



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



(Period: 31st October to 4th November, 2018)

No: AMFU-Basar/2018/87

Dated: Tue, 30th October, 2018



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

ADVISORY FOR DISTRICT: ANJAW

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

Weather summary of the previous week	Weather forecast valid up to 4 th November 2018
No weather summary available	Generally clear/dry weather forecasted. Daily maximum and minimum temperature for the following period is predicted to be 24-25°C and 12-13°C respectively. Expected morning and evening relative humidity will be 70-85% and 19-28% respectively. Wind direction is mainly ESE with average wind speed range of 6-8 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			
Pea	Sowing		<ul style="list-style-type: none"> ❖ Right time for sowing ❖ Treat pea with rhizobium@2gm/kg seed before sowing
Maize	CRI or tasseling stage/ Harvesting	Rat	<ul style="list-style-type: none"> ❖ Maintain adequate moisture level in the field where crop is in CRI stage or in tasseling stage. ❖ Harvest mature cobs and dry properly before storing ❖ Use locally available traps to control rats menace
Rice	Milking/seed formation	Gundhi bug/leaf folder	<ul style="list-style-type: none"> ❖ Maintain at least 5 mm water level in the rice field where crop is in grain filling stage or at tillering stage. ❖ Weeding is advised to ward off the alternate host of gundhi bug ❖ Install local trap of dead frog/fermented fish etc against gundhi bug in rice or spray triazophos/chloripyriphos@1-2ml/lit. ❖ Need based spray of Flubendiamide 3.5% + Hexaconazole 5% @ 2ml/lit against rice skipper & leaf folder using sticker
VEGETABLES			
Rabi vegetables	Nursery		<ul style="list-style-type: none"> ❖ In present weather conditions, nursery sowing of hybrid tomato, cauliflower and cabbage may be done. ❖ The seeds should be sown on raised beds (15-20 cm) after treating seeds with <i>Trichoderma</i> @ 10 g/kg or with Captan/Thiram @ 2-3 g/kg seeds. ❖ After sowing the seeds in the nursery, cover it with mixture of well rotten compost + friable soil + sand (2:1:1) and mulch with paddy straw / dried leaves. ❖ Weeding of the standing crop may be done, ❖ Monitoring of standing crops against attack of insect pests and diseases.
HORTICULTURAL CROPS			
Banana	Fruiting/ Ripening	Scary beetle	<ul style="list-style-type: none"> ❖ To control scary beetle – application of Malathion dust @ 0.5% is advised, ❖ Cover bunches with banana bunch covers or sacks or locally available materials to protect against sunscald, birds and insects.
Large Cardamom	Flowering stage	Chirkey Disease (fungal inection) & Chirke and Foorkey (virus infection)	<ul style="list-style-type: none"> ❖ Mulching with locally available materials like dry grass/paddy straw recommended ❖ Remove diseased part & keep inflorescence clean. ❖ Uproot & burn virus infected plants
Ginger/Turmeric	Seedling		<ul style="list-style-type: none"> ❖ Mulching with locally available materials like dry grass/paddy straw recommended
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Pig	Piglet		<ul style="list-style-type: none"> ❖ Provide adequate bedding material (paddy straw, rice husk) to newly born piglets
Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795-226237/226247			



Block Level Experimental Agro-met Advisory Bulletin

(Period: 31st October to 4th November, 2018)

No: AMFU-Basar/2018/40

Dated: Tuesday, 30th October, 2018



Gramin Krishi Mausam Sewa

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

ADVISORY FOR BLOCK: BASAR

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

Weather summery of the previous week	Weather forecast valid up to 4 th November 2018
Rainfall: 0.0 mm, Max. T: 26.7 °C, Min. T: 11.8°C, Wind Speed: 3-7 km/h, RH: 61-91%, Wind Direction: WNW	Generally clear/dry weather forecasted. Daily maximum and minimum temperature for the following period is predicted to be 28-31°C and 17-18°C respectively. Expected morning and evening relative humidity will be 47-81% and 16-36% respectively. Wind direction is mainly NNW with average wind speed range of 4-5 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			
Pea	Sowing		<ul style="list-style-type: none">• Treat pea with rhizobium@2gm/kg seed before sowing
Maize	CRI or tasseling stage/ Harvesting	Rat	<ul style="list-style-type: none">• Maintain adequate moisture level in the field where crop is in CRI stage or in tasseling stage.• Harvest mature cobs and dry properly before storing• Use locally available traps to control rats menace
Rice	Dough Grain filling stage	Gundhi bug	<ul style="list-style-type: none">• Monitor crop against attack of gundhi bug,• Weeding is advised to ward off the alternate host of gundhi bug• Install local trap of dead frog/fermented fish etc against gundhi bug in rice or spray triazophos/chloripyriphos@1-2ml/lit.• Need based spray of Flubendiamide 3.5% + Hexaconazole 5% @ 2ml/lit against rice skipper & leaf folder using sticker
VEGETABLES			
Rabi vegetables	Nursery		<ul style="list-style-type: none">• In present weather conditions, nursery sowing of hybrid tomato, cauliflower and cabbage may be done.• The seeds should be sown on raised beds (15-20 cm) after treating seeds with <u>Trichoderma</u> @ 10 g/kg or with Captan/Thiram @ 2-3 g/kg seeds.• After sowing the seeds in the nursery, cover it with mixture of well rotten compost + friable soil + sand (2:1:1) and mulch with paddy straw / dried leaves.• Weeding of the standing crop may be done,• Monitoring of standing crops against attack of insect pests and diseases.
HORTICULTURAL CROPS			
Banana	Fruiting/ Ripening	Scary beetle	<ul style="list-style-type: none">• To control scary beetle – application of Malathion dust @ 0.5% is advised,• Cover bunches with banana bunch covers or sacks or locally available materials to protect against sunscald, birds and insects.
Large Cardamom	Flowering stage	Chirkey Disease (fungal inection) & Chirke and Foorkey (virus infection)	<ul style="list-style-type: none">• Mulching with locally available materials like dry grass/paddy straw recommended• Remove diseased part & keep inflorescence clean.• Uproot & burn virus infected plants
Ginger/Turmeric	Seedling		<ul style="list-style-type: none">• Mulching with locally available materials like dry grass/paddy straw recommended
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Pig	Piglet		❖ Provide adequate bedding material (paddy straw, rice husk) to newly born piglets

