

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

"Gramin Krishi Mausam Seva"



**Standardized Precipitation Index:** 

#### **MANIPUR AGROMET ADVISORY BULLETIN**

District: Churachandpur

# Significant past weather for the preceding bi-weekly of Imphal - West (28<sup>th</sup> to 30<sup>th</sup> September, 2018)

Observed no rainfall with mainly clear to partly cloudy sky but foggy during morning hours of  $29^{th}$  and  $30^{th}$  Sept. Maximum temperature recorded ranged from 20.5 to 31.4 °C and minimum of 19.0 to 19.2 °C with mean relative humidity 90.0 % max and 55.0 % min was recorded in the past three days & average wind speed was  $2.8-3.6\,$  km/hr.

# Weather forecast for next five days of Churachandpur $(2^{nd} \text{ to } 6^{th} \text{ October}, 2018)$

E-mail: agromet\_mnp@yahoo.co.uk

Likely to have no rain upto Saturday and mainly clear to partly cloudy sky with maximum temp. 32-34  $^{\circ}$ C & minimum temp. 21-23  $^{\circ}$ C. Relative humidity may reach upto 98 % (max RH) & 52 % (min RH). The average wind speed may be 2-3 km/hr.

Date of issue: 28<sup>th</sup> September, 2018 Period: 1<sup>st</sup> October, 2018

### Warning:

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- \* As fog had been observed during morning hours and day temperatures are high in past days, temperory roof like structures using paddy straw and bamboo may be prepared for nursery in open field. Light watering may be done for healthy nursery.

  \* Harvest mature crops and sundry properly after harvesting and before storage to attain optimum moisture for storage.
- \* Clean godowns and spray with 1% Malathion on the walls before storage; also ensure that it is well ventilated.
- \* Mulching may be done with paddy straw/ leguminous plants/ Acalypha to conserve soil moisture.
- \* Measures may be taken up to control the population of flies and mosquitoes in and around the sheds of birds and animals and ensure
- that it is well ventilated as day temp. is high these days.

Field Crops Name of the crop	Stage	Pest and	dicago	Agro-meteorological advisories
Rice	, ,	rest and	uisease	- Maintain water level at 5-8 cm. Irrigate to meet the water requirement during graifilling stage Harvest when 80% of the spikelet is yellow.
	Grain filling to	Neck Blast		Spray Tricyclazole 75% @ 10g/ 15 litre of water.
	maturity to	Bacterial Le	eaf Blight	Spray Streptocycline @ 1g/15 litres of water (at least 5-6 pumps/ sangam).
	harvesting stage	Aphid, meal		Spray Fipronil @ 2g/15 litres or Imidachloprid 17.8 SL @ 7 ml/ 15 litres of water.
		Plant Hoppe Thrips		Spray Coragen 3-5 ml per 15 lit of water at the early stage of infestation.
		Sheath bligh	ht/ Bakani	Carbendazim @ 30-40g/ 15 lit of water or Hexaclonazole @ 15ml/ 15 lit of water.
Soybean/ Groundnut/ Blackgram/ Rice Bean	Maturity to harvesting			Harvest mature crops and sundry for 2-3 days for better threshing. After threshing sundry to attain optimum moisture for storage. Healthy seeds may be selected for seeds.
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.
Horticulture Crops				
Name of the crop	Stage	Pest and	disease	Agro-meteorological advisories
Rabi vegetables	Land preparation to sowing			- Procure good quality seeds of onion, carrot, radish, coriander, potato, french bean pea, broad bean, etc. Sowing may be done in prepared land.
Cole crops	Nursery to transplanting			- 25-30 days old seedlings may be transplanted in the open field. Dip root in Carbendazim @ 10g/5 lit of water for 30 min before transplanting in raised beds.
Ginger/ Turmeric	Rhizome developmen	t Leaf Blotch spot	and leaf	- To prevent the occurrence/ spreading of leaf blotch/ leaf spot, spray Mancozeb+ Carbendazim @2g/ litre of water at 7-10 days interval.
Animal Sciences				
Name of bird/ animal	Stage	Disease/ Management		Agro-meteorological advisories
Poultry (Chicken/ Duck)	All age groups	Coccidiosis	Give Coc	cimar @ 2g/litre of drinking water for 5-7 days along with glucose.
Sheep/ Goat	All age groups	Vaccination	If the ani month.	mals are not vaccinated against F.M.D., B.Q., H.S., Enterotoxaemia, etc. do it in this
		Fascioliosis	Give Tola 50ml twice	zan-F @ 15ml orally/ kg b. wt. It must be associated with vitamins like Livozyme @ ce daily.
Pig	All age groups except	Deworming	Give Mor	rantel citrate tablet (Banminth) @15mg/ kg body weight.
	the young ones		Use Buto	x liquid @ 2 ml/ lit of water twice a week while brushing the animal.
Cattle	All age groups	Vaccination		
	excepts the young	Tick		x liquid @ 2ml/ litre water twice a week while brushing animals.
	ones	Deworming	De-worm	with Nilzan/ Tolzan-F @20-30ml for 100 kg body weight.
isheries	D 11.6 10.2 "	@ 5 10 0/ 1 1	1.4	
Carp culture	- Provide feed 2-3 times	@ 5-10 % body	weight per	day. Sampling of fish for growth, disease should be done regularly by netting. Ensure good quality water in fish culture ponds by liming.



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

"Gramin Krishi Mausam Seva"



**Standardized Precipitation Index:** 

#### **MANIPUR AGROMET ADVISORY BULLETIN**

District: Imphal East

Significant past weather for the preceding bi-weekly of Imphal - West (28<sup>th</sup> to 30<sup>th</sup> September, 2018)

Observed no rainfall with mainly clear to partly cloudy sky but foggy during morning hours of 29th and 30th Sept. Maximum temperature recorded ranged from 20.5 to 31.4 °C and minimum of 19.0 to 19.2 °C with mean relative humidity 90.0 % max and 55.0 % min was recorded in the past three days & average wind speed was 2.8 – 3.6 km/hr.

