



जिला स्तर कृषि मौसम सलाहकार सेवा पत्रिका
District Level Agro-met Advisory Bulletin
Arunachal Pradesh

(Period: 6th to 10th April 2019)

No: AMFU-Basar/2019/28

Dated: Friday, 5th April 2019



Gramin Krishi Mausam Sewa
ICAR Research Complex for NEH Region, Arunachal Pradesh Centre, Basar-791101

ADVISORY FOR DISTRICT: UPPER DIBANG VALLEY

{Anini: Latitude: 28.2179994/Longitude: 94.7277528/Altitude: 1968 masl}

Weather summery of the previous week	Weather forecast valid up to 10 th April 2019
Rainfall = NA	Partly/mostly cloudy with possibility of light rain after 7 th April. Daily maximum and minimum temperature for the following period is predicted to be 20.0-22.0°C and 11.0-13.0°C respectively. Expected morning and evening relative humidity will be 62-84% and 24-45% respectively. Wind direction is mainly ENE & E with average wind speed range of 6.0-12.0 kmph.
Warning:	•

GENERAL RECOMMENDATIONS			
<ul style="list-style-type: none">• Monitor for possible attack of insects/pests• Application of fertilizers/manure can be done during clear/dry days• Proper drainage to all crop to avoid runoff• Check of vaccination schedule in poultry/livestock			
DETAILS OF ADVISORIES FOR THE PERIOD			
Crop	Stage	Pest/Disease	Precautionary Practices to be followed
FIELD CROPS			
Jhum Rice	Land Preparation/ Sowing		<ul style="list-style-type: none">❖ Make structures to avoid runoff in the slope,❖ Sowing during clear/dry days❖ Intercropping of leguminous crops (cowpea /frenchbean /soybean) at 2-3 rows across the slope in jhum field at desirable interval with rice advocated.
Pea (late sown)	Seed development/ maturity	Powdery mildew/ leaf eating insects	<ul style="list-style-type: none">❖ Provide adequate drainage and avoid water stagnation near the base of the plants.❖ Need based foliar spray of Dinocap (0.2%) or Carbendazim 50WP (0.1%) or Propiconazole (0.1%) using sticker if the infestation is high.
VEGETABLES			
Tomato	Transplanting/ vegetative growth		<ul style="list-style-type: none">❖ Transplanting should be done under protected condition in small pits either in green house or rain shelter, if no option then in open condition.❖ Well decomposed FYM along with vermicompost should be added in pits❖ Spray COC @ 0.25% at 7-10 days interval for management of lateblight.❖ Proper drainage should be ensured.
Summer vegetables	Sowing		<ul style="list-style-type: none">❖ Sowing advocated during clear/dry days❖ Provide adequate drainage to already sown crops
HORTICULTURAL CROPS			
Kiwi	Pruning/Training		<ul style="list-style-type: none">❖ Diseased and senile branches should be removed.❖ Pruning should be done retaining 8-10 buds per branch for enhancing new flush and flowering.❖ Pruned healthy hard wood of pencil thickness size having 4-5 buds can be used as cutting for propagation
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Cattle	All stages		<ul style="list-style-type: none">❖ Balanced feeding of dairy animals and allow calf suckling immediately after parturition.❖ Full hand milking should be practiced.❖ Frequent incomplete milking at interval of 4hrs should be practiced after parturition for minimum 1 week. Afterwards complete milking in a day is recommended.
Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795-226237/226247			



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Gramin Krishi Mausam Sewa
ICAR Research Complex for NEH Region, Arunachal Pradesh Centre, Basar-791101

ADVISORY FOR DISTRICT: EAST KAMENG

Weather summary of the previous week	Weather forecast valid up to 10 th April 2019
Rainfall = 0.0 mm	Mostly cloudy with possibility of light rain. Daily maximum and minimum temperature for the following period is predicted to be 21.0-22.0°C and 11.0-13.0°C respectively. Expected morning and evening relative humidity will be 73-81% and 33-52% respectively. Wind direction is mainly SE with average wind speed range of 4.0-7.0 kmph.
Warning:	•

GENERAL RECOMMENDATIONS

- Monitor for possible attack of insects/pests
- Application of fertilizers/manure can be done during clear/dry days
- Proper drainage to all crop to avoid runoff
- Check of vaccination schedule in poultry/livestock

DETAILS OF ADVISORIES FOR THE PERIOD

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
FIELD CROPS			
Jhum Rice	Land Preparation/ sowing		<ul style="list-style-type: none">❖ Make structures to avoid runoff in the slope,❖ Sowing may be done❖ Intercropping of leguminous crops (cowpea /frenchbean /soybean) at 2-3 rows across the slope in jhum field at desirable interval with rice advocated.
Maize Land	preparation / sowing	Cut worm/ Army worm	<ul style="list-style-type: none">❖ Apply well decomposed FYM @ 2.5t/ha + mixed compost 2.5 t/ha + 0.5t/ha neem cake and mix properly with soil 7-10 days before sowing.❖ Apply dolomite @ 200 kg/ha in furrow before sowing.❖ Seeds should be sown at 50 cm row to row and 20 cm plant to plant spacing, respectively.❖ Take protection measure to save maize seedlings from birds.❖ One hand weeding should be done after 20 days of sowing.❖ Application of mixture of cow urine + water + neem oil (2 litre + 8 litre + 50ml) @ 100 ml/plant for management of cut worm.❖ For management of Army worm spray spinosad @ 0.3 ml/litre.❖ Proper drainage should be ensured.
VEGETABLES			
Okra	Sowing		<ul style="list-style-type: none">❖ Procure quality seed from certified agency.❖ Treat the seeds with Imidacloprid 17SL @ 1ml/litre/ kilogram seed before sowing.❖ Sowing may be done❖ Provide adequate drainage
HORTICULTURAL CROPS			
Large cardamom	Flowering		<ul style="list-style-type: none">❖ Regular monitoring for pest and disease incidence.❖ Shade management with the proper lopping of trees.
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages	Coccidiosis, Ranikhet disease	<ul style="list-style-type: none">❖ 16 hrs of light (natural and electrical) should be provided to adult birds for optimum egg production.❖ Frequent raking and liming of deep litter materials.❖ Inclusion of turmeric powder @ 10g/kg feed for prevention of coccidiosis.❖ Maintenance of brooder temperature for chicks with the help of electrical bulbs for initial one month.❖ Ranikhet vaccination at 5th day and at 30th day of age.
Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795-226237/226247			