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: CHANGLANG

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

Weather summery of the previous week	Weather forecast valid up to 4 th November 2018
Rainfall = Changlang: NA Miao: 0.0 mm	Generally clear/dry weather forecasted. Daily maximum and minimum temperature for the following period is predicted to be 30-31°C and 18-19°C respectively. Expected morning and evening relative humidity will be 90-99% and 40-47% respectively. Wind direction is mainly SE & SSE with average wind speed range of 4 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			
Rice	Dough Grain filling stage and Maturing stage.	Gundhi bug/	<ul style="list-style-type: none">❖ In view of clear weather conditions for the next five days harvesting of mature timely sown rice may be done in the present weather conditions followed by threshing and drying of grains,❖ Those crop which are in flowering and grain filling stage, protection of crop from Gundhi bug should be done using dead frog/fish trap,❖ Rat management should be prioritized,
Groundnut	Pegging	Leaf Spot/tikka disease	<ul style="list-style-type: none">❖ On sunny day, spray carbendazim/Mancozeb @ 1-2 ml/lit of water❖ Do not disturb the soil structure by spading/hoeing in the field.❖ Hand weeding with care is recommended.
Pulses	Flowering	Blister beetle	<ul style="list-style-type: none">❖ Go for manual picking of Blister beetle without delay because the incidence of the pest during flowering stage cause huge lose in harvest
VEGETABLES			
Potato	Field preparation/sowing	Red Ants/Cutworm	<ul style="list-style-type: none">❖ Farmers are advised to prepare field for sowing of potato,❖ Seed treatment-Cut pieces of potato should be dipped in Diethane M-45 @ 2 grams per litre of water for ½ hours before sowing,❖ Red Ants: - Drenching with Chlorpyriphos @ 2 ml per litre of water,❖ Normal weight of potato-25-30 grams❖ Spacing:- 45 X 45 cm Row to Row, 20 X 20 cm Plant to Plant
HORTICULTURAL CROPS			
Pineapple	Sowing		<ul style="list-style-type: none">• Clean the vicinity of plants by weeding and loosen up the soil.• Remove sly and use it as a new planting material.• Sucker dipping treatment with Bavistin @ 3g + Chlorpyriphos 20EC@ 2ml/lit of water to protect against soil borne disease and insect.
Guava	Fruit Development	Fruit fly	<ul style="list-style-type: none">• Basin cleaning and manuring• Install fruit fly pheromone traps for collection and destruction of the adult insects
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Pigs	All stages	FMD (high fever and appearance of mucous membrane of the mouth and foot.) Swine Fever	<ul style="list-style-type: none">• Animals to be housed in dry place or kept in alleviated area and dry bedding (straw) to be provided to young animals,• 1st injection at 6 months of age and 2nd injection at 12 months of age followed by annual vaccination under vet supervision against FMD• In present weather conditions vaccinate against swine fever (Vaccines available in State Veterinary Depts),
Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795-226237/226247			



ब्लॉक स्तर प्रयोगात्मक कृषि मौसम सलाहकार सेवा पत्रिका

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Gramin Krishi Mausam Sewa

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

ADVISORY FOR BLOCK: DARING

{Latitude: 28°11.651'/ Longitude: 94°45.712'/Altitude: 350-450 amsl}

Weather summery of the previous week	Weather forecast valid up to 4 th November 2018
NA	Generally clear/dry weather forecasted. Daily maximum and minimum temperature for the following period is predicted to be 28-31°C and 16-18°C respectively. Expected morning and evening relative humidity will be 50-82% and 17-35% respectively. Wind direction is mainly NNW with average wind speed range of 4 kmph.
Warning:	<ul style="list-style-type: none">

