

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 (16th to 19th Nov, 2018) Observed no rainfall with shallow fog during morning hours except on 18th morning with cloudy sky and mainly clear to partly cloudy sky during afternoon hours. Maximum temperature recorded ranged from 24.6 – 25.4 °C and minimum of 7.0 – 11.6 °C with mean relative humidity 87.3 % max and 44.8 % min was recorded in the past three days & average wind speed was 1.4 - 2.2 km/hr.

Weather forecast for next five days of Bishnupur (21st to 25th Nov, 2018)

Date of issue: 20th November, 2018

E-mail: agromet_mnp@yahoo.co.uk

Likely to have no rains upto Sunday and shallow to moderate fog during morning hours in next 2 days & mainly clear to partly cloudy sky with maximum temp. 23-25 °C & minimum temp. 7-9 °C. Relative humidity may reach upto 85 % (max) and 36 % (min). The average wind speed may be 3-

- * 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	diconce	Agro-meteorological advisories		
Rapeseed/ mustard	Sowing to early	rest and	uisease	- Keep the soil moist throughout the vegetative stage. Monitor for insect pest infestation.		
	vegetative					
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			- 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 weigh		
				of charcoal and dry if required.		
				- Clean godowns and spray with 1% Malathion on the walls before storage; also ensur 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	Vegetative			- Regularly monitor for soil moisture level in the crop field and insect pest infestation Avoid plucking off of young shoots.		
Cole Crops	Curd/ head formation	1 to		- Keep the soil moist throughout the vegetative stage. Monitor for insect pest infestation		
	harvesting of mid-sea			- Transplanting of late variety of cole crops may be done at a spacing of row to row 45		
	var. and transplantin	g of		60 cm and plant to plant 45cm.		
	late variety			- Apply 108kg Urea+563kg SSP+100kg MOP per hectare and 108 kg Urea after		
Onion	Nursery raising to lar	nd.		month of transplanting. - Apply Sixer during final land preparation of nursery plot as preventive measure		
Omon	preparation for	ıu		against soil borne diseases. For 25 sq. m area, we need ½ kg seeds. Treat seeds with 7		
	transplanting			harzianum. Check that the new sprouts/ young plants in nursery beds are not damaged.		
	transparing			- Prepare land for transplanting 45-60 days old seedlings at a spacing of 10cm x 20cm.		
Garlic	Planting			- Garlic bulblets may be planted.		
				- Monitor for water requirement in the field.		
Animal Sciences						
Name of bird/ animal	Stage	Disease/		Agro-meteorological advisories		
		Management	~			
Poultry (Chicken/ Duck)	All age groups	Coccidiosis		Give Coccimar @ 2g/litre of drinking water for 5-7 days along with glucose.		
Duck)		Deworming		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.		
a la	4.77	Management		tters should be of 4.5 inches thick and stir it at regular interval.		
Sheep/ Goat	All age groups	Deworming		re Ranizole suspension @ 3ml/ 10 kg body weight.		
		Vaccination		rinate against FMD, HS, BQ & Enterotoxaemia, etc.		
Pig	All age groups except	Deworming	_	ndazole Plus Avermectin Table 6 mg/adult.		
	the young ones	Skin diseases	Prot solut	ect from skin disease by using Deltamethrin solution $@2ml/lit$. Of water and bath with the ion		
Cattle	All age groups	Vaccination		rinate 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		Rafoxamide plus Levamizole (Rafox plus)/ Ranizole suspension @ 1ml/ 2kg body weight 5ml/ 10 kg body weight (Ranizole) in lower altitude.		
		Care and		Is must be kept dry.		
		Management		bedding materials		
Fisheries		- V				
Carp culture				Fish stocking may be done in small scale. Feeds should be provided @ 3 % body weight 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 (16th to 19th Nov, 2018) Observed no rainfall with shallow fog during morning hours except on 18th morning with cloudy sky and mainly clear to partly cloudy sky during afternoon hours. Maximum temperature recorded ranged from 24.6 – 25.4 °C and minimum of 7.0 – 11.6 °C with mean relative humidity 87.3 % max and 44.8 % min was recorded in the past three days & average wind speed was 1.4 - 2.2 km/hr.

