigation may be given wherever required.

Field Crops								
Name of the crop	Stage	Pest and	disease	Agro-meteorological advisories				
Rapeseed/ mustard	Sowing to early vegetative			Apply 65kg Urea + 188kg SSP + 50kg MOP per hectare as basal dose before 1-2 days of sowing. Recommended variety – M-27. Seed rate is 10 kg/ ha. Treat seeds with Mancozeb @2g/kg seed for the control of white rust and Downey Mildew at seedling stage.				
Field pea	Sowing to early vegetative			- Land preparation may be done. Sowing may be done at a spacing of 30cm X 10cm. Seed rate is 80 kg/ hectare. Treat seeds with Dichlorovos/ Carbendazim@ 2g/ kg seeds.				
Lentil	Sowing			- Apply 22kg Urea + 250 kg SSP + 67 kg MOP per hectare at the time of sowing and 22kg of Urea after one month of sowing. Seed rate is 40kg/ha.				
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 and pest rodent in store. 				
Horticulture Crops								
Name of the crop	Stage	Pest and	disease	Agro-meteorological advisories				
Garden pea	Sowing to vegetative			- 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. - Avoid plucking off of young shoots.				
Onion	Nursery raising to lar preparation for transplanting	nd		- 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. harzianum. Check that the new sprouts/ young plants in nursery beds are not damaged Prepare land for transplanting 45-60 days old seedlings at a spacing of 10cm x 20cm.				
Garlic	Planting			- Garlic bulblets may be planted.				
Ginger/ Turmeric	Harvesting			- 9 months old crops may be harvested. Harvested crop must be kept under rain shelter sheds for curing.				
Animal Sciences	T							
Name of bird/ animal	Stage	Disease/ Management		Agro-meteorological advisories				
Poultry (Chicken/	All age groups	Coccidiosis	Give	e Coccimar @ 2g/litre of drinking water for 5-7 days along with glucose.				
Duck)		Deworming	Use	Use Ventrimizole @ 1g in 1 litre of drinking water for 3 days.				
		Care and Management		ls of sheds should be covered with polythene sheets/hessian cloths during the night. ers should be of 4.5 inches thick and stir it at regular interval.				
Sheep/ Goat	All age groups	Deworming	- Giv	- Give Ranizole suspension @ 3ml/ 10 kg body weight.				
		Vaccination		cinate against FMD, HS, BQ & Enterotoxaemia, etc.				
Pig	All age groups except	Deworming		Albendazole Plus Avermectin Table 6 mg/adult.				
	the young ones	Skin diseases	Prot solu	ect from skin disease by using Deltamethrin solution @2ml/lit. Of water and bath with the tion				
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			e Rafoxamide plus Levamizole (Rafox plus)/ Ranizole suspension @ 1ml/ 2kg body weight .5ml/ 10 kg body weight (Ranizole) in lower altitude.				
	Care and Management			ls must be kept dry. bedding materials				
Fisheries								
Carp culture	- Maintain water level at a depth of 1.0m to 1.5m. Fish stocking may be done in small scale. Feeds should be provided @ 3 % body weight per day. Harvesting of fishes may be done. Select disease free fishes to be stocked as brooder.							



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 (13th to 15th Nov, 2018) Observed no rainfall with mainly clear to partly cloudy sky but mainly cloudy during morning hours of 11th Nov. Maximum temperature recorded ranged from 25.3 - 26.6 °C and minimum of 8.8 – 10.2 °C with mean relative humidity 85.7 % max and 48.0 % min was recorded in the past three days & average wind speed was 1.1 - 3.0 km/hr.

Weather forecast for next five days of Chandel (17th to 21st Nov, 2018)

Date of issue: 16th November, 2018

E-mail: agromet_mnp@yahoo.co.uk

Likely to have no rains upto Wednesday and shallow to moderate fog during morning hours in next 2-3 days & mainly clear to partly cloudy sky with maximum temp. 22-24 °C & minimum temp. 9-10 °C. Relative humidity may reach upto 99 % (max) and 44 % (min). The average wind speed may be 3-5 km/hr.

- * After threshing, sundry the grains upto 12% moisture for storage. For seeds, treat it with Dichlorovos/ Carbendazim@ 2g/kg of seeds to avoid grain pest before
- * Light watering during morning hours may be done for young plants in nursery plots to avoid the adverse effects of fog/ frost.
- * Light irrigation may be given wherever required.