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 ICAR Research Complex for NEH Region, Arunachal Pradesh Centre, Basar-791101

ADVISORY FOR DISTRICT: EAST SIANG

{Pasighat: Latitude: 28.0700/Longitude: 95.3300/Altitude: 153 masl}

Weather summary of the previous week	Weather forecast valid up to 10 th April 2019
Rainfall: 72.4 mm; T. Max: 25.0°C; T. Min: 17.0°C ; RH: 72-100%	Partly/mostly cloudy with possibility of light rain after 7th April. Daily maximum and minimum temperature for the following period is predicted to be 24.0-25.0°C and 16.0-17.0°C respectively. Expected morning and evening relative humidity will be 61-87% and 22-66% respectively. Wind direction is mainly W with average wind speed range of 4.0-6.0 kmph.
Warning:	•

GENERAL RECOMMENDATIONS

- Monitor for possible attack of insects/pests
- Application of fertilizers/manure can be done during clear/dry days
- Proper drainage to all crop to avoid runoff
- Check of vaccination schedule in poultry/livestock

DETAILS OF ADVISORIES FOR THE PERIOD

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
FIELD CROPS			
Jhum Rice	Land Preparation/ sowing		<ul style="list-style-type: none"> ❖ Make structures to avoid runoff in the slope, ❖ Sowing may be done ❖ Intercropping of leguminous crops (cowpea /frenchbean /soybean) at 2-3 rows across the slope in jhum field at desirable interval with rice advocated.
Sugarcane	Planting	Termites	<ul style="list-style-type: none"> ❖ Sugarcane sets may be planted during this week as there is sufficient soil moisture in the field. ❖ Apply 5% Malathion dust @ 3 kg per bigha to avoid attack of termites before planting the sets.
Maize Land	preparation / sowing	Cut worm/ Army worm	<ul style="list-style-type: none"> ❖ Apply well decomposed FYM @ 2.5t/ha + mixed compost 2.5 t/ha + 0.5t/ha neem cake and mix properly with soil 7-10 days before sowing. ❖ Apply dolomite @ 200 kg/ha in furrow before sowing. ❖ Seeds should be sown at 50 cm row to row and 20 cm plant to plant spacing, respectively. ❖ Take protection measure to save maize seedlings from birds. ❖ One hand weeding should be done after 20 days of sowing. ❖ Application of mixture of cow urine + water + neem oil (2 litre + 8 litre + 50ml) @ 100 ml/plant for management of cut worm. ❖ For management of Army worm spray spinosad @ 0.3 ml/litre. ❖ Proper drainage should be ensured.
VEGETABLES			
Okra	Sowing		<ul style="list-style-type: none"> ❖ Procure quality seed from certified agency. ❖ Treat the seeds with Imidacloprid 17SL @ 1ml/litre/ kilogram seed before sowing. ❖ Sowing may be done ❖ Provide adequate drainage
HORTICULTURAL CROPS			
Large cardamom	Flowering		<ul style="list-style-type: none"> ❖ Regular monitoring for pest and disease incidence. ❖ Shade management with the proper lopping of trees.
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages	Coccidiosis, Ranikhet disease	<ul style="list-style-type: none"> ❖ 16 hrs of light (natural and electrical) should be provided to adult birds for optimum egg production. ❖ Frequent raking and liming of deep litter materials. ❖ Inclusion of turmeric powder @ 10g/kg feed for prevention of coccidiosis. ❖ Maintenance of brooder temperature for chicks with the help of electrical bulbs for initial one month. ❖ Ranikhet vaccination at 5th day and at 30th day of age.
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ICAR Research Complex for NEH Region, Arunachal Pradesh Centre, Basar-791101

ADVISORY FOR DISTRICT: KURUNG KUMEY

{Koloriang: Latitude: 27.9167°/Longitude: 93.3500°/Altitude: 1040 masl}

Weather summery of the previous week	Weather forecast valid up to 10 th April 2019
Rainfall (Koloriang): 5.6 mm	Partly cloudy with possibility of light rain on 8 th & 10 th April. Daily maximum and minimum temperature for the following period is predicted to be 20.0-22.0°C and 11.0-12.0°C respectively. Expected morning and evening relative humidity will be 74-84% and 36-60% respectively. Wind direction is mainly W & WSW with average wind speed range of 2.0-8.0 kmph.
Warning:	•

GENERAL RECOMMENDATIONS			
<ul style="list-style-type: none">• Monitor for possible attack of insects/pests• Application of fertilizers/manure can be done during clear/dry days• Proper drainage to all crop to avoid runoff• Check of vaccination schedule in poultry/livestock			
DETAILS OF ADVISORIES FOR THE PERIOD			
Crop	Stage	Pest/Disease	Precautionary Practices to be followed
FIELD CROPS			
Jhum Rice	Land Preparation/ Sowing		<ul style="list-style-type: none">❖ Make structures to avoid runoff in the slope,❖ Sowing during clear/dry days❖ Intercropping of leguminous crops (cowpea /frenchbean /soybean) at 2-3 rows across the slope in jhum field at desirable interval with rice advocated.
Pea (late sown)	Seed development/ maturity	Powdery mildew/ leaf eating insects	<ul style="list-style-type: none">❖ Provide adequate drainage and avoid water stagnation near the base of the plants.❖ Need based foliar spray of Dinocap (0.2%) or Carbendazim 50WP (0.1%) or Propiconazole (0.1%) using sticker if the infestation is high.
VEGETABLES			
Tomato	Transplanting/ vegetative growth		<ul style="list-style-type: none">❖ Transplanting should be done under protected condition in small pits either in green house or rain shelter, if no option then in open condition.❖ Well decomposed FYM along with vermicompost should be added in pits❖ Spray COC @ 0.25% at 7-10 days interval for management of lateblight.❖ Proper drainage should be ensured.
Summer vegetables	Sowing		<ul style="list-style-type: none">❖ Sowing advocated during clear/dry days❖ Provide adequate drainage to already sown crops
HORTICULTURAL CROPS			
Kiwi	Pruning/Training		<ul style="list-style-type: none">❖ Diseased and senile branches should be removed.❖ Pruning should be done retaining 8-10 buds per branch for enhancing new flush and flowering.❖ Pruned healthy hard wood of pencil thickness size having 4-5 buds can be used as cutting for propagation
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Cattle	All stages		<ul style="list-style-type: none">❖ Balanced feeding of dairy animals and allow calf suckling immediately after parturition.❖ Full hand milking should be practiced.❖ Frequent incomplete milking at interval of 4hrs should be practiced after parturition for minimum 1 week. Afterwards complete milking in a day is recommended.
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ADVISORY FOR DISTRICT: LOHIT

