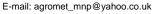


ICAR Research Complex for N.E.H. Region Manipur Centre, Lamphelpat, Imphal - 795 004 "Gramin Krishi Mausam Seva"





MANIPUR BULLETIN

1st May, 2018

<u>Bishnupur</u>

GKMS at AMFU- Lamphelpat, ICAR-RC Manipur Centre in association with India Meteorological Department, Regional Meteorological Centre, Guwahati and India Meteorological Department, New Delhi, Ministry of Earth Science, Govt. of India reports the weather forecasts for the next five days, i.e., from 2^{nd} to 6^{th} May, 2018 as below:

Significant past weather for the preceding bi-weekly of Imphal - West (27 th to 30 th April, 2018)	Weather forecast for next five days of Bishnupur (2 nd to 6 th May, 2018)
Observed 28.8 mm rainfall with overcast sky during past four days. Maximum temperature recorded ranged from 21.7 to 30.2 °C and minimum of 14.7 to 16.3 °C with mean relative humidity 88.8 % max and 56.3 % min was recorded in the past four days.	fairly widespread rainfall from Saturday during next five days with mainly cloudy to overcast sky with maximum temp. 27-28 °C &

Field Crops			
Name of the cro	p Stage	Pest and disease	Agro-meteorological advisories
Pre-kharif Rice	Tillering		- Maintained optimum water depth of 5-8cm in the field. Drain out excess water if accumulated due to rain in crop field.
Maize	<i>For Rabi Maize</i> Flowering & silkin	ng	 Drainage may be constructed well to avoid water logging in and around the crop field. Construct wind breaks to avoid uprooting of standing crops by the high speed winds.
	Kharif maize Land preparation and seed collectio	n	Land preparation for maize cultivation can be started after rains. Procure disease free quality seeds from reliable source.
Soybean/ Groundnu Blackgram/ Redgra			 Collect good quality seeds from reliable source for sowing. Land preparation for sowing of soybean/ groundnut/ blackgram/ redgram may be started after rains.
Seeds storage	Post harvest management		For seed purpose store the seeds in <i>RC-Seed Bin</i> after proper drying and cleaning of seeds along with dry charcoal at 80:20 w/w ratios. Check for moisture content or weight of charcoal and dry if required. For grains, store grains in well ventilated godowns after drying proper. Spray Malathion 1% on the walls of stores.
Horticulture Crop	<i>DS</i>		
Name of the crop	o Stage	Pest and disease	Agro-meteorological advisories
Bhindi	Sowing		Bhindi may be sown at the spacing of 30cm x 45cm before rains and drainage system must be well constructed to avoid water logging.
Ginger & turmer	ric Planting		Planting of ginger and turmeric may be done before rains and drainage system must be well constructed to avoid water logging.
Cucurbits	Transplanting to vegetative)	For the crops in vegetative stage, proper staking may be done to avoid plants to have direct contact with soil especially during rainy days. Avoid water logging.
Onion	Harvesting		- Onion bulbs may be harvested before rains and spread in the shed, let it dry for about 7-10 days without cutting the leaves to hasten the maturity. After this, cut the leaves and roots, injured and damaged ones may be sorted out and graded.
Colocasia	Land preparatio for planting	n	- Prepare land for planting colocasia after rains.
Tomato	Fruiting to harvesting		Avoid water logging. Harvest mature fruits before rains.
Animal Sciences	U	•	
		to protect from strong wind tock/ poultry (surrounding	ls and rains. area of 3ft width) using the repellent agent/ insecticides spray after rains.
Name of bird/ animal	Stage	Disease and Management	Agro-meteorological advisories
PoultryA(Chicken/Duck)	ll age groups	• Ranikhet disease	• Strongly advised to vaccinate against Ranikhet disease. Vaccinate the flock using Lasota strain vaccine through ocular route if the age of chick is less than 21 days and through nasal route if it is older than 21 days.



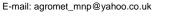
ICAR Research Complex for N.E.H. Region Manipur Centre, Lamphelpat, Imphal - 795 004 "Gramin Krishi Mausam Seva"



		Coccidiosis	• Give Amprolium @ 2 gms/ litre of drinking water for 5-7 days.
Sheep/ Goat	All age groups	 Vaccination 	• If the animals have not been vaccinated against F.M.D., B.Q., H.S.,
			Enterotoxaemia, etc. do it in this month.
			• PPR immunization must be done once in every three years.
		 Management 	• Fly repellant must be used in the premises of the sheds.
Pig	All age groups	• De-worming	• De-worm with Albendazole @7.5 mg/kg b.wt.
	except the young ones	Vaccination	• Vaccinate against FMD and Swine Fever.
	ones	• Skin disease	• Sprayer of <i>Anti-Psoroptic</i> may be used.
		 Management 	Breeding must be advocated continuously.
Cattle	All age groups excepts the young ones	Vaccination	 Vaccinate against B.Q., F.M.D. & H.S. if not yet vaccinated. Cases of H.S. may be encountered during this period Immediate treatment using appropriate drugs with the help of Consultant must
		Deworming	 be advocated to safe the animals. De-worm with Albomac suspension@60-90ml for 300kg body weight or 20-30ml for 100 kg body weight.
		Care & Management	Mixture of mineral/ salts should be added in the feed.
		Cure et munugement	• Avoid the cattle from chiting/ biting by flies. Adopt tick control measures
			Adequate care must be ensured for protecting from untimely strong rain/wind
• Fodder cultiva	ation: Berseem/ oat cro	p may be sown immediately.	
	ation: Berseem/ oat cro	p may be sown immediately.	
Fishery			
<i>Fishery</i> * New fish pond	s may be made or old	ones may be renovated/ clear	ned before for large scale fish culture. ng fish fries/ fingerlings or yearlings.
Fishery * New fish pond * Care must be ta * Intensive care	ls may be made or old aken for newly rain fea must be taken for fish	ones may be renovated/ clear d ponds by liming for stockin	ned before for large scale fish culture. g fish fries/ fingerlings or yearlings. separate ponds. It must be provided with balanced feed and good quality water.
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<i>Fishery</i> * New fish pond * Care must be ta	ls may be made or old aken for newly rain fea must be taken for fish	ones may be renovated/ clear d ponds by liming for stockin brooders by keeping them in	ned before for large scale fish culture. In g fish fries/ fingerlings or yearlings. separate ponds. It must be provided with balanced feed and good quality water. Agro-metrological advisories Ponds water should be clean and clear free from unwanted vegetation and insect
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MANIPUR BULLETIN

1st May, 2018

<u>Chandel</u>

GKMS at AMFU- Lamphelpat, ICAR-RC Manipur Centre in association with India Meteorological Department, Regional Meteorological Centre, Guwahati and India Meteorological Department, New Delhi, Ministry of Earth Science, Govt. of India reports the weather forecasts for the next five days, i.e., from 2nd to 6th May, 2018 as below:

