



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



“Integrated Agromet Advisory Services”

MANIPUR BULLETIN

2nd May, 2014

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 3rd to 7th May, 14 as given below:

<p><u>Significant past weather for the preceding bi-weekly of Imphal - West (29th April to 1st May, 2014)</u></p> <p>The sky was mainly clear but mainly cloudy to cloudy during morning hours of 29th and afternoon hours of 1st May. No rainfall was recorded during past three days. Maximum temperature range observed was 28.5 – 31.5 °C, range of minimum temperature observed was 16.7 – 20.0 °C, mean relative humidity observed in morning and afternoon were 80.0 % and 47.3 % respectively. The average wind speed range was 5.0 – 6.1 km/hr.</p>	<p><u>Weather forecast for next five days of Bishnupur (3rd to 7th May, 2014)</u></p> <p>It is likely to have light to moderate rains at scattered places upto Wednesday. Sky may be mainly cloudy to cloudy with maximum temp. of 29.0 – 31.0 °C & minimum temp. 17.0 - 19.0 °C. Relative Humidity may reach a maximum of 95 % (maximum RH) & 50 % (minimum RH). The average wind speed may be 2-5 km/hr during next five days.</p>
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Main Weather Observations

Convective clouds are seen over some parts of northeastern States.

Weather Warning during next 3 days *

Moderate thundersquall would occur at isolated places over Manipur during 2nd to 4th May.

Weather Outlook for subsequent 4 days from 5th to 9th May 2014

Rain/thundershowers would occur at many places over northeastern states.

Name of the crop	Stage	Pest and disease infestation	Agro-meteorological advisories
Field Crops			
Early kharif rice	Tillering		- After weeding, , apply 24.25kg Urea at 25 to 30 days after transplanting, after complete removal of water.
Maize	For Rabi Maize: Cob formation	Cob borer	- Irrigate the crop field if required. - Drenching of Carbofuran 3G @ 20 kg/ ha near soil line.
	For Kharif Maize: Sowing		Land preparation for cultivation of maize may be started. Apply 60kg of urea, 65kg of DAP and 30 kg of MOP as a basal application during final ploughing or at the time of sowing. For high altitude sowing spacing may be 50cm x 25cm while for low altitude it may be 60cm x 30cm.
Soybean/ Groundnut/ Blackgram	Land preparation		- Apply 10 – 15 t/ha or 2.5 – 3 t/ sangam of FYM or compost by mixing thoroughly in the soil 1 - 2 weeks before sowing as basal application during final ploughing. Liming may be done @ 1t/ha or 250 kg/ sangam for soybean and @ 500 kg/ha or 125 kg/ sangam for groundnut nearly a month before sowing.
Storage			- Clean and store the seeds in RC-seed bins after proper drying. Check for germination of seeds or fungal growth. After proper drying, store grains/ seeds in well ventilated godowns. - Rodent management should be done in and around godowns. - During summer, maintain optimum conditions for potato storage in godowns and also during transportation. Do not pile bags too high.
Horticulture Crops			
Cowpea/ French bean/ Okra	Sowing		- After harvesting of onion, sow cowpea/ french bean/ okra to utilize residual moisture for germination of seed and reduce cost of cultivation. - Sowing may be done at earliest possible.
Tomato	Flowering and fruiting to harvest		- Harvest mature fruits. Retain mature and healthy fruits for seeds.
		Mite	- To prevent small sucking insects in the lower surface of leaves, use Ethion 0.05% or Neem oil @2-3 ml / lit of water.



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“Integrated Agromet Advisory Services”

Water Melon	Flowering to fruiting		Chances of cracking of fruit are high with rains after a dry spell (with high temperature). To avoid cracking cover the fruit with leaves/ dry twigs.
			- Construct proper staking structures for proper growth.
		Mite	- To prevent small sucking insects in the lower surface of leaves, use Ethion 0.05% or Neem oil @2-3 ml / lit of water.
Mandarin/ Lemon	For grown up trees		- In mandarin apply 500g Urea, 1kg SSP & 400g MOP per plant along with 30 kg cowdung manure compost. - In lemon apply 350g Urea, 400g SSP & 300g MOP along with 30 kg cowdung manure compost per plant.
Turmeric	Sowing of turmeric		- Before planting treat seed rhizome with Sixer @ 2g/ kg seed or Trichoderma harzianum @ 10g/ kg seed or Carbendazim @ 2g/ kg seed. Maintain spacing at 25cm X 40-45cm.
Animal Sciences			
* Measures against mosquitoes breeding may be taken up. Also, use net to avoid entry of mosquitoes in the shed.			
Name of the animal	Growth stage	Disease/ infestation	Agro-meteorological advisories
Poultry	All susceptible age groups (as and when required)	Endoparasites	- Deworm using Levamisole Hydrochloride. - Potash granules may be added in the drinking water of poultry.
Sheep/ Goat	Above 3 months of age (as and when required)	Deworming	- Minthal bolus @ ½ bolus for 20 kg body weight orally.
		B.Q.	- Vaccinate against B.Q.
		Endoparasites	- Deworm orally using Albend either in tablet or in liquid form.
Pig	Above 3 months of age (as and when required)	Swine Fever	- SFV (Swine Fever vaccine) @1ml sub- cutaneously inside thigh must be administered after the age of 3 months.
		FMD	- Vaccinate against FMD after the age of 3 months.
		Ectoparasites	- Add Butox @ 2ml in 1 lit of water and brush the animal using the solution, twice a week.
		Endoparasite	- Administer Albend liq. @ 15 ml orally once and repeat after 7 days.
Cattle / Buffalo/ Mithun	Above 3 months of age (as and when required)	Endoparasites	- Deworm orally once using Nilzan-F @ 90ml/ 300 kg body weight.
		Skin infection	- Add Butox @ 2ml in 1 lit of water and brush the animal using the solution, twice a week.