Field Crops						
Name of the crop	Stage		Pest and diseas	se	Agro-meteorological advisories	
Rapeseed/ mustard	Sowing to early vegetative				Apply 65kg Urea + 188kg SSP + 50kg MOP per hectare as basal dose before 1-2 days of sowing. Recommended variety – M-27. Seed rate is 10 kg/ ha. Treat seeds with Mancozeb @2g/kg seed for the control of white rust and Downey Mildew at seedling stage.	
Field pea	Sowing to early vegetative				- Land preparation may be done. Sowing may be done at a spacing of 30cm X 10cm. Seed rate is 80 kg/ hectare. Treat seeds with Dichlorovos/ Carbendazim@ 2g/ kg seeds.	
Lentil	Sowing				- Apply 22kg Urea + 250 kg SSP + 67 kg MOP per hectare at the time of sowing and 22kg of Urea after one month of sowing. Seed rate is 40 kg/ha.	
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 and pest rodent in store. 	
Horticulture Crops						
Name of the crop	Stage		Pest and diseas	se	Agro-meteorological advisories	
Garden pea	Sowing to vegetative				 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. Avoid plucking off of young shoots. 	
Onion	Nursery raising to lar preparation for transplanting	and			 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. harzianum. Check that the new sprouts/ young plants in nursery beds are not damaged. Prepare land for transplanting 45-60 days old seedlings at a spacing of 10cm x 20cm. 	
Garlic	Planting				- Garlic bulblets may be planted.	
Ginger/ Turmeric	Harvesting				- 9 months old crops may be harvested. Harvested crop must be kept under rain shelter sheds for curing.	
Animal Sciences		·				
Name of bird/ animal	Stage	Mana	sease/ agement		Agro-meteorological advisories	
Poultry (Chicken/	All age groups	Coccid	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.		
		Care a			of sheds should be covered with polythene sheets/hessian cloths during the night. s should be of 4.5 inches thick and stir it at regular interval.	
Sheep/ Goat	All age groups	Dewor	ming -	Give	Ranizole suspension @ 3ml/ 10 kg body weight.	
		Vaccin			nate against FMD, HS, BQ & Enterotoxaemia, etc.	
Pig	All age groups except	Dewor			dazole Plus Avermectin Table 6 mg/adult.	
	the young ones	Skin di	so	olutio		
Cattle	All age groups	Vaccin		Vaccinate against B.Q., F.M.D. & H.S. if not yet vaccinated.		
	excepts the young ones	Tick			utox liquid @ 2ml/ litre water twice a week while brushing animals. Rafoxamide plus Levamizole (Rafox plus)/ Ranizole suspension @ 1ml/ 2kg body weight	
	ones		or 5.		ml/ 10 kg body weight (Ranizole) in lower altitude.	
	Management Use				must be kept dry. edding materials	
Fisheries						
Carp culture		-			ish stocking may be done in small scale. Feeds should be provided @ 3 % body weight isease free fishes to be stocked as brooder.	



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 (13th to 15th Nov, 2018) Observed no rainfall with mainly clear to partly cloudy sky but mainly cloudy during morning hours of 11th Nov. Maximum temperature recorded ranged from 25.3 - 26.6 °C and minimum of 8.8-10.2 °C with mean relative humidity 85.7 % max and 48.0 % min was recorded in the past three days & average wind speed was 1.1 - 3.0 km/hr.

Weather forecast for next five days of Churachandpur (17th to 21st Nov.

Date of issue: 16th November, 2018

Likely to have no rains upto Wednesday and shallow to moderate fog during morning hours in next 2-3 days & mainly clear to partly cloudy sky with maximum temp. 22-24 °C & minimum temp. 9-10 °C. Relative humidity may reach upto 100 % (max) and 38 % (min). The average wind speed may be 2-4 km/hr.

E-mail: agromet_mnp@yahoo.co.uk

- * After threshing, sundry the grains upto 12% moisture for storage. For seeds, treat it with Dichlorovos/ Carbendazim@ 2g/ kg of seeds to avoid grain pest before storage.
- * Light watering during morning hours may be done for young plants in nursery plots to avoid the adverse effects of fog/ frost.
- * Light irrigation may be given wherever required.