Significant past weather for the preceding bi-weekly of Imphal - West (27 th to 30 th April, 2018)	Weather forecast for next five days of Chandel (2 nd to 6 th May, 2018)
Observed 28.8 mm rainfall with overcast sky during past four days. Maximum temperature recorded ranged from 21.7 to 30.2 °C and minimum of 14.7 to 16.3 °C with mean relative humidity 88.8 % max and 56.3 % min was recorded in the past four days.	fairly widespread rainfall from Saturday during next five days with

Field Crops			
Name of the cro	p Stage	Pest and disease	Agro-meteorological advisories
Pre-kharif Rice	Tillering		- Maintained optimum water depth of 5-8cm in the field. Drain out excess water if accumulated due to rain in crop field.
Maize	<i>For Rabi Maize</i> Flowering & silki	ng	 Drainage may be constructed well to avoid water logging in and around the crop field. Construct wind breaks to avoid uprooting of standing crops by the high speed winds.
	Kharif maize Land preparation and seed collectio	n	Land preparation for maize cultivation can be started after rains. Procure disease free quality seeds from reliable source.
Soybean/ Groundnu Blackgram/ Redgra			 Collect good quality seeds from reliable source for sowing. Land preparation for sowing of soybean/ groundnut/ blackgram/ redgram may be started after rains.
Seeds storage	Post harvest management		For seed purpose store the seeds in <i>RC-Seed Bin</i> after proper drying and cleaning of seeds along with dry charcoal at 80:20 w/w ratios. Check for moisture content or weight of charcoal and dry if required. For grains, store grains in well ventilated godowns after drying proper. Spray Malathion 1% on the walls of stores.
Horticulture Crop	DS		•
Name of the crop		Pest and disease	Agro-meteorological advisories
Bhindi	Sowing		Bhindi may be sown at the spacing of 30cm x 45cm before rains and drainage system must be well constructed to avoid water logging.
Ginger & turmer	ric Planting		Planting of ginger and turmeric may be done before rains and drainage system must be well constructed to avoid water logging.
Cucurbits	Transplanting to vegetative)	For the crops in vegetative stage, proper staking may be done to avoid plants to have direct contact with soil especially during rainy days. Avoid water logging.
Onion	Harvesting		- Onion bulbs may be harvested before rains and spread in the shed, let it dry for about 7-10 days without cutting the leaves to hasten the maturity. After this, cut the leaves and roots, injured and damaged ones may be sorted out and graded.
Colocasia	Land preparatio for planting	n	- Prepare land for planting colocasia after rains.
Tomato	Fruiting to harvesting		Avoid water logging. Harvest mature fruits before rains.
Animal Sciences		•	
* Repair the sheds of		to protect from strong wind tock/ poultry (surrounding	ls and rains. area of 3ft width) using the repellent agent/ insecticides spray after rains.
Name of bird/ animal	Stage	Disease and Management	Agro-meteorological advisories
Poultry A (Chicken/ Duck)	ll age groups	Ranikhet disease	• Strongly advised to vaccinate against Ranikhet disease. Vaccinate the flock using Lasota strain vaccine through ocular route if the age of chick is less than 21 days and through nasal route if it is older than 21 days.



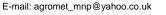
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		Coccidiosis	• Give Amprolium @ 2 gms/ litre of drinking water for 5-7 days.
Sheep/ Goat	All age groups	 Vaccination 	• If the animals have not been vaccinated against F.M.D., B.Q., H.S.,
			Enterotoxaemia, etc. do it in this month.
			• PPR immunization must be done once in every three years.
		 Management 	• Fly repellant must be used in the premises of the sheds.
Pig	All age groups	• De-worming	• De-worm with Albendazole @7.5 mg/kg b.wt.
	except the young ones	Vaccination	• Vaccinate against FMD and Swine Fever.
	ones	• Skin disease	• Sprayer of <i>Anti-Psoroptic</i> may be used.
		 Management 	Breeding must be advocated continuously.
Cattle	All age groups excepts the young ones	Vaccination	 Vaccinate against B.Q., F.M.D. & H.S. if not yet vaccinated. Cases of H.S. may be encountered during this period Immediate treatment using appropriate drugs with the help of Consultant must
		Deworming	 be advocated to safe the animals. De-worm with Albomac suspension@60-90ml for 300kg body weight or 20-30ml for 100 kg body weight.
		Care & Management	Mixture of mineral/ salts should be added in the feed.
		Cure et munugement	• Avoid the cattle from chiting/ biting by flies. Adopt tick control measures
			Adequate care must be ensured for protecting from untimely strong rain/wind
• Fodder cultiva	ation: Berseem/ oat cro	p may be sown immediately.	
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Fishery			
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Fishery * New fish pond * Care must be ta * Intensive care Type of Farming Carp culture Paddy cum fish culture	s may be made or old aken for newly rain fer must be taken for fish Stage nurseries Grow -out Field	ones may be renovated/ clear d ponds by liming for stockin brooders by keeping them in management Pond and water Feed Fish Pond and water Fish	 ned before for large scale fish culture. ng fish fries/ fingerlings or yearlings. separate ponds. It must be provided with balanced feed and good quality water. Agro-metrological advisories Ponds water should be clean and clear free from unwanted vegetation and insect and water depth should be maintained at 1.0-1.5m. Well balanced feeds should be provided 2-3 times a day @ 5-10% body weight/day 20-30 million spawn can be stock in 1 ha pond. Regular manuring with a slurry of RCD @1500kg/ha at interval of 30 days should be done. 8000-10,000 fingerlings can be stocked per ha. Sampling of fish for growth, diseases (if any) should be done by regular netting. Well balanced feed should be provided @ 3-5% body weight per day in 2-3 splits. Prepare trenches/channels in rice field to a depth of 1.0 - 1.5m. 30-40% of the rice fields can be converted into trenches/ditch/channels for paddy cum fish culture.
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Fishery * New fish pond * Care must be ta * Intensive care Type of Farming Carp culture Paddy cum fish culture	s may be made or old aken for newly rain fer must be taken for fish Stage nurseries Grow -out Field	ones may be renovated/ clear d ponds by liming for stockin brooders by keeping them in management Pond and water Feed Fish Pond and water Fish	 ned before for large scale fish culture. ng fish fries/ fingerlings or yearlings. separate ponds. It must be provided with balanced feed and good quality water. Agro-metrological advisories Ponds water should be clean and clear free from unwanted vegetation and insect and water depth should be maintained at 1.0-1.5m. Well balanced feeds should be provided 2-3 times a day @ 5-10% body weight/day 20-30 million spawn can be stock in 1 ha pond. Regular manuring with a slurry of RCD @ 1500kg/ha at interval of 30 days should be done. 8000-10,000 fingerlings can be stocked per ha. Sampling of fish for growth, diseases (if any) should be done by regular netting. Well balanced feed should be provided @ 3-5% body weight per day in 2-3 splits. Prepare trenches/channels in rice field to a depth of 1.0 - 1.5m. 30-40% of the rice fields can be converted into trenches/ditch/channels for paddy cum fish culture.