### Weather forecast for next five days of Imphal East (2<sup>nd</sup> to 6<sup>th</sup> October, 2018)

E-mail: agromet\_mnp@yahoo.co.uk

Period: 1st October, 2018

Likely to have no rain upto Saturday and mainly clear to partly cloudy sky with maximum temp. 33 °C & minimum temp. 21-22 °C. Relative humidity may reach upto 95 % (max RH) & 50 % (min RH). The average wind speed may be 3-4 km/hr.

Date of issue: 28th September, 2018

## Warning:

- \* As fog had been observed during morning hours and day temperatures are high in past days, temperory roof like structures using paddy straw and bamboo may be prepared for nursery in open field. Light watering may be done for healthy nursery.
- \* Harvest mature crops and sundry properly after harvesting and before storage to attain optimum moisture for storage. \* Clean godowns and spray with 1% Malathion on the walls before storage; also ensure that it is well ventilated.
- \* Mulching may be done with paddy straw/ leguminous plants/ Acalypha to conserve soil moisture.
- \* Measures may be taken up to control the population of flies and mosquitoes in and around the sheds of birds and animals and ensure

that it is well ventilated as	s day temp. is high these day	rs.		
Field Crops				
Name of the crop	Stage	Pest and	disease	Agro-meteorological advisories
Rice	G : ew			<ul> <li>- Maintain water level at 5-8 cm. Irrigate to meet the water requirement during grain filling stage.</li> <li>- Harvest when 80% of the spikelet is yellow.</li> </ul>
	Grain filling to maturity to	Neck Blast		Spray Tricyclazole 75% @ 10g/ 15 litre of water.
	harvesting stage	Bacterial Le	8	Spray Streptocycline @ 1g/15 litres of water (at least 5-6 pumps/ sangam).
		Aphid, meal	, ,	Spray Fipronil @ 2g/15 litres or Imidachloprid 17.8 SL @ 7 ml/15 litres of water.
		Plant Hoppe Thrips	ers or	Spray Coragen 3-5 ml per 15 lit of water at the early stage of infestation.
		Sheath bligh	ht/ Bakani	Carbendazim @ 30-40g/ 15 lit of water or Hexaclonazole @ 15ml/ 15 lit of water.
Soybean/ Groundnut/ Blackgram/ Rice Bean	Maturity to harvesting	3		Harvest mature crops and sundry for 2-3 days for better threshing. After threshing sundry to attain optimum moisture for storage. Healthy seeds may be selected for seeds.
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.
Horticulture Crops				
Name of the crop	Stage	Pest and	disease	Agro-meteorological advisories
Rabi vegetables	Land preparation to sowing			- Procure good quality seeds of onion, carrot, radish, coriander, potato, french bean, pea, broad bean, etc. Sowing may be done in prepared land.
Cole crops	Nursery to transplanting			- 25-30 days old seedlings may be transplanted in the open field. Dip root in Carbendazim @ 10g/5 lit of water for 30 min before transplanting in raised beds.
Ginger/ Turmeric	Ginger/ Turmeric Rhizome development		and leaf	- To prevent the occurrence/ spreading of leaf blotch/ leaf spot, spray Mancozeb+ Carbendazim @2g/ litre of water at 7-10 days interval.
Animal Sciences			_	
Name of bird/ animal	Stage	Disease/ Management		Agro-meteorological advisories
Poultry (Chicken/ Duck)	All age groups	Coccidiosis	Give Coc	cimar @ 2g/litre of drinking water for 5-7 days along with glucose.
Sheep/ Goat	All age groups	Vaccination	If the ani month.	mals are not vaccinated against F.M.D., B.Q., H.S., Enterotoxaemia, etc. do it in this
		Fascioliosis	Give Tola 50ml twice	zan-F @ 15ml orally/ kg b. wt. It must be associated with vitamins like Livozyme @ ce daily.
Pig	All age groups except	Deworming		rantel citrate tablet (Banminth) @15mg/ kg body weight.
	the young ones		Use Buto	x liquid @ 2 ml/ lit of water twice a week while brushing the animal.
Cattle	All age groups	Vaccination	Vaccinat	e against B.Q., F.M.D. & H.S. if not yet vaccinated.
	excepts the young	Tick	Use Buto	x liquid @ 2ml/ litre water twice a week while brushing animals.
	ones	Deworming	De-worm	with Nilzan/ Tolzan-F @20-30ml for 100 kg body weight.
Fisheries		0.740.01.		
Carp culture				day. Sampling of fish for growth, disease should be done regularly by netting. Ensure good quality water in fish culture ponds by liming.



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"Gramin Krishi Mausam Seva"



#### **MANIPUR AGROMET ADVISORY BULLETIN**

District: Imphal West

Significant past weather for the preceding bi-weekly of Imphal - West (28<sup>th</sup> to 30<sup>th</sup> September, 2018)

Observed no rainfall with mainly clear to partly cloudy sky but foggy during morning hours of  $29^{th}$  and  $30^{th}$  Sept. Maximum temperature recorded ranged from 20.5 to 31.4 °C and minimum of 19.0 to 19.2 °C with mean relative humidity 90.0 % max and 55.0 % min was recorded in the past three days & average wind speed was  $2.8-3.6\,$  km/ hr.

# Weather forecast for next five days of Imphal West $(2^{nd} \text{ to } 6^{th} \text{ October}, 2018)$

E-mail: agromet\_mnp@yahoo.co.uk

Period: 1st October, 2018

Likely to have no rain upto Saturday and mainly clear to partly cloudy sky with maximum temp. 33-34 °C & minimum temp. 21-22 °C. Relative humidity may reach upto 89 % (max RH) & 44 % (min RH). The average wind speed may be 4 km/hr.