Weather forecast for next five days of Chandel (21st to 25th Nov, 2018)

E-mail: agromet_mnp@yahoo.co.uk

Likely to have no rains upto Sunday and shallow to moderate fog during morning hours in next 2 days & mainly clear to partly cloudy sky with maximum temp. 22-24 °C & minimum temp. 7-9 °C. Relative humidity may reach upto 85 % (max) and 36 % (min). The average wind speed may be 3-

Date of issue: 20th November, 2018

- * 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	diconce	Agro-meteorological advisories		
Rapeseed/ mustard	Sowing to early	rest and	uisease	- Keep the soil moist throughout the vegetative stage. Monitor for insect pest infestation.		
	vegetative					
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			- 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 weigh		
				of charcoal and dry if required.		
				- Clean godowns and spray with 1% Malathion on the walls before storage; also ensur 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	Vegetative			- Regularly monitor for soil moisture level in the crop field and insect pest infestation Avoid plucking off of young shoots.		
Cole Crops	Curd/ head formation	1 to		- Keep the soil moist throughout the vegetative stage. Monitor for insect pest infestation		
	harvesting of mid-sea			- Transplanting of late variety of cole crops may be done at a spacing of row to row 45		
	var. and transplantin	g of		60 cm and plant to plant 45cm.		
	late variety			- Apply 108kg Urea+563kg SSP+100kg MOP per hectare and 108 kg Urea after		
Onion	Nursery raising to lar	nd.		month of transplanting. - Apply Sixer during final land preparation of nursery plot as preventive measure		
Omon	preparation for	iu		against soil borne diseases. For 25 sq. m area, we need ½ kg seeds. Treat seeds with 7		
	transplanting			harzianum. Check that the new sprouts/ young plants in nursery beds are not damaged.		
	transparing			- Prepare land for transplanting 45-60 days old seedlings at a spacing of 10cm x 20cm.		
Garlic	Planting			- Garlic bulblets may be planted.		
				- Monitor for water requirement in the field.		
Animal Sciences						
Name of bird/ animal	Stage	Disease/		Agro-meteorological advisories		
		Management	~			
Poultry (Chicken/ Duck)	All age groups	Coccidiosis		Give Coccimar @ 2g/litre of drinking water for 5-7 days along with glucose.		
Duck)		Deworming		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.		
a la	4.77	Management		tters should be of 4.5 inches thick and stir it at regular interval.		
Sheep/ Goat	All age groups	Deworming		re Ranizole suspension @ 3ml/ 10 kg body weight.		
		Vaccination		rinate against FMD, HS, BQ & Enterotoxaemia, etc.		
Pig	All age groups except	Deworming	_	ndazole Plus Avermectin Table 6 mg/adult.		
	the young ones	Skin diseases	Prot solut	ect from skin disease by using Deltamethrin solution $@2ml/lit$. Of water and bath with the ion		
Cattle	All age groups	Vaccination		rinate 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		Rafoxamide plus Levamizole (Rafox plus)/ Ranizole suspension @ 1ml/ 2kg body weight 5ml/ 10 kg body weight (Ranizole) in lower altitude.		
		Care and		Is must be kept dry.		
		Management		bedding materials		
Fisheries		- V				
Carp culture				Fish stocking may be done in small scale. Feeds should be provided @ 3 % body weight 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: Churachandpur

Significant past weather for the preceding bi-weekly of Imphal West (16th to 19th Nov, 2018) Observed no rainfall with shallow fog during morning hours except on 18th morning with cloudy sky and mainly clear to partly cloudy sky during afternoon hours. Maximum temperature recorded ranged from 24.6 – 25.4 °C and minimum of 7.0 – 11.6 °C with mean relative humidity 87.3 % max and 44.8 % min was recorded in the past four days & average wind speed was 1.4 - 2.2 km/hr.

Weather forecast for next five days of Churachandpur (21st to 25th Nov,

Date of issue: 20th November, 2018

E-mail: agromet_mnp@yahoo.co.uk

Likely to have no rains upto Sunday and shallow to moderate fog during morning hours in next 2 days & mainly clear to partly cloudy sky with maximum temp. 24-25 °C & minimum temp. 8-10 °C. Relative humidity may reach upto 95 % (max) and 38 % (min). The average wind speed may be 3-4 km/hr.

