

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



"Gramin Krishi Mausam Seva"

MANIPUR BULLETIN 28th April, 2015

Chandel

IAAS, ICAR-RC Manipur Centre in association with India Meteorological Department, Regional Meteorological Centre, Guwahati and Northern Hemisphere Analysis Centre, New Delhi, Ministry of Earth Science, Govt. of India reports the weather forecasts for the next five days, i.e., from 29th April to 3rd May, 2015 as below:

Significant past weather for the preceding bi-weekly of
Imphal - West (24 th to 27 th April, 2015)

During last four days sky was partly cloudy to cloudy. **42.2 mm** rainfall was recorded during last four days. Maximum temperature range observed was 21.6-27.7 °C, range of minimum temperature observed was 16.0-17.0 °C, mean relative humidity observed in morning and afternoon were 95.0 % and 76.5 % respectively. The average wind speed range was 0.9-2.1 km/hr.

Weather forecast for next five days of Chandel $(29^{th}$ April to 3^{rd} May, 2015)

There may be light to moderate rain upto Sunday. Sky will be partly cloudy to cloudy with maximum temp. of 24.0 – 28.0 °C & minimum temp. 13.0 – 16.0 °C. Relative humidity may reach upto 94 % (max RH) & 60 % (min RH). The average wind speed may be 3-5 km/ hr during next five days. Likely to have thunderstorm accompanied with hail/ squall at isolated places on 29th & 30th April

range was 0.9 – 2.1 km/hr.			isolated places on 29 th & 30 th April.
Name of the crop	Stage	Pest and disease infestation	Agro-meteorological advisories
Field Crops	,		
* Harvest rain water			
* Construct proper of	lrainage system in and arou	and the crop field.	A.C. C
Pre-kharif Rice	Tillering to panicle initiation stage		 After first top-dressing one or two prophylactic sprays in sunny days may be done with 300-400 ml phosphamidon(40%EC), 300g Carbendazim and 20g Streptocycline diluted in 400-500 litres of water to protect the crop from most of the pest and disease. After 45 days of transplanting (panicle initiation stage), apply 33kg Urea/ ha.
Kharif Rice	Land preparation for nursery		- For main kharif season the soil may be opened with tillers or disc ploughs. Seeds may be procured.
Rabi Maize	Silking to cob formation stage		Drain out excess rain water if accumulated due to rain in crop field.Land ploughing for kharif maize may be started.
Soybean	Land preparation to sowing		Seed rate is 40-45 kg/ha or 10-11.3 kg of seed /sangam and the recommended variety is J.S.335. Sowing may be done at spacing of 45cm x 30cm. - Treat seeds with Bavistin@2.5g/kg seed or with Captan/ Thiram.
Groundnut	Land preparation to sowing		Seed rate is 100 – 110 kg/ha and the recommended varieties are ICGS-75 & JL-24. Sowing may be done at spacing of 30cm x 15cm. - Treat seeds with Bavistin@2.5g/kg seed or with Captan/ Thiram.
Storage (seed)			- Dry, clean and store the seeds in RC-seed bins after proper drying of seeds and charcoal. Check for moisture content or weight of seeds. After proper drying, store grains/ seeds in well ventilated godowns.
Horticulture Crops	<u>'</u>		
Cucurbits	Vegetative to flowering and fruiting		 Construct proper staking system to support plant and avoid fruits to touch soil. Rotting of young fruits/ premature ripening of fruits if observed then Methyl Eugenol or Beculure may be used as pheromone trap for fruit fly also insecticides like Cypermethrin may be sprayed.
Colocassia	Planting		 Select upland/ slope area to avoid water stagnation during rainy days. Make it a weed free plot. Apply 25-30t FYM/sangam (@5-6 cartloads) during final land preparation or 10-20 days before transplanting. Incorporate the soil with ¾ of N, full dose of P and K (39kg Urea, 125kg SSP and 40kg MOP) per sangam. Remaining 13 kg Urea should be applied as top dress during earthing-up (shallow hoeing). Use disease free quality planting material. Treat the corm/ cormets



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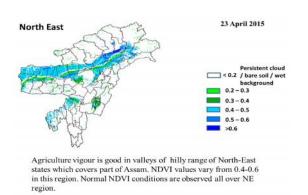


"Gramin Krishi Mausam Seva"

			with either Carbendazim@ 2g/ kg seed or with Sixer (Carbendazim + Mencozeb) @2g/ kg seed 30-50g seed size may be sown at a spacing of 30-45cm seed to seed and 45-60cm row to row. Depth of the planting should not be more than 8cm.
Bhindi/ French bean	Vegetative		- Weeding may be done.- Avoid water logging.
Animal Sciences			
Name of the animal	Growth stage	Disease/ infestation	Agro-meteorological advisories
Poultry (Chicken/ Turkey/ Duck)	All age groups		- Culling of birds within 1km will be taken up by the Vety. Department and within 10 km surveillance will be done Bleaching powder may be spread near farm premises.
Sheep/ Goat	Above 3 months of age (as and when required)	Black Quarter/ Haemorhagic Septicaemia and F.M.D.	Vaccinate against B.Q./ H.S. and FMD using proven vaccine of the diseases mentioned.
Cattle / Buffalo/ Mithun	Above 3 months of age (as and when required)	Skin infections	 - Use Butox liq. @ 2ml/ litres of water and brush the animal using the solution at 15 days interval. * For Mithun, give Ivermectin @ 200 mg per kg body weight at the time of salt feeding.
		Black Quarter/ Haemorhagic Septicaemia	Vaccinate against B.Q./ H.S. using proven vaccine of the diseases mentioned.
		F.M.D.	- Vaccinate against F.M.D.