Weather summery of the previous week	Weather forecast valid up to 10 th April 2019
Rainfall: 45.1 mm (Tezu)	Partly/mostly cloudy with possibility of moderate rain. Daily maximum and minimum temperature for the following period is predicted to be 24.0-26.0°C and 17.0-19.0°C respectively. Expected morning and evening relative humidity will be 73-78% and 30-55% respectively. Wind direction is mainly ENE & E average wind speed range of 3.0-7.0 kmph.
Warning	•

GENERAL RECOMMENDATIONS

- Monitor for possible attack of insects/pests
- Application of fertilizers/manure can be done during clear/dry days
- Proper drainage to all crop to avoid runoff
- Check of vaccination schedule in poultry/livestock

DETAILS OF ADVISORIES FOR THE PERIOD

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
FIELD CROPS			
Jhum Rice	Land Preparation/ sowing		<ul style="list-style-type: none"> ❖ Make structures to avoid runoff in the slope, ❖ Sowing may be done ❖ Intercropping of leguminous crops (cowpea /frenchbean /soybean) at 2-3 rows across the slope in jhum field at desirable interval with rice advocated.
Sugarcane	Planting	Twermite	<ul style="list-style-type: none"> ❖ Sugarcane sets may be planted during this week as there is sufficient soil moisture in the field. ❖ Apply 5% Malathion dust @ 3 kg per bigha to avoid attack of termites before planting the sets.
Maize Land	preparation / sowing	Cut worm/ Army worm	<ul style="list-style-type: none"> ❖ Apply well decomposed FYM @ 2.5t/ha + mixed compost 2.5 t/ha + 0.5t/ha neem cake and mix properly with soil 7-10 days before sowing. ❖ Apply dolomite @ 200 kg/ha in furrow before sowing. ❖ Seeds should be sown at 50 cm row to row and 20 cm plant to plant spacing, respectively. ❖ Take protection measure to save maize seedlings from birds. ❖ One hand weeding should be done after 20 days of sowing. ❖ Application of mixture of cow urine + water + neem oil (2 litre + 8 litre + 50ml) @ 100 ml/plant for management of cut worm. ❖ For management of Army worm spray spinosad @ 0.3 ml/litre. ❖ Proper drainage should be ensured.
VEGETABLES			
Okra	Sowing		<ul style="list-style-type: none"> ❖ Procure quality seed from certified agency. ❖ Treat the seeds with Imidacloprid 17SL @ 1ml/litre/ kilogram seed before sowing. ❖ Sowing may be done ❖ Provide adequate drainage
HORTICULTURAL CROPS			
Large cardamom	Flowering		<ul style="list-style-type: none"> ❖ Regular monitoring for pest and disease incidence. ❖ Shade management with the proper lopping of trees.
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages	Coccidiosis, Ranikhet disease	<ul style="list-style-type: none"> ❖ 16 hrs of light (natural and electrical) should be provided to adult birds for optimum egg production. ❖ Frequent raking and liming of deep litter materials. ❖ Inclusion of turmeric powder @ 10g/kg feed for prevention of coccidiosis. ❖ Maintenance of brooder temperature for chicks with the help of electrical bulbs for initial one month. ❖ Ranikhet vaccination at 5th day and at 30th day of age.
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ICAR Research Complex for NEH Region, Arunachal Pradesh Centre, Basar-791101

ADVISORY FOR DISTRICT: LOWER DIBANG VALLEY

Weather summary of the previous week	Weather forecast valid up to 10 th April 2019
Rainfall (Roing): 9.3 mm	Partly/mostly cloudy with possibility of light rain after 7th April. Daily maximum and minimum temperature for the following period is predicted to be 20.0-22.0°C and 11.0-13.0°C respectively. Expected morning and evening relative humidity will be 52-74% and 21-41% respectively. Wind direction is mainly ENE & E with average wind speed range of 5.0-9.0 kmph.
Warning:	•

GENERAL RECOMMENDATIONS

- Monitor for possible attack of insects/pests
- Application of fertilizers/manure can be done during clear/dry days
- Proper drainage to all crop to avoid runoff
- Check of vaccination schedule in poultry/livestock

DETAILS OF ADVISORIES FOR THE PERIOD

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
FIELD CROPS			
Jhum Rice	Land Preparation/ sowing		<ul style="list-style-type: none">❖ Make structures to avoid runoff in the slope,❖ Sowing may be done❖ Intercropping of leguminous crops (cowpea /frenchbean /soybean) at 2-3 rows across the slope in jhum field at desirable interval with rice advocated.
Sugarcane	Planting	Twermite	<ul style="list-style-type: none">❖ Sugarcane sets may be planted during this week as there is sufficient soil moisture in the field.❖ Apply 5% Malathion dust @ 3 kg per bigha to avoid attack of termites before planting the sets.
Maize Land	preparation / sowing	Cut worm/ Army worm	<ul style="list-style-type: none">❖ Apply well decomposed FYM @ 2.5t/ha + mixed compost 2.5 t/ha + 0.5t/ha neem cake and mix properly with soil 7-10 days before sowing.❖ Apply dolomite @ 200 kg/ha in furrow before sowing.❖ Seeds should be sown at 50 cm row to row and 20 cm plant to plant spacing, respectively.❖ Take protection measure to save maize seedlings from birds.❖ One hand weeding should be done after 20 days of sowing.❖ Application of mixture of cow urine + water + neem oil (2 litre + 8 litre + 50ml) @ 100 ml/plant for management of cut worm.❖ For management of Army worm spray spinosad @ 0.3 ml/litre.❖ Proper drainage should be ensured.
VEGETABLES			
Okra	Sowing		<ul style="list-style-type: none">❖ Procure quality seed from certified agency.❖ Treat the seeds with Imidacloprid 17SL @ 1ml/litre/ kilogram seed before sowing.❖ Sowing may be done❖ Provide adequate drainage
HORTICULTURAL CROPS			
Large cardamom	Flowering		<ul style="list-style-type: none">❖ Regular monitoring for pest and disease incidence.❖ Shade management with the proper lopping of trees.
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages	Coccidiosis, Ranikhet disease	<ul style="list-style-type: none">❖ 16 hrs of light (natural and electrical) should be provided to adult birds for optimum egg production.❖ Frequent raking and liming of deep litter materials.❖ Inclusion of turmeric powder @ 10g/kg feed for prevention of coccidiosis.❖ Maintenance of brooder temperature for chicks with the help of electrical bulbs for initial one month.❖ Ranikhet vaccination at 5th day and at 30th day of age.