(I. Meghachandra Singh)
Scientist i/c, GKMS



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MANIPUR BULLETIN

2nd May, 2014

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 3rd to 7th May, 14 as given below:

<p><u>Significant past weather for the preceding bi-weekly of Imphal - West (29th April to 1st May, 2014)</u></p> <p>The sky was mainly clear but mainly cloudy to cloudy during morning hours of 29th and afternoon hours of 1st May. No rainfall was recorded during past three days. Maximum temperature range observed was 28.5 – 31.5 °C, range of minimum temperature observed was 16.7 – 20.0 °C, mean relative humidity observed in morning and afternoon were 80.0 % and 47.3 % respectively. The average wind speed range was 5.0 – 6.1 km/hr.</p>	<p><u>Weather forecast for next five days of Chandel (3rd to 7th May, 2014)</u></p> <p>It is likely to have light to moderate rains at scattered places upto Wednesday. Sky may be mainly cloudy to cloudy with maximum temp. of 29.0 – 32.0 °C & minimum temp. 17.0 - 20.0 °C. Relative Humidity may reach a maximum of 94 % (maximum RH) & 51 % (minimum RH). The average wind speed may be 4-7 km/hr during next five days.</p>
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Main Weather Observations

Convective clouds are seen over some parts of northeastern States.

Weather Warning during next 3 days *

Moderate thundersquall would occur at isolated places over Manipur during 2nd to 4th May.

Weather Outlook for subsequent 4 days from 5th to 9th May 2014

Rain/thundershowers would occur at many places over northeastern states.

Name of the crop	Stage	Pest and disease infestation	Agro-meteorological advisories
Field Crops			
Early kharif rice	Tillering		- After weeding, , apply 24.25kg Urea at 25 to 30 days after transplanting, after complete removal of water.
Maize	For Rabi Maize: Cob formation	Cob borer	- Irrigate the crop field if required. - Drenching of Carbofuran 3G @ 20 kg/ ha near soil line.
	For Kharif Maize: Sowing		Land preparation for cultivation of maize may be started. Apply 60kg of urea, 65kg of DAP and 30 kg of MOP as a basal application during final ploughing or at the time of sowing. For high altitude sowing spacing may be 50cm x 25cm while for low altitude it may be 60cm x 30cm.
Soybean/ Groundnut/ Blackgram	Land preparation		- Apply 10 – 15 t/ha or 2.5 – 3 t/ sangam of FYM or compost by mixing thoroughly in the soil 1 - 2 weeks before sowing as basal application during final ploughing. Liming may be done @ 1t/ha or 250 kg/ sangam for soybean and @ 500 kg/ha or 125 kg/ sangam for groundnut nearly a month before sowing.
Storage			- Clean and store the seeds in RC-seed bins after proper drying. Check for germination of seeds or fungal growth. After proper drying, store grains/ seeds in well ventilated godowns. - Rodent management should be done in and around godowns. - During summer, maintain optimum conditions for potato storage in godowns and also during transportation. Do not pile bags too high.
Horticulture Crops			
Cowpea/ French bean/ Okra	Sowing		- After harvesting of onion, sow cowpea/ french bean/ okra to utilize residual moisture for germination of seed and reduce cost of cultivation. - Sowing may be done at earliest possible.
Tomato	Flowering and fruiting to harvest		- Harvest mature fruits. Retain mature and healthy fruits for seeds.
		Mite	- To prevent small sucking insects in the lower surface of leaves, use Ethion 0.05% or Neem oil @2-3 ml / lit of water.



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Water Melon	Flowering to fruiting		Chances of cracking of fruit are high with rains after a dry spell (with high temperature). To avoid cracking cover the fruit with leaves/ dry twigs.
			- Construct proper staking structures for proper growth.
		Mite	- To prevent small sucking insects in the lower surface of leaves, use Ethion 0.05% or Neem oil @2-3 ml / lit of water.
Mandarin/ Lemon	For grown up trees		- In mandarin apply 500g Urea, 1kg SSP & 400g MOP per plant along with 30 kg cowdung manure compost. - In lemon apply 350g Urea, 400g SSP & 300g MOP along with 30 kg cowdung manure compost per plant.
Turmeric	Sowing of turmeric		- Before planting treat seed rhizome with Sixer @ 2g/ kg seed or Trichoderma harzianum @ 10g/ kg seed or Carbendazim @ 2g/ kg seed. Maintain spacing at 25cm X 40-45cm.
Animal Sciences			
* Measures against mosquitoes breeding may be taken up. Also, use net to avoid entry of mosquitoes in the shed.			
Name of the animal	Growth stage	Disease/ infestation	Agro-meteorological advisories
Poultry	All susceptible age groups (as and when required)	Endoparasites	- Deworm using Levamisole Hydrochloride. - Potash granules may be added in the drinking water of poultry.
Sheep/ Goat	Above 3 months of age (as and when required)	Deworming	- Minthal bolus @ ½ bolus for 20 kg body weight orally.
		B.Q.	- Vaccinate against B.Q.
		Endoparasites	- Deworm orally using Albend either in tablet or in liquid form.
Pig	Above 3 months of age (as and when required)	Swine Fever	- SFV (Swine Fever vaccine) @1ml sub- cutaneously inside thigh must be administered after the age of 3 months.
		FMD	- Vaccinate against FMD after the age of 3 months.
		Ectoparasites	- Add Butox @ 2ml in 1 lit of water and brush the animal using the solution, twice a week.
		Endoparasite	- Administer Albend liq. @ 15 ml orally once and repeat after 7 days.
Cattle / Buffalo/ Mithun	Above 3 months of age (as and when required)	Endoparasites	- Deworm orally once using Nilzan-F @ 90ml/ 300 kg body weight.
		Skin infection	- Add Butox @ 2ml in 1 lit of water and brush the animal using the solution, twice a week.

(I. Meghachandra Singh)
Scientist i/c, GKMS



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MANIPUR BULLETIN

2nd May, 2014

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 3rd to 7th May, 14 as given below:

<p><u>Significant past weather for the preceding bi-weekly of Imphal - West (29th April to 1st May, 2014)</u></p> <p>The sky was mainly clear but mainly cloudy to cloudy during morning hours of 29th and afternoon hours of 1st May. No rainfall was recorded during past three days. Maximum temperature range observed was 28.5 – 31.5 °C, range of minimum temperature observed was 16.7 – 20.0 °C, mean relative humidity observed in morning and afternoon were 80.0 % and 47.3 % respectively. The average wind speed range was 5.0 – 6.1 km/hr.</p>	<p><u>Weather forecast for next five days of Churachandpur (3rd to 7th May, 2014)</u></p> <p>It is likely to have light to moderate rains at scattered places upto Wednesday. Sky may be mainly cloudy to cloudy with maximum temp. of 28.0 – 32.0 °C & minimum temp. 16.0 - 18.0 °C. Relative Humidity may reach a maximum of 96 % (maximum RH) & 44 % (minimum RH). The average wind speed may be 3-5 km/hr during next five days.</p>
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Main Weather Observations

Convective clouds are seen over some parts of northeastern States.