Fisheries

- * New fish ponds may be made or old ones may be renovated/ cleaned before for large scale fish culture.
- * Care must be taken for newly rain fed ponds by liming for stocking fish fries/ fingerlings or yearlings.
- * Intensive care must be taken for fish brooders by keeping them in separate ponds. It must be provided with well 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 28th April, 2015

Churachandpur

IAAS, ICAR-RC Manipur Centre in association with India Meteorological Department, Regional Meteorological Centre, Guwahati and Northern Hemisphere Analysis Centre, New Delhi, Ministry of Earth Science, Govt. of India reports the weather forecasts for the next five days, i.e., from 29th April to 3rd May, 2015 as below:

Significant past weather for the preceding bi-weekly of
Imphal - West (24 th to 27 th April, 2015)

During last four days sky was partly cloudy to cloudy. 42.2 mm rainfall was recorded during last four days. Maximum temperature range observed was 21.6 - 27.7 °C, range of minimum temperature observed was 16.0 - 17.0 °C, mean relative humidity observed in morning and afternoon were

Weather forecast for next five days of Churachandpur (29th April to 3rd May, 2015)

There may be light to moderate rain upto Sunday. Sky will be partly cloudy to cloudy with maximum temp. of 26.0 – 29.0 °C & minimum temp. 15.0 – 17.0 °C. Relative humidity may reach upto 98 % (max RH) & 77 % (min RH). The average wind speed may be 2-4 km/ hr during next five days.

range was 0.9	9 – 2.1 km/hr.		isolated places on 29 th & 30 th April.
Name of the crop	Stage	Pest and disease infestation	Agro-meteorological advisories
Field Crops	<u>, </u>		
* Harvest rain water * Construct proper d	Irainage system in and arou	ınd the crop field.	
Pre-kharif Rice	Tillering to panicle initiation stage		 After first top-dressing one or two prophylactic sprays in sunny days may be done with 300-400 ml phosphamidon(40%EC), 300g Carbendazim and 20g Streptocycline diluted in 400-500 litres of water to protect the crop from most of the pest and disease. After 45 days of transplanting (panicle initiation stage), apply 33kg Urea/ha.
Kharif Rice	Land preparation for nursery		- For main kharif season the soil may be opened with tillers or disc ploughs. Seeds may be procured.
Rabi Maize	Silking to cob formation stage		Drain out excess rain water if accumulated due to rain in crop field.Land ploughing for kharif maize may be started.
Soybean	Land preparation to sowing		Seed rate is 40-45 kg/ha or 10-11.3 kg of seed /sangam and the recommended variety is J.S.335. Sowing may be done at spacing of 45cm x 30cm. - Treat seeds with Bavistin@2.5g/kg seed or with Captan/ Thiram.
Groundnut	Land preparation to sowing		Seed rate is 100 – 110 kg/ha and the recommended varieties are ICGS-75 & JL-24. Sowing may be done at spacing of 30cm x 15cm. - Treat seeds with Bavistin@2.5g/kg seed or with Captan/ Thiram.
Storage (seed)			- Dry, clean and store the seeds in RC-seed bins after proper drying of seeds and charcoal. Check for moisture content or weight of seeds. After proper drying, store grains/ seeds in well ventilated godowns.
Horticulture Crops			
Cucurbits	Vegetative to flowering and fruiting		 Construct proper staking system to support plant and avoid fruits to touch soil. Rotting of young fruits/ premature ripening of fruits if observed then Methyl Eugenol or Beculure may be used as pheromone trap for fruit fly also insecticides like Cypermethrin may be sprayed.
Colocassia	Planting		 Select upland/ slope area to avoid water stagnation during rainy days. Make it a weed free plot. Apply 25-30t FYM/sangam (@5-6 cartloads) during final land preparation or 10-20 days before transplanting. Incorporate the soil with ¾ of N, full dose of P and K (39kg Urea, 125kg SSP and 40kg MOP) per sangam. Remaining 13 kg Urea should be applied as top dress during earthing-up (shallow hoeing). Use disease free quality planting material. Treat the corm/ cormets



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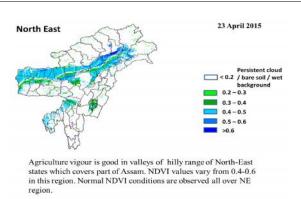


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			with either Carbendazim@ 2g/ kg seed or with Sixer (Carbendazim + Mencozeb) @2g/ kg seed 30-50g seed size may be sown at a spacing of 30-45cm seed to seed and 45-60cm row to row. Depth of the planting should not be more than 8cm.
Bhindi/ French bean	Vegetative		Weeding may be done.Avoid water logging.
Animal Sciences			
Name of the animal	Growth stage	Disease/ infestation	Agro-meteorological advisories
Poultry (Chicken/ Turkey/ Duck)	All age groups		 Culling of birds within 1km will be taken up by the Vety. Department and within 10 km surveillance will be done. Bleaching powder may be spread near farm premises.
Sheep/ Goat	Above 3 months of age (as and when required)	Black Quarter/ Haemorhagic Septicaemia and F.M.D.	Vaccinate against B.Q./ H.S. and FMD using proven vaccine of the diseases mentioned.
Cattle / Buffalo/ Mithun	Above 3 months of age (as and when required)	Skin infections	 Use Butox liq. @ 2ml/ litres of water and brush the animal using the solution at 15 days interval. * For Mithun, give Ivermectin @ 200 mg per kg body weight at the time of salt feeding.
		Black Quarter/ Haemorhagic Septicaemia	Vaccinate against B.Q./ H.S. using proven vaccine of the diseases mentioned.
		F.M.D.	- Vaccinate against F.M.D.

Fisheries

- * New fish ponds may be made or old ones may be renovated/ cleaned before for large scale fish culture.
- * Care must be taken for newly rain fed ponds by liming for stocking fish fries/ fingerlings or yearlings.
- * Intensive care must be taken for fish brooders by keeping them in separate ponds. It must be provided with well balanced feed and good quality water





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MANIPUR BULLETIN 28th April, 2015

Imphal-East

IAAS, ICAR-RC Manipur Centre in association with India Meteorological Department, Regional Meteorological Centre, Guwahati and Northern Hemisphere Analysis Centre, New Delhi, Ministry of Earth Science, Govt. of India reports the weather forecasts for the next five days, i.e., from 29th April to 3rd May, 2015 as below:

Significant past weather for the preceding bi-weekly of
Imphal - West (24 th to 27 th April, 2015)

During last four days sky was partly cloudy to cloudy. **42.2 mm** rainfall was recorded during last four days. Maximum temperature range observed was 21.6-27.7 °C, range of minimum temperature observed was 16.0-17.0 °C, mean relative humidity observed in morning and afternoon were 95.0 % and 76.5 % respectively. The average wind speed range was 0.9-2.1 km/hr.