ICAR Research Complex for N.E.H. Region Manipur Centre, Lamphelpat, Imphal - 795 004 "Gramin Krishi Mausam Seva"





MANIPUR BULLETIN

<u>1st May, 2018</u>

Churachandpur

GKMS at AMFU- Lamphelpat, ICAR-RC Manipur Centre in association with India Meteorological Department, Regional Meteorological Centre, Guwahati and India Meteorological Department, New Delhi, Ministry of Earth Science, Govt. of India reports the weather forecasts for the next five days, i.e., from 2^{nd} to 6^{th} May, 2018 as below:

Significant past weather for the preceding bi-weekly of Imphal - West (27 th to 30 th April, 2018)	Weather forecast for next five days of Churachandpur (2 nd to 6 th May, 2018)
Observed 28.8 mm rainfall with overcast sky during past four days. Maximum temperature recorded ranged from 21.7 to 30.2 °C and minimum of 14.7 to 16.3 °C with mean relative humidity 88.8 % max and 56.3 % min was recorded in the past four days.	fairly widespread rainfall from Saturday during next five days with mainly cloudy to overcast sky with maximum temp. 25-28 °C &

Field Crops			
Name of the cro	p Stage	Pest and disease	Agro-meteorological advisories
Pre-kharif Rice	Tillering		- Maintained optimum water depth of 5-8cm in the field. Drain out excess water if accumulated due to rain in crop field.
Maize	<i>For Rabi Maize</i> Flowering & silki	ng	 Drainage may be constructed well to avoid water logging in and around the crop field. Construct wind breaks to avoid uprooting of standing crops by the high speed winds.
	Kharif maize Land preparation and seed collectio	n	Land preparation for maize cultivation can be started after rains. Procure disease free quality seeds from reliable source.
Soybean/ Groundnu Blackgram/ Redgra			 Collect good quality seeds from reliable source for sowing. Land preparation for sowing of soybean/ groundnut/ blackgram/ redgram may be started after rains.
Seeds storage	Post harvest management		For seed purpose store the seeds in <i>RC-Seed Bin</i> after proper drying and cleaning of seeds along with dry charcoal at 80:20 w/w ratios. Check for moisture content or weight of charcoal and dry if required. For grains, store grains in well ventilated godowns after drying proper. Spray Malathion 1% on the walls of stores.
Horticulture Crop	DS		•
Name of the crop		Pest and disease	Agro-meteorological advisories
Bhindi	Sowing		Bhindi may be sown at the spacing of 30cm x 45cm before rains and drainage system must be well constructed to avoid water logging.
Ginger & turmer	ric Planting		Planting of ginger and turmeric may be done before rains and drainage system must be well constructed to avoid water logging.
Cucurbits	Transplanting to vegetative)	For the crops in vegetative stage, proper staking may be done to avoid plants to have direct contact with soil especially during rainy days. Avoid water logging.
Onion	Harvesting		- Onion bulbs may be harvested before rains and spread in the shed, let it dry for about 7-10 days without cutting the leaves to hasten the maturity. After this, cut the leaves and roots, injured and damaged ones may be sorted out and graded.
Colocasia	Land preparatio for planting	n	- Prepare land for planting colocasia after rains.
Tomato	Fruiting to harvesting		Avoid water logging. Harvest mature fruits before rains.
Animal Sciences		•	
* Repair the sheds of		to protect from strong wind tock/ poultry (surrounding	ls and rains. area of 3ft width) using the repellent agent/ insecticides spray after rains.
Name of bird/ animal	Stage	Disease and Management	Agro-meteorological advisories
Poultry A (Chicken/ Duck)	ll age groups	Ranikhet disease	• Strongly advised to vaccinate against Ranikhet disease. Vaccinate the flock using Lasota strain vaccine through ocular route if the age of chick is less than 21 days and through nasal route if it is older than 21 days.



ICAR Research Complex for N.E.H. Region Manipur Centre, Lamphelpat, Imphal - 795 004 "Gramin Krishi Mausam Seva"



		Coccidiosis	• Give Amprolium @ 2 gms/ litre of drinking water for 5-7 days.
Sheep/ Goat	All age groups	 Vaccination 	• If the animals have not been vaccinated against F.M.D., B.Q., H.S.,
			Enterotoxaemia, etc. do it in this month.
			• PPR immunization must be done once in every three years.
		 Management 	• Fly repellant must be used in the premises of the sheds.
Pig	All age groups	• De-worming	• De-worm with Albendazole @7.5 mg/kg b.wt.
	except the young ones	Vaccination	• Vaccinate against FMD and Swine Fever.
	ones	• Skin disease	• Sprayer of <i>Anti-Psoroptic</i> may be used.
		 Management 	Breeding must be advocated continuously.
Cattle	All age groups excepts the young ones	Vaccination	 Vaccinate against B.Q., F.M.D. & H.S. if not yet vaccinated. Cases of H.S. may be encountered during this period Immediate treatment using appropriate drugs with the help of Consultant must
		Deworming	 be advocated to safe the animals. De-worm with Albomac suspension@60-90ml for 300kg body weight or 20-30ml for 100 kg body weight.
		Care & Management	Mixture of mineral/ salts should be added in the feed.
		Cure et munugement	• Avoid the cattle from chiting/ biting by flies. Adopt tick control measures
			Adequate care must be ensured for protecting from untimely strong rain/wind
• Fodder cultiva	ation: Berseem/ oat cro	p may be sown immediately.	
	ation: Berseem/ oat cro	p may be sown immediately.	
Fishery			
<i>Fishery</i> * New fish pond	s may be made or old	ones may be renovated/ clear	ned before for large scale fish culture. ng fish fries/ fingerlings or yearlings.
Fishery * New fish pond * Care must be ta * Intensive care	ls may be made or old aken for newly rain fea must be taken for fish	ones may be renovated/ clear d ponds by liming for stockin	ned before for large scale fish culture. g fish fries/ fingerlings or yearlings. separate ponds. It must be provided with balanced feed and good quality water.
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Fishery * New fish pond * Care must be t * Intensive care Type of Farming	Is may be made or old aken for newly rain fee must be taken for fish Stage	ones may be renovated/ clear d ponds by liming for stockin brooders by keeping them in management	ned before for large scale fish culture. In g fish fries/ fingerlings or yearlings. separate ponds. It must be provided with balanced feed and good quality water. Agro-metrological advisories
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Fishery * New fish pond * Care must be ta * Intensive care Type of Farming Carp culture Paddy cum fish culture	s may be made or old aken for newly rain fer must be taken for fish Stage nurseries Grow -out Field	ones may be renovated/ clear d ponds by liming for stockin brooders by keeping them in management Pond and water Feed Fish Pond and water Fish	 ned before for large scale fish culture. ng fish fries/ fingerlings or yearlings. separate ponds. It must be provided with balanced feed and good quality water. Agro-metrological advisories Ponds water should be clean and clear free from unwanted vegetation and insect and water depth should be maintained at 1.0-1.5m. Well balanced feeds should be provided 2-3 times a day @ 5-10% body weight/day 20-30 million spawn can be stock in 1 ha pond. Regular manuring with a slurry of RCD @ 1500kg/ha at interval of 30 days should be done. 8000-10,000 fingerlings can be stocked per ha. Sampling of fish for growth, diseases (if any) should be done by regular netting. Well balanced feed should be provided @ 3-5% body weight per day in 2-3 splits. Prepare trenches/channels in rice field to a depth of 1.0 - 1.5m. 30-40% of the rice fields can be converted into trenches/ditch/channels for paddy cum fish culture.