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			
Rice	Dough Grain filling stage and Maturing stage.	Gundhi bug/	<ul style="list-style-type: none">In view of clear weather conditions for the next five days harvesting of mature timely sown rice may be done in the present weather conditions followed by threshing and drying of grains,Those crop which are in flowering and grain filling stage, protection of crop from Gundhi bug should be done using dead frog/fish trap,Rat management should be priotized,
Groundnut	Pegging	Leaf Spot/tikka disease	<ul style="list-style-type: none">On sunny day, spray carbendazim/Mancozeb @ 1-2 ml/lit of waterDo not disturb the soil structure by spading/hoeing in the field.Hand weeding with care is recommended.
Pulses	Flowering	Blister beetle	<ul style="list-style-type: none">Go for manual picking of Blister beetle without delay because the incidence of the pest during flowering stage cause huge lose in harvest
VEGETABLES			
Potato	Field preparation/ sowing	Red Ants/ Cutworm	<ul style="list-style-type: none">Farmers are advised to prepare field for sowing of potato,Seed treatment-Cut pieces of potato should be dipped in Diethane M-45 @ 2 grams per litre of water for ½ hours before sowing,Red Ants: - Drenching with Chlorpyriphos @ 2 ml per litre of water,Normal weight of potato-25-30 gramsSpacing:- 45 X 45 cm Row to Row, 20 X 20 cm Plant to Plant
HORTICULTURAL CROPS			
Pineapple	Sowing		<ul style="list-style-type: none">Clean the vicinity of plants by weeding and loosen up the soil.Remove sly and use it as a new planting material.Sucker dipping treatment with Bavistin @ 3g + Chlorpyriphos 20EC@ 2ml/lit of water to protect against soil borne disease and insect.
Guava	Fruit Development	Fruit fly	<ul style="list-style-type: none">Basin cleaning and manuringInstall fruit fly pheromone traps for collection and destruction of the adult insects
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Pigs	All stages	FMD (high fever and appearance of mucous membrane of the mouth and foot.) Swine Fever	<ul style="list-style-type: none">Animals to be housed in dry place or kept in alleviated area and dry bedding (straw) to be provided to young animals,1st injection at 6 months of age and 2nd injection at 12 months of age followed by annual vaccination under vet supervision against FMDIn present weather conditions vaccinate against swine fever (Vaccines available in State Veterinary Depts),
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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 summary of the previous week	Weather forecast valid up to 4 th November 2018
Rainfall = 0.0 mm	Generally clear/dry weather forecasted. Daily maximum and minimum temperature for the following period is predicted to be 24-25°C and 12-13°C respectively. Expected morning and evening relative humidity will be 59-83% and 13-30% respectively. Wind direction is mainly SE & ESE with average wind speed range of 6-8 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			
Pea	Sowing		<ul style="list-style-type: none">• Right time for sowing• Treat pea with rhizobium@2gm/kg seed before sowing
Maize	CRI or tasseling stage/ Harvesting	Rat	<ul style="list-style-type: none">• Maintain adequate moisture level in the field where crop is in CRI stage or in tasseling stage.• Harvest mature cobs and dry properly before storing• Use locally available traps to control rats menace
Rice	Milking/seed formation	Gundhi bug/leaf folder	<ul style="list-style-type: none">• Maintain at least 5 mm water level in the rice field where crop is in grain filling stage or at tillering stage.• Weeding is advised to ward off the alternate host of gundhi bug• Install local trap of dead frog/fermented fish etc against gundhi bug in rice or spray triazophos/chloripyriphos@1-2ml/lit.• Need based spray of Flubendiamide 3.5% + Hexaconazole 5% @ 2ml/lit against rice skipper & leaf folder using sticker
VEGETABLES			
Rabi vegetables	Nursery		<ul style="list-style-type: none">• <u>In present weather conditions, nursery sowing of hybrid tomato, cauliflower and cabbage may be done.</u>• <u>The seeds should be sown on raised beds (15-20 cm) after treating seeds with <i>Trichoderma</i> @ 10 g/kg or with Captan/Thiram @ 2-3 g/kg seeds.</u>• <u>After sowing the seeds in the nursery, cover it with mixture of well rotten compost + friable soil + sand (2:1:1) and mulch with paddy straw / dried leaves.</u>• Weeding of the standing crop may be done,• Monitoring of standing crops against attack of insect pests and diseases.
HORTICULTURAL CROPS			
Banana	Fruiting/ Ripening	Scary beetle	<ul style="list-style-type: none">• To control scary beetle – application of Malathion dust @ 0.5% is advised,• Cover bunches with banana bunch covers or sacks or locally available materials to protect against sunscald, birds and insects.
Large Cardamom	Flowering stage	Chirkey Disease (fungal inection) & Chirke and Foorkey (virus infection)	<ul style="list-style-type: none">• Mulching with locally available materials like dry grass/paddy straw recommended• Remove diseased part & keep inflorescence clean.• Uproot & burn virus infected plants
Ginger/Turmeric	Seedling		<ul style="list-style-type: none">• Mulching with locally available materials like dry grass/paddy straw recommended
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Pig	Piglet		❖ Provide adequate bedding material (paddy straw, rice husk) to newly born piglets