- * 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	1	Pest and disea	se Agro-meteorological advisories	
Rapeseed/ mustard	Sowing to early vegetative		2 050 4314 43504	- Keep the soil moist throughout the vegetative stage. Monitor for insect pest infestation	
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 weigh 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 disea	se Agro-meteorological advisories	
Garden pea	Vegetative			 Regularly monitor for soil moisture level in the crop field and insect pest infestation. Avoid plucking off of young shoots. 	
Cole Crops	Curd/ head formation harvesting of mid-seavar, and transplanting late variety	ason		 - Keep the soil moist throughout the vegetative stage. Monitor for insect pest infestation - Transplanting of late variety of cole crops may be done at a spacing of row to row 45 60 cm and plant to plant 45cm. - Apply 108kg Urea+563kg SSP+100kg MOP per hectare and 108 kg Urea after a month of transplanting. 	
Onion	Nursery raising to la preparation for transplanting	tion for		 Apply Sixer during final land preparation of nursery plot as preventive measure against soil borne diseases. For 25 sq. m area, we need ½ kg seeds. Treat seeds with I 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 Monitor for water requirement in the field.	
Animal Sciences					
Name of bird/ animal	Stage		sease/ agement	Agro-meteorological advisories	
Poultry (Chicken/	All age groups	Coccidi	iosis (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 an		Walls of sheds should be covered with polythene sheets/hessian cloths during the night. Litters should be of 4.5 inches thick and stir it at regular interval.	
Sheep/ Goat	All age groups	Deworn		Give Ranizole suspension @ 3ml/ 10 kg body weight.	
		Vaccina	ation \	Vaccinate against FMD, HS, BQ & Enterotoxaemia, etc.	
Pig	All age groups except	Deworr	ming A	Albendazole Plus Avermectin Table 6 mg/adult.	
	the young ones	Skin dis		Protect from skin disease by using Deltamethrin solution $@2$ ml/lit. Of water and bath with the solution	
Cattle	All age groups	Vaccina		Vaccinate against B.Q., F.M.D. & H.S. if not yet vaccinated.	
	excepts the young	Deworming G		Use Butox liquid @ 2ml/ litre water twice a week while brushing animals.	
	ones			Give Rafoxamide plus Levamizole (Rafox plus)/ Ranizole suspension @ 1ml/ 2kg body weight or 5.5ml/ 10 kg body weight (Ranizole) in lower altitude.	
		Care an		Sheds must be kept dry. Use bedding materials	
Fisheries					
Carp culture				5m. Fish stocking may be done in small scale. Feeds should be provided @ 3 % body weight ect 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: Imphal East

Significant past weather for the preceding bi-weekly of Imphal West (16^{th} to 19^{th} Nov, 2018) Observed no rainfall with shallow fog during morning hours except on 18^{th} morning with cloudy sky and mainly clear to partly cloudy sky during afternoon hours. Maximum temperature recorded ranged from 24.6 - 25.4 °C and minimum of 7.0 - 11.6 °C with mean relative humidity 87.3 % max and 44.8 % min was recorded in the past three days & average wind speed was 1.4 - 2.2 km/ hr.

Weather forecast for next five days of Imphal East (21st to 25th Nov, 2018)

Date of issue: 20th November, 2018

Likely to have no rains upto Sunday and shallow to moderate fog during morning hours in next 2 days & mainly clear to partly cloudy sky with maximum temp. $24-25~^{\circ}$ C & minimum temp. $8-9~^{\circ}$ C. Relative humidity may reach upto 85~% (max) and 36~% (min). The average wind speed may be $4-6~\mathrm{km/hr}$.

E-mail: agromet_mnp@yahoo.co.uk

General Advisories:

- * 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.