ICAR Research Complex for N.E.H. Region Manipur Centre, Lamphelpat, Imphal - 795 004 "Gramin Krishi Mausam Seva"





MANIPUR BULLETIN

1st May, 2018

Imphal East

GKMS at AMFU- Lamphelpat, ICAR-RC Manipur Centre in association with India Meteorological Department, Regional Meteorological Centre, Guwahati and India Meteorological Department, New Delhi, Ministry of Earth Science, Govt. of India reports the weather forecasts for the next five days, i.e., from 2^{nd} to 6^{th} May, 2018 as below:

Significant past weather for the preceding bi-weekly of Imphal - West (27 th to 30 th April, 2018)	Weather forecast for next five days of Imphal East (2 nd to 6 th May, 2018)
Observed 28.8 mm rainfall with overcast sky during past four days. Maximum temperature recorded ranged from 21.7 to 30.2 °C and minimum of 14.7 to 16.3 °C with mean relative humidity 88.8 % max and 56.3 % min was recorded in the past four days.	fairly widespread rainfall from Saturday during next five days with mainly cloudy to overcast sky with maximum temp. 25-28 °C &

Field Crops			
Name of the cro	op Stage	Pest and disease	Agro-meteorological advisories
Pre-kharif Rice	Tillering		- Maintained optimum water depth of 5-8cm in the field. Drain out excess water if accumulated due to rain in crop field.
Maize	<i>For Rabi Maize</i> Flowering & silki	ng	 Drainage may be constructed well to avoid water logging in and around the crop field. Construct wind breaks to avoid uprooting of standing crops by the high speed winds.
	Kharif maize Land preparation and seed collectio		Land preparation for maize cultivation can be started after rains. Procure disease free quality seeds from reliable source.
Soybean/ Groundnu Blackgram/ Redgra			 Collect good quality seeds from reliable source for sowing. Land preparation for sowing of soybean/ groundnut/ blackgram/ redgram may be started after rains.
Seeds storage	Post harvest management		For seed purpose store the seeds in <i>RC-Seed Bin</i> after proper drying and cleaning of seeds along with dry charcoal at 80:20 w/w ratios. Check for moisture content or weight of charcoal and dry if required. For grains, store grains in well ventilated godowns after drying proper. Spray Malathion 1% on the walls of stores.
Horticulture Cro	ps		
Name of the crop	o Stage	Pest and disease	Agro-meteorological advisories
Bhindi	Sowing		Bhindi may be sown at the spacing of 30cm x 45cm before rains and drainage system must be well constructed to avoid water logging.
Ginger & turme	ric Planting		Planting of ginger and turmeric may be done before rains and drainage system must be well constructed to avoid water logging.
Cucurbits	Transplanting to vegetative)	For the crops in vegetative stage, proper staking may be done to avoid plants to have direct contact with soil especially during rainy days. Avoid water logging.
Onion	Harvesting		- Onion bulbs may be harvested before rains and spread in the shed, let it dry for about 7-10 days without cutting the leaves to hasten the maturity. After this, cut the leaves and roots, injured and damaged ones may be sorted out and graded.
Colocasia	Land preparatio for planting	n	- Prepare land for planting colocasia after rains.
Tomato	Fruiting to harvesting		Avoid water logging. Harvest mature fruits before rains.
Animal Sciences	0	1	
* Repair the sheds		to protect from strong wind tock/ poultry (surrounding	ls and rains. area of 3ft width) using the repellent agent/ insecticides spray after rains.
Name of bird/ animal	Stage	Disease and Management	Agro-meteorological advisories
PoultryA(Chicken/Duck)	All age groups	Ranikhet disease	• Strongly advised to vaccinate against Ranikhet disease. Vaccinate the flock using Lasota strain vaccine through ocular route if the age of chick is less than 21 days and through nasal route if it is older than 21 days.



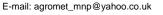
ICAR Research Complex for N.E.H. Region Manipur Centre, Lamphelpat, Imphal - 795 004 "Gramin Krishi Mausam Seva"



		Coccidiosis	• Give Amprolium @ 2 gms/ litre of drinking water for 5-7 days.
Sheep/ Goat	All age groups	 Vaccination 	• If the animals have not been vaccinated against F.M.D., B.Q., H.S.,
			Enterotoxaemia, etc. do it in this month.
			• PPR immunization must be done once in every three years.
		 Management 	• Fly repellant must be used in the premises of the sheds.
Pig	All age groups	• De-worming	• De-worm with Albendazole @7.5 mg/kg b.wt.
	except the young ones	Vaccination	• Vaccinate against FMD and Swine Fever.
	ones	• Skin disease	• Sprayer of <i>Anti-Psoroptic</i> may be used.
		 Management 	Breeding must be advocated continuously.
Cattle	All age groups excepts the young ones	Vaccination	 Vaccinate against B.Q., F.M.D. & H.S. if not yet vaccinated. Cases of H.S. may be encountered during this period Immediate treatment using appropriate drugs with the help of Consultant must
		Deworming	 be advocated to safe the animals. De-worm with Albomac suspension@60-90ml for 300kg body weight or 20-30ml for 100 kg body weight.
		Care & Management	Mixture of mineral/ salts should be added in the feed.
		Cure et munugement	• Avoid the cattle from chiting/ biting by flies. Adopt tick control measures
			Adequate care must be ensured for protecting from untimely strong rain/wind
• Fodder cultiva	ation: Berseem/ oat cro	p may be sown immediately.	
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ICAR Research Complex for N.E.H. Region Manipur Centre, Lamphelpat, Imphal - 795 004 "Gramin Krishi Mausam Seva"





MANIPUR BULLETIN

1st May, 2018

Imphal West

GKMS at AMFU- Lamphelpat, ICAR-RC Manipur Centre in association with India Meteorological Department, Regional Meteorological Centre, Guwahati and India Meteorological Department, New Delhi, Ministry of Earth Science, Govt. of India reports the weather forecasts for the next five days, i.e., from 2^{nd} to 6^{th} May, 2018 as below:

Significant past weather for the preceding bi-weekly of Imphal - West (27 th to 30 th April, 2018)	Weather forecast for next five days of Imphal West (2 nd to 6 th May, 2018)
Observed 28.8 mm rainfall with overcast sky during past four days. Maximum temperature recorded ranged from 21.7 to 30.2 °C and minimum of 14.7 to 16.3 °C with mean relative humidity 88.8 % max and 56.3 % min was recorded in the past four days.	Likely to have thundery showers with gusty winds upto Friday and fairly widespread rainfall from Saturday during next five days with mainly cloudy to overcast sky with maximum temp. 25-28 °C & minimum temp. 16 °C. Relative humidity may reach up to 100 % (max RH) & 68 % (min RH). The average wind speed may be 2-3 km/hr.