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Gramin Krishi Mausam Sewa
ICAR Research Complex for NEH Region, Arunachal Pradesh Centre, Basar-791101

ADVISORY FOR DISTRICT: LOWER SUBANSIRI

Weather summery of the previous week	Weather forecast valid up to 10 th April 2019
NA	Mostly cloudy with possibility of light rain on 8 th & 10 th April. Daily maximum and minimum temperature for the following period is predicted to be 24.0-26.0°C and 15.0-16.0°C respectively. Expected morning and evening relative humidity will be 76-86% and 33-58% respectively. Wind direction is mainly WSW with average wind speed range of 3.0-8.0 kmph.
Warning:	•

GENERAL RECOMMENDATIONS			
<ul style="list-style-type: none">Monitor for possible attack of insects/pestsApplication of fertilizers/manure can be done during clear/dry daysProper drainage to all crop to avoid runoffCheck of vaccination schedule in poultry/livestock			
DETAILS OF ADVISORIES FOR THE PERIOD			
Crop	Stage	Pest/Disease	Precautionary Practices to be followed
FIELD CROPS			
Jhum Rice	Land Preparation/ Sowing		<ul style="list-style-type: none">❖ Make structures to avoid runoff in the slope,❖ Sowing during clear/dry days❖ Intercropping of leguminous crops (cowpea /frenchbean /soybean) at 2-3 rows across the slope in jhum field at desirable interval with rice advocated.
Pea (late sown)	Seed development/ maturity	Powdery mildew/ leaf eating insects	<ul style="list-style-type: none">❖ Provide adequate drainage and avoid water stagnation near the base of the plants.❖ Need based foliar spray of Dinocap (0.2%) or Carbendazim 50WP (0.1%) or Propiconazole (0.1%) using sticker if the infestation is high.
VEGETABLES			
Tomato	Transplanting/ vegetative growth		<ul style="list-style-type: none">❖ Transplanting should be done under protected condition in small pits either in green house or rain shelter, if no option then in open condition.❖ Well decomposed FYM along with vermicompost should be added in pits❖ Spray COC @ 0.25% at 7-10 days interval for management of lateblight.❖ Proper drainage should be ensured.
Summer vegetables	Sowing		<ul style="list-style-type: none">❖ Sowing advocated during clear/dry days❖ Provide adequate drainage to already sown crops
HORTICULTURAL CROPS			
Kiwi	Pruning/Training		<ul style="list-style-type: none">❖ Diseased and senile branches should be removed.❖ Pruning should be done retaining 8-10 buds per branch for enhancing new flush and flowering.❖ Pruned healthy hard wood of pencil thickness size having 4-5 buds can be used as cutting for propagation
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Cattle	All stages		<ul style="list-style-type: none">❖ Balanced feeding of dairy animals and allow calf suckling immediately after parturition.❖ Full hand milking should be practiced.❖ Frequent incomplete milking at interval of 4hrs should be practiced after parturition for minimum 1 week. Afterwards complete milking in a day is recommended.
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 ICAR Research Complex for NEH Region, Arunachal Pradesh Centre, Basar-791101

ADVISORY FOR DISTRICT: PAPUM PARE

Weather summery of the previous week	Weather forecast valid up to 10 th April 2019
Rainfall: 37.0 mm; T. Max: 33.0°C; T. Min: 17.0°C ; RH: 57-94%	Mostly cloudy with possibility of moderate rain on 8th & 10th April. Daily maximum and minimum temperature for the following period is predicted to be 24.0-26.0°C and 16.0-19.0°C respectively. Expected morning and evening relative humidity will be 71-82% and 34-49% respectively. Wind direction is mainly E & ESE with average wind speed range of 4.0-8.0 kmph.
Warning:	•

GENERAL RECOMMENDATIONS

- Monitor for possible attack of insects/pests
- Application of fertilizers/manure can be done during clear/dry days
- Proper drainage to all crop to avoid runoff
- Check of vaccination schedule in poultry/livestock

DETAILS OF ADVISORIES FOR THE PERIOD

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
FIELD CROPS			
Jhum Rice	Land Preparation/ sowing		<ul style="list-style-type: none"> ❖ Make structures to avoid runoff in the slope, ❖ Sowing may be done ❖ Intercropping of leguminous crops (cowpea /frenchbean /soybean) at 2-3 rows across the slope in jhum field at desirable interval with rice advocated.
Sugarcane	Planting	Twermite	<ul style="list-style-type: none"> ❖ Sugarcane sets may be planted during this week as there is sufficient soil moisture in the field. ❖ Apply 5% Malathion dust @ 3 kg per bigha to avoid attack of termites before planting the sets.
Maize Land	preparation / sowing	Cut worm/ Army worm	<ul style="list-style-type: none"> ❖ Apply well decomposed FYM @ 2.5t/ha + mixed compost 2.5 t/ha + 0.5t/ha neem cake and mix properly with soil 7-10 days before sowing. ❖ Apply dolomite @ 200 kg/ha in furrow before sowing. ❖ Seeds should be sown at 50 cm row to row and 20 cm plant to plant spacing, respectively. ❖ Take protection measure to save maize seedlings from birds. ❖ One hand weeding should be done after 20 days of sowing. ❖ Application of mixture of cow urine + water + neem oil (2 litre + 8 litre + 50ml) @ 100 ml/plant for management of cut worm. ❖ For management of Army worm spray spinosad @ 0.3 ml/litre. ❖ Proper drainage should be ensured.
VEGETABLES			
Okra	Sowing		<ul style="list-style-type: none"> ❖ Procure quality seed from certified agency. ❖ Treat the seeds with Imidacloprid 17SL @ 1ml/litre/ kilogram seed before sowing. ❖ Sowing may be done ❖ Provide adequate drainage
HORTICULTURAL CROPS			
Large cardamom	Flowering		<ul style="list-style-type: none"> ❖ Regular monitoring for pest and disease incidence. ❖ Shade management with the proper lopping of trees.
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages	Coccidiosis, Ranikhet disease	<ul style="list-style-type: none"> ❖ 16 hrs of light (natural and electrical) should be provided to adult birds for optimum egg production. ❖ Frequent raking and liming of deep litter materials. ❖ Inclusion of turmeric powder @10g/kg feed for prevention of coccidiosis. ❖ Maintenance of brooder temperature for chicks with the help of electrical bulbs for initial one month. ❖ Ranikhet vaccination at 5th day and at 30th day of age.
Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795-226237/226247			