Weather forecast for next five days of Imphal- East $(29^{th}$ April to 3^{rd} May, 2015)

There may be light to moderate rain upto Sunday. Sky will be partly cloudy to cloudy with maximum temp. of 25.0 - 27.0 °C & minimum temp. 14.0 - 15.0 °C. Relative humidity may reach upto 99 % (max RH) & 56 % (min RH). The average wind speed may be 0-4 km/ hr during next five days. Likely to have thunderstorm accompanied with hail/ squall at isolated places on 29^{th} & 30^{th} April

range was 0.9 – 2.1 km/hr.			isolated places on 29 th & 30 th April.	
Name of the crop	Stage	Pest and disease infestation	Agro-meteorological advisories	
Field Crops				
* Harvest rain water * Construct proper of	Irainage system in and arou	ınd the crop field.		
Pre-kharif Rice	Tillering to panicle initiation stage		 After first top-dressing one or two prophylactic sprays in sunny days may be done with 300-400 ml phosphamidon(40%EC), 300g Carbendazim and 20g Streptocycline diluted in 400-500 litres of water to protect the crop from most of the pest and disease. After 45 days of transplanting (panicle initiation stage), apply 33kg Urea/ ha. 	
Kharif Rice	Land preparation for nursery		- For main kharif season the soil may be opened with tillers or disc ploughs. Seeds may be procured.	
Rabi Maize	Silking to cob formation stage		Drain out excess rain water if accumulated due to rain in crop field.Land ploughing for kharif maize may be started.	
Soybean	Land preparation to sowing		Seed rate is 40-45 kg/ha or 10-11.3 kg of seed /sangam and the recommended variety is J.S.335. Sowing may be done at spacing of 45cm x 30cm. - Treat seeds with Bavistin@2.5g/kg seed or with Captan/ Thiram.	
Groundnut	Land preparation to sowing		Seed rate is 100 – 110 kg/ha and the recommended varieties are ICGS-75 & JL-24. Sowing may be done at spacing of 30cm x 15cm. - Treat seeds with Bavistin@2.5g/kg seed or with Captan/ Thiram.	
Storage (seed)			- Dry, clean and store the seeds in RC-seed bins after proper drying of seeds and charcoal. Check for moisture content or weight of seeds. After proper drying, store grains/ seeds in well ventilated godowns.	
Horticulture Crops			<u> </u>	
Cucurbits	Vegetative to flowering and fruiting		 Construct proper staking system to support plant and avoid fruits to touch soil. Rotting of young fruits/ premature ripening of fruits if observed then Methyl Eugenol or Beculure may be used as pheromone trap for fruit fly also insecticides like Cypermethrin may be sprayed. 	
Colocassia	Planting		 Select upland/ slope area to avoid water stagnation during rainy days. Make it a weed free plot. Apply 25-30t FYM/sangam (@5-6 cartloads) during final land preparation or 10-20 days before transplanting. Incorporate the soil with ¾ of N, full dose of P and K (39kg Urea, 125kg SSP and 40kg MOP) per sangam. Remaining 13 kg Urea should be applied as top dress during earthing-up (shallow hoeing). Use disease free quality planting material. Treat the corm/ cormets 	



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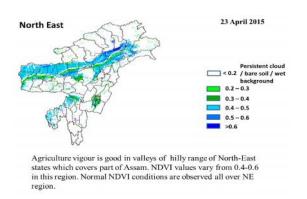


"Gramin Krishi Mausam Seva"

			with either Carbendazim@ 2g/ kg seed or with Sixer (Carbendazim + Mencozeb) @2g/ kg seed. - 30-50g seed size may be sown at a spacing of 30-45cm seed to seed and 45-60cm row to row. Depth of the planting should not be more
DI 11/E 1	**		than 8cm.
Bhindi/ French bean	Vegetative		Weeding may be done.Avoid water logging.
Animal Sciences	1	- -	
Name of the animal	Growth stage	Disease/ infestation	Agro-meteorological advisories
Poultry (Chicken/ Turkey/ Duck)	All age groups		 Culling of birds within 1km will be taken up by the Vety. Department and within 10 km surveillance will be done. Bleaching powder may be spread near farm premises.
Sheep/ Goat	Above 3 months of age (as and when required)	Black Quarter/ Haemorhagic Septicaemia and F.M.D.	Vaccinate against B.Q./ H.S. and FMD using proven vaccine of the diseases mentioned.
Cattle / Buffalo/ Mithun	Above 3 months of age (as and when required)	Skin infections	 Use Butox liq. @ 2ml/ litres of water and brush the animal using the solution at 15 days interval. * For Mithun, give Ivermectin @ 200 mg per kg body weight at the time of salt feeding.
		Black Quarter/ Haemorhagic Septicaemia	Vaccinate against B.Q./ H.S. using proven vaccine of the diseases mentioned.
		F.M.D.	- Vaccinate against F.M.D.

Fisheries

- * New fish ponds may be made or old ones may be renovated/ cleaned before for large scale fish culture.
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"Gramin Krishi Mausam Seva"

MANIPUR BULLETIN 28th April, 2015

Imphal-West

IAAS, ICAR-RC Manipur Centre in association with India Meteorological Department, Regional Meteorological Centre, Guwahati and Northern Hemisphere Analysis Centre, New Delhi, Ministry of Earth Science, Govt. of India reports the weather forecasts for the next five days, i.e., from 29th April to 3rd May, 2015 as below:

Significant past weather for the preceding bi-weekly o	f
Imphal - West (24 th to 27 th April, 2015)	

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Weather forecast for next five days of Imphal- West (29th April to 3rd May, 2015)

There may be light to moderate rain upto Sunday. Sky will be partly cloudy to cloudy with maximum temp. of $25.0-28.0\,^{\circ}\text{C}$ & minimum temp. $13.0-18.0\,^{\circ}\text{C}$. Relative humidity may reach upto 99 % (max RH) & 61 % (min RH). The average wind speed may be 0-3 km/ hr during next five days. Likely to have thunderstorm accompanied with hail/ squall at