Field Crops							
Name of the crop	Stage		Pest and dis	ease	Agro-meteorological advisories		
Rapeseed/ mustard	Sowing to early vegetative		Test and dis	casc	Apply 65kg Urea + 188kg SSP + 50kg MOP per hectare as basal dose before 1-2 days of sowing. Recommended variety – M-27. Seed rate is 10 kg/ha. Treat seeds with Mancozeb @2g/kg seed for the control of white rust and Downey Mildew at seedling stage.		
Field pea	Sowing to early vegetative				- Land preparation may be done. Sowing may be done at a spacing of 30cm X 10cm. Seed rate is 80 kg/ hectare. Treat seeds with Dichlorovos/ Carbendazim@ 2g/ kg seeds.		
Lentil	Sowing				- Apply 22kg Urea + 250 kg SSP + 67 kg MOP per hectare at the time of sowing and 22kg of Urea after one month of sowing. Seed rate is 40kg/ha.		
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 and pest rodent in store. 		
Horticulture Crops							
Name of the crop	Stage		Pest and dis	ease	Agro-meteorological advisories		
Garden pea	Sowing to vegetative				- 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. - Avoid plucking off of young shoots.		
Onion	Nursery raising to lar preparation for transplanting	land			- 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. harzianum. Check that the new sprouts/ young plants in nursery beds are not damaged Prepare land for transplanting 45-60 days old seedlings at a spacing of 10cm x 20cm.		
Garlic	Planting				- Garlic bulblets may be planted.		
Ginger/ Turmeric	Harvesting				- 9 months old crops may be harvested. Harvested crop must be kept under rain shelter sheds for curing.		
Animal Sciences							
Name of bird/ animal	Stage		Disease/ anagement		Agro-meteorological advisories		
Poultry (Chicken/ Duck)	All age groups		cidiosis		Coccimar @ 2g/litre of drinking water for 5-7 days along with glucose.		
2 4011)		Deworming		Use Ventrimizole @ 1g in 1 litre of drinking water for 3 days.			
			and agement		s of sheds should be covered with polythene sheets/hessian cloths during the night. rs should be of 4.5 inches thick and stir it at regular interval.		
Sheep/ Goat	All age groups	Dew	orming	- Giv	e Ranizole suspension @ 3ml/ 10 kg body weight.		
		Vacc	cination	Vacc	inate against FMD, HS, BQ & Enterotoxaemia, etc.		
Pig	All age groups except		orming		ndazole Plus Avermectin Table 6 mg/adult.		
	the young ones	Skin			ect from skin disease by using Deltamethrin solution @2ml/lit. Of water and bath with the ion		
Cattle	All age groups	1.00		Vacc	inate against B.Q., F.M.D. & H.S. if not yet vaccinated.		
	excepts the young	Tick Us			Jse Butox liquid @ 2ml/ litre water twice a week while brushing animals.		
	ones Deworming		or 5.5	Rafoxamide plus Levamizole (Rafox plus)/ Ranizole suspension @ 1ml/ 2kg body weight 5ml/ 10 kg body weight (Ranizole) in lower altitude.			
		Care and Si			Sheds must be kept dry.		
T1 1 1		Man	agement	Use k	pedding materials		
Fisheries	Maintain material	4 - 3	-4h -61 0 4	1 5 1			
Carp culture					Fish stocking may be done in small scale. Feeds should be provided @ 3 % body weight lisease free fishes to be stocked as brooder.		



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 (13th to 15th Nov, 2018) Observed no rainfall with mainly clear to partly cloudy sky but mainly cloudy during morning hours of 11th Nov. Maximum temperature recorded ranged from 25.3 - 26.6 °C and minimum of 8.8 – 10.2 °C with mean relative humidity 85.7 % max and 48.0 % min was recorded in the past three days & average wind speed was 1.1 - 3.0 km/hr.

Weather forecast for next five days of Imphal East (17th to 21st Nov, 2018)

Date of issue: 16th November, 2018

Likely to have no rains upto Wednesday and shallow to moderate fog during morning hours in next 2-3 days & mainly clear to partly cloudy sky with maximum temp. 23-25 °C & minimum temp. 9-10 °C. Relative humidity may reach upto 100 % (max) and 43 % (min). The average wind speed may be 0-2 km/hr.

E-mail: agromet_mnp@yahoo.co.uk

- * After threshing, sundry the grains upto 12% moisture for storage. For seeds, treat it with Dichlorovos/ Carbendazim@ 2g/kg of seeds to avoid grain pest before
- * Light watering during morning hours may be done for young plants in nursery plots to avoid the adverse effects of fog/ frost.
- * Light irrigation may be given wherever required.

Field Crops						
Name of the crop	Stage		Pest and dise	ease	Agro-meteorological advisories	
Rapeseed/ mustard	Sowing to early vegetative				Apply 65kg Urea + 188kg SSP + 50kg MOP per hectare as basal dose before 1-2 days of sowing. Recommended variety – M-27. Seed rate is 10 kg/ha. Treat seeds with Mancozeb @2g/kg seed for the control of white rust and Downey Mildew at seedling stage.	
Field pea	Sowing to early vegetative				- Land preparation may be done. Sowing may be done at a spacing of 30cm X 10cm. Seed rate is 80 kg/ hectare. Treat seeds with Dichlorovos/ Carbendazim@ 2g/ kg seeds.	
Lentil	Sowing				- Apply 22kg Urea + 250 kg SSP + 67 kg MOP per hectare at the time of sowing and 22kg of Urea after one month of sowing. Seed rate is 40kg/ha.	
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 and pest rodent in store. 	
Horticulture Crops						
Name of the crop	Stage		Pest and dise	ease	Agro-meteorological advisories	
Garden pea	Sowing to vegetative				- 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. - Avoid plucking off of young shoots.	
Onion	Nursery raising to lar preparation for transplanting	ad			- 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. harzianum. Check that the new sprouts/ young plants in nursery beds are not damaged Prepare land for transplanting 45-60 days old seedlings at a spacing of 10cm x 20cm.	
Garlic	Planting				- Garlic bulblets may be planted.	
Ginger/ Turmeric	Harvesting				- 9 months old crops may be harvested. Harvested crop must be kept under rain shelter sheds for curing.	
Animal Sciences						
Name of bird/ animal	Stage	Ma	Disease/ nagement		Agro-meteorological advisories	
Poultry (Chicken/ Duck)	All age groups		idiosis		Coccimar @ 2g/litre of drinking water for 5-7 days along with glucose. Ventrimizole @ 1g in 1 litre of drinking water for 3 days.	
		Deworming		•		
		Care Mana	and agement	Litte	s of sheds should be covered with polythene sheets/hessian cloths during the night. rs should be of 4.5 inches thick and stir it at regular interval.	
Sheep/ Goat	All age groups		orming ination		e Ranizole suspension @ 3ml/ 10 kg body weight. inate against FMD, HS, BQ & Enterotoxaemia, etc.	
Tr.	An		*** *			
Pig	All age groups except the young ones		orming diseases		ndazole Plus Avermectin Table 6 mg/adult. ect from skin disease by using Deltamethrin solution @2ml/lit. Of water and bath with the	
				soluti		
Cattle	All age groups		Vaccination Vacc		inate against B.Q., F.M.D. & H.S. if not yet vaccinated.	
	excepts the young ones				se Butox liquid @ 2ml/ litre water twice a week while brushing animals. ive Rafoxamide plus Levamizole (Rafox plus)/ Ranizole suspension @ 1ml/ 2kg body weight	
	ones.				5ml/ 10 kg body weight (Ranizole) in lower altitude.	
			Care and Shee		s must be kept dry.	
		Mana			pedding materials	
Fisheries						
Carp culture					Fish stocking may be done in small scale. Feeds should be provided @ 3 % body weight lisease free fishes to be stocked as brooder.	