Weather Warning during next 3 days *

Moderate thundersquall would occur at isolated places over Manipur during 2nd to 4th May.

Weather Outlook for subsequent 4 days from 5th to 9th May 2014

Rain/thundershowers would occur at many places over northeastern states.

Name of the crop	Stage	Pest and disease infestation	Agro-meteorological advisories
Field Crops			
Early kharif rice	Tillering		- After weeding, , apply 24.25kg Urea at 25 to 30 days after transplanting, after complete removal of water.
Maize	For Rabi Maize: Cob formation	Cob borer	- Irrigate the crop field if required. - Drenching of Carbofuran 3G @ 20 kg/ ha near soil line.
	For Kharif Maize: Sowing		Land preparation for cultivation of maize may be started. Apply 60kg of urea, 65kg of DAP and 30 kg of MOP as a basal application during final ploughing or at the time of sowing. For high altitude sowing spacing may be 50cm x 25cm while for low altitude it may be 60cm x 30cm.
Soybean/ Groundnut/ Blackgram	Land preparation		- Apply 10 – 15 t/ha or 2.5 – 3 t/ sangam of FYM or compost by mixing thoroughly in the soil 1 - 2 weeks before sowing as basal application during final ploughing. Liming may be done @ 1t/ha or 250 kg/ sangam for soybean and @ 500 kg/ha or 125 kg/ sangam for groundnut nearly a month before sowing.
Storage			- Clean and store the seeds in RC-seed bins after proper drying. Check for germination of seeds or fungal growth. After proper drying, store grains/ seeds in well ventilated godowns. - Rodent management should be done in and around godowns. - During summer, maintain optimum conditions for potato storage in godowns and also during transportation. Do not pile bags too high.
Horticulture Crops			
Cowpea/ French bean/ Okra	Sowing		- After harvesting of onion, sow cowpea/ french bean/ okra to utilize residual moisture for germination of seed and reduce cost of cultivation. - Sowing may be done at earliest possible.
Tomato	Flowering and fruiting to harvest		- Harvest mature fruits. Retain mature and healthy fruits for seeds.
		Mite	- To prevent small sucking insects in the lower surface of leaves, use Ethion 0.05% or Neem oil @2-3 ml / lit of water.



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Water Melon	Flowering to fruiting		Chances of cracking of fruit are high with rains after a dry spell (with high temperature). To avoid cracking cover the fruit with leaves/ dry twigs.
			- Construct proper staking structures for proper growth.
		Mite	- To prevent small sucking insects in the lower surface of leaves, use Ethion 0.05% or Neem oil @2-3 ml / lit of water.
Mandarin/ Lemon	For grown up trees		- In mandarin apply 500g Urea, 1kg SSP & 400g MOP per plant along with 30 kg cowdung manure compost. - In lemon apply 350g Urea, 400g SSP & 300g MOP along with 30 kg cowdung manure compost per plant.
Turmeric	Sowing of turmeric		- Before planting treat seed rhizome with Sixer @ 2g/ kg seed or Trichoderma harzianum @ 10g/ kg seed or Carbendazim @ 2g/ kg seed. Maintain spacing at 25cm X 40-45cm.
Animal Sciences			
* Measures against mosquitoes breeding may be taken up. Also, use net to avoid entry of mosquitoes in the shed.			
Name of the animal	Growth stage	Disease/ infestation	Agro-meteorological advisories
Poultry	All susceptible age groups (as and when required)	Endoparasites	- Deworm using Levamisole Hydrochloride. - Potash granules may be added in the drinking water of poultry.
Sheep/ Goat	Above 3 months of age (as and when required)	Deworming	- Minthal bolus @ ½ bolus for 20 kg body weight orally.
		B.Q.	- Vaccinate against B.Q.
		Endoparasites	- Deworm orally using Albend either in tablet or in liquid form.
Pig	Above 3 months of age (as and when required)	Swine Fever	- SFV (Swine Fever vaccine) @1ml sub- cutaneously inside thigh must be administered after the age of 3 months.
		FMD	- Vaccinate against FMD after the age of 3 months.
		Ectoparasites	- Add Butox @ 2ml in 1 lit of water and brush the animal using the solution, twice a week.
		Endoparasite	- Administer Albend liq. @ 15 ml orally once and repeat after 7 days.
Cattle / Buffalo/ Mithun	Above 3 months of age (as and when required)	Endoparasites	- Deworm orally once using Nilzan-F @ 90ml/ 300 kg body weight.
		Skin infection	- Add Butox @ 2ml in 1 lit of water and brush the animal using the solution, twice a week.

(I. Meghachandra Singh)
Scientist i/c, GKMS



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MANIPUR BULLETIN

2nd May, 2014

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 3rd to 7th May, 14 as given below:

<p><u>Significant past weather for the preceding bi-weekly of Imphal - West (29th April to 1st May, 2014)</u></p> <p>The sky was mainly clear but mainly cloudy to cloudy during morning hours of 29th and afternoon hours of 1st May. No rainfall was recorded during past three days. Maximum temperature range observed was 28.5 – 31.5 °C, range of minimum temperature observed was 16.7 – 20.0 °C, mean relative humidity observed in morning and afternoon were 80.0 % and 47.3 % respectively. The average wind speed range was 5.0 – 6.1 km/hr.</p>	<p><u>Weather forecast for next five days of Imphal - East (3rd to 7th May, 2014)</u></p> <p>It is likely to have light to moderate rains at scattered places upto Wednesday. Sky may be mainly cloudy to cloudy with maximum temp. of 29.0 – 32.0 °C & minimum temp. 16.0 - 18.0 °C. Relative Humidity may reach a maximum of 98 % (maximum RH) & 49 % (minimum RH). The average wind speed may be 4-6 km/hr during next five days.</p>
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Main Weather Observations

Convective clouds are seen over some parts of northeastern States.