Light ii rigation may o	e given wherever required	1.				
Field Crops						
Name of the crop	Stage		Pest and disea	Agro-meteorological advisories		
Rapeseed/ mustard	Sowing to early			- Keep the soil moist throughout the vegetative stage. Monitor for insect pest infestation.		
	vegetative					
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 22kg of Urea after one month of sowing. Seed rate is 40kg/ha.		
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						
Name of the crop	Stage		Pest and disea			
Garden pea	Vegetative			 Regularly monitor for soil moisture level in the crop field and insect pest infestation. Avoid plucking off of young shoots. 		
Cole Crops	Curd/ head formation			- Keep the soil moist throughout the vegetative stage. Monitor for insect pest infestation.		
	harvesting of mid-sea			- Transplanting of late variety of cole crops may be done at a spacing of row to row 45-		
	var. and transplantin	ng of		60 cm and plant to plant 45cm.		
	late variety			- Apply 108kg Urea+563kg SSP+100kg MOP per hectare and 108 kg Urea after a		
0.1				month of transplanting.		
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			- Frepare failu for transplanting 45-00 days old seedings at a spacing of focilix 20cm. - Garlic bulblets may be planted.		
Garic	Tianung	anung		- Monitor for water requirement in the field.		
Animal Sciences				120MIN AVE THE ENGLISH ME AVAIL		
Name of bird/ animal	Stage	D	Disease/	Agro-meteorological advisories		
		Mar	nagement			
Poultry (Chicken/ Duck)	All age groups	Coccio	diosis	Give Coccimar @ 2g/litre of drinking water for 5-7 days along with glucose.		
Duck)		Dewor	rming	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.		
		Mana		ers should be of 4.5 inches thick and stir it at regular interval.		
Sheep/ Goat	All age groups	Dewoi	rming	- Give Ranizole suspension @ 3ml/ 10 kg body weight.		
		Vaccii	nation	Vaccinate against FMD, HS, BQ & Enterotoxaemia, etc.		
Pig	All age groups except	Dewoi	rming	Albendazole Plus Avermectin Table 6 mg/adult.		
	the young ones	Skin d	liseases	Protect from skin disease by using Deltamethrin solution @2ml/lit. Of water and bath with the		
				solution		
Cattle	All age groups			Vaccinate 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	Dewoi	0	Give Rafoxamide plus Levamizole (Rafox plus)/ Ranizole suspension @ 1ml/ 2kg body weight		
		_		or 5.5ml/ 10 kg body weight (Ranizole) in lower altitude.		
				Sheds must be kept dry.		
Tit I at		Mana	gement	Use bedding materials		
Fisheries	Maintain ()	-4 - 1	41£1 0 4 . 1	5 Fish of alice weeks described as for multiple Fig. 1. 1. 1.1		
Carp culture				5m. Fish stocking may be done in small scale. Feeds should be provided @ 3 % body weight lect disease free fishes to be stocked as brooder.		

(I. Meghachandra Singh) Nodal Officer, GKMS



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 (16th to 19th Nov, 2018) Observed no rainfall with shallow fog during morning hours except on 18th morning with cloudy sky and mainly clear to partly cloudy sky during afternoon hours. Maximum temperature recorded ranged from 24.6 – 25.4 °C and minimum of 7.0 – 11.6 °C with mean relative humidity 87.3 % max and 44.8 % min was recorded in the past three days & average wind speed was 1.4 - 2.2 km/hr.

Weather forecast for next five days of Imphal West (21st to 25th Nov, 2018)

Date of issue: 20th November, 2018

E-mail: agromet_mnp@yahoo.co.uk

Likely to have no rains upto Sunday and shallow to moderate fog during morning hours in next 2 days & mainly clear to partly cloudy sky with maximum temp. 23-25 °C & minimum temp. 7-8 °C. Relative humidity may reach upto 86 % (max) and 38 % (min). The average wind speed may be 2-