Date of issue: 28th September, 2018

## Warning:

**General Advisories:** 

- \* As fog had been observed during morning hours and day temperatures are high in past days, temperory roof like structures using paddy straw and bamboo may be prepared for nursery in open field. Light watering may be done for healthy nursery.
- \* Clean godowns and spray with 1% Malathion on the walls before storage; also ensure that it is well ventilated.

\* Harvest mature crops and sundry properly after harvesting and before storage to attain optimum moisture for storage.

- \* Mulching may be done with paddy straw/ leguminous plants/ Acalypha to conserve soil moisture.
- \* Measures may be taken up to control the population of flies and mosquitoes in and around the sheds of birds and animals and ensure that it is well ventilated as day temp. is high these days.

**Standardized Precipitation Index:** 

Field Crops Name of the crop	Stage	Pest and	dispaso	Agro-meteorological advisories
Rice		T est and	uisease	- Maintain water level at 5-8 cm. Irrigate to meet the water requirement during grain filling stage Harvest when 80% of the spikelet is yellow.
	Grain filling to	Neck Blast		Spray Tricyclazole 75% @ 10g/ 15 litre of water.
	maturity to	Bacterial Le	eaf Blight	Spray Streptocycline @ 1g/15 litres of water (at least 5-6 pumps/ sangam).
	harvesting stage	Aphid, mea	ly bugs	Spray Fipronil @ 2g/15 litres or Imidachloprid 17.8 SL @ 7 ml/ 15 litres of water.
		Plant Hopp Thrips	ers or	Spray Coragen 3-5 ml per 15 lit of water at the early stage of infestation.
		Sheath bligh	ht/ Bakani	Carbendazim @ 30-40g/ 15 lit of water or Hexaclonazole @ 15ml/ 15 lit of water.
Soybean/ Groundnut/ Blackgram/ Rice Bean	Maturity to harvesting			Harvest mature crops and sundry for 2-3 days for better threshing. After threshing sundry to attain optimum moisture for storage. Healthy seeds may be selected for seeds.
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.
Horticulture Crops		•		
Name of the crop	Stage	Pest and	disease	Agro-meteorological advisories
Rabi vegetables	Land preparation to sowing			- Procure good quality seeds of onion, carrot, radish, coriander, potato, french bean, pea, broad bean, etc. Sowing may be done in prepared land.
Cole crops	Nursery to transplanting			- 25-30 days old seedlings may be transplanted in the open field. Dip root in Carbendazim @ 10g/5 lit of water for 30 min before transplanting in raised beds.
Ginger/ Turmeric	Rhizome developmen	t Leaf Blotch spot	and leaf	- To prevent the occurrence/ spreading of leaf blotch/ leaf spot, spray Mancozeb+ Carbendazim @2g/ litre of water at 7-10 days interval.
Animal Sciences	•			·
Name of bird/ animal	Stage	Disease/ Management		Agro-meteorological advisories
Poultry (Chicken/ Duck)	All age groups	Coccidiosis	Give Coc	cimar @ 2g/litre of drinking water for 5-7 days along with glucose.
Sheep/ Goat	All age groups	Vaccination	If the ani month.	mals are not vaccinated against F.M.D., B.Q., H.S., Enterotoxaemia, etc. do it in this
		Fascioliosis	Give Tola 50ml twice	zan-F @ 15ml orally/ kg b. wt. It must be associated with vitamins like Livozyme @ ce daily.
Pig	All age groups except	Deworming	Give Mo	rantel citrate tablet (Banminth) @15mg/ kg body weight.
	the young ones		Use Buto	x liquid @ 2 ml/ lit of water twice a week while brushing the animal.
Cattle	All age groups	Vaccination	ccination Vaccinate against B.Q., F.M.D. & H.S. if not yet vaccinated.	
	excepts the young	Tick		x liquid @ 2ml/ litre water twice a week while brushing animals.
	ones	Deworming	De-worm	with Nilzan/ Tolzan-F @20-30ml for 100 kg body weight.
Fisheries				
Carp culture				day. Sampling of fish for growth, disease should be done regularly by netting. Ensure good quality water in fish culture ponds by liming.



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

"Gramin Krishi Mausam Seva"



**Standardized Precipitation Index:** 

### **MANIPUR AGROMET ADVISORY BULLETIN**

District: Senapati

Significant past weather for the preceding bi-weekly of Imphal - West (28<sup>th</sup> to 30<sup>th</sup> September, 2018)

Observed no rainfall with mainly clear to partly cloudy sky but foggy during morning hours of 29th and 30th Sept. Maximum temperature recorded ranged from 20.5 to 31.4 °C and minimum of 19.0 to 19.2 °C with mean relative humidity 90.0 % max and 55.0 % min was recorded in the past three days & average wind speed was 2.8 – 3.6 km/hr.

#### Weather forecast for next five days of Senapati (2<sup>nd</sup> to 6<sup>th</sup> October, 2018)

Likely to have no rain upto Saturday and mainly clear to partly cloudy sky with maximum temp. 29-30 °C & minimum temp. 18-19 °C. Relative humidity may reach upto 98 % (max RH) & 54 % (min RH). The average wind speed may be 2-

Date of issue: 28th September, 2018

E-mail: agromet\_mnp@yahoo.co.uk

Period: 1st October, 2018

- \* As fog had been observed during morning hours and day temperatures are high in past days, temperory roof like structures using paddy straw and bamboo may be prepared for nursery in open field. Light watering may be done for healthy nursery. \* Harvest mature crops and sundry properly after harvesting and before storage to attain optimum moisture for storage.
- \* Clean godowns and spray with 1% Malathion on the walls before storage; also ensure that it is well ventilated.
- \* Mulching may be done with paddy straw/ leguminous plants/ Acalypha to conserve soil moisture.
- \* Measures may be taken up to control the population of flies and mosquitoes in and around the sheds of birds and animals and ensure