range was $0.9 - 2.1$ km/hr.			isolated places on 29 th & 30 th April.	
Name of the crop	Stage	Pest and disease infestation	Agro-meteorological advisories	
Field Crops	-			
* Harvest rain water	Irainage system in and arou	and the eron field		
Pre-kharif Rice	Tillering to panicle initiation stage	mu the crop netu.	- After first top-dressing one or two prophylactic sprays in sunny days may be done with 300-400 ml phosphamidon(40%EC), 300g Carbendazim and 20g Streptocycline diluted in 400-500 litres of water to protect the crop from most of the pest and disease After 45 days of transplanting (panicle initiation stage), apply 33kg Urea/ ha.	
Kharif Rice	Land preparation for nursery		- For main kharif season the soil may be opened with tillers or disc ploughs. Seeds may be procured.	
Rabi Maize	Silking to cob formation stage		 Drain out excess rain water if accumulated due to rain in crop field. Land ploughing for kharif maize may be started. 	
Soybean	Land preparation to sowing		Seed rate is 40-45 kg/ha or 10-11.3 kg of seed /sangam and the recommended variety is J.S.335. Sowing may be done at spacing of 45cm x 30cm. - Treat seeds with Bavistin@2.5g/kg seed or with Captan/ Thiram.	
Groundnut	Land preparation to sowing		Seed rate is 100 – 110 kg/ha and the recommended varieties are ICGS-75 & JL-24. Sowing may be done at spacing of 30cm x 15cm. - Treat seeds with Bavistin@2.5g/kg seed or with Captan/ Thiram.	
Storage (seed)			- Dry, clean and store the seeds in RC-seed bins after proper drying of seeds and charcoal. Check for moisture content or weight of seeds. After proper drying, store grains/ seeds in well ventilated godowns.	
Horticulture Crops				
Cucurbits	Vegetative to flowering and fruiting		 Construct proper staking system to support plant and avoid fruits to touch soil. Rotting of young fruits/ premature ripening of fruits if observed then Methyl Eugenol or Beculure may be used as pheromone trap for fruit fly also insecticides like Cypermethrin may be sprayed. 	
Colocassia	Planting		 Select upland/ slope area to avoid water stagnation during rainy days. Make it a weed free plot. Apply 25-30t FYM/sangam (@5-6 cartloads) during final land preparation or 10-20 days before transplanting. Incorporate the soil with ¾ of N, full dose of P and K (39kg Urea, 125kg SSP and 40kg MOP) per sangam. Remaining 13 kg Urea should be applied as top dress during earthing-up (shallow hoeing). Use disease free quality planting material. Treat the corm/ cormets 	



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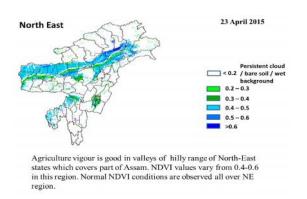


"Gramin Krishi Mausam Seva"

			with either Carbendazim@ 2g/ kg seed or with Sixer (Carbendazim + Mencozeb) @2g/ kg seed. - 30-50g seed size may be sown at a spacing of 30-45cm seed to seed and 45-60cm row to row. Depth of the planting should not be more
DI 11/E 1	**		than 8cm.
Bhindi/ French bean	Vegetative		Weeding may be done.Avoid water logging.
Animal Sciences	1	- -	
Name of the animal	Growth stage	Disease/ infestation	Agro-meteorological advisories
Poultry (Chicken/ Turkey/ Duck)	All age groups		 Culling of birds within 1km will be taken up by the Vety. Department and within 10 km surveillance will be done. Bleaching powder may be spread near farm premises.
Sheep/ Goat	Above 3 months of age (as and when required)	Black Quarter/ Haemorhagic Septicaemia and F.M.D.	Vaccinate against B.Q./ H.S. and FMD using proven vaccine of the diseases mentioned.
Cattle / Buffalo/ Mithun	Above 3 months of age (as and when required)	Skin infections	 Use Butox liq. @ 2ml/ litres of water and brush the animal using the solution at 15 days interval. * For Mithun, give Ivermectin @ 200 mg per kg body weight at the time of salt feeding.
		Black Quarter/ Haemorhagic Septicaemia	Vaccinate against B.Q./ H.S. using proven vaccine of the diseases mentioned.
		F.M.D.	- Vaccinate against F.M.D.

Fisheries

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MANIPUR BULLETIN 28th April, 2015

Senapati

IAAS, ICAR-RC Manipur Centre in association with India Meteorological Department, Regional Meteorological Centre, Guwahati and Northern Hemisphere Analysis Centre, New Delhi, Ministry of Earth Science, Govt. of India reports the weather forecasts for the next five days, i.e., from 29th April to 3rd May, 2015 as below:

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Imphal - West (24 th to 27 th April, 2015)

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Weather forecast for next five days of Senapati (29th April to 3rd May, 2015)

There may be light to moderate rain upto Sunday. Sky will be partly cloudy to cloudy with maximum temp. of 25.0 - 27.0 °C & minimum temp. 11.0 - 15.0 °C. Relative humidity may reach upto 97 % (max RH) & 49 % (min RH). The average wind speed may be 0-4 km/ hr during next five days. Likely to have thunderstorm accompanied with hail/ squall at isolated places on 20^{th} & 20^{th} April

range was 0.9 – 2.1 km/hr.			isolated places on 29 th & 30 th April.
Name of the crop	Stage	Pest and disease infestation	Agro-meteorological advisories
Field Crops			
* Harvest rain water	Irainage system in and arou	and the even field	
Pre-kharif Rice	Tillering to panicle initiation stage	mu the Crop Heiu.	- After first top-dressing one or two prophylactic sprays in sunny days may be done with 300-400 ml phosphamidon(40%EC), 300g Carbendazim and 20g Streptocycline diluted in 400-500 litres of water to protect the crop from most of the pest and disease After 45 days of transplanting (panicle initiation stage), apply 33kg Urea/ ha.
Kharif Rice	Land preparation for nursery		- For main kharif season the soil may be opened with tillers or disc ploughs. Seeds may be procured.
Rabi Maize	Silking to cob formation stage		 Drain out excess rain water if accumulated due to rain in crop field. Land ploughing for kharif maize may be started.
Soybean	Land preparation to sowing		Seed rate is 40-45 kg/ha or 10-11.3 kg of seed /sangam and the recommended variety is J.S.335. Sowing may be done at spacing of 45cm x 30cm. - Treat seeds with Bavistin@2.5g/kg seed or with Captan/ Thiram.
Groundnut	Land preparation to sowing		Seed rate is 100 – 110 kg/ha and the recommended varieties are ICGS-75 & JL-24. Sowing may be done at spacing of 30cm x 15cm. - Treat seeds with Bavistin@2.5g/kg seed or with Captan/ Thiram.
Storage (seed)			- Dry, clean and store the seeds in RC-seed bins after proper drying of seeds and charcoal. Check for moisture content or weight of seeds. After proper drying, store grains/ seeds in well ventilated godowns.
Horticulture Crops			, , , , , , , , , , , , , , , , , , , ,
Cucurbits	Vegetative to flowering and fruiting		 Construct proper staking system to support plant and avoid fruits to touch soil. Rotting of young fruits/ premature ripening of fruits if observed then Methyl Eugenol or Beculure may be used as pheromone trap for fruit fly also insecticides like Cypermethrin may be sprayed.
Colocassia	Planting		 Select upland/ slope area to avoid water stagnation during rainy days. Make it a weed free plot. Apply 25-30t FYM/sangam (@5-6 cartloads) during final land preparation or 10-20 days before transplanting. Incorporate the soil with ¾ of N, full dose of P and K (39kg Urea, 125kg SSP and 40kg MOP) per sangam. Remaining 13 kg Urea should be applied as top dress during earthing-up (shallow hoeing). Use disease free quality planting material. Treat the corm/ cormets