- * 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	dicanca	Agro-meteorological advisories		
Rapeseed/ mustard	Sowing to early	rest and	uisease	- Keep the soil moist throughout the vegetative stage. Monitor for insect pest infestation		
	vegetative					
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			- For seed purpose store the seeds in RC-Seed Bin after proper drying and cleaning o		
	management			seeds along with dry charcoal at 80:20 w/w ratios. Check for moisture content or weigh		
				of charcoal and dry if required.		
				- Clean godowns and spray with 1% Malathion on the walls before storage; also ensur that it is well ventilated. Avoid fungal growth and pest rodent in store.		
Horticulture Crops				that is the remainded to the angle grown and people to delive in section		
Name of the crop	Stage	Pest and	disease	Agro-meteorological advisories		
Garden pea	Vegetative			- Regularly monitor for soil moisture level in the crop field and insect pest infestation Avoid plucking off of young shoots.		
Cole Crops	Curd/ head formation	1 to		- Keep the soil moist throughout the vegetative stage. Monitor for insect pest infestation		
	harvesting of mid-sea			- Transplanting of late variety of cole crops may be done at a spacing of row to row 45		
	var. and transplantin	g of		60 cm and plant to plant 45cm.		
	late variety			- Apply 108kg Urea+563kg SSP+100kg MOP per hectare and 108 kg Urea after month of transplanting.		
Onion	Nursery raising to lar	nd		- Apply Sixer during final land preparation of nursery plot as preventive measure		
Ollion	preparation for	iu		against soil borne diseases. For 25 sq. m area, we need ½ kg seeds. Treat seeds with		
	transplanting			harzianum. Check that the new sprouts/ young plants in nursery beds are not damaged		
	transplanting			- Prepare land for transplanting 45-60 days old seedlings at a spacing of 10cm x 20cm.		
Garlic	Planting			- Garlic bulblets may be planted.		
				- Monitor for water requirement in the field.		
Animal Sciences						
Name of bird/ animal	Stage	Disease/		Agro-meteorological advisories		
		Management				
Poultry (Chicken/	All age groups	Coccidiosis	Give	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		s of sheds should be covered with polythene sheets/hessian cloths during the night.		
		Management		tters 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	_	Albendazole Plus Avermectin Table 6 mg/adult.		
	the young ones	Skin diseases	Prote solut	ect from skin disease by using Deltamethrin solution @2ml/lit. Of water and bath with the ion		
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.		
	ones	Deworming		Rafoxamide plus Levamizole (Rafox plus)/ Ranizole suspension @ 1ml/ 2kg body weight 5ml/ 10 kg body weight (Ranizole) in lower altitude.		
		Care and		s must be kept dry.		
		Management		bedding materials		
Fisheries						
Carp culture				Fish stocking may be done in small scale. Feeds should be provided @ 3 % body weight 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: Senapati

Significant past weather for the preceding bi-weekly of Imphal West (16th to 19th Nov, 2018) Observed no rainfall with shallow fog during morning hours except on 18th morning with cloudy sky and mainly clear to partly cloudy sky during afternoon hours. Maximum temperature recorded ranged from 24.6 – 25.4 °C and minimum of 7.0 – 11.6 °C with mean relative humidity 87.3 % max and 44.8 % min was recorded in the past four days & average wind speed was 1.4 - 2.2 km/hr.

Weather forecast for next five days of Senapati (21st to 25th Nov, 2018)

E-mail: agromet_mnp@yahoo.co.uk

Likely to have no rains upto Sunday and shallow to moderate fog during morning hours in next 2 days & mainly clear to partly cloudy sky with maximum temp. 21-23 °C & minimum temp. 5-7 °C. Relative humidity may reach upto 85 % (max) and 34 % (min). The average wind speed may be 4

Date of issue: 20th November, 2018

General Advisories:

- * 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.