Weather Warning during next 3 days *

Moderate thundersquall would occur at isolated places over Manipur during 2nd to 4th May.

Weather Outlook for subsequent 4 days from 5th to 9th May 2014

Rain/thundershowers would occur at many places over northeastern states.

Name of the crop	Stage	Pest and disease infestation	Agro-meteorological advisories
Field Crops			
Early kharif rice	Tillering		- After weeding, , apply 24.25kg Urea at 25 to 30 days after transplanting, after complete removal of water.
Maize	For Rabi Maize: Cob formation	Cob borer	- Irrigate the crop field if required. - Drenching of Carbofuran 3G @ 20 kg/ ha near soil line.
	For Kharif Maize: Sowing		Land preparation for cultivation of maize may be started. Apply 60kg of urea, 65kg of DAP and 30 kg of MOP as a basal application during final ploughing or at the time of sowing. For high altitude sowing spacing may be 50cm x 25cm while for low altitude it may be 60cm x 30cm.
Soybean/ Groundnut/ Blackgram	Land preparation		- Apply 10 – 15 t/ha or 2.5 – 3 t/ sangam of FYM or compost by mixing thoroughly in the soil 1 - 2 weeks before sowing as basal application during final ploughing. Liming may be done @ 1t/ha or 250 kg/ sangam for soybean and @ 500 kg/ha or 125 kg/ sangam for groundnut nearly a month before sowing.
Storage			- Clean and store the seeds in RC-seed bins after proper drying. Check for germination of seeds or fungal growth. After proper drying, store grains/ seeds in well ventilated godowns. - Rodent management should be done in and around godowns. - During summer, maintain optimum conditions for potato storage in godowns and also during transportation. Do not pile bags too high.
Horticulture Crops			
Cowpea/ French bean/ Okra	Sowing		- After harvesting of onion, sow cowpea/ french bean/ okra to utilize residual moisture for germination of seed and reduce cost of cultivation. - Sowing may be done at earliest possible.
Tomato	Flowering and fruiting to harvest		- Harvest mature fruits. Retain mature and healthy fruits for seeds.
		Mite	- To prevent small sucking insects in the lower surface of leaves, use Ethion 0.05% or Neem oil @2-3 ml / lit of water.



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Water Melon	Flowering to fruiting		Chances of cracking of fruit are high with rains after a dry spell (with high temperature). To avoid cracking cover the fruit with leaves/ dry twigs.
			- Construct proper staking structures for proper growth.
		Mite	- To prevent small sucking insects in the lower surface of leaves, use Ethion 0.05% or Neem oil @2-3 ml / lit of water.
Mandarin/ Lemon	For grown up trees		- In mandarin apply 500g Urea, 1kg SSP & 400g MOP per plant along with 30 kg cowdung manure compost. - In lemon apply 350g Urea, 400g SSP & 300g MOP along with 30 kg cowdung manure compost per plant.
Turmeric	Sowing of turmeric		- Before planting treat seed rhizome with Sixer @ 2g/ kg seed or Trichoderma harzianum @ 10g/ kg seed or Carbendazim @ 2g/ kg seed. Maintain spacing at 25cm X 40-45cm.
Animal Sciences			
* Measures against mosquitoes breeding may be taken up. Also, use net to avoid entry of mosquitoes in the shed.			
Name of the animal	Growth stage	Disease/ infestation	Agro-meteorological advisories
Poultry	All susceptible age groups (as and when required)	Endoparasites	- Deworm using Levamisole Hydrochloride. - Potash granules may be added in the drinking water of poultry.
Sheep/ Goat	Above 3 months of age (as and when required)	Deworming	- Minthal bolus @ ½ bolus for 20 kg body weight orally.
		B.Q.	- Vaccinate against B.Q.
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Pig	Above 3 months of age (as and when required)	Swine Fever	- SFV (Swine Fever vaccine) @1ml sub- cutaneously inside thigh must be administered after the age of 3 months.
		FMD	- Vaccinate against FMD after the age of 3 months.
		Ectoparasites	- Add Butox @ 2ml in 1 lit of water and brush the animal using the solution, twice a week.
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		Skin infection	- Add Butox @ 2ml in 1 lit of water and brush the animal using the solution, twice a week.

(I. Meghachandra Singh)
Scientist i/c, GKMS



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2nd May, 2014

Imphal-West

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Main Weather Observations

Convective clouds are seen over some parts of northeastern States.

Weather Warning during next 3 days *

Moderate thundersquall would occur at isolated places over Manipur during 2nd to 4th May.

Weather Outlook for subsequent 4 days from 5th to 9th May 2014

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Name of the crop	Stage	Pest and disease infestation	Agro-meteorological advisories
Field Crops			
Early kharif rice	Tillering		- After weeding, , apply 24.25kg Urea at 25 to 30 days after transplanting, after complete removal of water.
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Storage			- Clean and store the seeds in RC-seed bins after proper drying. Check for germination of seeds or fungal growth. After proper drying, store grains/ seeds in well ventilated godowns. - Rodent management should be done in and around godowns. - During summer, maintain optimum conditions for potato storage in godowns and also during transportation. Do not pile bags too high.
Horticulture Crops			
Cowpea/ French bean/ Okra	Sowing		- After harvesting of onion, sow cowpea/ french bean/ okra to utilize residual moisture for germination of seed and reduce cost of cultivation. - Sowing may be done at earliest possible.
Tomato	Flowering and fruiting to harvest		- Harvest mature fruits. Retain mature and healthy fruits for seeds.
		Mite	- To prevent small sucking insects in the lower surface of leaves, use Ethion 0.05% or Neem oil @2-3 ml / lit of water.
Water Melon	Flowering to fruiting		Chances of cracking of fruit are high with rains after a dry spell (with high temperature). To avoid cracking cover the fruit with leaves/ dry twigs.