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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 4 th November 2018
Rainfall = 0.0 mm	Generally clear/dry weather forecasted. Daily maximum and minimum temperature for the following period is predicted to be 30°C and 16-18°C respectively. Expected morning and evening relative humidity will be 77-94% and 18-41% respectively. Wind direction is mainly SSW with average wind speed range of 5-6 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			
Rice	Dough Grain filling stage and Maturing stage.	Gundhi bug/	<ul style="list-style-type: none">❖ In view of clear weather conditions for the next five days harvesting of mature timely sown rice may be done in the present weather conditions followed by threshing and drying of grains,❖ Those crop which are in flowering and grain filling stage, protection of crop from Gundhi bug should be done using dead frog/fish trap,❖ Rat management should be prioritized,
Groundnut	Pegging	Leaf Spot/tikka disease	<ul style="list-style-type: none">❖ On sunny day, spray carbendazim/Mancozeb @ 1-2 ml/lit of water❖ Do not disturb the soil structure by spading/hoeing in the field.❖ Hand weeding with care is recommended.
Pulses	Flowering	Blister beetle	<ul style="list-style-type: none">❖ Go for manual picking of Blister beetle without delay because the incidence of the pest during flowering stage cause huge lose in harvest
VEGETABLES			
Potato	Field preparation/sowing	Red Ants/Cutworm	<ul style="list-style-type: none">❖ Farmers are advised to prepare field for sowing of potato,❖ Seed treatment-Cut pieces of potato should be dipped in Diethane M-45 @ 2 grams per litre of water for ½ hours before sowing,❖ Red Ants: - Drenching with Chlorpyrifos @ 2 ml per litre of water,❖ Normal weight of potato-25-30 grams❖ Spacing:- 45 X 45 cm Row to Row, 20 X 20 cm Plant to Plant
HORTICULTURAL CROPS			
Pineapple	Sowing		<ul style="list-style-type: none">• Clean the vicinity of plants by weeding and loosen up the soil.• Remove sly and use it as a new planting material.• Sucker dipping treatment with Bavistin @ 3g + Chlorpyrifos 20EC@ 2ml/lit of water to protect against soil borne disease and insect.
Guava	Fruit Development	Fruit fly	<ul style="list-style-type: none">• Basin cleaning and manuring• Install fruit fly pheromone traps for collection and destruction of the adult insects
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Pigs	All stages	FMD (high fever and appearance of mucous membrane of the mouth and foot.) Swine Fever	<ul style="list-style-type: none">• Animals to be housed in dry place or kept in alleviated area and dry bedding (straw) to be provided to young animals,• 1st injection at 6 months of age and 2nd injection at 12 months of age followed by annual vaccination under vet supervision against FMD• In present weather conditions vaccinate against swine fever (Vaccines available in State Veterinary Depts),
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: EAST SIANG

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

Weather summary of the previous week	Weather forecast valid up to 4 th November 2018
Rainfall: 0.0 mm; T. Max: 31.0°C; T. Min: 19.0°C ; RH: 60-75%	Generally clear/dry weather forecasted. Daily maximum and minimum temperature for the following period is predicted to be 30-31°C and 17-19°C respectively. Expected morning and evening relative humidity will be 61-86% and 14-27% respectively. Wind direction is mainly SW & SSW with average wind speed range of 5-6 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			
Rice	Dough Grain filling stage and Maturing stage.	Gundhi bug/	<ul style="list-style-type: none">❖ In view of clear weather conditions for the next five days harvesting of mature timely sown rice may be done in the present weather conditions followed by threshing and drying of grains,❖ Those crop which are in flowering and grain filling stage, protection of crop from Gundhi bug should be done using dead frog/fish trap,❖ Rat management should be prioritized,
Groundnut	Pegging	Leaf Spot/tikka disease	<ul style="list-style-type: none">❖ On sunny day, spray carbendazim/Mancozeb @ 1-2 ml/lit of water❖ Do not disturb the soil structure by spading/hoeing in the field.❖ Hand weeding with care is recommended.
Pulses	Flowering	Blister beetle	<ul style="list-style-type: none">❖ Go for manual picking of Blister beetle without delay because the incidence of the pest during flowering stage cause huge lose in harvest
VEGETABLES			
Potato	Field preparation/sowing	Red Ants/Cutworm	<ul style="list-style-type: none">❖ Farmers are advised to prepare field for sowing of potato,❖ Seed treatment-Cut pieces of potato should be dipped in Diethane M-45 @ 2 grams per litre of water for ½ hours before sowing,❖ Red Ants: - Drenching with Chlorpyriphos @ 2 ml per litre of water,❖ Normal weight of potato-25-30 grams❖ Spacing:- 45 X 45 cm Row to Row, 20 X 20 cm Plant to Plant
HORTICULTURAL CROPS			
Pineapple	Sowing		<ul style="list-style-type: none">• Clean the vicinity of plants by weeding and loosen up the soil.• Remove sly and use it as a new planting material.• Sucker dipping treatment with Bavistin @ 3g + Chlorpyriphos 20EC @ 2ml/lit of water to protect against soil borne disease and insect.
Guava	Fruit Development	Fruit fly	<ul style="list-style-type: none">• Basin cleaning and manuring• Install fruit fly pheromone traps for collection and destruction of the adult insects
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Pigs	All stages	FMD (high fever and appearance of mucous membrane of the mouth and foot.) Swine Fever	<ul style="list-style-type: none">• Animals to be housed in dry place or kept in alleviated area and dry bedding (straw) to be provided to young animals,• 1st injection at 6 months of age and 2nd injection at 12 months of age followed by annual vaccination under vet supervision against FMD• In present weather conditions vaccinate against swine fever (Vaccines available in State Veterinary Depts),
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ADVISORY FOR BLOCK: GENSI