Field Crops			
Name of the cro	p Stage	Pest and disease	Agro-meteorological advisories
Pre-kharif Rice	Tillering		- Maintained optimum water depth of 5-8cm in the field. Drain out excess water if accumulated due to rain in crop field.
Maize	<i>For Rabi Maize</i> Flowering & silkin	ng	 Drainage may be constructed well to avoid water logging in and around the crop field. Construct wind breaks to avoid uprooting of standing crops by the high speed winds.
	Kharif maize Land preparation and seed collectio	n	Land preparation for maize cultivation can be started after rains. Procure disease free quality seeds from reliable source.
Soybean/ Groundnu Blackgram/ Redgra			 Collect good quality seeds from reliable source for sowing. Land preparation for sowing of soybean/ groundnut/ blackgram/ redgram may be started after rains.
Seeds storage	Post harvest management		For seed purpose store the seeds in <i>RC-Seed Bin</i> after proper drying and cleaning of seeds along with dry charcoal at 80:20 w/w ratios. Check for moisture content or weight of charcoal and dry if required. For grains, store grains in well ventilated godowns after drying proper. Spray Malathion 1% on the walls of stores.
Horticulture Crop	<i>DS</i>		
Name of the crop	o Stage	Pest and disease	Agro-meteorological advisories
Bhindi	Sowing		Bhindi may be sown at the spacing of 30cm x 45cm before rains and drainage system must be well constructed to avoid water logging.
Ginger & turmer	ric Planting		Planting of ginger and turmeric may be done before rains and drainage system must be well constructed to avoid water logging.
Cucurbits	Transplanting to vegetative)	For the crops in vegetative stage, proper staking may be done to avoid plants to have direct contact with soil especially during rainy days. Avoid water logging.
Onion	Harvesting		- Onion bulbs may be harvested before rains and spread in the shed, let it dry for about 7-10 days without cutting the leaves to hasten the maturity. After this, cut the leaves and roots, injured and damaged ones may be sorted out and graded.
Colocasia	Land preparatio for planting	n	- Prepare land for planting colocasia after rains.
Tomato	Fruiting to harvesting		Avoid water logging. Harvest mature fruits before rains.
Animal Sciences	U	•	
		to protect from strong wind tock/ poultry (surrounding	ls and rains. area of 3ft width) using the repellent agent/ insecticides spray after rains.
Name of bird/ animal	Stage	Disease and Management	Agro-meteorological advisories
PoultryA(Chicken/Duck)	ll age groups	• Ranikhet disease	• Strongly advised to vaccinate against Ranikhet disease. Vaccinate the flock using Lasota strain vaccine through ocular route if the age of chick is less than 21 days and through nasal route if it is older than 21 days.



ICAR Research Complex for N.E.H. Region Manipur Centre, Lamphelpat, Imphal - 795 004 "Gramin Krishi Mausam Seva"



		Coccidiosis	• Give Amprolium @ 2 gms/ litre of drinking water for 5-7 days.
Sheep/ Goat	All age groups	 Vaccination 	• If the animals have not been vaccinated against F.M.D., B.Q., H.S.,
			Enterotoxaemia, etc. do it in this month.
			• PPR immunization must be done once in every three years.
		 Management 	• Fly repellant must be used in the premises of the sheds.
Pig	All age groups	• De-worming	• De-worm with Albendazole @7.5 mg/kg b.wt.
	except the young ones	Vaccination	• Vaccinate against FMD and Swine Fever.
	ones	• Skin disease	• Sprayer of <i>Anti-Psoroptic</i> may be used.
		 Management 	Breeding must be advocated continuously.
Cattle	All age groups excepts the young ones	Vaccination	 Vaccinate against B.Q., F.M.D. & H.S. if not yet vaccinated. Cases of H.S. may be encountered during this period Immediate treatment using appropriate drugs with the help of Consultant must
		Deworming	 be advocated to safe the animals. De-worm with Albomac suspension@60-90ml for 300kg body weight or 20-30ml for 100 kg body weight.
		Care & Management	Mixture of mineral/ salts should be added in the feed.
		Cure et munugement	• Avoid the cattle from chiting/ biting by flies. Adopt tick control measures
			Adequate care must be ensured for protecting from untimely strong rain/wind
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ICAR Research Complex for N.E.H. Region Manipur Centre, Lamphelpat, Imphal - 795 004 "Gramin Krishi Mausam Seva"





MANIPUR BULLETIN

1st May, 2018

<u>Senapati</u>

GKMS at AMFU- Lamphelpat, ICAR-RC Manipur Centre in association with India Meteorological Department, Regional Meteorological Centre, Guwahati and India Meteorological Department, New Delhi, Ministry of Earth Science, Govt. of India reports the weather forecasts for the next five days, i.e., from 2^{nd} to 6^{th} May, 2018 as below:

Significant past weather for the preceding bi-weekly of Imphal - West (27 th to 30 th April, 2018)	Weather forecast for next five days of Senapati (2 nd to 6 th May, 2018)
Observed 28.8 mm rainfall with overcast sky during past four days. Maximum temperature recorded ranged from 21.7 to 30.2 °C and minimum of 14.7 to 16.3 °C with mean relative humidity 88.8 % max and 56.3 % min was recorded in the past four days.	fairly widespread rainfall from Saturday during next five days with mainly cloudy to overcast sky with maximum temp. 23-24 °C &