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			- Construct proper staking structures for proper growth.
		Mite	- To prevent small sucking insects in the lower surface of leaves, use Ethion 0.05% or Neem oil @2-3 ml / lit of water.
Mandarin/ Lemon	For grown up trees		- In mandarin apply 500g Urea, 1kg SSP & 400g MOP per plant along with 30 kg cowdung manure compost. - In lemon apply 350g Urea, 400g SSP & 300g MOP along with 30 kg cowdung manure compost per plant.
Turmeric	Sowing of turmeric		- Before planting treat seed rhizome with Sixer @ 2g/ kg seed or Trichoderma harzianum @ 10g/ kg seed or Carbendazim @ 2g/ kg seed. Maintain spacing at 25cm X 40-45cm.
Animal Sciences			
* Measures against mosquitoes breeding may be taken up. Also, use net to avoid entry of mosquitoes in the shed.			
Name of the animal	Growth stage	Disease/ infestation	Agro-meteorological advisories
Poultry	All susceptible age groups (as and when required)	Endoparasites	- Deworm using Levamisole Hydrochloride. - Potash granules may be added in the drinking water of poultry.
Sheep/ Goat	Above 3 months of age (as and when required)	Deworming	- Minthal bolus @ ½ bolus for 20 kg body weight orally.
		B.Q.	- Vaccinate against B.Q.
		Endoparasites	- Deworm orally using Albend either in tablet or in liquid form.
Pig	Above 3 months of age (as and when required)	Swine Fever	- SFV (Swine Fever vaccine) @ 1ml sub- cutaneously inside thigh must be administered after the age of 3 months.
		FMD	- Vaccinate against FMD after the age of 3 months.
		Ectoparasites	- Add Butox @ 2ml in 1 lit of water and brush the animal using the solution, twice a week.
		Endoparasite	- Administer Albend liq. @ 15 ml orally once and repeat after 7 days.
Cattle / Buffalo/ Mithun	Above 3 months of age (as and when required)	Endoparasites	- Deworm orally once using Nilzan-F @ 90ml/ 300 kg body weight.
		Skin infection	- Add Butox @ 2ml in 1 lit of water and brush the animal using the solution, twice a week.

(I. Meghachandra Singh)
Scientist i/c, GKMS



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MANIPUR BULLETIN

2nd May, 2014

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 3rd to 7th May, 14 as given below:

<p><u>Significant past weather for the preceding bi-weekly of Imphal - West (29th April to 1st May, 2014)</u></p> <p>The sky was mainly clear but mainly cloudy to cloudy during morning hours of 29th and afternoon hours of 1st May. No rainfall was recorded during past three days. Maximum temperature range observed was 28.5 – 31.5 °C, range of minimum temperature observed was 16.7 – 20.0 °C, mean relative humidity observed in morning and afternoon were 80.0 % and 47.3 % respectively. The average wind speed range was 5.0 – 6.1 km/hr.</p>	<p><u>Weather forecast for next five days of Senapati (3rd to 7th May, 2014)</u></p> <p>It is likely to have light to moderate rains at scattered places upto Wednesday. Sky may be mainly cloudy to cloudy with maximum temp. of 27.0 – 31.0 °C & minimum temp. 14.0 - 17.0 °C. Relative Humidity may reach a maximum of 95 % (maximum RH) & 46 % (minimum RH). The average wind speed may be 2-5 km/hr during next five days.</p>
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Main Weather Observations

Convective clouds are seen over some parts of northeastern States.

Weather Warning during next 3 days *

Moderate thundersquall would occur at isolated places over Manipur during 2nd to 4th May.

Weather Outlook for subsequent 4 days from 5th to 9th May 2014

Rain/thundershowers would occur at many places over northeastern states.

Name of the crop	Stage	Pest and disease infestation	Agro-meteorological advisories
Field Crops			
Early kharif rice	Tillering		- After weeding, , apply 24.25kg Urea at 25 to 30 days after transplanting, after complete removal of water.
Maize	For Rabi Maize: Cob formation	Cob borer	- Irrigate the crop field if required. - Drenching of Carbofuran 3G @ 20 kg/ ha near soil line.
	For Kharif Maize: Sowing		Land preparation for cultivation of maize may be started. Apply 60kg of urea, 65kg of DAP and 30 kg of MOP as a basal application during final ploughing or at the time of sowing. For high altitude sowing spacing may be 50cm x 25cm while for low altitude it may be 60cm x 30cm.
Soybean/ Groundnut/ Blackgram	Land preparation		- Apply 10 – 15 t/ha or 2.5 – 3 t/ sangam of FYM or compost by mixing thoroughly in the soil 1 - 2 weeks before sowing as basal application during final ploughing. Liming may be done @ 1t/ha or 250 kg/ sangam for soybean and @ 500 kg/ha or 125 kg/ sangam for groundnut nearly a month before sowing.
Storage			- Clean and store the seeds in RC-seed bins after proper drying. Check for germination of seeds or fungal growth. After proper drying, store grains/ seeds in well ventilated godowns. - Rodent management should be done in and around godowns. - During summer, maintain optimum conditions for potato storage in godowns and also during transportation. Do not pile bags too high.
Horticulture Crops			
Cowpea/ French bean/ Okra	Sowing		- After harvesting of onion, sow cowpea/ french bean/ okra to utilize residual moisture for germination of seed and reduce cost of cultivation. - Sowing may be done at earliest possible.
Tomato	Flowering and fruiting to harvest		- Harvest mature fruits. Retain mature and healthy fruits for seeds.
		Mite	- To prevent small sucking insects in the lower surface of leaves, use Ethion 0.05% or Neem oil @2-3 ml / lit of water.