{Latitude: 27°48.044' / Longitude: 94°43.409' / Altitude: 750-850 amsl}

Weather summery of the previous week	Weather forecast valid up to 4 th November 2018
NA	Generally clear/dry weather forecasted. Daily maximum and minimum temperature for the following period is predicted to be 29-32°C and 16-18°C respectively. Expected morning and evening relative humidity will be 54-80% and 21-36% respectively. Wind direction is mainly NNW with average wind speed range of 4-5 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			
Pea	Sowing		<ul style="list-style-type: none">• Treat pea with rhizobium@2gm/kg seed before sowing
Maize	CRI or tasseling stage/ Harvesting	Rat	<ul style="list-style-type: none">• Maintain adequate moisture level in the field where crop is in CRI stage or in tasseling stage.• Harvest mature cobs and dry properly before storing• Use locally available traps to control rats menace
Rice	Dough Grain filling stage	Gundhi bug	<ul style="list-style-type: none">• Monitor crop against attack of gundhi bug,• Weeding is advised to ward off the alternate host of gundhi bug• Install local trap of dead frog/fermented fish etc against gundhi bug in rice or spray triazophos/chloripyriphos@1-2ml/lit.• Need based spray of Flubendiamide 3.5% + Hexaconazole 5% @ 2ml/lit against rice skipper & leaf folder using sticker
VEGETABLES			
Rabi vegetables	Nursery		<ul style="list-style-type: none">• In present weather conditions, nursery sowing of hybrid tomato, cauliflower and cabbage may be done.• The seeds should be sown on raised beds (15-20 cm) after treating seeds with <u>Trichoderma</u> @ 10 g/kg or with Captan/Thiram @ 2-3 g/kg seeds.• After sowing the seeds in the nursery, cover it with mixture of well rotten compost + friable soil + sand (2:1:1) and mulch with paddy straw / dried leaves.• Weeding of the standing crop may be done,• Monitoring of standing crops against attack of insect pests and diseases.
HORTICULTURAL CROPS			
Banana	Fruiting/ Ripening	Scary beetle	<ul style="list-style-type: none">• To control scary beetle – application of Malathion dust @ 0.5% is advised,• Cover bunches with banana bunch covers or sacks or locally available materials to protect against sunscald, birds and insects.
Large Cardamom	Flowering stage	Chirkey Disease (fungal inection) & Chirke and Foorkey (virus infection)	<ul style="list-style-type: none">• Mulching with locally available materials like dry grass/paddy straw recommended• Remove diseased part & keep inflorescence clean.• Uproot & burn virus infected plants
Ginger/Turmeric	Seedling		<ul style="list-style-type: none">• Mulching with locally available materials like dry grass/paddy straw recommended
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Pig	Piglet		❖ Provide adequate bedding material (paddy straw, rice husk) to newly born piglets
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/2018/87

Dated: Tue, 30th October, 2018



Gramin Krishi Mausam Sewa
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 4 th November 2018
Rainfall (Koloriang): 0.0 mm	Generally clear/dry weather forecasted. Daily maximum and minimum temperature for the following period is predicted to be 24-25°C and 12-13°C respectively. Expected morning and evening relative humidity will be 63-81% and 17-41% respectively. Wind direction is mainly WSW with average wind speed range of 5-6 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			
Pea	Sowing		<ul style="list-style-type: none">• Right time for sowing• Treat pea with rhizobium@2gm/kg seed before sowing
Maize	CRI or tasseling stage/ Harvesting	Rat	<ul style="list-style-type: none">• Maintain adequate moisture level in the field where crop is in CRI stage or in tasseling stage.• Harvest mature cobs and dry properly before storing• Use locally available traps to control rats menace
Rice	Milking/seed formation	Gundhi bug/leaf folder	<ul style="list-style-type: none">• Maintain at least 5 mm water level in the rice field where crop is in grain filling stage or at tillering stage.• Weeding is advised to ward off the alternate host of gundhi bug• Install local trap of dead frog/fermented fish etc against gundhi bug in rice or spray triazophos/chloripyriphos@1-2ml/lit.• Need based spray of Flubendiamide 3.5% + Hexaconazole 5% @ 2ml/lit against rice skipper & leaf folder using sticker
VEGETABLES			
Rabi vegetables	Nursery		<ul style="list-style-type: none">• <u>In present weather conditions, nursery sowing of hybrid tomato, cauliflower and cabbage may be done.</u>• <u>The seeds should be sown on raised beds (15-20 cm) after treating seeds with <i>Trichoderma</i> @ 10 g/kg or with Captan/Thiram @ 2-3 g/kg seeds.</u>• <u>After sowing the seeds in the nursery, cover it with mixture of well rotten compost + friable soil + sand (2:1:1) and mulch with paddy straw / dried leaves.</u>• Weeding of the standing crop may be done,• Monitoring of standing crops against attack of insect pests and diseases.
HORTICULTURAL CROPS			
Banana	Fruiting/ Ripening	Scary beetle	<ul style="list-style-type: none">• To control scary beetle – application of Malathion dust @ 0.5% is advised,• Cover bunches with banana bunch covers or sacks or locally available materials to protect against sunscald, birds and insects.
Large Cardamom	Flowering stage	Chirkey Disease (fungal inection) & Chirke and Foorkey (virus infection)	<ul style="list-style-type: none">• Mulching with locally available materials like dry grass/paddy straw recommended• Remove diseased part & keep inflorescence clean.• Uproot & burn virus infected plants
Ginger/Turmeric	Seedling		<ul style="list-style-type: none">• Mulching with locally available materials like dry grass/paddy straw recommended
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Pig	Piglet		❖ Provide adequate bedding material (paddy straw, rice husk) to newly born piglets
Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795-226237/226247			