that it is well ventilated as	day temp. is high these day	S.			
Field Crops					
Name of the crop	Stage	Pest and	disease	Agro-meteorological advisories	
Rice	Carlo Cilliano			<ul> <li>Maintain water level at 5-8 cm. Irrigate to meet the water requirement during grain filling stage.</li> <li>Harvest when 80% of the spikelet is yellow.</li> </ul>	
	Grain filling to maturity to	Neck Blast		Spray Tricyclazole 75% @ 10g/ 15 litre of water.	
	harvesting stage	Bacterial Le	6	Spray Streptocycline @ 1g/15 litres of water (at least 5-6 pumps/ sangam).	
		Aphid, meal		Spray Fipronil @ 2g/15 litres or Imidachloprid 17.8 SL @ 7 ml/ 15 litres of water.	
		Plant Hoppe Thrips		Spray Coragen 3-5 ml per 15 lit of water at the early stage of infestation.	
		Sheath bligh	nt/ Bakani	Carbendazim @ 30-40g/ 15 lit of water or Hexaclonazole @ 15ml/ 15 lit of water.	
Soybean/ Groundnut/ Blackgram/ Rice Bean	Maturity to harvesting			Harvest mature crops and sundry for 2-3 days for better threshing. After threshing sundry to attain optimum moisture for storage. Healthy seeds may be selected for seeds.	
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	
Horticulture Crops				weight of charcoal and dry if required.	
Name of the crop	Stage	Pest and	dicanca	Agro-meteorological advisories	
Rabi vegetables	Land preparation to	1 est and	uiscasc	- Procure good quality seeds of french bean, pea, broad bean, etc. Sowing may be	
	sowing			done in prepared land.	
Cabbage	Nursery to transplanting			- 25-30 days old seedlings may be transplanted in the open field. Dip root in Carbendazim @ 10g/5 lit of water for 30 min before transplanting in raised beds.	
Ginger/ Turmeric	Rhizome developmen	Leaf Blotch and leaf		- To prevent the occurrence/ spreading of leaf blotch/ leaf spot, spray Mancozeb+	
		spot		Carbendazim @2g/ litre of water at 7-10 days interval.	
Animal Sciences	G.	D: /	1		
Name of bird/ animal	Stage	Disease/ Management		Agro-meteorological advisories	
Poultry (Chicken/ Duck)	All age groups	Coccidiosis	Give Coc	cimar @ 2g/litre of drinking water for 5-7 days along with glucose.	
Sheep/ Goat	All age groups	Vaccination	If the ani month.	mals are not vaccinated against F.M.D., B.Q., H.S., Enterotoxaemia, etc. do it in this	
		Fascioliosis	Give Tolz 50ml twic	zan-F @ 15ml orally/ kg b. wt. It must be associated with vitamins like Livozyme @ ce daily.	
Pig	All age groups except	Deworming	Give Mor	rantel citrate tablet (Banminth) @15mg/ kg body weight.	
	the young ones		Use Buto	x liquid @ 2 ml/ lit of water twice a week while brushing the animal.	
Cattle	All age groups	Vaccination		e against B.Q., F.M.D. & H.S. if not yet vaccinated.	
	excepts the young Tick Use F			x liquid @ 2ml/ litre water twice a week while brushing animals.	
	ones	Deworming	De-worm	with Nilzan/ Tolzan-F @20-30ml for 100 kg body weight.	
Fisheries	D 11 0 10 C	0.740.0/3			
Carp culture				day. Sampling of fish for growth, disease should be done regularly by netting. Ensure good quality water in fish culture ponds by liming.	



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"Gramin Krishi Mausam Seva"



#### **MANIPUR AGROMET ADVISORY BULLETIN**

District: Tamenglong

Significant past weather for the preceding bi-weekly of Imphal - West (28<sup>th</sup> to 30<sup>th</sup> September, 2018)

Observed no rainfall with mainly clear to partly cloudy sky but foggy during morning hours of  $29^{th}$  and  $30^{th}$  Sept. Maximum temperature recorded ranged from 20.5 to 31.4 °C and minimum of 19.0 to 19.2 °C with mean relative humidity 90.0 % max and 55.0 % min was recorded in the past three days & average wind speed was  $2.8-3.6\,$  km/ hr.

# Weather forecast for next five days of Tamenglong (2<sup>nd</sup> to 6<sup>th</sup> October, 2018)

Likely to have no rain upto Saturday and mainly clear to partly cloudy sky with maximum temp. 29-30  $^{\circ}$ C & minimum temp. 18-19  $^{\circ}$ C. Relative humidity may reach upto 95 % (max RH) & 48 % (min RH). The average wind speed may be 2-3 km/hr.

Date of issue: 28th September, 2018

Period: 1st October, 2018

### warning:

- \* As fog had been observed during morning hours and day temperatures are high in past days, temperory roof like structures using paddy straw and bamboo may be prepared for nursery in open field. Light watering may be done for healthy nursery.

  \* Harvest mature crops and sundry properly after harvesting and before storage to attain optimum moisture for storage.
- \* Clean godowns and spray with 1% Malathion on the walls before storage; also ensure that it is well ventilated.
- \* Mulching may be done with paddy straw/ leguminous plants/ Acalypha to conserve soil moisture.
- \* Measures may be taken up to control the population of flies and mosquitoes in and around the sheds of birds and animals and ensure that it is well ventilated as day temp. is high these days.