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 (13^{th} to 15^{th} Nov, 2018) Observed no rainfall with mainly clear to partly cloudy sky but mainly cloudy during morning hours of 11^{th} Nov. Maximum temperature recorded ranged from 25.3 - 26.6 °C and minimum of 8.8 - 10.2 °C with mean relative humidity 85.7 % max and 48.0 % min was recorded in the past three days & average wind speed was 1.1 - 3.0 km/hr.

Date of issue: 16th November, 2018

Likely to have no rains upto Wednesday and shallow to moderate fog during morning hours in next 2-3 days & mainly clear to partly cloudy sky with maximum temp. 22-24 $^{\circ}$ C & minimum temp. 9-10 $^{\circ}$ C. Relative humidity may reach upto 100 $^{\circ}$ C (max) and 39 $^{\circ}$ C (min). The average wind speed may be 4 km/hr.

Weather forecast for next five days of Imphal West (17th to 21st Nov, 2018)

- * After threshing, sundry the grains upto 12% moisture for storage. For seeds, treat it with Dichlorovos/ Carbendazim@ 2g/ kg of seeds to avoid grain pest before storage.
- * Light watering during morning hours may be done for young plants in nursery plots to avoid the adverse effects of fog/ frost.
- * Light irrigation may be given wherever required.

Field Crops						
Name of the crop	Stage	Pest and d	lisease	Agro-meteorological advisories		
Rapeseed/ mustard	Sowing to early vegetative			Apply 65kg Urea + 188kg SSP + 50kg MOP per hectare as basal dose before 1-2 days of sowing. Recommended variety – M-27. Seed rate is 10 kg/ha. Treat seeds with Mancozeb @2g/kg seed for the control of white rust and Downey Mildew at seedling stage.		
Field pea	Sowing to early vegetative			- Land preparation may be done. Sowing may be done at a spacing of 30cm X 10cm. Seed rate is 80 kg/ hectare. Treat seeds with Dichlorovos/ Carbendazim@ 2g/ kg seeds.		
Lentil	Sowing			- Apply 22kg Urea + 250 kg SSP + 67 kg MOP per hectare at the time of sowing and 22kg of Urea after one month of sowing. Seed rate is 40kg/ha.		
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 and pest rodent in store. 		
Horticulture Crops						
Name of the crop	Stage	Pest and d	lisease	Agro-meteorological advisories		
Garden pea	Sowing to vegetative			- 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. - Avoid plucking off of young shoots.		
Onion	Nursery raising to lar preparation for transplanting	nd		- 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. harzianum. Check that the new sprouts/ young plants in nursery beds are not damaged Prepare land for transplanting 45-60 days old seedlings at a spacing of 10cm x 20cm.		
Garlic	Planting			- Garlic bulblets may be planted.		
Ginger/ Turmeric	Harvesting			- 9 months old crops may be harvested. Harvested crop must be kept under rain shelter sheds for curing.		
Animal Sciences						
Name of bird/ animal	Stage	Disease/ Management		Agro-meteorological advisories		
Poultry (Chicken/	All age groups	Coccidiosis	Give	Give Coccimar @ 2g/litre of drinking water for 5-7 days along with glucose.		
Duck)		Deworming	Use V	Use Ventrimizole @ 1g in 1 litre of drinking water for 3 days.		
		Care and Management		s of sheds should be covered with polythene sheets/hessian cloths during the night. rs should be of 4.5 inches thick and stir it at regular interval.		
Sheep/ Goat	All age groups	Deworming	- Giv	re Ranizole suspension @ 3ml/ 10 kg body weight.		
		Vaccination	Vacc	inate against FMD, HS, BQ & Enterotoxaemia, etc.		
Pig	All age groups except	Deworming	_	ndazole Plus Avermectin Table 6 mg/adult.		
	the young ones	Skin diseases		Protect from skin disease by using Deltamethrin solution @2ml/lit. Of water and bath with the solution		
Cattle	All age groups	Vaccination	Vacc	inate against B.Q., F.M.D. & H.S. if not yet vaccinated.		
	excepts the young	Tick	Use Butox liquid @ 2ml/ litre water twice a week while brushing animals.			
	ones	Deworming	or 5.	e Rafoxamide plus Levamizole (Rafox plus)/ Ranizole suspension @ 1ml/ 2kg body weight .5ml/ 10 kg body weight (Ranizole) in lower altitude.		
	Care and Management			s must be kept dry. bedding materials		
Fisheries						
Carp culture				Fish stocking may be done in small scale. Feeds should be provided @ 3 % body weight lisease free fishes to be stocked as brooder.		