Gramin Krishi Mausam Sewa

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

ADVISORY FOR BLOCK: LIKABALI-KANGKU

{Latitude: 27°59.56'/ Longitude: 94°76.79'/Altitude: 150-250 amsl}

Weather summery of the previous week	Weather forecast valid up to 4 th November 2018
NA	Generally clear/dry weather forecasted. Daily maximum and minimum temperature for the following period is predicted to be 29-31°C and 16-18°C respectively. Expected morning and evening relative humidity will be 53-74% and 29-40% respectively. Wind direction is mainly NNW with average wind speed range of 4 kmph.
Warning:	<ul style="list-style-type: none">

GENERAL RECOMMENDATIONS <ul style="list-style-type: none">Monitor for possible attack of insects/pestsDo not go for fertilizer/manure applicationsProper 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			
Rice	Dough Grain filling stage and Maturing stage.	Gundhi bug/	<ul style="list-style-type: none">In view of clear weather conditions for the next five days harvesting of mature timely sown rice may be done in the present weather conditions followed by threshing and drying of grains,Those crop which are in flowering and grain filling stage, protection of crop from Gundhi bug should be done using dead frog/fish trap,Rat management should be priotized,
Groundnut	Pegging	Leaf Spot/tikka disease	<ul style="list-style-type: none">On sunny day, spray carbendazim/Mancozeb @ 1-2 ml/lit of waterDo not disturb the soil structure by spading/hoeing in the field.Hand weeding with care is recommended.
Pulses	Flowering	Blister beetle	<ul style="list-style-type: none">Go for manual picking of Blister beetle without delay because the incidence of the pest during flowering stage cause huge lose in harvest
VEGETABLES			
Potato	Field preparation/ sowing	Red Ants/ Cutworm	<ul style="list-style-type: none">Farmers are advised to prepare field for sowing of potato,Seed treatment-Cut pieces of potato should be dipped in Diethane M-45 @ 2 grams per litre of water for ½ hours before sowing,Red Ants: - Drenching with Chlorpyriphos @ 2 ml per litre of water,Normal weight of potato-25-30 gramsSpacing:- 45 X 45 cm Row to Row, 20 X 20 cm Plant to Plant
HORTICULTURAL CROPS			
Pineapple	Sowing		<ul style="list-style-type: none">Clean the vicinity of plants by weeding and loosen up the soil.Remove sly and use it as a new planting material.Sucker dipping treatment with Bavistin @ 3g + Chlorpyriphos 20EC@ 2ml/lt of water to protect against soil borne disease and insect.
Guava	Fruit Development	Fruit fly	<ul style="list-style-type: none">Basin cleaning and manuringInstall fruit fly pheromone traps for collection and destruction of the adult insects
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Pigs	All stages	FMD (high fever and appearance of mucous membrane of the mouth and foot.) Swine Fever	<ul style="list-style-type: none">Animals to be housed in dry place or kept in alleviated area and dry bedding (straw) to be provided to young animals,1st injection at 6 months of age and 2nd injection at 12 months of age followed by annual vaccination under vet supervision against FMDIn present weather conditions vaccinate against swine fever (Vaccines available in State Veterinary Depts),
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: LOHIT