Standardized	Precipi	tation	Index:
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Field Crops		_			
Name of the crop	Stage	Pest and	disease	Agro-meteorological advisories	
Rice				<ul> <li>Maintain water level at 5-8 cm. Irrigate to meet the water requirement during grain filling stage.</li> <li>Harvest when 80% of the spikelet is yellow.</li> </ul>	
	Grain filling to	Neck Blast		Spray Tricyclazole 75% @ 10g/ 15 litre of water.	
	maturity to	Bacterial Le	eaf Blight	Spray Streptocycline @ 1g/15 litres of water (at least 5-6 pumps/ sangam).	
	harvesting stage	Aphid, mea	ly bugs	Spray Fipronil @ 2g/15 litres or Imidachloprid 17.8 SL @ 7 ml/ 15 litres of water.	
		Plant Hoppe Thrips	ers or	Spray Coragen 3-5 ml per 15 lit of water at the early stage of infestation.	
		Sheath bligh	nt/ Bakani	Carbendazim @ 30-40g/ 15 lit of water or Hexaclonazole @ 15ml/ 15 lit of water.	
Soybean/ Groundnut/ Blackgram/ Rice Bean	Maturity to harvesting			Harvest mature crops and sundry for 2-3 days for better threshing. After threshing sundry to attain optimum moisture for storage. Healthy seeds may be selected for seeds.	
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.	
Horticulture Crops					
Name of the crop	Stage	Pest and	disease	Agro-meteorological advisories	
Rabi vegetables	Land preparation to sowing			- Procure good quality seeds of onion, carrot, radish, coriander, potato, french bean, pea, broad bean, etc. Sowing may be done in prepared land.	
Cole crops	Nursery to transplanting			- 25-30 days old seedlings may be transplanted in the open field. Dip root in Carbendazim @ 10g/5 lit of water for 30 min before transplanting in raised beds.	
Ginger/ Turmeric	Rhizome developmen	t Leaf Blotch spot	and leaf	- To prevent the occurrence/ spreading of leaf blotch/ leaf spot, spray Mancozeb+ Carbendazim @2g/ litre of water at 7-10 days interval.	
Animal Sciences				· · · · · · · · · · · · · · · · · · ·	
Name of bird/ animal	Stage	Disease/ Management		Agro-meteorological advisories	
Poultry (Chicken/ Duck)	All age groups	Coccidiosis	Give Coc	cimar @ 2g/litre of drinking water for 5-7 days along with glucose.	
Sheep/ Goat	All age groups	Vaccination	If the ani	mals are not vaccinated against F.M.D., B.Q., H.S., Enterotoxaemia, etc. do it in this	
		Fascioliosis	Give Tola 50ml twice	zan-F @ 15ml orally/ kg b. wt. It must be associated with vitamins like Livozyme @ ce daily.	
Pig	All age groups except	Deworming	,		
	the young ones		Use Buto	x liquid @ 2 ml/ lit of water twice a week while brushing the animal.	
Cattle	All age groups	Vaccination		e against B.Q., F.M.D. & H.S. if not yet vaccinated.	
	excepts the young	Tick		x liquid @ 2ml/ litre water twice a week while brushing animals.	
	ones	Deworming			
Fisheries					
Carp culture				day. Sampling of fish for growth, disease should be done regularly by netting. Ensure good quality water in fish culture ponds by liming.	



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"Gramin Krishi Mausam Seva"



**Standardized Precipitation Index:** 

#### **MANIPUR AGROMET ADVISORY BULLETIN**

District: Thoubal

Weather forecast for next five days of Thoubal (2<sup>nd</sup> to 6<sup>th</sup> October, 2018)

Likely to have no rain upto Saturday and mainly clear to partly cloudy sky with maximum temp. 32-34  $^{\circ}$ C & minimum temp. 21-23  $^{\circ}$ C. Relative humidity may reach upto 98 % (max RH) & 74 % (min RH). The average wind speed may be 2-4 km/hr

Date of issue: 28th September, 2018

E-mail: agromet\_mnp@yahoo.co.uk

Period: 1st October, 2018

## Significant past weather for the preceding bi-weekly of Imphal - West (28<sup>th</sup> to 30<sup>th</sup> September, 2018)

Observed no rainfall with mainly clear to partly cloudy sky but foggy during morning hours of  $29^{th}$  and  $30^{th}$  Sept. Maximum temperature recorded ranged from 20.5 to 31.4 °C and minimum of 19.0 to 19.2 °C with mean relative humidity 90.0 % max and 55.0 % min was recorded in the past three days & average wind speed was  $2.8-3.6\,$  km/hr.

Warning: Nil

- \* As fog had been observed during morning hours and day temperatures are high in past days, temperory roof like structures using paddy straw and bamboo may be prepared for nursery in open field. Light watering may be done for healthy nursery.

  \* Harvest mature crops and sundry properly after harvesting and before storage to attain optimum moisture for storage.
- \* Clean godowns and spray with 1% Malathion on the walls before storage; also ensure that it is well ventilated.
- \* Mulching may be done with paddy straw/ leguminous plants/ Acalypha to conserve soil moisture.
- \* Measures may be taken up to control the population of flies and mosquitoes in and around the sheds of birds and animals and ensure
- \* Measures may be taken up to control the population of flies and mosquitoes in and around the sheds of birds and animals and ensure that it is well ventilated as day temp. is high these days.