Field Crops				
Name of the c	crop	Stage	Pest and disease	Agro-meteorological advisories
Pre-kharif Ric	•	Tillering		- Maintained optimum water depth of 5-8cm in the field. Drain out excess water
I IC-KIIAI II KIC		Thiering		if accumulated due to rain in crop field.
				- Drainage may be constructed well to avoid water logging in and around the
		For Rabi Maize		crop field.
Maize		Flowering & silki	ng	- Construct wind breaks to avoid uprooting of standing crops by the high speed winds.
Maize		Kharif maize		Land preparation for maize cultivation can be started after rains.
		Land preparation	,	Procure disease free quality seeds from reliable source.
		and seed collection		
Soybean/ Ground		Seed collection		- Collect good quality seeds from reliable source for sowing.
Blackgram/ Redg	gram	Land preparatio	n	- Land preparation for sowing of soybean/ groundnut/ blackgram/ redgram may
				be started after rains.
				For seed purpose store the seeds in <i>RC-Seed Bin</i> after proper drying and
C. J. Maria		Post harvest		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.
Seeds storage		management		For grains, store grains in well ventilated godowns after drying proper. Spray
				Malathion 1% on the walls of stores.
Horticulture C	rops			
Name of the cr		Stage	Pest and disease	Agro-meteorological advisories
Ginger & turn	_	Planting		Planting of ginger and turmeric may be done before rains and drainage system
8		_		must be well constructed to avoid water logging.
Cucurbits		Transplanting to)	For the crops in vegetative stage, proper staking may be done to avoid plants to
		vegetative		have direct contact with soil especially during rainy days.
				Avoid water logging.
Colocasia		Land preparatio	n	- Prepare land for planting colocasia after rains.
A		for planting		
Animal Science				
			to protect from strong wind tack/ poultry (surrounding	as and rains. a area of 3ft width) using the repellent agent/ insecticides spray after rains.
Name of bird/		Stage	Disease and	Agro-meteorological advisories
animal		Stage	Management	Agro-incitor ological auvisories
Poultry	All a	ge groups	Ranikhet disease	• Strongly advised to vaccinate against Ranikhet disease. Vaccinate the flock
(Chicken/		8- 8 F		using Lasota strain vaccine through ocular route if the age of chick is less than
Duck)				21 days and through nasal route if it is older than 21 days.
			Coccidiosis	• Give Amprolium @ 2 gms/ litre of drinking water for 5-7 days.
Sheep/ Goat	All a	ge groups	Vaccination	• If the animals have not been vaccinated against F.M.D., B.Q., H.S.,
-				Enterotoxaemia, etc. do it in this month.
				• PPR immunization must be done once in every three years.
			 Management 	• Fly repellant must be used in the premises of the sheds.
Pig	All a	ge groups	• De-worming	• De-worm with Albendazole @7.5 mg/kg b.wt.
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ICAR Research Complex for N.E.H. Region Manipur Centre, Lamphelpat, Imphal - 795 004

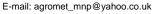
"Gramin Krishi Mausam Seva"



	except the young	Vaccination	• Vaccinate against FMD and Swine Fever.
	ones	Skin disease	• Sprayer of Anti-Psoroptic may be used.
		Management	Breeding must be advocated continuously.
Cattle	All age groups excepts the young ones	Vaccination	 Vaccinate against B.Q., F.M.D. & H.S. if not yet vaccinated. Cases of H.S. may be encountered during this period Immediate treatment using appropriate drugs with the help of Consultant must be advocated to safe the animals.
		• Deworming	• De-worm with Albomac suspension@60-90ml for 300kg body weight or 20- 30ml for 100 kg body weight.
		Care & Management	 Mixture of mineral/ salts should be added in the feed. Avoid the cattle from chiting/ biting by flies. Adopt tick control measures
• Toddan14			• Adequate care must be ensured for protecting from untimely strong rain/wind
• Fodder cultiva Fishery	tion: Berseem/ oat cro	pp may be sown immediately.	
			ned before for large scale fish culture.
* Care must be ta * Intensive care 1 Type of	aken for newly rain fee	d ponds by liming for stockin	and before for large scale fish culture. ang fish fries/ fingerlings or yearlings. separate ponds. It must be provided with balanced feed and good quality water. Agro-metrological advisories
* Care must be ta * Intensive care 1 Type of	aken for newly rain fee must be taken for fish	d ponds by liming for stockin brooders by keeping them in	and growner of the second s
* Care must be ta * Intensive care n Type of Farming	aken for newly rain fee must be taken for fish Stage	d ponds by liming for stockin brooders by keeping them in management	ng fish fries/ fingerlings or yearlings. separate ponds. It must be provided with balanced feed and good quality water. Agro-metrological advisories
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ICAR Research Complex for N.E.H. Region Manipur Centre, Lamphelpat, Imphal - 795 004 "Gramin Krishi Mausam Seva"





MANIPUR BULLETIN

1st May, 2018

Tamenglong

GKMS at AMFU- Lamphelpat, ICAR-RC Manipur Centre in association with India Meteorological Department, Regional Meteorological Centre, Guwahati and India Meteorological Department, New Delhi, Ministry of Earth Science, Govt. of India reports the weather forecasts for the next five days, i.e., from 2^{nd} to 6^{th} May, 2018 as below:

Significant past weather for the preceding bi-weekly of Imphal - West (27 th to 30 th April, 2018)	Weather forecast for next five days of Tamenglong (2 nd to 6 th May, 2018)
Observed 28.8 mm rainfall with overcast sky during past four days. Maximum temperature recorded ranged from 21.7 to 30.2 °C and minimum of 14.7 to 16.3 °C with mean relative humidity 88.8 % max and 56.3 % min was recorded in the past four days.	Likely to have thundery showers with gusty winds upto Friday and fairly widespread rainfall from Saturday during next five days with mainly cloudy to overcast sky with maximum temp. 24-26 °C & minimum temp. 14-15 °C. Relative humidity may reach up to 99 % (max RH) & 64 % (min RH). The average wind speed may be 2-3 km/hr .

Field Crops			
Name of the crop	Stage	Pest and disease	Agro-meteorological advisories
Pre-kharif Rice	Tillering		- Maintained optimum water depth of 5-8cm in the field. Drain out excess water if accumulated due to rain in crop field.
Maize	For Rabi Maize Flowering & silkin	g	 Drainage may be constructed well to avoid water logging in and around the crop field. Construct wind breaks to avoid uprooting of standing crops by the high speed winds.
	Kharif maize Land preparation and seed collection		Land preparation for maize cultivation can be started after rains. Procure disease free quality seeds from reliable source.
Soybean/ Groundnu Blackgram/ Redgrar			 Collect good quality seeds from reliable source for sowing. Land preparation for sowing of soybean/ groundnut/ blackgram/ redgram may be started after rains.
Seeds storage	Post harvest management		For seed purpose store the seeds in <i>RC-Seed Bin</i> after proper drying and cleaning of seeds along with dry charcoal at 80:20 w/w ratios. Check for moisture content or weight of charcoal and dry if required. For grains, store grains in well ventilated godowns after drying proper. Spray Malathion 1% on the walls of stores.
Horticulture Crop	S		•
Name of the crop	Stage	Pest and disease	Agro-meteorological advisories
Bhindi	Sowing		Bhindi may be sown at the spacing of 30cm x 45cm before rains and drainage system must be well constructed to avoid water logging.
Ginger & turmer	ic Planting		Planting of ginger and turmeric may be done before rains and drainage system must be well constructed to avoid water logging.
Cucurbits	Transplanting to vegetative		For the crops in vegetative stage, proper staking may be done to avoid plants to have direct contact with soil especially during rainy days. Avoid water logging.
Onion	Harvesting		- Onion bulbs may be harvested before rains and spread in the shed, let it dry for about 7-10 days without cutting the leaves to hasten the maturity. After this, cut the leaves and roots, injured and damaged ones may be sorted out and graded.
Colocasia	Land preparation for planting		- Prepare land for planting colocasia after rains.
Tomato	Fruiting to harvesting		Avoid water logging. Harvest mature fruits before rains.
Animal Sciences		1	
* Repair the sheds of		o protect from strong wind ock/ poultry (surrounding	ls and rains. area of 3ft width) using the repellent agent/ insecticides spray after rains.
Name of bird/ animal	Stage	Disease and Management	Agro-meteorological advisories
Poultry A (Chicken/ Duck)	l age groups	Ranikhet disease	• Strongly advised to vaccinate against Ranikhet disease. Vaccinate the flock using Lasota strain vaccine through ocular route if the age of chick is less than 21 days and through nasal route if it is older than 21 days.