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 (13th to 15th Nov, 2018) Observed no rainfall with mainly clear to partly cloudy sky but mainly cloudy during morning hours of 11th Nov. Maximum temperature recorded ranged from 25.3 - 26.6 °C and minimum of 8.8 – 10.2 °C with mean relative humidity 85.7 % max and 48.0 % min was recorded in the past three days & average wind speed was 1.1 - 3.0 km/hr.

Weather forecast for next five days of Senapati (17th to 21st Nov, 2018)

Date of issue: 16th November, 2018

E-mail: agromet_mnp@yahoo.co.uk

Likely to have no rains upto Wednesday and shallow to moderate fog during morning hours in next 2-3 days & mainly clear to partly cloudy sky with maximum temp. 20 °C & minimum temp. 7 °C. Relative humidity may reach upto 100 % (max) and 57 % (min). The average wind speed may be

- * After threshing, sundry the grains upto 12% moisture for storage. For seeds, treat it with Dichlorovos/ Carbendazim@ 2g/kg of seeds to avoid grain pest before
- * Light watering during morning hours may be done for young plants in nursery plots to avoid the adverse effects of fog/ frost.
- * Light irrigation may be given wherever required. Moderately dry conditions were experienced in Senapati district of Manipur

Field Crops							
Name of the crop	Stage	Pest and d	isease	Agro-meteorological advisories			
Rapeseed/ mustard	Sowing to early vegetative			Apply 65kg Urea + 188kg SSP + 50kg MOP per hectare as basal dose before 1-2 days of sowing. Recommended variety – M-27. Seed rate is 10 kg/ ha. Treat seeds with Mancozeb @2g/kg seed for the control of white rust and Downey Mildew at seedling stage.			
Field pea	Sowing to early vegetative			- Land preparation may be done. Sowing may be done at a spacing of 30cm X 10cm. Seed rate is 80 kg/ hectare. Treat seeds with Dichlorovos/ Carbendazim@ 2g/ kg seeds.			
Lentil	Sowing			- Apply 22kg Urea + 250 kg SSP + 67 kg MOP per hectare at the time of sowing and 22kg of Urea after one month of sowing. Seed rate is 40kg/ha.			
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 and pest rodent in store. 			
Horticulture Crops							
Name of the crop	Stage	Pest and d	isease	Agro-meteorological advisories			
Garden pea	Sowing to vegetative			- 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. - Avoid plucking off of young shoots.			
Onion	Nursery raising to lar preparation for transplanting	nd		- 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. harzianum. Check that the new sprouts/ young plants in nursery beds are not damaged Prepare land for transplanting 45-60 days old seedlings at a spacing of 10cm x 20cm.			
Garlic	Planting			- Garlic bulblets may be planted.			
Ginger/ Turmeric	Harvesting			- 9 months old crops may be harvested. Harvested crop must be kept under rain shelter sheds for curing.			
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.			
		Care and		s of sheds should be covered with polythene sheets/hessian cloths during the night.			
Sheep/ Goat	All age groups	Management Deworming		rs should be of 4.5 inches thick and stir it at regular interval. re Ranizole suspension @ 3ml/10 kg body weight.			
Sheep, Godt	in age groups	Vaccination		cinate against FMD, HS, BQ & Enterotoxaemia, etc.			
Pig	All age groups except	Deworming	Albe	ndazole Plus Avermectin Table 6 mg/adult.			
•	the young ones	Skin diseases		ect from skin disease by using Deltamethrin solution @2ml/lit. Of water and bath with the			
Cattle	All age groups	Vaccination		Vaccinate against B.Q., F.M.D. & H.S. if not yet vaccinated.			
	excepts the young	Tick	Use l	Butox liquid @ 2ml/ litre water twice a week while brushing animals.			
	ones			Rafoxamide plus Levamizole (Rafox plus)/ Ranizole suspension @ 1ml/ 2kg body weight 5ml/ 10 kg body weight (Ranizole) in lower altitude.			
		Care and Management		ls must be kept dry. bedding materials			
Fisheries							
Carp culture	- Maintain water level at a depth of 1.0m to 1.5m. Fish stocking may be done in small scale. Feeds should be provided @ 3 % body weight per day. Harvesting of fishes may be done. Select disease free fishes to be stocked as brooder.						