Light Hilgation may b	be given wherever required	L•		
Field Crops				
Name of the crop	Stage		Pest and disea	Agro-meteorological advisories
Rapeseed/ mustard	Sowing to early			- Keep the soil moist throughout the vegetative stage. Monitor for insect pest infestation.
•	vegetative			
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	entil 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			- 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
II				that it is well ventilated. Avoid fungal growth and pest rodent in store.
Horticulture Crops		1		
Name of the crop	Stage		Pest and disea	
Garden pea	Vegetative			- Regularly monitor for soil moisture level in the crop field and insect pest infestation.
~ . ~				- Avoid plucking off of young shoots.
Cole Crops	Curd/ head formation			- Keep the soil moist throughout the vegetative stage. Monitor for insect pest infestation.
	harvesting of mid-sea			- Transplanting of late variety of cole crops may be done at a spacing of row to row 45-
	var. and transplantin	ig or		60 cm and plant to plant 45cm.
	late variety			- Apply 108kg Urea+563kg SSP+100kg MOP per hectare and 108 kg Urea after a month of transplanting.
Onion	Nursery raising to land			- Apply Sixer during final land preparation of nursery plot as preventive measures
Ollion	preparation for	IIu		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.
	v. usp.us			- Prepare land for transplanting 45-60 days old seedlings at a spacing of 10cm x 20cm.
Garlic	Planting			- Garlic bulblets may be planted.
				- Monitor for water requirement in the field.
Animal Sciences				<u> </u>
Name of bird/ animal	Stage	D	isease/	Agro-meteorological advisories
			agement	
Poultry (Chicken/	All age groups	Coccid	liosis	Give Coccimar @ 2g/litre of drinking water for 5-7 days along with glucose.
Duck)		Dewor	ming	Use Ventrimizole @ 1g in 1 litre of drinking water for 3 days.
		Care a	ŭ	Walls of sheds should be covered with polythene sheets/hessian cloths during the night.
				Litters should be of 4.5 inches thick and stir it at regular interval.
Sheep/ Goat	All age groups	Dewor		Give Ranizole suspension @ 3ml/ 10 kg body weight.
Sheep/ Goat	mi age groups		·	
		Vaccin	nation	Vaccinate against FMD, HS, BQ & Enterotoxaemia, etc.
Pig	All age groups except	Dewor	ming	Albendazole Plus Avermectin Table 6 mg/adult.
	the young ones	Skin d	iseases	Protect from skin disease by using Deltamethrin solution @2ml/lit. Of water and bath with the
				solution
Cattle	All age groups	Vaccin	nation	Vaccinate against B.Q., F.M.D. & H.S. if not yet vaccinated.
	excepts the young			Use Butox liquid @ 2ml/ litre water twice a week while brushing animals.
	ones	Dewor	0	Give Rafoxamide plus Levamizole (Rafox plus)/ Ranizole suspension @ 1ml/ 2kg body weight
				or 5.5ml/ 10 kg body weight (Ranizole) in lower altitude.
				Sheds must be kept dry.
71.1		Manag	gement	Use bedding materials
Fisheries	T			
Carp culture				5m. Fish stocking may be done in small scale. Feeds should be provided @ 3 % body weight
	per day. Harvesting of	fishes ma	ay be done. Sel	lect disease free fishes to be stocked as brooder.

(I. Meghachandra Singh) **Nodal Officer, GKMS**



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 (16th to 19th Nov, 2018) Observed no rainfall with shallow fog during morning hours except on 18th morning with cloudy sky and mainly clear to partly cloudy sky during afternoon hours. Maximum temperature recorded ranged from 24.6 – 25.4 °C and minimum of 7.0 – 11.6 °C with mean relative humidity 87.3 % max and 44.8 % min was recorded in the past four days & average wind speed was 1.4 - 2.2 km/hr.

Weather forecast for next five days of Tamenglong (21st to 25th Nov, 2018)

Date of issue: 20th November, 2018

E-mail: agromet_mnp@yahoo.co.uk

Likely to have no rains upto Sunday and shallow to moderate fog during morning hours in next 2 days & mainly clear to partly cloudy sky with maximum temp. 24-25 °C & minimum temp. 8-10 °C. Relative humidity may reach upto 85 % (max) and 36 % (min). The average wind speed may