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No: AMFU-Basar/2019/28

Dated: Friday, 5th April 2019



Gramin Krishi Mausam Sewa

ICAR Research Complex for NEH Region, Arunachal Pradesh Centre, Basar-791101

ADVISORY FOR DISTRICT: TAWANG

Weather summery of the previous week	Weather forecast valid up to 10 th April 2019
Rainfall: 26.0 mm	Mostly cloudy with possibility of light rain. Daily maximum and minimum temperature for the following period is predicted to be 10.0-12.0°C and 2.0-3.0°C respectively. Expected morning and evening relative humidity will be 80-86% and 41-58% respectively. Wind direction is mainly variable with average wind speed range of 2-7 kmph.
Warning:	•

GENERAL RECOMMENDATIONS			
<ul style="list-style-type: none">• Monitor for possible attack of insects/pests• Application of fertilizers/manure can be done during clear/dry days• Proper drainage to all crop to avoid runoff• Check of vaccination schedule in poultry/livestock			
DETAILS OF ADVISORIES FOR THE PERIOD			
FIELD CROPS			
Jhum Rice	Land Preparation/ Sowing		<ul style="list-style-type: none">❖ Make structures to avoid runoff in the slope,❖ Sowing during clear/dry days❖ Intercropping of leguminous crops (cowpea /frenchbean /soybean) at 2-3 rows across the slope in jhum field at desirable interval with rice advocated.
Pea (late sown)	Seed development/ maturity	Powdery mildew/ leaf eating insects	<ul style="list-style-type: none">❖ Provide adequate drainage and avoid water stagnation near the base of the plants.❖ Need based foliar spray of Dinocap (0.2%) or Carbendazim 50WP (0.1%) or Propiconazole (0.1%) using sticker if the infestation is high.
VEGETABLES			
Tomato	Transplanting/ vegetative growth		<ul style="list-style-type: none">❖ Transplanting should be done under protected condition in small pits either in green house or rain shelter, if no option then in open condition.❖ Well decomposed FYM along with vermicompost should be added in pits❖ Spray COC @ 0.25% at 7-10 days interval for management of lateblight.❖ Proper drainage should be ensured.
Summer vegetables	Sowing		<ul style="list-style-type: none">❖ Sowing advocated during clear/dry days❖ Provide adequate drainage to already sown crops
HORTICULTURAL CROPS			
Kiwi	Pruning/Training		<ul style="list-style-type: none">❖ Diseased and senile branches should be removed.❖ Pruning should be done retaining 8-10 buds per branch for enhancing new flush and flowering.❖ Pruned healthy hard wood of pencil thickness size having 4-5 buds can be used as cutting for propagation
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Cattle	All stages		<ul style="list-style-type: none">❖ Balanced feeding of dairy animals and allow calf suckling immediately after parturition.❖ Full hand milking should be practiced.❖ Frequent incomplete milking at interval of 4hrs should be practiced after parturition for minimum 1 week. Afterwards complete milking in a day is recommended.
Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795-226237/226247			



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ICAR Research Complex for NEH Region, Arunachal Pradesh Centre, Basar-791101

ADVISORY FOR DISTRICT: TIRAP

Weather summery of the previous week	Weather forecast valid up to 10 th April 2019
Rainfall: NA	Mostly cloudy with possibility of moderate rain on 8 th April. Daily maximum and minimum temperature for the following period is predicted to be 26.0-27.0°C and 17.0-19.0°C respectively. Expected morning and evening relative humidity will be 84-94% and 54-72% respectively. Wind direction is mainly variable with average wind speed range of 2.0-4.0 kmph.
Warning:	•

GENERAL RECOMMENDATIONS

- Avoid all spray operations
- Application of fertilizers/manure may be avoided
- Proper drainage to all crop to avoid runoff
- Check of vaccination schedule in poultry/livestock

DETAILS OF ADVISORIES FOR THE PERIOD

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
FIELD CROPS			
Jhum Rice	Land Preparation/ sowing		❖ Make structures to avoid runoff in the slope, ❖ Sowing may be done ❖ Intercropping of leguminous crops (cowpea /frenchbean /soybean) at 2-3 rows across the slope in jhum field at desirable interval with rice advocated.
Sugarcane	Planting	Twermite	❖ Sugarcane sets may be planted during this week as there is sufficient soil moisture in the field.
Maize Land	preparation / sowing	Cut worm/ Army worm	❖ Apply well decomposed FYM @ 2.5t/ha + mixed compost 2.5 t/ha + 0.5t/ha neem cake and mix properly with soil 7-10 days before sowing. ❖ Apply dolomite @ 200 kg/ha in furrow before sowing. ❖ Seeds should be sown at 50 cm row to row and 20 cm plant to plant spacing, respectively. ❖ Take protection measure to save maize seedlings from birds. ❖ One hand weeding should be done after 20 days of sowing. ❖ Application of mixture of cow urine + water + neem oil (2 litre + 8 litre + 50ml) @ 100 ml/plant for management of cut worm. ❖ For management of Army worm spray spinosad @ 0.3 ml/litre. ❖ Proper drainage should be ensured.
VEGETABLES			
Okra	Sowing		❖ Procure quality seed from certified agency. ❖ Treat the seeds with Imidacloprid 17SL @ 1ml/litre/ kilogram seed before sowing. ❖ Sowing may be done ❖ Provide adequate drainage
HORTICULTURAL CROPS			
Large cardamom	Flowering		❖ Regular monitoring for pest and disease incidence. ❖ Shade management with the proper lopping of trees.
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages	Coccidiosis, Ranikhet disease	❖ 16 hrs of light (natural and electrical) should be provided to adult birds for optimum egg production. ❖ Frequent raking and liming of deep litter materials. ❖ Inclusion of turmeric powder @ 10g/kg feed for prevention of coccidiosis. ❖ Maintenance of brooder temperature for chicks with the help of electrical bulbs for initial one month. ❖ Ranikhet vaccination at 5th day and at 30th day of age.
Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795-226237/226247			