Weather summary of the previous week	Weather forecast valid up to 4 th November 2018
Rainfall: 0.0 mm (Tezu)	Generally clear/dry weather forecasted.. Daily maximum and minimum temperature for the following period is predicted to be 30°C and 16-18°C respectively. Expected morning and evening relative humidity will be 43-64% and 18-25% respectively. Wind direction is mainly NE average wind speed range of 5-7 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			
Rice	Dough Grain filling stage and Maturing stage.	Gundhi bug/	<ul style="list-style-type: none">❖ In view of clear weather conditions for the next five days harvesting of mature timely sown rice may be done in the present weather conditions followed by threshing and drying of grains,❖ Those crop which are in flowering and grain filling stage, protection of crop from Gundhi bug should be done using dead frog/fish trap,❖ Rat management should be prioritized,
Groundnut	Pegging	Leaf Spot/tikka disease	<ul style="list-style-type: none">❖ On sunny day, spray carbendazim/Mancozeb @ 1-2 ml/lit of water❖ Do not disturb the soil structure by spading/hoeing in the field.❖ Hand weeding with care is recommended.
Pulses	Flowering	Blister beetle	<ul style="list-style-type: none">❖ Go for manual picking of Blister beetle without delay because the incidence of the pest during flowering stage cause huge lose in harvest
VEGETABLES			
Potato	Field preparation/sowing	Red Ants/Cutworm	<ul style="list-style-type: none">❖ Farmers are advised to prepare field for sowing of potato,❖ Seed treatment-Cut pieces of potato should be dipped in Diethane M-45 @ 2 grams per litre of water for ½ hours before sowing,❖ Red Ants: - Drenching with Chlorpyriphos @ 2 ml per litre of water,❖ Normal weight of potato-25-30 grams❖ Spacing:- 45 X 45 cm Row to Row, 20 X 20 cm Plant to Plant
HORTICULTURAL CROPS			
Pineapple	Sowing		<ul style="list-style-type: none">• Clean the vicinity of plants by weeding and loosen up the soil.• Remove sly and use it as a new planting material.• Sucker dipping treatment with Bavistin @ 3g + Chlorpyriphos 20EC@ 2ml/lit of water to protect against soil borne disease and insect.
Guava	Fruit Development	Fruit fly	<ul style="list-style-type: none">• Basin cleaning and manuring• Install fruit fly pheromone traps for collection and destruction of the adult insects
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Pigs	All stages	FMD (high fever and appearance of mucous membrane of the mouth and foot.) Swine Fever	<ul style="list-style-type: none">• Animals to be housed in dry place or kept in alleviated area and dry bedding (straw) to be provided to young animals,• 1st injection at 6 months of age and 2nd injection at 12 months of age followed by annual vaccination under vet supervision against FMD• In present weather conditions vaccinate against swine fever (Vaccines available in State Veterinary Depts),

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: LOWER DIBANG VALLEY

Weather summery of the previous week	Weather forecast valid up to 4 th November 2018
Rainfall (Roing): 0.0 mm	Generally clear/dry weather forecasted. Daily maximum and minimum temperature for the following period is predicted to be 30°C and 16-18°C respectively. Expected morning and evening relative humidity will be 58-81% and 15-27% respectively. Wind direction is mainly SE with average wind speed range of 6-7 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			
Rice	Dough Grain filling stage and Maturing stage.	Gundhi bug/	<ul style="list-style-type: none">❖ In view of clear weather conditions for the next five days harvesting of mature timely sown rice may be done in the present weather conditions followed by threshing and drying of grains,❖ Those crop which are in flowering and grain filling stage, protection of crop from Gundhi bug should be done using dead frog/fish trap,❖ Rat management should be prioritized,
Groundnut	Pegging	Leaf Spot/tikka disease	<ul style="list-style-type: none">❖ On sunny day, spray carbendazim/Mancozeb @ 1-2 ml/lit of water❖ Do not disturb the soil structure by spading/hoeing in the field.❖ Hand weeding with care is recommended.
Pulses	Flowering	Blister beetle	<ul style="list-style-type: none">❖ Go for manual picking of Blister beetle without delay because the incidence of the pest during flowering stage cause huge lose in harvest
VEGETABLES			
Potato	Field preparation/sowing	Red Ants/Cutworm	<ul style="list-style-type: none">❖ Farmers are advised to prepare field for sowing of potato,❖ Seed treatment-Cut pieces of potato should be dipped in Diethane M-45 @ 2 grams per litre of water for ½ hours before sowing,❖ Red Ants: - Drenching with Chlorpyriphos @ 2 ml per litre of water,❖ Normal weight of potato-25-30 grams❖ Spacing:- 45 X 45 cm Row to Row, 20 X 20 cm Plant to Plant
HORTICULTURAL CROPS			
Pineapple	Sowing		<ul style="list-style-type: none">• Clean the vicinity of plants by weeding and loosen up the soil.• Remove sly and use it as a new planting material.• Sucker dipping treatment with Bavistin @ 3g + Chlorpyriphos 20EC@ 2ml/lit of water to protect against soil borne disease and insect.
Guava	Fruit Development	Fruit fly	<ul style="list-style-type: none">• Basin cleaning and manuring• Install fruit fly pheromone traps for collection and destruction of the adult insects
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Pigs	All stages	FMD (high fever and appearance of mucous membrane of the mouth and foot.) Swine Fever	<ul style="list-style-type: none">• Animals to be housed in dry place or kept in alleviated area and dry bedding (straw) to be provided to young animals,• 1st injection at 6 months of age and 2nd injection at 12 months of age followed by annual vaccination under vet supervision against FMD• In present weather conditions vaccinate against swine fever (Vaccines available in State Veterinary Depts),
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ADVISORY FOR DISTRICT: LOWER SUBANSIRI