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Water Melon	Flowering to fruiting		Chances of cracking of fruit are high with rains after a dry spell (with high temperature). To avoid cracking cover the fruit with leaves/ dry twigs.
			- Construct proper staking structures for proper growth.
		Mite	- To prevent small sucking insects in the lower surface of leaves, use Ethion 0.05% or Neem oil @2-3 ml / lit of water.
Mandarin/ Lemon	For grown up trees		- In mandarin apply 500g Urea, 1kg SSP & 400g MOP per plant along with 30 kg cowdung manure compost. - In lemon apply 350g Urea, 400g SSP & 300g MOP along with 30 kg cowdung manure compost per plant.
Turmeric	Sowing of turmeric		- Before planting treat seed rhizome with Sixer @ 2g/ kg seed or Trichoderma harzianum @ 10g/ kg seed or Carbendazim @ 2g/ kg seed. Maintain spacing at 25cm X 40-45cm.
Animal Sciences			
* Measures against mosquitoes breeding may be taken up. Also, use net to avoid entry of mosquitoes in the shed.			
Name of the animal	Growth stage	Disease/ infestation	Agro-meteorological advisories
Poultry	All susceptible age groups (as and when required)	Endoparasites	- Deworm using Levamisole Hydrochloride. - Potash granules may be added in the drinking water of poultry.
Sheep/ Goat	Above 3 months of age (as and when required)	Deworming	- Minthal bolus @ ½ bolus for 20 kg body weight orally.
		B.Q.	- Vaccinate against B.Q.
		Endoparasites	- Deworm orally using Albend either in tablet or in liquid form.
Pig	Above 3 months of age (as and when required)	Swine Fever	- SFV (Swine Fever vaccine) @1ml sub- cutaneously inside thigh must be administered after the age of 3 months.
		FMD	- Vaccinate against FMD after the age of 3 months.
		Ectoparasites	- Add Butox @ 2ml in 1 lit of water and brush the animal using the solution, twice a week.
		Endoparasite	- Administer Albend liq. @ 15 ml orally once and repeat after 7 days.
Cattle / Buffalo/ Mithun	Above 3 months of age (as and when required)	Endoparasites	- Deworm orally once using Nilzan-F @ 90ml/ 300 kg body weight.
		Skin infection	- Add Butox @ 2ml in 1 lit of water and brush the animal using the solution, twice a week.

(I. Meghachandra Singh)
Scientist i/c, GKMS



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“Integrated Agromet Advisory Services”

MANIPUR BULLETIN

2nd May, 2014

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 3rd to 7th May, 14 as given below:

<p><u>Significant past weather for the preceding bi-weekly of Imphal - West (29th April to 1st May, 2014)</u></p> <p>The sky was mainly clear but mainly cloudy to cloudy during morning hours of 29th and afternoon hours of 1st May. No rainfall was recorded during past three days. Maximum temperature range observed was 28.5 – 31.5 °C, range of minimum temperature observed was 16.7 – 20.0 °C, mean relative humidity observed in morning and afternoon were 80.0 % and 47.3 % respectively. The average wind speed range was 5.0 – 6.1 km/hr.</p>	<p><u>Weather forecast for next five days of Tamenglong (3rd to 7th May, 2014)</u></p> <p>It is likely to have light to moderate rains at scattered places upto Wednesday. Sky may be mainly cloudy to cloudy with maximum temp. of 30.0 – 33.0 °C & minimum temp. 18.0 - 20.0 °C. Relative Humidity may reach a maximum of 97 % (maximum RH) & 60 % (minimum RH). The average wind speed may be 4-6 km/hr during next five days.</p>
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Main Weather Observations

Convective clouds are seen over some parts of northeastern States.

Weather Warning during next 3 days *

Moderate thundersquall would occur at isolated places over Manipur during 2nd to 4th May.

Weather Outlook for subsequent 4 days from 5th to 9th May 2014

Rain/thundershowers would occur at many places over northeastern states.

Name of the crop	Stage	Pest and disease infestation	Agro-meteorological advisories
Field Crops			
Early kharif rice	Tillering		- After weeding, , apply 24.25kg Urea at 25 to 30 days after transplanting, after complete removal of water.
Maize	For Rabi Maize: Cob formation	Cob borer	- Irrigate the crop field if required. - Drenching of Carbofuran 3G @ 20 kg/ ha near soil line.
	For Kharif Maize: Sowing		Land preparation for cultivation of maize may be started. Apply 60kg of urea, 65kg of DAP and 30 kg of MOP as a basal application during final ploughing or at the time of sowing. For high altitude sowing spacing may be 50cm x 25cm while for low altitude it may be 60cm x 30cm.
Soybean/ Groundnut/ Blackgram	Land preparation		- Apply 10 – 15 t/ha or 2.5 – 3 t/ sangam of FYM or compost by mixing thoroughly in the soil 1 - 2 weeks before sowing as basal application during final ploughing. Liming may be done @ 1t/ha or 250 kg/ sangam for soybean and @ 500 kg/ha or 125 kg/ sangam for groundnut nearly a month before sowing.
Storage			- Clean and store the seeds in RC-seed bins after proper drying. Check for germination of seeds or fungal growth. After proper drying, store grains/ seeds in well ventilated godowns. - Rodent management should be done in and around godowns. - During summer, maintain optimum conditions for potato storage in godowns and also during transportation. Do not pile bags too high.
Horticulture Crops			
Cowpea/ French bean/ Okra	Sowing		- After harvesting of onion, sow cowpea/ french bean/ okra to utilize residual moisture for germination of seed and reduce cost of cultivation. - Sowing may be done at earliest possible.
Tomato	Flowering and fruiting to harvest		- Harvest mature fruits. Retain mature and healthy fruits for seeds.
		Mite	- To prevent small sucking insects in the lower surface of leaves, use Ethion 0.05% or Neem oil @2-3 ml / lit of water.



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Water Melon	Flowering to fruiting		Chances of cracking of fruit are high with rains after a dry spell (with high temperature). To avoid cracking cover the fruit with leaves/ dry twigs.
			- Construct proper staking structures for proper growth.
		Mite	- To prevent small sucking insects in the lower surface of leaves, use Ethion 0.05% or Neem oil @2-3 ml / lit of water.
Mandarin/ Lemon	For grown up trees		- In mandarin apply 500g Urea, 1kg SSP & 400g MOP per plant along with 30 kg cowdung manure compost. - In lemon apply 350g Urea, 400g SSP & 300g MOP along with 30 kg cowdung manure compost per plant.
Turmeric	Sowing of turmeric		- Before planting treat seed rhizome with Sixer @ 2g/ kg seed or Trichoderma harzianum @ 10g/ kg seed or Carbendazim @ 2g/ kg seed. Maintain spacing at 25cm X 40-45cm.
Animal Sciences			
* Measures against mosquitoes breeding may be taken up. Also, use net to avoid entry of mosquitoes in the shed.			
Name of the animal	Growth stage	Disease/ infestation	Agro-meteorological advisories
Poultry	All susceptible age groups (as and when required)	Endoparasites	- Deworm using Levamisole Hydrochloride. - Potash granules may be added in the drinking water of poultry.
Sheep/ Goat	Above 3 months of age (as and when required)	Deworming	- Minthal bolus @ ½ bolus for 20 kg body weight orally.
		B.Q.	- Vaccinate against B.Q.
		Endoparasites	- Deworm orally using Albend either in tablet or in liquid form.
Pig	Above 3 months of age (as and when required)	Swine Fever	- SFV (Swine Fever vaccine) @1ml sub- cutaneously inside thigh must be administered after the age of 3 months.
		FMD	- Vaccinate against FMD after the age of 3 months.
		Ectoparasites	- Add Butox @ 2ml in 1 lit of water and brush the animal using the solution, twice a week.
		Endoparasite	- Administer Albend liq. @ 15 ml orally once and repeat after 7 days.
Cattle / Buffalo/ Mithun	Above 3 months of age (as and when required)	Endoparasites	- Deworm orally once using Nilzan-F @ 90ml/ 300 kg body weight.
		Skin infection	- Add Butox @ 2ml in 1 lit of water and brush the animal using the solution, twice a week.