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ADVISORY FOR DISTRICT: UPPER SIANG

Weather summery of the previous week	Weather forecast valid up to 10 th April 2019
Rainfall: 2.4 mm	Partly/mostly cloudy with possibility of light rain after 7 th April. Daily maximum and minimum temperature for the following period is predicted to be 20.0-23.0°C and 11.0-13.0°C respectively. Expected morning and evening relative humidity will be 59-81% and 27-49% respectively. Wind direction is mainly SSE with average wind speed range of 4.0-9.0 kmph.
Warning:	•

GENERAL RECOMMENDATIONS			
<ul style="list-style-type: none">• Monitor for possible attack of insects/pests• Application of fertilizers/manure can be done during clear/dry days• Proper drainage to all crop to avoid runoff• Check of vaccination schedule in poultry/livestock			
DETAILS OF ADVISORIES FOR THE PERIOD			
Crop	Stage	Pest/Disease	Precautionary Practices to be followed
FIELD CROPS			
Jhum Rice	Land Preparation/ Sowing		<ul style="list-style-type: none">❖ Make structures to avoid runoff in the slope,❖ Sowing during clear/dry days❖ Intercropping of leguminous crops (cowpea /frenchbean /soybean) at 2-3 rows across the slope in jhum field at desirable interval with rice advocated.
Pea (late sown)	Seed development/ maturity	Powdery mildew/ leaf eating insects	<ul style="list-style-type: none">❖ Provide adequate drainage and avoid water stagnation near the base of the plants.❖ Need based foliar spray of Dinocap (0.2%) or Carbendazim 50WP (0.1%) or Propiconazole (0.1%) using sticker if the infestation is high.
VEGETABLES			
Tomato	Transplanting/ vegetative growth		<ul style="list-style-type: none">❖ Transplanting should be done under protected condition in small pits either in green house or rain shelter, if no option then in open condition.❖ Well decomposed FYM along with vermicompost should be added in pits❖ Spray COC @ 0.25% at 7-10 days interval for management of lateblight.❖ Proper drainage should be ensured.
Summer vegetables	Sowing		<ul style="list-style-type: none">❖ Sowing advocated during clear/dry days❖ Provide adequate drainage to already sown crops
HORTICULTURAL CROPS			
Kiwi	Pruning/Training		<ul style="list-style-type: none">❖ Diseased and senile branches should be removed.❖ Pruning should be done retaining 8-10 buds per branch for enhancing new flush and flowering.❖ Pruned healthy hard wood of pencil thickness size having 4-5 buds can be used as cutting for propagation
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Cattle	All stages		<ul style="list-style-type: none">❖ Balanced feeding of dairy animals and allow calf suckling immediately after parturition.❖ Full hand milking should be practiced.❖ Frequent incomplete milking at interval of 4hrs should be practiced after parturition for minimum 1 week. Afterwards complete milking in a day is recommended.
Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795-226237/226247			



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ADVISORY FOR DISTRICT: UPPER SUBANSIRI

Weather summery of the previous week	Weather forecast valid up to 10 th April 2019
Daporijo: NA	Mostly cloudy with possibility of light rain on 8 th & 10 th April. Daily maximum and minimum temperature for the following period is predicted to be 24.0-25.0°C and 17.0-19.0°C respectively. Expected morning and evening relative humidity will be 77-92% and 35-63% respectively. Wind direction is mainly WNW & NW with average wind speed range of 3.0 -7.0 kmph.
Warning:	•

GENERAL RECOMMENDATIONS

- Monitor for possible attack of insects/pests
- Application of fertilizers/manure can be done during clear/dry days
- Proper drainage to all crop to avoid runoff
- Check of vaccination schedule in poultry/livestock

DETAILS OF ADVISORIES FOR THE PERIOD

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
FIELD CROPS			
Jhum Rice	Land Preparation/ sowing		<ul style="list-style-type: none"> ❖ Make structures to avoid runoff in the slope, ❖ Sowing may be done ❖ Intercropping of leguminous crops (cowpea /frenchbean /soybean) at 2-3 rows across the slope in jhum field at desirable interval with rice advocated.
Sugarcane	Planting	Twermites	<ul style="list-style-type: none"> ❖ Sugarcane sets may be planted during this week as there is sufficient soil moisture in the field. ❖ Apply 5% Malathion dust @ 3 kg per bigha to avoid attack of termites before planting the sets.
Maize Land	preparation / sowing	Cut worm/ Army worm	<ul style="list-style-type: none"> ❖ Apply well decomposed FYM @ 2.5t/ha + mixed compost 2.5 t/ha + 0.5t/ha neem cake and mix properly with soil 7-10 days before sowing. ❖ Apply dolomite @ 200 kg/ha in furrow before sowing. ❖ Seeds should be sown at 50 cm row to row and 20 cm plant to plant spacing, respectively. ❖ Take protection measure to save maize seedlings from birds. ❖ One hand weeding should be done after 20 days of sowing. ❖ Application of mixture of cow urine + water + neem oil (2 litre + 8 litre + 50ml) @ 100 ml/plant for management of cut worm. ❖ For management of Army worm spray spinosad @ 0.3 ml/litre. ❖ Proper drainage should be ensured.
VEGETABLES			
Okra	Sowing		<ul style="list-style-type: none"> ❖ Procure quality seed from certified agency. ❖ Treat the seeds with Imidacloprid 17SL @ 1ml/litre/ kilogram seed before sowing. ❖ Sowing may be done ❖ Provide adequate drainage
HORTICULTURAL CROPS			
Large cardamom	Flowering		<ul style="list-style-type: none"> ❖ Regular monitoring for pest and disease incidence. ❖ Shade management with the proper lopping of trees.
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages	Coccidiosis, Ranikhet disease	<ul style="list-style-type: none"> ❖ 16 hrs of light (natural and electrical) should be provided to adult birds for optimum egg production. ❖ Frequent raking and liming of deep litter materials. ❖ Inclusion of turmeric powder @ 10g/kg feed for prevention of coccidiosis. ❖ Maintenance of brooder temperature for chicks with the help of electrical bulbs for initial one month. ❖ Ranikhet vaccination at 5th day and at 30th day of age.
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ADVISORY FOR DISTRICT: WEST KAMENG