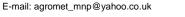
ICAR Research Complex for N.E.H. Region Manipur Centre, Lamphelpat, Imphal - 795 004 "Gramin Krishi Mausam Seva"



		Coccidiosis	• Give Amprolium @ 2 gms/ litre of drinking water for 5-7 days.
Sheep/ Goat	All age groups	 Vaccination 	• If the animals have not been vaccinated against F.M.D., B.Q., H.S.,
			Enterotoxaemia, etc. do it in this month.
			• PPR immunization must be done once in every three years.
		 Management 	• Fly repellant must be used in the premises of the sheds.
Pig	All age groups	• De-worming	• De-worm with Albendazole @7.5 mg/kg b.wt.
	except the young ones	Vaccination	• Vaccinate against FMD and Swine Fever.
	ones	• Skin disease	• Sprayer of <i>Anti-Psoroptic</i> may be used.
		 Management 	Breeding must be advocated continuously.
Cattle	All age groups excepts the young ones	Vaccination	 Vaccinate against B.Q., F.M.D. & H.S. if not yet vaccinated. Cases of H.S. may be encountered during this period Immediate treatment using appropriate drugs with the help of Consultant must
		Deworming	 be advocated to safe the animals. De-worm with Albomac suspension@60-90ml for 300kg body weight or 20-30ml for 100 kg body weight.
		Care & Management	Mixture of mineral/ salts should be added in the feed.
		Cure et munugement	• Avoid the cattle from chiting/ biting by flies. Adopt tick control measures
			Adequate care must be ensured for protecting from untimely strong rain/wind
• Fodder cultiva	ation: Berseem/ oat cro	p may be sown immediately.	
	ation: Berseem/ oat cro	p may be sown immediately.	
Fishery			
<i>Fishery</i> * New fish pond	s may be made or old	ones may be renovated/ clear	ned before for large scale fish culture. ng fish fries/ fingerlings or yearlings.
Fishery * New fish pond * Care must be ta * Intensive care	ls may be made or old aken for newly rain fea must be taken for fish	ones may be renovated/ clear d ponds by liming for stockin	ned before for large scale fish culture. g fish fries/ fingerlings or yearlings. separate ponds. It must be provided with balanced feed and good quality water.
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ICAR Research Complex for N.E.H. Region Manipur Centre, Lamphelpat, Imphal - 795 004 "Gramin Krishi Mausam Seva"





MANIPUR BULLETIN

1st May, 2018

<u>Thoubal</u>

GKMS at AMFU- Lamphelpat, ICAR-RC Manipur Centre in association with India Meteorological Department, Regional Meteorological Centre, Guwahati and India Meteorological Department, New Delhi, Ministry of Earth Science, Govt. of India reports the weather forecasts for the next five days, i.e., from 2^{nd} to 6^{th} May, 2018 as below:

Significant past weather for the preceding bi-weekly of Imphal - West (27 th to 30 th April, 2018)	Weather forecast for next five days of Thoubal (2 nd to 6 th May, 2018)
Observed 28.8 mm rainfall with overcast sky during past four days. Maximum temperature recorded ranged from 21.7 to 30.2 °C and minimum of 14.7 to 16.3 °C with mean relative humidity 88.8 % max and 56.3 % min was recorded in the past four days.	Likely to have thundery showers with gusty winds upto Friday and fairly widespread rainfall from Saturday during next five days with mainly cloudy to overcast sky with maximum temp. 27-28 °C & minimum temp. 16 °C. Relative humidity may reach up to 100 % (max RH) & 52 % (min RH). The average wind speed may be 0-2 km/hr.

Field Crops			
Name of the cro	op Stage	Pest and disease	Agro-meteorological advisories
Pre-kharif Rice	Tillering		- Maintained optimum water depth of 5-8cm in the field. Drain out excess water if accumulated due to rain in crop field.
Maize	<i>For Rabi Maize</i> Flowering & silkir	ıg	 Drainage may be constructed well to avoid water logging in and around the crop field. Construct wind breaks to avoid uprooting of standing crops by the high speed winds.
	Kharif maize Land preparation and seed collection		Land preparation for maize cultivation can be started after rains. Procure disease free quality seeds from reliable source.
Soybean/ Groundnu Blackgram/ Redgra			 Collect good quality seeds from reliable source for sowing. Land preparation for sowing of soybean/ groundnut/ blackgram/ redgram may be started after rains.
Seeds storage	Post harvest management		For seed purpose store the seeds in <i>RC-Seed Bin</i> after proper drying and cleaning of seeds along with dry charcoal at 80:20 w/w ratios. Check for moisture content or weight of charcoal and dry if required. For grains, store grains in well ventilated godowns after drying proper. Spray Malathion 1% on the walls of stores.
Horticulture Crop	DS		•
Name of the crop		Pest and disease	Agro-meteorological advisories
Bhindi	Sowing		Bhindi may be sown at the spacing of 30cm x 45cm before rains and drainage system must be well constructed to avoid water logging.
Ginger & turmer	ric Planting		Planting of ginger and turmeric may be done before rains and drainage system must be well constructed to avoid water logging.
Cucurbits	Transplanting to vegetative		For the crops in vegetative stage, proper staking may be done to avoid plants to have direct contact with soil especially during rainy days. Avoid water logging.
Onion	Harvesting		- Onion bulbs may be harvested before rains and spread in the shed, let it dry for about 7-10 days without cutting the leaves to hasten the maturity. After this, cut the leaves and roots, injured and damaged ones may be sorted out and graded.
Colocasia	Land preparation for planting	1	- Prepare land for planting colocasia after rains.
Tomato	Fruiting to harvesting		Avoid water logging. Harvest mature fruits before rains.
Animal Sciences		•	·
		to protect from strong wind tock/ poultry (surrounding	ds and rains. area of 3ft width) using the repellent agent/ insecticides spray after rains.
Name of bird/ animal	Stage	Disease and Management	Agro-meteorological advisories
PoultryA(Chicken/Duck)	All age groups	Ranikhet disease	• Strongly advised to vaccinate against Ranikhet disease. Vaccinate the flock using Lasota strain vaccine through ocular route if the age of chick is less than 21 days and through nasal route if it is older than 21 days.