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 (13th to 15th Nov, 2018) Observed no rainfall with mainly clear to partly cloudy sky but mainly cloudy during morning hours of 11th Nov. Maximum temperature recorded ranged from 25.3 - 26.6 °C and minimum of 8.8 – 10.2 °C with mean relative humidity 85.7 % max and 48.0 % min was recorded in the past three days & average wind speed was 1.1 - 3.0 km/hr.

Weather forecast for next five days of Tamenglong (17th to 21st Nov, 2018)

Date of issue: 16th November, 2018

Likely to have no rains upto Wednesday and shallow to moderate fog during morning hours in next 2-3 days & mainly clear to partly cloudy sky with maximum temp. 20 °C & minimum temp. 7 °C. Relative humidity may reach upto 100 % (max) and 45 % (min). The average wind speed may be 3

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- * After threshing, sundry the grains upto 12% moisture for storage. For seeds, treat it with Dichlorovos/ Carbendazim@ 2g/kg of seeds to avoid grain pest before
- * Light watering during morning hours may be done for young plants in nursery plots to avoid the adverse effects of fog/ frost.
- * Light irrigation may be given wherever required.

Field Crops								
Name of the crop	Stage	Pest and	disease	Agro-meteorological advisories				
Rapeseed/ mustard	Sowing to early vegetative			Apply 65kg Urea + 188kg SSP + 50kg MOP per hectare as basal dose before 1-2 days of sowing. Recommended variety – M-27. Seed rate is 10 kg/ ha. Treat seeds with Mancozeb @2g/kg seed for the control of white rust and Downey Mildew at seedling stage.				
Field pea	Sowing to early vegetative			- Land preparation may be done. Sowing may be done at a spacing of 30cm X 10cm. Seed rate is 80 kg/ hectare. Treat seeds with Dichlorovos/ Carbendazim@ 2g/ kg seeds.				
Lentil	Sowing			- Apply 22kg Urea + 250 kg SSP + 67 kg MOP per hectare at the time of sowing and 22kg of Urea after one month of sowing. Seed rate is 40kg/ha.				
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 and pest rodent in store. 				
Horticulture Crops								
Name of the crop	Stage	Pest and	disease	Agro-meteorological advisories				
Garden pea	Sowing to vegetative			- 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. - Avoid plucking off of young shoots.				
Onion	Nursery raising to lar preparation for transplanting	nd		- 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. harzianum. Check that the new sprouts/ young plants in nursery beds are not damaged Prepare land for transplanting 45-60 days old seedlings at a spacing of 10cm x 20cm.				
Garlic	Planting			- Garlic bulblets may be planted.				
Ginger/ Turmeric	Harvesting			- 9 months old crops may be harvested. Harvested crop must be kept under rain shelter sheds for curing.				
Animal Sciences	T							
Name of bird/ animal	Stage	Disease/ Management		Agro-meteorological advisories				
Poultry (Chicken/	All age groups	Coccidiosis	Give	e Coccimar @ 2g/litre of drinking water for 5-7 days along with glucose.				
Duck)		Deworming	Use	Use Ventrimizole @ 1g in 1 litre of drinking water for 3 days.				
		Care and Management		ls of sheds should be covered with polythene sheets/hessian cloths during the night. ers should be of 4.5 inches thick and stir it at regular interval.				
Sheep/ Goat	All age groups	Deworming	- Giv	- Give Ranizole suspension @ 3ml/ 10 kg body weight.				
		Vaccination		cinate against FMD, HS, BQ & Enterotoxaemia, etc.				
Pig	All age groups except	Deworming		Albendazole Plus Avermectin Table 6 mg/adult.				
	the young ones	Skin diseases	Prot solu	ect from skin disease by using Deltamethrin solution @2ml/lit. Of water and bath with the tion				
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			e Rafoxamide plus Levamizole (Rafox plus)/ Ranizole suspension @ 1ml/ 2kg body weight .5ml/ 10 kg body weight (Ranizole) in lower altitude.				
	Care and Management			ls must be kept dry. bedding materials				
Fisheries								
Carp culture	- Maintain water level at a depth of 1.0m to 1.5m. Fish stocking may be done in small scale. Feeds should be provided @ 3 % body weight per day. Harvesting of fishes may be done. Select disease free fishes to be stocked as brooder.							