Name of the crop	Stage	Pest and	disease	Agro-meteorological advisories
Rice				<ul> <li>- Maintain water level at 5-8 cm. Irrigate to meet the water requirement during grain filling stage.</li> <li>- Harvest when 80% of the spikelet is yellow.</li> </ul>
	Grain filling to	Neck Blast		Spray Tricyclazole 75% @ 10g/ 15 litre of water.
	maturity to harvesting stage	Bacterial Le	af Blight	Spray Streptocycline @ 1g/15 litres of water (at least 5-6 pumps/ sangam).
	narvesting stage	Aphid, meal	ly bugs	Spray Fipronil @ 2g/15 litres or Imidachloprid 17.8 SL @ 7 ml/ 15 litres of water.
		Plant Hoppe Thrips	ers or	Spray Coragen 3-5 ml per 15 lit of water at the early stage of infestation.
		Sheath bligh	nt/ Bakani	Carbendazim @ 30-40g/15 lit of water or Hexaclonazole @ 15ml/15 lit of water.
Soybean/ Groundnut/ Blackgram/ Rice Bean	Maturity to harvesting			Harvest mature crops and sundry for 2-3 days for better threshing. After threshing sundry to attain optimum moisture for storage. Healthy seeds may be selected for seeds.
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.
Horticulture Crops				<u> </u>
Name of the crop	Stage	Pest and	disease	Agro-meteorological advisories
Rabi vegetables	Land preparation to sowing			- Procure good quality seeds of onion, carrot, radish, coriander, potato, french bean, pea, broad bean, etc. Sowing may be done in prepared land.
Cole crops	Nursery to transplanting			- 25-30 days old seedlings may be transplanted in the open field. Dip root in Carbendazim @ 10g/5 lit of water for 30 min before transplanting in raised beds.
Ginger/ Turmeric	Rhizome developmen	t Leaf Blotch spot	and leaf	- To prevent the occurrence/ spreading of leaf blotch/ leaf spot, spray Mancozeb+ Carbendazim @2g/ litre of water at 7-10 days interval.
Animal Sciences				
Name of bird/ animal	Stage	Disease/ Management		Agro-meteorological advisories
Poultry (Chicken/ Duck)	All age groups	Coccidiosis	Give Coc	cimar @ 2g/litre of drinking water for 5-7 days along with glucose.
Sheep/ Goat	All age groups	Vaccination	ion If the animals are not vaccinated against F.M.D., B.Q., H.S., Enterotoxaemia, etc. d month.	
		Fascioliosis	Give Tolz 50ml twic	zan-F @ 15ml orally/ kg b. wt. It must be associated with vitamins like Livozyme @ ce daily.
Pig	All age groups except	Deworming	Give Mor	rantel citrate tablet (Banminth) @15mg/ kg body weight.
	the young ones		Use Buto	x liquid @ 2 ml/ lit of water twice a week while brushing the animal.
Cattle	All age groups	Vaccination		e against B.Q., F.M.D. & H.S. if not yet vaccinated.
	excepts the young	Tick		x liquid @ 2ml/ litre water twice a week while brushing animals.
	ones	Deworming	De-worm	with Nilzan/ Tolzan-F @20-30ml for 100 kg body weight.
Fisheries	T =			
Carp culture				day. Sampling of fish for growth, disease should be done regularly by netting. Ensure good quality water in fish culture ponds by liming.



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

"Gramin Krishi Mausam Seva"



**Standardized Precipitation Index:** 

#### **MANIPUR AGROMET ADVISORY BULLETIN**

District: Ukhrul

Date of issue: 28th September, 2018

Period: 1st October, 2018

E-mail: agromet\_mnp@yahoo.co.uk

#### Significant past weather for the preceding bi-weekly of Imphal - West (28<sup>th</sup> to 30<sup>th</sup> September, 2018)

Observed no rainfall with mainly clear to partly cloudy sky but foggy during morning hours of 29th and 30th Sept. Maximum temperature recorded ranged from 20.5 to 31.4 °C and minimum of 19.0 to 19.2 °C with mean relative humidity 90.0 % max and 55.0 % min was recorded in the past three days & average wind speed was 2.8 - 3.6 km/hr.

#### Weather forecast for next five days of Ukhrul (2<sup>nd</sup> to 6<sup>th</sup> October, 2018)

Likely to have no rain upto Saturday and mainly clear to partly cloudy sky with maximum temp. 29-30 °C & minimum temp. 18-19 °C. Relative humidity may reach upto 96 % (max RH) & 55 % (min RH). The average wind speed may be 3

## Warning:

- \* As fog had been observed during morning hours and day temperatures are high in past days, temperory roof like structures using paddy straw and bamboo may be prepared for nursery in open field. Light watering may be done for healthy nursery.
- \* Harvest mature crops and sundry properly after harvesting and before storage to attain optimum moisture for storage. \* Clean godowns and spray with 1% Malathion on the walls before storage; also ensure that it is well ventilated.
- \* Mulching may be done with paddy straw/ leguminous plants/ Acalypha to conserve soil moisture.
- \* Measures may be taken up to control the population of flies and mosquitoes in and around the sheds of birds and animals and ensure that it is well ventilated as day temp. is high these days.

Field Crops				
Name of the crop	Stage	Pest and	disease	Agro-meteorological advisories
Rice				<ul> <li>- Maintain water level at 5-8 cm. Irrigate to meet the water requirement during graifilling stage.</li> <li>- Harvest when 80% of the spikelet is yellow.</li> </ul>
	Grain filling to	Neck Blast		Spray Tricyclazole 75% @ 10g/ 15 litre of water.
	maturity to	Bacterial Le	af Blight	Spray Streptocycline @ 1g/15 litres of water (at least 5-6 pumps/ sangam).
	harvesting stage	Aphid, meal		Spray Fipronil @ 2g/15 litres or Imidachloprid 17.8 SL @ 7 ml/15 litres of water.
		Plant Hoppo Thrips		Spray Coragen 3-5 ml per 15 lit of water at the early stage of infestation.
		Sheath bligh	nt/ Bakani	Carbendazim @ 30-40g/ 15 lit of water or Hexaclonazole @ 15ml/ 15 lit of water.
Soybean/ Groundnut/ Blackgram/ Rice Bean	Maturity to harvesting			Harvest mature crops and sundry for 2-3 days for better threshing. After threshing sundry to attain optimum moisture for storage. Healthy seeds may be selected for seeds.
Seeds storage	Post-harvest management			For seed purpose store the seeds in <i>RC-Seed Bin</i> 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.
Horticulture Crops				
Name of the crop	Stage	Pest and	disease	Agro-meteorological advisories
Rabi vegetables	Land preparation to sowing			- Procure good quality seeds of french bean, pea, broad bean, etc. Sowing may be done in prepared land.
Cabbage	Nursery to transplanting			- 25-30 days old seedlings may be transplanted in the open field. Dip root in Carbendazim @ 10g/5 lit of water for 30 min before transplanting in raised beds.
Ginger/ Turmeric	Rhizome developmen	t Leaf Blotch spot	and leaf	- To prevent the occurrence/ spreading of leaf blotch/ leaf spot, spray Mancozeb+ Carbendazim @2g/ litre of water at 7-10 days interval.
Animal Sciences				
Name of bird/ animal	Stage	Disease/ Management		Agro-meteorological advisories
Poultry (Chicken/ Duck)	All age groups	Coccidiosis	Give Coc	cimar @ 2g/litre of drinking water for 5-7 days along with glucose.
Sheep/ Goat	All age groups	Vaccination	If the ani month.	mals are not vaccinated against F.M.D., B.Q., H.S., Enterotoxaemia, etc. do it in this
		Fascioliosis	Give Tola 50ml twice	zan-F @ 15ml orally/ kg b. wt. It must be associated with vitamins like Livozyme @ ce daily.
Pig Pig	All age groups except the young ones	Deworming		rantel citrate tablet (Banminth) @15mg/ kg body weight.
	1 , ,		Use Butox liquid @ 2 ml/ lit of water twice a week while brushing the animal.	
Cattle	All age groups	Vaccination		e against B.Q., F.M.D. & H.S. if not yet vaccinated.
	excepts the young	Tick		x liquid @ 2ml/ litre water twice a week while brushing animals.
	ones	Deworming	De-worm	with Nilzan/ Tolzan-F @20-30ml for 100 kg body weight.
isheries		0.540.27.3		
Carp culture				day. Sampling of fish for growth, disease should be done regularly by netting. Ensure good quality water in fish culture ponds by liming.