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

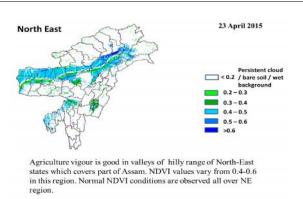


"Gramin Krishi Mausam Seva"

Bhindi/ French	Vegetative		with either Carbendazim@ 2g/ kg seed or with Sixer (Carbendazim + Mencozeb) @2g/ kg seed. - 30-50g seed size may be sown at a spacing of 30-45cm seed to seed and 45-60cm row to row. Depth of the planting should not be more than 8cm. - Weeding may be done.
bean	vegetative		- Avoid water logging.
Animal Sciences			1 11/10/20 ***********************************
Name of the animal	Growth stage	Disease/ infestation	Agro-meteorological advisories
Poultry (Chicken/ Turkey/ Duck)	All age groups		 Culling of birds within 1km will be taken up by the Vety. Department and within 10 km surveillance will be done. Bleaching powder may be spread near farm premises.
Sheep/ Goat	Above 3 months of age (as and when required)	Black Quarter/ Haemorhagic Septicaemia and F.M.D.	Vaccinate against B.Q./ H.S. and FMD using proven vaccine of the diseases mentioned.
Cattle / Buffalo/ Mithun	Above 3 months of age (as and when required)	Skin infections	 - Use Butox liq. @ 2ml/ litres of water and brush the animal using the solution at 15 days interval. * For Mithun, give Ivermectin @ 200 mg per kg body weight at the time of salt feeding.
		Black Quarter/ Haemorhagic Septicaemia	Vaccinate against B.Q./ H.S. using proven vaccine of the diseases mentioned.
		F.M.D.	- Vaccinate against F.M.D.

Fisheries

- * New fish ponds may be made or old ones may be renovated/ cleaned before for large scale fish culture.
- * Care must be taken for newly rain fed ponds by liming for stocking fish fries/ fingerlings or yearlings.
- * Intensive care must be taken for fish brooders by keeping them in separate ponds. It must be provided with well balanced feed and good quality water





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



"Gramin Krishi Mausam Seva"

MANIPUR BULLETIN 28th April, 2015

Tamenglong

IAAS, ICAR-RC Manipur Centre in association with India Meteorological Department, Regional Meteorological Centre, Guwahati and Northern Hemisphere Analysis Centre, New Delhi, Ministry of Earth Science, Govt. of India reports the weather forecasts for the next five days, i.e., from 29th April to 3rd May, 2015 as below:

Significant past weather for the preceding bi-weekly of
Imphal - West (24 th to 27 th April, 2015)

During last four days sky was partly cloudy to cloudy. **42.2 mm** rainfall was recorded during last four days. Maximum temperature range observed was 21.6-27.7 °C, range of minimum temperature observed was 16.0-17.0 °C, mean relative humidity observed in morning and afternoon were 95.0 % and 76.5 % respectively. The average wind speed range was 0.9-2.1 km/hr.

Weather forecast for next five days of Tamenglong (29th April to 3rd May, 2015)

There may be light to moderate rain upto Sunday. Sky will be partly cloudy to cloudy with maximum temp. of $25.0-27.0\,^{\circ}\text{C}$ & minimum temp. $12.0-16.0\,^{\circ}\text{C}$. Relative humidity may reach upto 99 % (max RH) & 68 % (min RH). The average wind speed may be 2-3 km/hr during next five days. Likely to have thunderstorm accompanied with hail/squall at

Name of the crop	Stage	Pest and disease infestation	Agro-meteorological advisories
Field Crops			
* Harvest rain water			
* Construct proper d	rainage system in and arou	ınd the crop field.	
Pre-kharif Rice	Tillering to panicle initiation stage		 After first top-dressing one or two prophylactic sprays in sunny days may be done with 300-400 ml phosphamidon(40%EC), 300g Carbendazim and 20g Streptocycline diluted in 400-500 litres of water to protect the crop from most of the pest and disease. After 45 days of transplanting (panicle initiation stage), apply 33kg Urea/ ha.
Kharif Rice	Land preparation for nursery		- For main kharif season the soil may be opened with tillers or disc ploughs. Seeds may be procured.
Rabi Maize	Silking to cob formation stage		Drain out excess rain water if accumulated due to rain in crop field.Land ploughing for kharif maize may be started.
Soybean	Land preparation to sowing		Seed rate is 40-45 kg/ha or 10-11.3 kg of seed /sangam and the recommended variety is J.S.335. Sowing may be done at spacing of 45cm x 30cm. - Treat seeds with Bavistin@2.5g/kg seed or with Captan/ Thiram.
Groundnut	Land preparation to sowing		Seed rate is 100 – 110 kg/ha and the recommended varieties are ICGS-75 & JL-24. Sowing may be done at spacing of 30cm x 15cm. - Treat seeds with Bavistin@2.5g/kg seed or with Captan/ Thiram.
Storage (seed)			- Dry, clean and store the seeds in RC-seed bins after proper drying of seeds and charcoal. Check for moisture content or weight of seeds After proper drying, store grains/ seeds in well ventilated godowns.
Horticulture Crops			
Cucurbits	Vegetative to flowering and fruiting		 Construct proper staking system to support plant and avoid fruits to touch soil. Rotting of young fruits/ premature ripening of fruits if observed then Methyl Eugenol or Beculure may be used as pheromone trap for fruit fly also insecticides like Cypermethrin may be sprayed.
Colocassia	Planting		 Select upland/ slope area to avoid water stagnation during rainy days. Make it a weed free plot. Apply 25-30t FYM/sangam (@5-6 cartloads) during final land preparation or 10-20 days before transplanting. Incorporate the soi with ¾ of N, full dose of P and K (39kg Urea, 125kg SSP and 40kg MOP) per sangam. Remaining 13 kg Urea should be applied as top

dress during earthing-up (shallow hoeing).