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 (13^{th} to 15^{th} Nov, 2018) Observed no rainfall with mainly clear to partly cloudy sky but mainly cloudy during morning hours of 11^{th} Nov. Maximum temperature recorded ranged from 25.3 - 26.6 °C and minimum of 8.8 - 10.2 °C with mean relative humidity 85.7 % max and 48.0 % min was recorded in the past three days & average wind speed was 1.1 - 3.0 km/hr.

Weather forecast for next five days of Thoubal (17th to 21st Nov, 2018)

Date of issue: 16th November, 2018

Likely to have no rains upto Wednesday and shallow to moderate fog during morning hours in next 2-3 days & mainly clear to partly cloudy sky with maximum temp. 22-24 $^{\circ}$ C & minimum temp. 9-10 $^{\circ}$ C. Relative humidity may reach upto 100 % (max) and 45 % (min). The average wind speed may be 2-4 km/hr.

- * After threshing, sundry the grains upto 12% moisture for storage. For seeds, treat it with Dichlorovos/ Carbendazim@ 2g/ kg of seeds to avoid grain pest before storage.
- * Light watering during morning hours may be done for young plants in nursery plots to avoid the adverse effects of fog/ frost.
- * Light irrigation may be given wherever required.

Field Crops						
Name of the crop	Stage	Pest and d	lisease	Agro-meteorological advisories		
Rapeseed/ mustard	Sowing to early vegetative			Apply 65kg Urea + 188kg SSP + 50kg MOP per hectare as basal dose before 1-2 days of sowing. Recommended variety – M-27. Seed rate is 10 kg/ha. Treat seeds with Mancozeb @2g/kg seed for the control of white rust and Downey Mildew at seedling stage.		
Field pea	Sowing to early vegetative			- Land preparation may be done. Sowing may be done at a spacing of 30cm X 10cm. Seed rate is 80 kg/ hectare. Treat seeds with Dichlorovos/ Carbendazim@ 2g/ kg seeds.		
Lentil	Sowing			- Apply 22kg Urea + 250 kg SSP + 67 kg MOP per hectare at the time of sowing and 22kg of Urea after one month of sowing. Seed rate is 40kg/ha.		
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 and pest rodent in store. 		
Horticulture Crops						
Name of the crop	Stage	Pest and d	lisease	Agro-meteorological advisories		
Garden pea	Sowing to vegetative			- 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. - Avoid plucking off of young shoots.		
Onion	Nursery raising to lar preparation for transplanting	nd		- 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. harzianum. Check that the new sprouts/ young plants in nursery beds are not damaged Prepare land for transplanting 45-60 days old seedlings at a spacing of 10cm x 20cm.		
Garlic	Planting			- Garlic bulblets may be planted.		
Ginger/ Turmeric	Harvesting			- 9 months old crops may be harvested. Harvested crop must be kept under rain shelter sheds for curing.		
Animal Sciences						
Name of bird/ animal	Stage	Disease/ Management		Agro-meteorological advisories		
Poultry (Chicken/	All age groups	Coccidiosis	Give	Give Coccimar @ 2g/litre of drinking water for 5-7 days along with glucose.		
Duck)		Deworming	Use V	Use Ventrimizole @ 1g in 1 litre of drinking water for 3 days.		
		Care and Management		s of sheds should be covered with polythene sheets/hessian cloths during the night. rs should be of 4.5 inches thick and stir it at regular interval.		
Sheep/ Goat	All age groups	Deworming	- Giv	re Ranizole suspension @ 3ml/ 10 kg body weight.		
		Vaccination	Vacc	inate against FMD, HS, BQ & Enterotoxaemia, etc.		
Pig	All age groups except	Deworming	_	ndazole Plus Avermectin Table 6 mg/adult.		
	the young ones	Skin diseases		Protect from skin disease by using Deltamethrin solution @2ml/lit. Of water and bath with the solution		
Cattle	All age groups	Vaccination	Vacc	inate against B.Q., F.M.D. & H.S. if not yet vaccinated.		
	excepts the young	Tick	Use Butox liquid @ 2ml/ litre water twice a week while brushing animals.			
	ones	Deworming	or 5.	e Rafoxamide plus Levamizole (Rafox plus)/ Ranizole suspension @ 1ml/ 2kg body weight .5ml/ 10 kg body weight (Ranizole) in lower altitude.		
	Care and Management			s must be kept dry. bedding materials		
Fisheries						
Carp culture				Fish stocking may be done in small scale. Feeds should be provided @ 3 % body weight lisease free fishes to be stocked as brooder.		



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 (13^{th} to 15^{th} Nov, 2018) Observed no rainfall with mainly clear to partly cloudy sky but mainly cloudy during morning hours of 11^{th} Nov. Maximum temperature recorded ranged from 25.3 - 26.6 °C and minimum of 8.8 - 10.2 °C with mean relative humidity 85.7 % max and 48.0 % min was recorded in the past three days & average wind speed was 1.1 - 3.0 km/hr.