(I. Meghachandra Singh)
Scientist i/c, GKMS



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MANIPUR BULLETIN

2nd May, 2014

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 3rd to 7th May, 14 as given below:

<p><u>Significant past weather for the preceding bi-weekly of Imphal - West (29th April to 1st May, 2014)</u></p> <p>The sky was mainly clear but mainly cloudy to cloudy during morning hours of 29th and afternoon hours of 1st May. No rainfall was recorded during past three days. Maximum temperature range observed was 28.5 – 31.5 °C, range of minimum temperature observed was 16.7 – 20.0 °C, mean relative humidity observed in morning and afternoon were 80.0 % and 47.3 % respectively. The average wind speed range was 5.0 – 6.1 km/hr.</p>	<p><u>Weather forecast for next five days of Thoubal (3rd to 7th May, 2014)</u></p> <p>It is likely to have light to moderate rains at scattered places upto Wednesday. Sky may be mainly cloudy to cloudy with maximum temp. of 28.0 – 31.0 °C & minimum temp. 16.0 - 19.0 °C. Relative Humidity may reach a maximum of 94 % (maximum RH) & 55 % (minimum RH). The average wind speed may be 3-5 km/hr during next five days.</p>
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Main Weather Observations

Convective clouds are seen over some parts of northeastern States.

Weather Warning during next 3 days *

Moderate thundersquall would occur at isolated places over Manipur during 2nd to 4th May.

Weather Outlook for subsequent 4 days from 5th to 9th May 2014

Rain/thundershowers would occur at many places over northeastern states.

Name of the crop	Stage	Pest and disease infestation	Agro-meteorological advisories
Field Crops			
Early kharif rice	Tillering		- After weeding, , apply 24.25kg Urea at 25 to 30 days after transplanting, after complete removal of water.
Maize	For Rabi Maize: Cob formation	Cob borer	- Irrigate the crop field if required. - Drenching of Carbofuran 3G @ 20 kg/ ha near soil line.
	For Kharif Maize: Sowing		Land preparation for cultivation of maize may be started. Apply 60kg of urea, 65kg of DAP and 30 kg of MOP as a basal application during final ploughing or at the time of sowing. For high altitude sowing spacing may be 50cm x 25cm while for low altitude it may be 60cm x 30cm.
Soybean/ Groundnut/ Blackgram	Land preparation		- Apply 10 – 15 t/ha or 2.5 – 3 t/ sangam of FYM or compost by mixing thoroughly in the soil 1 - 2 weeks before sowing as basal application during final ploughing. Liming may be done @ 1t/ha or 250 kg/ sangam for soybean and @ 500 kg/ha or 125 kg/ sangam for groundnut nearly a month before sowing.
Storage			- Clean and store the seeds in RC-seed bins after proper drying. Check for germination of seeds or fungal growth. After proper drying, store grains/ seeds in well ventilated godowns. - Rodent management should be done in and around godowns. - During summer, maintain optimum conditions for potato storage in godowns and also during transportation. Do not pile bags too high.
Horticulture Crops			
Cowpea/ French bean/ Okra	Sowing		- After harvesting of onion, sow cowpea/ french bean/ okra to utilize residual moisture for germination of seed and reduce cost of cultivation. - Sowing may be done at earliest possible.
Tomato	Flowering and fruiting to harvest		- Harvest mature fruits. Retain mature and healthy fruits for seeds.
		Mite	- To prevent small sucking insects in the lower surface of leaves, use Ethion 0.05% or Neem oil @2-3 ml / lit of water.



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Water Melon	Flowering to fruiting		Chances of cracking of fruit are high with rains after a dry spell (with high temperature). To avoid cracking cover the fruit with leaves/ dry twigs.
			- Construct proper staking structures for proper growth.
		Mite	- To prevent small sucking insects in the lower surface of leaves, use Ethion 0.05% or Neem oil @2-3 ml / lit of water.
Mandarin/ Lemon	For grown up trees		- In mandarin apply 500g Urea, 1kg SSP & 400g MOP per plant along with 30 kg cowdung manure compost. - In lemon apply 350g Urea, 400g SSP & 300g MOP along with 30 kg cowdung manure compost per plant.
Turmeric	Sowing of turmeric		- Before planting treat seed rhizome with Sixer @ 2g/ kg seed or Trichoderma harzianum @ 10g/ kg seed or Carbendazim @ 2g/ kg seed. Maintain spacing at 25cm X 40-45cm.
Animal Sciences			
* Measures against mosquitoes breeding may be taken up. Also, use net to avoid entry of mosquitoes in the shed.			
Name of the animal	Growth stage	Disease/ infestation	Agro-meteorological advisories
Poultry	All susceptible age groups (as and when required)	Endoparasites	- Deworm using Levamisole Hydrochloride. - Potash granules may be added in the drinking water of poultry.
Sheep/ Goat	Above 3 months of age (as and when required)	Deworming	- Minthal bolus @ ½ bolus for 20 kg body weight orally.
		B.Q.	- Vaccinate against B.Q.
		Endoparasites	- Deworm orally using Albend either in tablet or in liquid form.
Pig	Above 3 months of age (as and when required)	Swine Fever	- SFV (Swine Fever vaccine) @1ml sub- cutaneously inside thigh must be administered after the age of 3 months.
		FMD	- Vaccinate against FMD after the age of 3 months.
		Ectoparasites	- Add Butox @ 2ml in 1 lit of water and brush the animal using the solution, twice a week.
		Endoparasite	- Administer Albend liq. @ 15 ml orally once and repeat after 7 days.
Cattle / Buffalo/ Mithun	Above 3 months of age (as and when required)	Endoparasites	- Deworm orally once using Nilzan-F @ 90ml/ 300 kg body weight.
		Skin infection	- Add Butox @ 2ml in 1 lit of water and brush the animal using the solution, twice a week.