Weather summery of the previous week	Weather forecast valid up to 10 th April 2019
Rainfall = Bomdila: NA ; Bhalukpong: 0.0 mm; Kalaktang: 0.0 mm	Mostly cloudy with possibility of light rain. Daily maximum and minimum temperature for the following period is predicted to be 20.0-21.0°C and 10.0-11.0°C respectively. Expected morning and evening relative humidity will be 73-81% and 39-52% respectively. Wind direction is mainly variable wind speed range of 3.0-7.0 kmph.
Warning:	•

GENERAL RECOMMENDATIONS			
<ul style="list-style-type: none">• Monitor for possible attack of insects/pests• Application of fertilizers/manure can be done during clear/dry days• Proper drainage to all crop to avoid runoff• Check of vaccination schedule in poultry/livestock			
DETAILS OF ADVISORIES FOR THE PERIOD			
Crop	Stage	Pest/Disease	Precautionary Practices to be followed
FIELD CROPS			
Jhum Rice	Land Preparation/ Sowing		<ul style="list-style-type: none">❖ Make structures to avoid runoff in the slope,❖ Sowing during clear/dry days❖ Intercropping of leguminous crops (cowpea /frenchbean /soybean) at 2-3 rows across the slope in jhum field at desirable interval with rice advocated.
Pea (late sown)	Seed development/ maturity	Powdery mildew/ leaf eating insects	<ul style="list-style-type: none">❖ Provide adequate drainage and avoid water stagnation near the base of the plants.❖ Need based foliar spray of Dinocap (0.2%) or Carbendazim 50WP (0.1%) or Propiconazole (0.1%) using sticker if the infestation is high.
VEGETABLES			
Tomato	Transplanting/ vegetative growth		<ul style="list-style-type: none">❖ Transplanting should be done under protected condition in small pits either in green house or rain shelter, if no option then in open condition.❖ Well decomposed FYM along with vermicompost should be added in pits❖ Spray COC @ 0.25% at 7-10 days interval for management of lateblight.❖ Proper drainage should be ensured.
Summer vegetables	Sowing		<ul style="list-style-type: none">❖ Sowing advocated during clear/dry days❖ Provide adequate drainage to already sown crops
HORTICULTURAL CROPS			
Kiwi	Pruning/Training		<ul style="list-style-type: none">❖ Diseased and senile branches should be removed.❖ Pruning should be done retaining 8-10 buds per branch for enhancing new flush and flowering.❖ Pruned healthy hard wood of pencil thickness size having 4-5 buds can be used as cutting for propagation
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Cattle	All stages		<ul style="list-style-type: none">❖ Balanced feeding of dairy animals and allow calf suckling immediately after parturition.❖ Full hand milking should be practiced.❖ Frequent incomplete milking at interval of 4hrs should be practiced after parturition for minimum 1 week. Afterwards complete milking in a day is recommended.
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ADVISORY FOR DISTRICT: WEST SIANG

{Basar: Latitude: 27°59.53/Longitude: 94.41.269/Altitude: 616 amsl}

Weather summery of the previous week	Weather forecast valid up to 10 th April 2019
Rainfall: 0.0 mm, Max. T: 24.0°C, Min. T: 13.4°C, Wind Speed: 4-6 km/h, RH: 52-96%, Wind Direction: ENE & ESE	Partly/mostly cloudy with possibility of light rain after 7 th April. Daily maximum and minimum temperature for the following period is predicted to be 24.0-25.0°C and 17.0-19.0°C respectively. Expected morning and evening relative humidity will be 70-92% and 31-62% respectively. Wind direction is mainly WNW & W with average wind speed range of 5.0-7.0 kmph.
Warning:	

GENERAL RECOMMENDATIONS

- Monitor for possible attack of insects/pests
- Application of fertilizers/manure can be done during clear/dry days
- Proper drainage to all crop to avoid runoff
- Check of vaccination schedule in poultry/livestock

DETAILS OF ADVISORIES FOR THE PERIOD

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
FIELD CROPS			
Jhum Rice	Land Preparation/ sowing		❖ Make structures to avoid runoff in the slope, ❖ Sowing may be done ❖ Intercropping of leguminous crops (cowpea /frenchbean /soybean) at 2-3 rows across the slope in jhum field at desirable interval with rice advocated.
Sugarcane	Planting	Twermite	❖ Sugarcane sets may be planted during this week as there is sufficient soil moisture in the field. ❖ Apply 5% Malathion dust @ 3 kg per bigha to avoid attack of termites before planting the sets.
Maize Land	preparation / sowing	Cut worm/ Army worm	❖ Apply well decomposed FYM @ 2.5t/ha + mixed compost 2.5 t/ha + 0.5t/ha neem cake and mix properly with soil 7-10 days before sowing. ❖ Apply dolomite @ 200 kg/ha in furrow before sowing. ❖ Seeds should be sown at 50 cm row to row and 20 cm plant to plant spacing, respectively. ❖ Take protection measure to save maize seedlings from birds. ❖ One hand weeding should be done after 20 days of sowing. ❖ Application of mixture of cow urine + water + neem oil (2 litre + 8 litre + 50ml) @ 100 ml/plant for management of cut worm. ❖ For management of Army worm spray spinosad @ 0.3 ml/litre. ❖ Proper drainage should be ensured.
VEGETABLES			
Okra	Sowing		❖ Procure quality seed from certified agency. ❖ Treat the seeds with Imidacloprid 17SL @ 1ml/litre/ kilogram seed before sowing. ❖ Sowing may be done ❖ Provide adequate drainage
HORTICULTURAL CROPS			
Large cardamom	Flowering		❖ Regular monitoring for pest and disease incidence. ❖ Shade management with the proper lopping of trees.
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages	Coccidiosis, Ranikhet disease	❖ 16 hrs of light (natural and electrical) should be provided to adult birds for optimum egg production. ❖ Frequent raking and liming of deep litter materials. ❖ Inclusion of turmeric powder @ 10g/kg feed for prevention of coccidiosis. ❖ Maintenance of brooder temperature for chicks with the help of electrical bulbs for initial one month. ❖ Ranikhet vaccination at 5th day and at 30th day of age.
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ADVISORY FOR DISTRICT: ANJAW