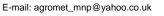
ICAR Research Complex for N.E.H. Region Manipur Centre, Lamphelpat, Imphal - 795 004 "Gramin Krishi Mausam Seva"



		Coccidiosis	• Give Amprolium @ 2 gms/ litre of drinking water for 5-7 days.
Sheep/ Goat	All age groups	 Vaccination 	• If the animals have not been vaccinated against F.M.D., B.Q., H.S.,
			Enterotoxaemia, etc. do it in this month.
			• PPR immunization must be done once in every three years.
		 Management 	• Fly repellant must be used in the premises of the sheds.
Pig	All age groups	• De-worming	• De-worm with Albendazole @7.5 mg/kg b.wt.
	except the young ones	Vaccination	• Vaccinate against FMD and Swine Fever.
	ones	• Skin disease	• Sprayer of <i>Anti-Psoroptic</i> may be used.
		 Management 	Breeding must be advocated continuously.
Cattle	All age groups excepts the young ones	Vaccination	 Vaccinate against B.Q., F.M.D. & H.S. if not yet vaccinated. Cases of H.S. may be encountered during this period Immediate treatment using appropriate drugs with the help of Consultant must
		Deworming	 be advocated to safe the animals. De-worm with Albomac suspension@60-90ml for 300kg body weight or 20-30ml for 100 kg body weight.
		Care & Management	Mixture of mineral/ salts should be added in the feed.
		Cure et munugement	• Avoid the cattle from chiting/ biting by flies. Adopt tick control measures
			Adequate care must be ensured for protecting from untimely strong rain/wind
• Fodder cultiva	ation: Berseem/ oat cro	p may be sown immediately.	
	ation: Berseem/ oat cro	p may be sown immediately.	
Fishery			
<i>Fishery</i> * New fish pond	s may be made or old	ones may be renovated/ clear	ned before for large scale fish culture. ng fish fries/ fingerlings or yearlings.
Fishery * New fish pond * Care must be ta * Intensive care	ls may be made or old aken for newly rain fea must be taken for fish	ones may be renovated/ clear d ponds by liming for stockin	ned before for large scale fish culture. g fish fries/ fingerlings or yearlings. separate ponds. It must be provided with balanced feed and good quality water.
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ICAR Research Complex for N.E.H. Region Manipur Centre, Lamphelpat, Imphal - 795 004 "Gramin Krishi Mausam Seva"





MANIPUR BULLETIN

1st May, 2018

<u>Ukhrul</u>

GKMS at AMFU- Lamphelpat, ICAR-RC Manipur Centre in association with India Meteorological Department, Regional Meteorological Centre, Guwahati and India Meteorological Department, New Delhi, Ministry of Earth Science, Govt. of India reports the weather forecasts for the next five days, i.e., from 2^{nd} to 6^{th} May, 2018 as below:

Significant past weather for the preceding bi-weekly of Imphal - West (27 th to 30 th April, 2018)	Weather forecast for next five days of Ukhrul (2 nd to 6 th May, 2018)
Observed 28.8 mm rainfall with overcast sky during past four days. Maximum temperature recorded ranged from 21.7 to 30.2 °C and minimum of 14.7 to 16.3 °C with mean relative humidity 88.8 % max and 56.3 % min was recorded in the past four days.	fairly widespread rainfall from Saturday during next five days with

Name of the c	rop	Stage	Pest and disease	Agro-meteorological advisories
Pre-kharif Rice	•	Tillering		- Maintained optimum water depth of 5-8cm in the field. Drain out excess water
Рге-кпагп кісе		Thering		if accumulated due to rain in crop field.
				- Drainage may be constructed well to avoid water logging in and around the
		For Rabi Maize		crop field.
		Flowering & silkin	g	- Construct wind breaks to avoid uprooting of standing crops by the high speed
Maize				winds.
Land		Kharif maize		Land preparation for maize cultivation can be started after rains.
		Land preparation		Procure disease free quality seeds from reliable source.
Southean/Chaund	low4/	and seed collection		- Collect good quality seeds from reliable source for sowing.
Soybean/ Groundnut/ Blackgram/ Redgram		Seed collection to		- Land preparation for sowing of soybean/ groundnut/ blackgram/ redgram may
		Land preparation	L	be started after rains.
				For seed purpose store the seeds in <i>RC-Seed Bin</i> after proper drying and
Seeds storage		Post harvest		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.
		management		For grains, store grains in well ventilated godowns after drying proper. Spray
				Malathion 1% on the walls of stores.
Horticulture Cr	rong			Walatholi 170 on the wans of stores.
Name of the cr		Stage	Pest and disease	Agro-meteorological advisories
Ginger & turm		Planting	I est and discuse	Planting of ginger and turmeric may be done before rains and drainage system
Ginger & turn	ier ie	Thanting		must be well constructed to avoid water logging.
Cucurbits		Transplanting to		For the crops in vegetative stage, proper staking may be done to avoid plants to
Cucuibits		vegetative		have direct contact with soil especially during rainy days.
		0		Avoid water logging.
Colocasia		Land preparation	1	- Prepare land for planting colocasia after rains.
Colocasia		for planting		
Animal Science	?S	1 0		
* Repair the shea	ls of bi	irds and animals t	o protect from strong wind	ds and rains.
				area of 3ft width) using the repellent agent/ insecticides spray after rains.
Name of bird/		Stage	Disease and	Agro-meteorological advisories
animal		0	Management	
Poultry	All age groups		Ranikhet disease	• Strongly advised to vaccinate against Ranikhet disease. Vaccinate the flock
(Chicken/				using Lasota strain vaccine through ocular route if the age of chick is less than
Duck)				21 days and through nasal route if it is older than 21 days.
		•	• Coccidiosis	• Give Amprolium @ 2 gms/ litre of drinking water for 5-7 days.
Sheep/ Goat	All a	ge groups	Vaccination	• If the animals have not been vaccinated against F.M.D., B.Q., H.S.,
•	· ·			Enterotoxaemia, etc. do it in this month.
				• PPR immunization must be done once in every three years.
	-		Management	• Fly repellant must be used in the premises of the sheds.
Pig	All age groups		• De-worming	• De-worm with Albendazole @7.5 mg/kg b.wt.
* *8	7 11 ag	50 groups	- DC-worning	• De-worm with Albentazore @ 7.5 mg/kg 0.wt.



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

"Gramin Krishi Mausam Seva"



	except the young	Vaccination	• Vaccinate against FMD and Swine Fever.
	ones	Skin disease	• Sprayer of Anti-Psoroptic may be used.
		Management	Breeding must be advocated continuously.
Cattle	All age groups excepts the young ones	Vaccination	 Vaccinate against B.Q., F.M.D. & H.S. if not yet vaccinated. Cases of H.S. may be encountered during this period Immediate treatment using appropriate drugs with the help of Consultant must be advocated to safe the animals.
		• Deworming	• De-worm with Albomac suspension@60-90ml for 300kg body weight or 20- 30ml for 100 kg body weight.
		Care & Management	 Mixture of mineral/ salts should be added in the feed. Avoid the cattle from chiting/ biting by flies. Adopt tick control measures
• Toddan14			• Adequate care must be ensured for protecting from untimely strong rain/wind
• Fodder cultiva Fishery	tion: Berseem/ oat cro	pp may be sown immediately.	
			ned before for large scale fish culture.
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* Care must be ta * Intensive care 1 Type of Farming	aken for newly rain fee must be taken for fish	d ponds by liming for stockin brooders by keeping them in	and growner of the second s
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