Weather forecast for next five days of Ukhrul (17th to 21st Nov, 2018)

Date of issue: 16th November, 2018

Likely to have no rains upto Wednesday and shallow to moderate fog during morning hours in next 2-3 days & mainly clear to partly cloudy sky with maximum temp. 20 $^{\circ}$ C & minimum temp. 7 $^{\circ}$ C. Relative humidity may reach upto 99 % (max) and 52 % (min). The average wind speed may be 3-4 km/hr.

- * After threshing, sundry the grains upto 12% moisture for storage. For seeds, treat it with Dichlorovos/ Carbendazim@ 2g/ kg of seeds to avoid grain pest before storage.
- * Light watering during morning hours may be done for young plants in nursery plots to avoid the adverse effects of fog/ frost.
- * Light irrigation may be given wherever required. Moderately dry conditions were experienced in Senapati district of Manipur

Field Crops							
Name of the crop	Stage		Pest and disea	ase	Agro-meteorological advisories		
Rapeseed/ mustard	Sowing to early				Apply 65kg Urea + 188kg SSP + 50kg MOP per hectare as basal dose before 1-2 days of		
	vegetative				sowing. Recommended variety – M-27. Seed rate is 10 kg/ ha.		
					Treat seeds with Mancozeb @2g/kg seed for the control of white rust and Downey		
					Mildew at seedling stage.		
Field pea	Sowing to early				- Land preparation may be done. Sowing may be done at a spacing of 30cm X 10cm.		
	vegetative				Seed rate is 80 kg/ hectare. Treat seeds with Dichlorovos/ Carbendazim@ 2g/ kg seeds.		
Lentil	Sowing				- Apply 22kg Urea + 250 kg SSP + 67 kg MOP per hectare at the time of sowing and		
G 1					22kg of Urea after one month of sowing. Seed rate is 40kg/ha.		
Seeds storage	Post-harvest				- For seed purpose store the seeds in <i>RC-Seed Bin</i> 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 well rentificed. Avoid tungal growth and pest rodent in store.		
*	Store	1	Post and disca	200	Agra mateavalagical advisarios		
Name of the crop	Stage Sowing to vogototive		Pest and disea	ase	Agro-meteorological advisories - Sowing of Garden pea may be done at a spacing of 10cm x 20cm. Before sowing, treat		
Garden pea	Sowing to vegetative				seeds with Rhizobium <i>leguminosarum</i> or follow soil inoculation with phosphor-		
					bacterium. Maintain the depth of sowing to 2-3cm. Avoid shade area while sowing.		
					- Avoid plucking off of young shoots.		
Onion	Nursery raising to land				- Apply Sixer during final land preparation of nursery plot as preventive measures		
	preparation for	-			against soil borne diseases. For 25 sq. m area, we need ½ kg seeds. Treat seeds with T.		
	transplanting				harzianum. Check that the new sprouts/ young plants in nursery beds are not damaged.		
					- Prepare land for transplanting 45-60 days old seedlings at a spacing of 10cm x 20cm.		
Garlic	Planting				- Garlic bulblets may be planted.		
Ginger/ Turmeric	Harvesting				- 9 months old crops may be harvested. Harvested crop must be kept under rain shelter		
					sheds for curing.		
Animal Sciences	T	T					
Name of bird/ animal	Stage		isease/		Agro-meteorological advisories		
D. H. (Clin)	4.33		nagement	<u>~:</u>	O 1 O 2 PM 01111 4 0 7 M 1 1 1 1 1		
Poultry (Chicken/	All age groups	Coccio	liosis	Give Coccimar @ 2g/litre of drinking water for 5-7 days along with glucose.			
Duck)		Dewor	eworming Use '		Ventrimizole @ 1g in 1 litre of drinking water for 3 days.		
		Care a	and '	Walls of sheds should be covered with polythene sheets/hessian cloths during the night.			
					rs should be of 4.5 inches thick and stir it at regular interval.		
Sheep/ Goat	All age groups	Dewor			e Ranizole suspension @ 3ml/ 10 kg body weight.		
		Vaccir	nation Vaccina		inate against FMD, HS, BQ & Enterotoxaemia, etc.		
70							
Pig	All age groups except	Dewor			ndazole Plus Avermectin Table 6 mg/adult.		
	the young ones	Skin d		Protect from skin disease by using Deltamethrin solution @2ml/lit. Of water and bath with the			
Cattle	A11	X/		soluti			
Cattle	All age groups	Vaccir		Vaccinate 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. Rafoxamide plus Levamizole (Rafox plus)/ Ranizole suspension @ 1ml/ 2kg body weight		
	Olics	Dewor			maioxamide plus Levamizole (Raiox plus)/ Ramizole suspension @ 1mi/2kg body weight (Sml/10 kg body weight (Ranizole) in lower altitude.		
	Care and			s must be kept dry.			
					edding materials		
Fisheries			5	ose n	www.man		
Carp culture	- Maintain water level a	at a dent	th of 1.0m to 1.	5m. I	Fish stocking may be done in small scale. Feeds should be provided @ 3 % body weight		
on-p contact					lisease free fishes to be stocked as brooder.		
	1						