{Hawai: Latitude: 28.2179994/ Longitude: 94.7277528/Altitude: 1296 m amsl}

Weather summery of the previous week	Weather forecast valid up to 10 th April 2019
No weather summary available	Partly cloudy with possibility of light rain on 8th & 10th April. Daily maximum and minimum temperature for the following period is predicted to be 20.0-22.0°C and 12.0-14.0°C respectively. Expected morning and evening relative humidity will be 59-77% and 23-51% respectively. Wind direction is mainly E & ESE with average wind speed range of 5.0-10.0 kmph.
Warning:	❖

GENERAL RECOMMENDATIONS

- ❖ Monitor for possible attack of insects/pests
- ❖ Application of fertilizers/manure can be done during clear/dry days
- ❖ Proper drainage to all crop to avoid runoff
- ❖ Check of vaccination schedule in poultry/livestock

DETAILS OF ADVISORIES FOR THE PERIOD

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
FIELD CROPS			
Jhum Rice	Land Preparation/ Sowing		<ul style="list-style-type: none">❖ Make structures to avoid runoff in the slope,❖ Sowing during clear/dry days❖ Intercropping of leguminous crops (cowpea /frenchbean /soybean) at 2-3 rows across the slope in jhum field at desirable interval with rice advocated.
Pea (late sown)	Seed development/ maturity	Powdery mildew/ leaf eating insects	<ul style="list-style-type: none">❖ Provide adequate drainage and avoid water stagnation near the base of the plants.❖ Need based foliar spray of Dinocap (0.2%) or Carbendazim 50WP (0.1%) or Propiconazole (0.1%) using sticker if the infestation is high.
VEGETABLES			
Tomato	Transplanting/ vegetative growth		<ul style="list-style-type: none">❖ Transplanting should be done under protected condition in small pits either in green house or rain shelter, if no option then in open condition.❖ Well decomposed FYM along with vermicompost should be added in pits❖ Spray COC @ 0.25% at 7-10 days interval for management of lateblight.❖ Proper drainage should be ensured.
Summer vegetables	Sowing		<ul style="list-style-type: none">❖ Sowing advocated during clear/dry days❖ Provide adequate drainage to already sown crops
HORTICULTURAL CROPS			
Kiwi	Pruning/Training		<ul style="list-style-type: none">❖ Diseased and senile branches should be removed.❖ Pruning should be done retaining 8-10 buds per branch for enhancing new flush and flowering.❖ Pruned healthy hard wood of pencil thickness size having 4-5 buds can be used as cutting for propagation
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Cattle	All stages		<ul style="list-style-type: none">❖ Balanced feeding of dairy animals and allow calf suckling immediately after parturition.❖ Full hand milking should be practiced.❖ Frequent incomplete milking at interval of 4hrs should be practiced after parturition for minimum 1 week. Afterwards complete milking in a day is recommended.
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ADVISORY FOR DISTRICT: CHANGLANG

{Changlang (HQ): Latitude: 27.1305856/Longitude: 95.7342373/Altitude: 580 masl}

Weather summery of the previous week	Weather forecast valid up to 10 th April 2019
Rainfall = Changlang: 28.4 mm Miao: 24.6 mm	Partly/mostly cloudy with possibility of light/moderate rain. Daily maximum and minimum temperature for the following period is predicted to be 26.0-27.0°C and 17.0-19.0°C respectively. Expected morning and evening relative humidity will be 84-94% and 54-72% respectively. Wind direction is mainly variable with average wind speed range of 2.0-4.0 kmph.

Warning:

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GENERAL RECOMMENDATIONS

- Monitor for possible attack of insects/pests
- Application of fertilizers/manure can be done during clear/dry days
- Proper drainage to all crop to avoid runoff
- Check of vaccination schedule in poultry/livestock

DETAILS OF ADVISORIES FOR THE PERIOD

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
FIELD CROPS			
Jhum Rice	Land Preparation/ sowing		<ul style="list-style-type: none">❖ Make structures to avoid runoff in the slope,❖ Sowing may be done❖ Intercropping of leguminous crops (cowpea /frenchbean /soybean) at 2-3 rows across the slope in jhum field at desirable interval with rice advocated.
Maize Land	preparation / sowing	Cut worm/ Army worm	<ul style="list-style-type: none">❖ Apply well decomposed FYM @ 2.5t/ha + mixed compost 2.5 t/ha + 0.5t/ha neem cake and mix properly with soil 7-10 days before sowing.❖ Apply dolomite @ 200 kg/ha in furrow before sowing.❖ Seeds should be sown at 50 cm row to row and 20 cm plant to plant spacing, respectively.❖ Take protection measure to save maize seedlings from birds.❖ One hand weeding should be done after 20 days of sowing.❖ Application of mixture of cow urine + water + neem oil (2 litre + 8 litre + 50ml) @ 100 ml/plant for management of cut worm.❖ For management of Army worm spray spinosad @ 0.3 ml/litre.❖ Proper drainage should be ensured.
VEGETABLES			
Okra	Sowing		<ul style="list-style-type: none">❖ Procure quality seed from certified agency.❖ Treat the seeds with Imidacloprid 17SL @ 1ml/litre/ kilogram seed before sowing.❖ Sowing may be done❖ Provide adequate drainage
HORTICULTURAL CROPS			
Large cardamom	Flowering		<ul style="list-style-type: none">❖ Regular monitoring for pest and disease incidence.❖ Shade management with the proper lopping of trees.
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages	Coccidiosis, Ranikhet disease	<ul style="list-style-type: none">❖ 16 hrs of light (natural and electrical) should be provided to adult birds for optimum egg production.❖ Frequent raking and liming of deep litter materials.❖ Inclusion of turmeric powder @ 10g/kg feed for prevention of coccidiosis.❖ Maintenance of brooder temperature for chicks with the help of electrical bulbs for initial one month.❖ Ranikhet vaccination at 5th day and at 30th day of age.
Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795-226237/226247			