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

"Gramin Krishi Mausam Seva"



**Standardized Precipitation Index:** 

#### **MANIPUR AGROMET ADVISORY BULLETIN**

District: Bishnupur

Significant past weather for the preceding bi-weekly of Imphal - West (28<sup>th</sup> to 30<sup>th</sup> September, 2018)

Observed no rainfall with mainly clear to partly cloudy sky but foggy during morning hours of 29th and 30th Sept. Maximum temperature recorded ranged from 20.5 to 31.4 °C and minimum of 19.0 to 19.2 °C with mean relative humidity 90.0 % max and 55.0 % min was recorded in the past three days & average wind speed was 2.8 - 3.6 km/hr.

#### Weather forecast for next five days of Bishnupur (2<sup>nd</sup> to 6<sup>th</sup> October, 2018)

Likely to have no rain upto Saturday and mainly clear to partly cloudy sky with maximum temp. 33-34 °C & minimum temp. 20-22 °C. Relative humidity may reach upto 98 % (max RH) & 57 % (min RH). The average wind speed may be 0-

Date of issue: 28th September, 2018

E-mail: agromet\_mnp@yahoo.co.uk

Period: 1st October, 2018

- \* As fog had been observed during morning hours and day temperatures are high in past days, temperory roof like structures using paddy straw and bamboo may be prepared for nursery in open field. Light watering may be done for healthy nursery. \* Harvest mature crops and sundry properly after harvesting and before storage to attain optimum moisture for storage.
- \* Clean godowns and spray with 1% Malathion on the walls before storage; also ensure that it is well ventilated.
- \* Mulching may be done with paddy straw/ leguminous plants/ Acalypha to conserve soil moisture.
- \* Measures may be taken up to control the population of flies and mosquitoes in and around the sheds of birds and animals and ensure that it is well ventilated as day temp. is high these days.

Name of the crop	Stage	Pest and	disease	Agro-meteorological advisories	
Rice	Suge	T est and	discuse	<ul> <li>Maintain water level at 5-8 cm. Irrigate to meet the water requirement during graifilling stage.</li> <li>Harvest when 80% of the spikelet is yellow.</li> </ul>	
	Grain filling to	Neck Blast		Spray Tricyclazole 75% @ 10g/ 15 litre of water.	
	maturity to	Bacterial Le	af Blight	Spray Streptocycline @ 1g/15 litres of water (at least 5-6 pumps/ sangam).	
	harvesting stage	Aphid, meal	ly bugs	Spray Fipronil @ 2g/15 litres or Imidachloprid 17.8 SL @ 7 ml/ 15 litres of water.	
		Plant Hoppe Thrips		Spray Coragen 3-5 ml per 15 lit of water at the early stage of infestation.	
		Sheath bligh	nt/ Bakani	Carbendazim @ 30-40g/ 15 lit of water or Hexaclonazole @ 15ml/ 15 lit of water.	
Soybean/ Groundnut/ Blackgram/ Rice Bean	Maturity to harvesting			Harvest mature crops and sundry for 2-3 days for better threshing. After threshing sundry to attain optimum moisture for storage. Healthy seeds may be selected for seeds.	
Seeds storage	Post-harvest management			For seed purpose store the seeds in <i>RC-Seed Bin</i> 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.	
Horticulture Crops					
Name of the crop	Stage	Pest and	disease	Agro-meteorological advisories	
Rabi vegetables	Land preparation to sowing			- Procure good quality seeds of onion, carrot, radish, coriander, potato, french bean pea, broad bean, etc. Sowing may be done in prepared land.	
Cole crops	Nursery to transplanting			- 25-30 days old seedlings may be transplanted in the open field. Dip root in Carbendazim @ 10g/5 lit of water for 30 min before transplanting in raised beds.	
Ginger/ Turmeric	Rhizome developmen	t Leaf Blotch spot	and leaf	- To prevent the occurrence/ spreading of leaf blotch/ leaf spot, spray Mancozeb+ Carbendazim @2g/ litre of water at 7-10 days interval.	
Animal Sciences					
Name of bird/ animal	Stage	Disease/ Management		Agro-meteorological advisories	
Poultry (Chicken/ Duck)	All age groups	Coccidiosis		cimar @ 2g/litre of drinking water for 5-7 days along with glucose.	
Sheep/ Goat	All age groups	Vaccination	If the animals are not vaccinated against F.M.D., B.Q., H.S., Enterotoxaemia, etc. do it in the month.		
		Fascioliosis	Give Tola 50ml twice	zan-F @ 15ml orally/ kg b. wt. It must be associated with vitamins like Livozyme @ ce daily.	
Pig	All age groups except the young ones	Deworming		rantel citrate tablet (Banminth) @15mg/ kg body weight.	
	the young ones		Use Butox liquid @ 2 ml/ lit of water twice a week while brushing the animal.		
Cattle	All age groups	Vaccination	Vaccinat	e against B.Q., F.M.D. & H.S. if not yet vaccinated.	
	excepts the young	Tick	Use Buto	x liquid @ 2ml/ litre water twice a week while brushing animals.	
	ones	Deworming	De-worm	with Nilzan/Tolzan-F @20-30ml for 100 kg body weight.	
isheries					