- Use disease free quality planting material. Treat the corm/ cormets



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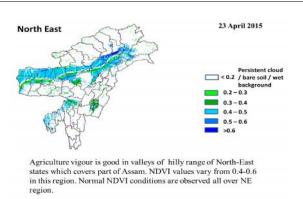


"Gramin Krishi Mausam Seva"

		with either Carbendazim@ 2g/ kg seed or with Sixer (Carbendazim + Mencozeb) @2g/ kg seed 30-50g seed size may be sown at a spacing of 30-45cm seed to seed and 45-60cm row to row. Depth of the planting should not be more than 8cm.
Vegetative		- Weeding may be done Avoid water logging.
Growth stage	Disease/ infestation	Agro-meteorological advisories
All age groups		 Culling of birds within 1km will be taken up by the Vety. Department and within 10 km surveillance will be done. Bleaching powder may be spread near farm premises.
Above 3 months of age (as and when required)	Black Quarter/ Haemorhagic Septicaemia and F.M.D.	Vaccinate against B.Q./ H.S. and FMD using proven vaccine of the diseases mentioned.
Above 3 months of age (as and when required)	Skin infections	- Use Butox liq. @ 2ml/ litres of water and brush the animal using the solution at 15 days interval. * For Mithun, give Ivermectin @ 200 mg per kg body weight at the time of salt feeding.
	Black Quarter/ Haemorhagic Septicaemia F.M.D.	Vaccinate against B.Q./ H.S. using proven vaccine of the diseases mentioned. - Vaccinate against F.M.D.
	Above 3 months of age (as and when required) Above 3 months of age (as and when age (as an	Above 3 months of age (as and when required) Above 3 months of age (as and when required) Black Quarter/ Haemorhagic Septicaemia and F.M.D. Skin infections Black Quarter/ Haemorhagic Septicaemia

Fisheries

- * New fish ponds may be made or old ones may be renovated/ cleaned before for large scale fish culture.
- * Care must be taken for newly rain fed ponds by liming for stocking fish fries/ fingerlings or yearlings.
- * Intensive care must be taken for fish brooders by keeping them in separate ponds. It must be provided with well balanced feed and good quality water





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



"Gramin Krishi Mausam Seva"

MANIPUR BULLETIN 28th April, 2015

Thoubal

IAAS, ICAR-RC Manipur Centre in association with India Meteorological Department, Regional Meteorological Centre, Guwahati and Northern Hemisphere Analysis Centre, New Delhi, Ministry of Earth Science, Govt. of India reports the weather forecasts for the next five days, i.e., from 29th April to 3rd May, 2015 as below:

Significant past weather for the preceding bi-weekly of
Imphal - West (24 th to 27 th April, 2015)

During last four days sky was partly cloudy to cloudy. **42.2 mm** rainfall was recorded during last four days. Maximum temperature range observed was 21.6-27.7 °C, range of minimum temperature observed was 16.0-17.0 °C, mean relative humidity observed in morning and afternoon were 95.0 % and 76.5 % respectively. The average wind speed range was 0.9-2.1 km/hr.

Weather forecast for next five days of Thoubal $(29^{th}\ April\ to\ 3^{rd}\ May,\ 2015)$

There may be light to moderate rain upto Sunday. Sky will be partly cloudy to cloudy with maximum temp. of $25.0-28.0\,^{\circ}\mathrm{C}$ & minimum temp. $14.0-16.0\,^{\circ}\mathrm{C}$. Relative humidity may reach upto 97 % (max RH) & 66 % (min RH). The average wind speed may be 2-4 km/ hr during next five days. Likely to have thunderstorm accompanied with hail/ squall at

isolated places on 29th & 30th April. Name of the crop Pest and disease Agro-meteorological advisories Stage infestation Field Crops * Harvest rain water. * Construct proper drainage system in and around the crop field. - After first top-dressing one or two prophylactic sprays in sunny **Pre-kharif Rice** Tillering to panicle days may be done with 300-400 ml phosphamidon(40%EC), 300g initiation stage Carbendazim and 20g Streptocycline diluted in 400-500 litres of water to protect the crop from most of the pest and disease. - After 45 days of transplanting (panicle initiation stage), apply 33kg Urea/ ha. **Kharif Rice** Land preparation for - For main kharif season the soil may be opened with tillers or disc ploughs. Seeds may be procured. nursery - Drain out excess rain water if accumulated due to rain in crop field. Rabi Maize Silking to cob - Land ploughing for kharif maize may be started. formation stage Soybean Land preparation to Seed rate is 40-45 kg/ha or 10-11.3 kg of seed /sangam and the sowing recommended variety is J.S.335. Sowing may be done at spacing of 45cm x 30cm. - Treat seeds with Bavistin@2.5g/kg seed or with Captan/ Thiram. Seed rate is 100 - 110 kg/ha and the recommended varieties are Groundnut Land preparation to sowing ICGS-75 & JL-24. Sowing may be done at spacing of 30cm x 15cm. - Treat seeds with Bavistin@2.5g/kg seed or with Captan/ Thiram. - Dry, clean and store the seeds in RC-seed bins after proper drying Storage (seed) of seeds and charcoal. Check for moisture content or weight of seeds. After proper drying, store grains/ seeds in well ventilated godowns. Horticulture Crops Vegetative to - Construct proper staking system to support plant and avoid fruits to **Cucurbits** flowering and touch soil. - Rotting of young fruits/ premature ripening of fruits if observed fruiting then Methyl Eugenol or Beculure may be used as pheromone trap for fruit fly also insecticides like Cypermethrin may be sprayed. Colocassia Planting - Select upland/ slope area to avoid water stagnation during rainy days. Make it a weed free plot. - Apply 25-30t FYM/sangam (@5-6 cartloads) during final land preparation or 10-20 days before transplanting. Incorporate the soil with ¾ of N, full dose of P and K (39kg Urea, 125kg SSP and 40kg MOP) per sangam. Remaining 13 kg Urea should be applied as top

dress during earthing-up (shallow hoeing).

- Use disease free quality planting material. Treat the corm/ cormets



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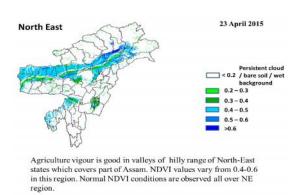


"Gramin Krishi Mausam Seva"

			with either Carbendazim@ 2g/ kg seed or with Sixer (Carbendazim
			+ Mencozeb) @2g/ kg seed.
			- 30-50g seed size may be sown at a spacing of 30-45cm seed to seed
			and 45-60cm row to row. Depth of the planting should not be more
			than 8cm.
Bhindi/French	Vegetative		- Weeding may be done.
bean			- Avoid water logging.
Animal Sciences			
Name of the animal	Growth stage	Disease/ infestation	Agro-meteorological advisories
Poultry (Chicken/	All age groups		- Culling of birds within 1km will be taken up by the Vety.
Turkey/ Duck)			Department and within 10 km surveillance will be done.
			- Bleaching powder may be spread near farm premises.
Sheep/ Goat	Above 3 months of	Black Quarter/	
-	age (as and when	Haemorhagic	Vaccinate against B.Q./ H.S. and FMD using proven vaccine of the
	required)	Septicaemia and	diseases mentioned.
		F.M.D.	
Cattle / Buffalo/	Above 3 months of	Skin infections	- Use Butox liq. @ 2ml/ litres of water and brush the animal using the
Mithun	age (as and when		solution at 15 days interval.
	required)		* For Mithun, give Ivermectin @ 200 mg per kg body weight at the
			time of salt feeding.
		Black Quarter/	Vaccinate against B.Q./ H.S. using proven vaccine of the diseases
		Haemorhagic	mentioned.
		Septicaemia	
		F.M.D.	- Vaccinate against F.M.D.
Ficharias			