- * 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	diconce	Agro-meteorological advisories		
Rapeseed/ mustard	Sowing to early	rest and	uisease	- Keep the soil moist throughout the vegetative stage. Monitor for insect pest infestation.		
	vegetative					
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			- 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 weigh		
				of charcoal and dry if required.		
				- Clean godowns and spray with 1% Malathion on the walls before storage; also ensur 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	Vegetative			- Regularly monitor for soil moisture level in the crop field and insect pest infestation Avoid plucking off of young shoots.		
Cole Crops	Curd/ head formation	1 to		- Keep the soil moist throughout the vegetative stage. Monitor for insect pest infestation		
	harvesting of mid-sea			- Transplanting of late variety of cole crops may be done at a spacing of row to row 45		
	var. and transplantin	g of		60 cm and plant to plant 45cm.		
	late variety			- Apply 108kg Urea+563kg SSP+100kg MOP per hectare and 108 kg Urea after		
Onion	Nursery raising to lar	nd.		month of transplanting. - Apply Sixer during final land preparation of nursery plot as preventive measure		
Omon	preparation for	iu		against soil borne diseases. For 25 sq. m area, we need ½ kg seeds. Treat seeds with 7		
	transplanting			harzianum. Check that the new sprouts/ young plants in nursery beds are not damaged.		
	transparing			- Prepare land for transplanting 45-60 days old seedlings at a spacing of 10cm x 20cm.		
Garlic	Planting			- Garlic bulblets may be planted.		
				- Monitor for water requirement in the field.		
Animal Sciences						
Name of bird/ animal	Stage	Disease/		Agro-meteorological advisories		
		Management	~			
Poultry (Chicken/ Duck)	All age groups	Coccidiosis		Give Coccimar @ 2g/litre of drinking water for 5-7 days along with glucose.		
Duck)		Deworming		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.		
a la	4.77	Management		tters should be of 4.5 inches thick and stir it at regular interval.		
Sheep/ Goat	All age groups	Deworming		re Ranizole suspension @ 3ml/ 10 kg body weight.		
		Vaccination		rinate against FMD, HS, BQ & Enterotoxaemia, etc.		
Pig	All age groups except	Deworming	_	ndazole Plus Avermectin Table 6 mg/adult.		
	the young ones	Skin diseases	Prot solut	ect from skin disease by using Deltamethrin solution $@2ml/lit$. Of water and bath with the ion		
Cattle	All age groups	Vaccination		rinate 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		Rafoxamide plus Levamizole (Rafox plus)/ Ranizole suspension @ 1ml/ 2kg body weight 5ml/ 10 kg body weight (Ranizole) in lower altitude.		
		Care and		Is must be kept dry.		
		Management		bedding materials		
Fisheries		- V				
Carp culture				Fish stocking may be done in small scale. Feeds should be provided @ 3 % body weight 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 (16th to 19th Nov, 2018) Observed no rainfall with shallow fog during morning hours except on 18th morning with cloudy sky and mainly clear to partly cloudy sky during afternoon hours. Maximum temperature recorded ranged from 24.6 – 25.4 °C and minimum of 7.0 – 11.6 °C with mean relative humidity 87.3 % max and 44.8 % min was recorded in the past three days & average wind speed was 1.4 - 2.2 km/hr.

Weather forecast for next five days of Thoubal (21st to 25th Nov, 2018)

E-mail: agromet_mnp@yahoo.co.uk

Likely to have no rains upto Sunday and shallow to moderate fog during morning hours in next 2 days & mainly clear to partly cloudy sky with maximum temp. 24-25 °C & minimum temp. 7-9 °C. Relative humidity may reach upto 96 % (max) and 50 % (min). The average wind speed may be 3-