(I. Meghachandra Singh)
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“Integrated Agromet Advisory Services”

MANIPUR BULLETIN

2nd May, 2014

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 3rd to 7th May, 14 as given below:

<u>Significant past weather for the preceding bi-weekly of Imphal - West (29th April to 1st May, 2014)</u> The sky was mainly clear but mainly cloudy to cloudy during morning hours of 29 th and afternoon hours of 1 st May. No rainfall was recorded during past three days. Maximum temperature range observed was 28.5 – 31.5 °C, range of minimum temperature observed was 16.7 – 20.0 °C, mean relative humidity observed in morning and afternoon were 80.0 % and 47.3 % respectively. The average wind speed range was 5.0 – 6.1 km/hr.	<u>Weather forecast for next five days of Ukhrul (3rd to 7th May, 2014)</u> It is likely to have light to moderate rains at scattered places upto Wednesday. Sky may be mainly cloudy to cloudy with maximum temp. of 27.0 – 31.0 °C & minimum temp. 13.0 - 16.0 °C. Relative Humidity may reach a maximum of 94 % (maximum RH) & 48 % (minimum RH). The average wind speed may be 2-5 km/hr during next five days.
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Main Weather Observations

Convective clouds are seen over some parts of northeastern States.

Weather Warning during next 3 days *

Moderate thundersquall would occur at isolated places over Manipur during 2nd to 4th May.

Weather Outlook for subsequent 4 days from 5th to 9th May 2014

Rain/thundershowers would occur at many places over northeastern states.

Name of the crop	Stage	Pest and disease infestation	Agro-meteorological advisories
Field Crops			
Early kharif rice	Tillering		- After weeding, , apply 24.25kg Urea at 25 to 30 days after transplanting, after complete removal of water.
Maize	For Rabi Maize: Cob formation	Cob borer	- Irrigate the crop field if required. - Drenching of Carbofuran 3G @ 20 kg/ ha near soil line.
	For Kharif Maize: Sowing		Land preparation for cultivation of maize may be started. Apply 60kg of urea, 65kg of DAP and 30 kg of MOP as a basal application during final ploughing or at the time of sowing. For high altitude sowing spacing may be 50cm x 25cm while for low altitude it may be 60cm x 30cm.
Soybean/ Groundnut/ Blackgram	Land preparation		- Apply 10 – 15 t/ha or 2.5 – 3 t/ sangam of FYM or compost by mixing thoroughly in the soil 1 - 2 weeks before sowing as basal application during final ploughing. Liming may be done @ 1t/ha or 250 kg/ sangam for soybean and @ 500 kg/ha or 125 kg/ sangam for groundnut nearly a month before sowing.
Storage			- Clean and store the seeds in RC-seed bins after proper drying. Check for germination of seeds or fungal growth. After proper drying, store grains/ seeds in well ventilated godowns. - Rodent management should be done in and around godowns. - During summer, maintain optimum conditions for potato storage in godowns and also during transportation. Do not pile bags too high.
Horticulture Crops			
Cowpea/ French bean/ Okra	Sowing		- After harvesting of onion, sow cowpea/ french bean/ okra to utilize residual moisture for germination of seed and reduce cost of cultivation. - Sowing may be done at earliest possible.
Tomato	Flowering and fruiting to harvest		- Harvest mature fruits. Retain mature and healthy fruits for seeds.
		Mite	- To prevent small sucking insects in the lower surface of leaves, use Ethion 0.05% or Neem oil @2-3 ml / lit of water.



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Water Melon	Flowering to fruiting		Chances of cracking of fruit are high with rains after a dry spell (with high temperature). To avoid cracking cover the fruit with leaves/ dry twigs.
			- Construct proper staking structures for proper growth.
		Mite	- To prevent small sucking insects in the lower surface of leaves, use Ethion 0.05% or Neem oil @2-3 ml / lit of water.
Mandarin/ Lemon	For grown up trees		- In mandarin apply 500g Urea, 1kg SSP & 400g MOP per plant along with 30 kg cowdung manure compost. - In lemon apply 350g Urea, 400g SSP & 300g MOP along with 30 kg cowdung manure compost per plant.
Turmeric	Sowing of turmeric		- Before planting treat seed rhizome with Sixer @ 2g/ kg seed or Trichoderma harzianum @ 10g/ kg seed or Carbendazim @ 2g/ kg seed. Maintain spacing at 25cm X 40-45cm.
Animal Sciences			
* Measures against mosquitoes breeding may be taken up. Also, use net to avoid entry of mosquitoes in the shed.			
Name of the animal	Growth stage	Disease/ infestation	Agro-meteorological advisories
Poultry	All susceptible age groups (as and when required)	Endoparasites	- Deworm using Levamisole Hydrochloride. - Potash granules may be added in the drinking water of poultry.
Sheep/ Goat	Above 3 months of age (as and when required)	Deworming	- Minthal bolus @ ½ bolus for 20 kg body weight orally.
		B.Q.	- Vaccinate against B.Q.
		Endoparasites	- Deworm orally using Albend either in tablet or in liquid form.
Pig	Above 3 months of age (as and when required)	Swine Fever	- SFV (Swine Fever vaccine) @1ml sub- cutaneously inside thigh must be administered after the age of 3 months.
		FMD	- Vaccinate against FMD after the age of 3 months.
		Ectoparasites	- Add Butox @ 2ml in 1 lit of water and brush the animal using the solution, twice a week.
		Endoparasite	- Administer Albend liq. @ 15 ml orally once and repeat after 7 days.
Cattle / Buffalo/ Mithun	Above 3 months of age (as and when required)	Endoparasites	- Deworm orally once using Nilzan-F @ 90ml/ 300 kg body weight.
		Skin infection	- Add Butox @ 2ml in 1 lit of water and brush the animal using the solution, twice a week.

(I. Meghachandra Singh)
Scientist i/c, GKMS