Fisheries

- * New fish ponds may be made or old ones may be renovated/ cleaned before for large scale fish culture.
- * Care must be taken for newly rain fed ponds by liming for stocking fish fries/ fingerlings or yearlings.
- * Intensive care must be taken for fish brooders by keeping them in separate ponds. It must be provided with well balanced feed and good quality water





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



"Gramin Krishi Mausam Seva"

MANIPUR BULLETIN 28th April, 2015

Ukhrul

IAAS, ICAR-RC Manipur Centre in association with India Meteorological Department, Regional Meteorological Centre, Guwahati and Northern Hemisphere Analysis Centre, New Delhi, Ministry of Earth Science, Govt. of India reports the weather forecasts for the next five days, i.e., from 29th April to 3rd May, 2015 as below:

Significant past weather for the preceding bi-weekly of Imphal - West $(24^{th}\ to\ 27^{th}\ April,\ 2015)$

During last four days sky was partly cloudy to cloudy. **42.2 mm** rainfall was recorded during last four days. Maximum temperature range observed was 21.6-27.7 °C, range of minimum temperature observed was 16.0-17.0 °C, mean relative humidity observed in morning and afternoon were 95.0 % and 76.5 % respectively. The average wind speed range was 0.9-2.1 km/hr.

Weather forecast for next five days of Ukhrul (29th April to 3rd May, 2015)

There may be light to moderate rain upto Sunday. Sky will be partly cloudy to cloudy with maximum temp. of 24.0 - 27.0 °C & minimum temp. 11.0 - 14.0 °C. Relative humidity may reach upto 92 % (max RH) & 50 % (min RH). The average wind speed may be 3-4 km/ hr during next five days. Likely to have thunderstorm accompanied with hail/ squall at isolated places on 20^{th} & 30^{th} April

range was $0.9 - 2.1$ km/hr.			isolated places on 29 th & 30 th April.	
Name of the crop	Stage	Pest and disease infestation	Agro-meteorological advisories	
Field Crops	-			
* Harvest rain water * Construct proper of	Irainage system in and arou	and the crop field.		
Pre-kharif Rice	Tillering to panicle initiation stage		 After first top-dressing one or two prophylactic sprays in sunny days may be done with 300-400 ml phosphamidon(40%EC), 300g Carbendazim and 20g Streptocycline diluted in 400-500 litres of water to protect the crop from most of the pest and disease. After 45 days of transplanting (panicle initiation stage), apply 33kg Urea/ ha. 	
Kharif Rice	Land preparation for nursery		- For main kharif season the soil may be opened with tillers or disc ploughs. Seeds may be procured.	
Rabi Maize	Silking to cob formation stage		- Drain out excess rain water if accumulated due to rain in crop field Land ploughing for kharif maize may be started.	
Soybean	Land preparation to sowing		Seed rate is 40-45 kg/ha or 10-11.3 kg of seed /sangam and the recommended variety is J.S.335. Sowing may be done at spacing of 45cm x 30cm. - Treat seeds with Bavistin@2.5g/kg seed or with Captan/ Thiram.	
Groundnut	Land preparation to sowing		Seed rate is 100 – 110 kg/ha and the recommended varieties are ICGS-75 & JL-24. Sowing may be done at spacing of 30cm x 15cm. - Treat seeds with Bavistin@2.5g/kg seed or with Captan/ Thiram.	
Storage (seed)			- Dry, clean and store the seeds in RC-seed bins after proper drying of seeds and charcoal. Check for moisture content or weight of seeds. After proper drying, store grains/ seeds in well ventilated godowns.	
Horticulture Crops	<u>, </u>			
Cucurbits	Vegetative to flowering and fruiting		 Construct proper staking system to support plant and avoid fruits to touch soil. Rotting of young fruits/ premature ripening of fruits if observed then Methyl Eugenol or Beculure may be used as pheromone trap for fruit fly also insecticides like Cypermethrin may be sprayed. 	
Colocassia	Planting		 Select upland/ slope area to avoid water stagnation during rainy days. Make it a weed free plot. Apply 25-30t FYM/sangam (@5-6 cartloads) during final land preparation or 10-20 days before transplanting. Incorporate the soil with ¾ of N, full dose of P and K (39kg Urea, 125kg SSP and 40kg MOP) per sangam. Remaining 13 kg Urea should be applied as top dress during earthing-up (shallow hoeing). Use disease free quality planting material. Treat the corm/ cormets 	



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

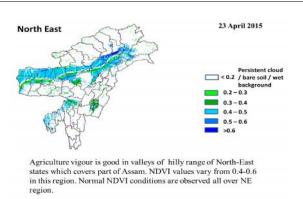


"Gramin Krishi Mausam Seva"

		with either Carbendazim@ 2g/ kg seed or with Sixer (Carbendazim + Mencozeb) @2g/ kg seed. - 30-50g seed size may be sown at a spacing of 30-45cm seed to seed and 45-60cm row to row. Depth of the planting should not be more
Vegetative		than 8cm. - Weeding may be done. - Avoid water logging.
	D: (1.0) (1	
Growth stage	Disease/ infestation	Agro-meteorological advisories
All age groups		 Culling of birds within 1km will be taken up by the Vety. Department and within 10 km surveillance will be done. Bleaching powder may be spread near farm premises.
Above 3 months of age (as and when required)	Black Quarter/ Haemorhagic Septicaemia and F.M.D.	Vaccinate against B.Q./ H.S. and FMD using proven vaccine of the diseases mentioned.
Above 3 months of age (as and when required)	Skin infections	- Use Butox liq. @ 2ml/ litres of water and brush the animal using the solution at 15 days interval. * For Mithun, give Ivermectin @ 200 mg per kg body weight at the time of salt feeding.
	Black Quarter/ Haemorhagic Septicaemia F.M.D.	Vaccinate against B.Q./ H.S. using proven vaccine of the diseases mentioned. - Vaccinate against F.M.D.
	Above 3 months of age (as and when required) Above 3 months of age (as and when age (as an	Above 3 months of age (as and when required) Above 3 months of age (as and when required) Black Quarter/ Haemorhagic Septicaemia and F.M.D. Skin infections Black Quarter/ Haemorhagic