Date of issue: 20th November, 2018

- * 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				- Keep the soil moist throughout the vegetative stage. Monitor for insect pest infestation.		
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				- 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		
H . L . C					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	Vegetative				 Regularly monitor for soil moisture level in the crop field and insect pest infestation. Avoid plucking off of young shoots. 		
Cole Crops	Curd/ head formation		son		- Keep the soil moist throughout the vegetative stage. Monitor for insect pest infestation.		
	harvesting of mid-sea				- Transplanting of late variety of cole crops may be done at a spacing of row to row 45-		
	var. and transplantin	ig of			60 cm and plant to plant 45cm.		
	late variety				- Apply 108kg Urea+563kg SSP+100kg MOP per hectare and 108 kg Urea after a month of transplanting.		
Onion	Nursery raising to lar	and			- 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.		
					- Monitor for water requirement in the field.		
Animal Sciences							
Name of bird/ animal	Stage		Disease/ nagement		Agro-meteorological advisories		
Poultry (Chicken/	All age groups		idiosis	Give	Coccimar @ 2g/litre of drinking water for 5-7 days along with glucose.		
Duck)		Dewo	rming				
		Care	Care and V		Walls of sheds should be covered with polythene sheets/hessian cloths during the night.		
			ngement		Litters should be of 4.5 inches thick and stir it at regular interval.		
Sheep/ Goat	All age groups	Dewo	rming	- Giv	e Ranizole suspension @ 3ml/ 10 kg body weight.		
		Vacci	ination	Vacc	inate against FMD, HS, BQ & Enterotoxaemia, etc.		
Pig	All age groups except		rming		ndazole Plus Avermectin Table 6 mg/adult.		
	the young ones	Skin	diseases	Protes	ect from skin disease by using Deltamethrin solution @2ml/lit. Of water and bath with the ion		
Cattle	All age groups	Vacci	ination		accinate 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	Dewo	rming		Rafoxamide plus Levamizole (Rafox plus)/ Ranizole suspension @ 1ml/2kg body weight		
	Care and Sh			5ml/ 10 kg body weight (Ranizole) in lower altitude. s must be kept dry.			
				s must be kept dry. Dedding materials			
Fisheries	1	Ivialia	igement	USE I	ocume maccinais		
Carp culture	- Maintain water level a	at a den	th of 1.0m to	1.5m. 1	Fish stocking may be done in small scale. Feeds should be provided @ 3 % body weight		
- F					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 (16th to 19th Nov, 2018) Observed no rainfall with shallow fog during morning hours except on 18th morning with cloudy sky and mainly clear to partly cloudy sky during afternoon hours. Maximum temperature recorded ranged from 24.6 – 25.4 °C and minimum of 7.0 – 11.6 °C with mean relative humidity 87.3 % max and 44.8 % min was recorded in the past four days & average wind speed was 1.4 - 2.2 km/hr.

Weather forecast for next five days of Ukhrul (21st to 25th Nov, 2018)

E-mail: agromet_mnp@yahoo.co.uk

Likely to have no rains upto Sunday and shallow to moderate fog during morning hours in next 2 days & mainly clear to partly cloudy sky with maximum temp. 22-23 °C & minimum temp. 5-7 °C. Relative humidity may reach upto 85 % (max) and 37 % (min). The average wind speed may be 4-

Date of issue: 20th November, 2018

- * 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.

	e given wherever required	l.					
Field Crops							
Name of the crop	Stage		Pest and disc	ease	Agro-meteorological advisories		
Rapeseed/ mustard	Sowing to early vegetative				- Keep the soil moist throughout the vegetative stage. Monitor for insect pest infestation.		
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	Ü			- 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 disc	ease	Agro-meteorological advisories		
Garden pea	Vegetative				 Regularly monitor for soil moisture level in the crop field and insect pest infestation. Avoid plucking off of young shoots. 		
Cole Crops	Curd/ head formation harvesting of mid-seavar. and transplanting late variety	ason			 Keep the soil moist throughout the vegetative stage. Monitor for insect pest infestation. Transplanting of late variety of cole crops may be done at a spacing of row to row 45-60 cm and plant to plant 45cm. Apply 108kg Urea+563kg SSP+100kg MOP per hectare and 108 kg Urea after a month of transplanting. 		
Onion	Nursery raising to la 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. - Monitor for water requirement in the field.		
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 V	Ventrimizole @ 1g in 1 litre of drinking water for 3 days.		
		Care			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		e Ranizole suspension @ 3ml/ 10 kg body weight.		
Sheep, Godi	i i i i i i i i i i i i i i i i i i i		cination		inate against FMD, HS, BQ & Enterotoxaemia, etc.		
Pig	All age groups except	Dew	orming	Albe	ndazole Plus Avermectin Table 6 mg/adult.		
S	the young ones	_	diseases		ect from skin disease by using Deltamethrin solution @2ml/lit. Of water and bath with the		
Cattle	All age groups	Vacc	ination	Vacc	inate against B.Q., F.M.D. & H.S. if not yet vaccinated.		
	excepts the young	Tick		Use I	Butox liquid @ 2ml/ litre water twice a week while brushing animals.		
	ones Deworming		orming		Rafoxamide plus Levamizole (Rafox plus)/ Ranizole suspension @ 1ml/ 2kg body weight 5ml/ 10 kg body weight (Ranizole) in lower altitude.		
				Shed	s must be kept dry.		
		Man	agement	Use l	pedding materials		
Fisheries							
Carp culture					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.						