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

"Gramin Krishi Mausam Seva"



**Standardized Precipitation Index:** 

#### **MANIPUR AGROMET ADVISORY BULLETIN**

District: Chandel

Significant past weather for the preceding bi-weekly of Imphal - West (28<sup>th</sup> to 30<sup>th</sup> September, 2018)

Observed no rainfall with mainly clear to partly cloudy sky but foggy during morning hours of 29th and 30th Sept. Maximum temperature recorded ranged from 20.5 to 31.4 °C and minimum of 19.0 to 19.2 °C with mean relative humidity 90.0 % max and 55.0 % min was recorded in the past three days & average wind speed was 2.8 - 3.6 km/hr.

#### Weather forecast for next five days of Chandel (2<sup>nd</sup> to 6<sup>th</sup> October, 2018)

Likely to have no rain upto Saturday and mainly clear to partly cloudy sky with maximum temp. 32-33 °C & minimum temp. 21-23 °C. Relative humidity may reach upto 95 % (max RH) & 64 % (min RH). The average wind speed may be 2-

Date of issue: 28th September, 2018

E-mail: agromet\_mnp@yahoo.co.uk

Period: 1st October, 2018

- \* As fog had been observed during morning hours and day temperatures are high in past days, temperory roof like structures using paddy straw and bamboo may be prepared for nursery in open field. Light watering may be done for healthy nursery.
- \* Harvest mature crops and sundry properly after harvesting and before storage to attain optimum moisture for storage. \* Clean godowns and spray with 1% Malathion on the walls before storage; also ensure that it is well ventilated.
- \* Mulching may be done with paddy straw/ leguminous plants/ Acalypha to conserve soil moisture.
- \* Measures may be taken up to control the population of flies and mosquitoes in and around the sheds of birds and animals and ensure that it is well ventilated as day temp. is high these days.

71.11.0				
Field Crops	Ctoro	Don't and	1:	A and another and a defended
Name of the crop	Stage	Pest and	disease	Agro-meteorological advisories - Maintain water level at 5-8 cm. Irrigate to meet the water requirement during grain
Rice				filling stage Harvest when 80% of the spikelet is yellow.
	Grain filling to	Neck Blast		Spray Tricyclazole 75% @ 10g/ 15 litre of water.
	maturity to	Bacterial Le	eaf Blight	Spray Streptocycline @ 1g/15 litres of water (at least 5-6 pumps/ sangam).
	harvesting stage	Aphid, meal	ly bugs	Spray Fipronil @ 2g/15 litres or Imidachloprid 17.8 SL @ 7 ml/15 litres of water.
		Plant Hoppe Thrips		Spray Coragen 3-5 ml per 15 lit of water at the early stage of infestation.
		Sheath bligh	nt/ Bakani	Carbendazim @ 30-40g/ 15 lit of water or Hexaclonazole @ 15ml/ 15 lit of water.
Soybean/ Groundnut/ Blackgram/ Rice Bean	Maturity to harvesting			Harvest mature crops and sundry for 2-3 days for better threshing. After threshing sundry to attain optimum moisture for storage. Healthy seeds may be selected for seeds.
Seeds storage	Post-harvest management			For seed purpose store the seeds in <i>RC-Seed Bin</i> 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.
Horticulture Crops				
Name of the crop	Stage	Pest and	disease	Agro-meteorological advisories
Rabi vegetables	Land preparation to sowing			- Procure good quality seeds of onion, carrot, radish, coriander, potato, french bean pea, broad bean, etc. Sowing may be done in prepared land.
Cole crops	Nursery to transplanting			- 25-30 days old seedlings may be transplanted in the open field. Dip root in Carbendazim @ 10g/5 lit of water for 30 min before transplanting in raised beds.
Ginger/ Turmeric	Rhizome developmen	t Leaf Blotch spot	and leaf	- To prevent the occurrence/ spreading of leaf blotch/ leaf spot, spray Mancozeb+ Carbendazim @2g/ litre of water at 7-10 days interval.
Animal Sciences				
Name of bird/ animal	Stage	Disease/ Management		Agro-meteorological advisories
Poultry (Chicken/ Duck)	All age groups	Coccidiosis	Give Coc	cimar @ 2g/litre of drinking water for 5-7 days along with glucose.
Sheep/ Goat	All age groups	Vaccination	month.	mals are not vaccinated against F.M.D., B.Q., H.S., Enterotoxaemia, etc. do it in this
		Fascioliosis	Give Tola 50ml twice	zan-F @ 15ml orally/ kg b. wt. It must be associated with vitamins like Livozyme @ ce daily.
Pig	All age groups except the young ones	Deworming		rantel citrate tablet (Banminth) @15mg/ kg body weight.
				x liquid @ 2 ml/ lit of water twice a week while brushing the animal.
Cattle	All age groups	Vaccination		e against B.Q., F.M.D. & H.S. if not yet vaccinated.
	excepts the young	Tick		x liquid @ 2ml/ litre water twice a week while brushing animals.
Fighaniag	ones	Deworming	De-worm	with Nilzan/ Tolzan-F @20-30ml for 100 kg body weight.
Fisheries	Dravida food 2 2 times	@ 5 10 % hadr	woight por	day. Sampling of fish for growth, disease should be done regularly by netting.
Carp culture				Cay. Sampling of fish for growth, disease should be done regularly by netting. Ensure good quality water in fish culture ponds by liming.