Fisheries

- * New fish ponds may be made or old ones may be renovated/ cleaned before for large scale fish culture.
- * Care must be taken for newly rain fed ponds by liming for stocking fish fries/ fingerlings or yearlings.
- * Intensive care must be taken for fish brooders by keeping them in separate ponds. It must be provided with well balanced feed and good quality water





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



"Gramin Krishi Mausam Seva"

MANIPUR BULLETIN 28th April, 2015

Bishnupur

IAAS, ICAR-RC Manipur Centre in association with India Meteorological Department, Regional Meteorological Centre, Guwahati and Northern Hemisphere Analysis Centre, New Delhi, Ministry of Earth Science, Govt. of India reports the weather forecasts for the next five days, i.e., from 29th April to 3rd May, 2015 as below:

Significant past weather for the preceding bi-weekly of
Imphal - West (24 th to 27 th April, 2015)

During last four days sky was partly cloudy to cloudy. **42.2 mm** rainfall was recorded during last four days. Maximum temperature range observed was 21.6-27.7 °C, range of minimum temperature observed was 16.0-17.0 °C, mean relative humidity observed in morning and afternoon were 95.0 % and 76.5 % respectively. The average wind speed range was 0.9-2.1 km/hr.

Weather forecast for next five days of Bishnupur (29th April to 3rd May, 2015)

There may be light to moderate rain upto Sunday. Sky will be partly cloudy to cloudy with maximum temp. of 25.0 - 28.0 °C & minimum temp. 14.0 - 17.0 °C. Relative humidity may reach upto 98 % (max RH) & 69 % (min RH). The average wind speed may be 2-4 km/hr during next five days. Likely to have thunderstorm accompanied with hail/ squall at

range was 0.9 – 2.1 km/hr.			isolated places on 29 th & 30 th April.
Name of the crop	Stage	Pest and disease infestation	Agro-meteorological advisories
Field Crops			
* Harvest rain water		d 4b a anon 6 ald	
Pre-kharif Rice	Tillering to panicle initiation stage	ma the crop neta.	- After first top-dressing one or two prophylactic sprays in sunny days may be done with 300-400 ml phosphamidon(40%EC), 300g Carbendazim and 20g Streptocycline diluted in 400-500 litres of water to protect the crop from most of the pest and disease After 45 days of transplanting (panicle initiation stage), apply 33kg Urea/ ha.
Kharif Rice	Land preparation for nursery		- For main kharif season the soil may be opened with tillers or disc ploughs. Seeds may be procured.
Rabi Maize	Silking to cob formation stage		 Drain out excess rain water if accumulated due to rain in crop field. Land ploughing for kharif maize may be started.
Soybean	Land preparation to sowing		Seed rate is 40-45 kg/ha or 10-11.3 kg of seed /sangam and the recommended variety is J.S.335. Sowing may be done at spacing of 45cm x 30cm. - Treat seeds with Bavistin@2.5g/kg seed or with Captan/ Thiram.
Groundnut	Land preparation to sowing		Seed rate is 100 – 110 kg/ha and the recommended varieties are ICGS-75 & JL-24. Sowing may be done at spacing of 30cm x 15cm. - Treat seeds with Bavistin@2.5g/kg seed or with Captan/ Thiram.
Storage (seed)			- Dry, clean and store the seeds in RC-seed bins after proper drying of seeds and charcoal. Check for moisture content or weight of seeds. After proper drying, store grains/ seeds in well ventilated godowns.
Horticulture Crops			, , , , , , , , , , , , , , , , , , , ,
Cucurbits	Vegetative to flowering and fruiting		 Construct proper staking system to support plant and avoid fruits to touch soil. Rotting of young fruits/ premature ripening of fruits if observed then Methyl Eugenol or Beculure may be used as pheromone trap for fruit fly also insecticides like Cypermethrin may be sprayed.
Colocassia	Planting		 Select upland/ slope area to avoid water stagnation during rainy days. Make it a weed free plot. Apply 25-30t FYM/sangam (@5-6 cartloads) during final land preparation or 10-20 days before transplanting. Incorporate the soil with ¾ of N, full dose of P and K (39kg Urea, 125kg SSP and 40kg MOP) per sangam. Remaining 13 kg Urea should be applied as top dress during earthing-up (shallow hoeing). Use disease free quality planting material. Treat the corm/ cormets



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



"Gramin Krishi Mausam Seva"

			with either Carbendazim@ 2g/ kg seed or with Sixer (Carbendazim
			+ Mencozeb) @2g/ kg seed.
			- 30-50g seed size may be sown at a spacing of 30-45cm seed to seed
			and 45-60cm row to row. Depth of the planting should not be more
			than 8cm.
Bhindi/ French	Vegetative		- Weeding may be done.
bean			- Avoid water logging.
Animal Sciences			
Name of the animal	Growth stage	Disease/ infestation	Agro-meteorological advisories
Poultry (Chicken/	All age groups		- Culling of birds within 1km will be taken up by the Vety.
Turkey/ Duck)			Department and within 10 km surveillance will be done.
•			- Bleaching powder may be spread near farm premises.
Sheep/ Goat	Above 3 months of	Black Quarter/	
	age (as and when required)	Haemorhagic	Vaccinate against B.Q./ H.S. and FMD using proven vaccine of the
		Septicaemia and	diseases mentioned.
		F.M.D.	
Cattle / Buffalo/	Above 3 months of	Skin infections	- Use Butox liq. @ 2ml/ litres of water and brush the animal using the
Mithun	age (as and when		solution at 15 days interval.
	required)		* For Mithun, give Ivermectin @ 200 mg per kg body weight at the
			time of salt feeding.
		Black Quarter/	Vaccinate against B.Q./ H.S. using proven vaccine of the diseases
		Haemorhagic	mentioned.
		Septicaemia	
		F.M.D.	- Vaccinate against F.M.D.
T. 1			

Fisheries

- * New fish ponds may be made or old ones may be renovated/ cleaned before for large scale fish culture.
- * Care must be taken for newly rain fed ponds by liming for stocking fish fries/ fingerlings or yearlings.
- * Intensive care must be taken for fish brooders by keeping them in separate ponds. It must be provided with well balanced feed and good quality water