Weather summery of the previous week	Weather forecast valid up to 4 th November 2018
NA	Generally clear/dry weather forecasted. Daily maximum and minimum temperature for the following period is predicted to be 30°C and 16-18°C respectively. Expected morning and evening relative humidity will be 79-100% and 16-34% respectively. Wind direction is mainly WNW with average wind speed range of 5-6 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			
Pea	Sowing		<ul style="list-style-type: none"> • Right time for sowing • Treat pea with rhizobium@2gm/kg seed before sowing
Maize	CRI or tasseling stage/ Harvesting	Rat	<ul style="list-style-type: none"> • Maintain adequate moisture level in the field where crop is in CRI stage or in tasseling stage. • Harvest mature cobs and dry properly before storing • Use locally available traps to control rats menace
Rice	Milking/seed formation	Gundhi bug/leaf folder	<ul style="list-style-type: none"> • Maintain at least 5 mm water level in the rice field where crop is in grain filling stage or at tillering stage. • Weeding is advised to ward off the alternate host of gundhi bug • Install local trap of dead frog/fermented fish etc against gundhi bug in rice or spray triazophos/chloripyriphos@1-2ml/lit. • Need based spray of Flubendiamide 3.5% + Hexaconazole 5% @ 2ml/lit against rice skipper & leaf folder using sticker
VEGETABLES			
Rabi vegetables	Nursery		<ul style="list-style-type: none"> • <u>In present weather conditions, nursery sowing of hybrid tomato, cauliflower and cabbage may be done.</u> • <u>The seeds should be sown on raised beds (15-20 cm) after treating seeds with <i>Trichoderma</i> @ 10 g/kg or with Captan/Thiram @ 2-3 g/kg seeds.</u> • <u>After sowing the seeds in the nursery, cover it with mixture of well rotten compost + friable soil + sand (2:1:1) and mulch with paddy straw / dried leaves.</u> • Weeding of the standing crop may be done, • Monitoring of standing crops against attack of insect pests and diseases.
HORTICULTURAL CROPS			
Banana	Fruiting/ Ripening	Scary beetle	<ul style="list-style-type: none"> • To control scary beetle – application of Malathion dust @ 0.5% is advised, • Cover bunches with banana bunch covers or sacks or locally available materials to protect against sunscald, birds and insects.
Large Cardamom	Flowering stage	Chirkey Disease (fungal inection) & Chirke and Foorkey (virus infection)	<ul style="list-style-type: none"> • Mulching with locally available materials like dry grass/paddy straw recommended • Remove diseased part & keep inflorescence clean. • Uproot & burn virus infected plants
Ginger/Turmeric	Seedling		<ul style="list-style-type: none"> • Mulching with locally available materials like dry grass/paddy straw recommended
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Pig	Piglet		❖ Provide adequate bedding material (paddy straw, rice husk) to newly born piglets
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ADVISORY FOR DISTRICT: PAPUM PARE

Weather summery of the previous week	Weather forecast valid up to 4 th November 2018
Rainfall: 0.0 mm; T. Max: 34.0°C; T. Min: 19.0°C ; RH: 47-80%	Generally clear/dry weather forecasted. Daily maximum and minimum temperature for the following period is predicted to be 30-31°C and 17-18°C respectively. Expected morning and evening relative humidity will be 89-98% and 22-39% respectively. Wind direction is mainly SW with average wind speed range of 4-5 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			
Rice	Dough Grain filling stage and Maturing stage.	Gundhi bug/	<ul style="list-style-type: none"> In view of clear weather conditions for the next five days harvesting of mature timely sown rice may be done in the present weather conditions followed by threshing and drying of grains, Those crop which are in flowering and grain filling stage, protection of crop from Gundhi bug should be done using dead frog/fish trap, Rat management should be prioritized,
Groundnut	Pegging	Leaf Spot/tikka disease	<ul style="list-style-type: none"> On sunny day, spray carbendazim/Mancozeb @ 1-2 ml/lit of water Do not disturb the soil structure by spading/hoeing in the field. Hand weeding with care is recommended.
Pulses	Flowering	Blister beetle	<ul style="list-style-type: none"> Go for manual picking of Blister beetle without delay because the incidence of the pest during flowering stage cause huge lose in harvest
VEGETABLES			
Potato	Field preparation/sowing	Red Ants/Cutworm	<ul style="list-style-type: none"> Farmers are advised to prepare field for sowing of potato, Seed treatment-Cut pieces of potato should be dipped in Diethane M-45 @ 2 grams per litre of water for ½ hours before sowing, Red Ants: - Drenching with Chlorpyriphos @ 2 ml per litre of water, Normal weight of potato-25-30 grams Spacing:- 45 X 45 cm Row to Row, 20 X 20 cm Plant to Plant
HORTICULTURAL CROPS			
Pineapple	Sowing		<ul style="list-style-type: none"> Clean the vicinity of plants by weeding and loosen up the soil. Remove sly and use it as a new planting material. Sucker dipping treatment with Bavistin @ 3g + Chlorpyriphos 20EC@ 2ml/lit of water to protect against soil borne disease and insect.
Guava	Fruit Development	Fruit fly	<ul style="list-style-type: none"> Basin cleaning and manuring Install fruit fly pheromone traps for collection and destruction of the adult insects
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Pigs	All stages	FMD (high fever and appearance of mucous membrane of the mouth and foot.) Swine Fever	<ul style="list-style-type: none"> Animals to be housed in dry place or kept in alleviated area and dry bedding (straw) to be provided to young animals, 1st injection at 6 months of age and 2nd injection at 12 months of age followed by annual vaccination under vet supervision against FMD In present weather conditions vaccinate against swine fever (Vaccines available in State Veterinary Depts),
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ADVISORY FOR DISTRICT: TAWANG

Weather summary of the previous week	Weather forecast valid up to 4 th November 2018
Rainfall: 0.0 mm	Generally clear/dry weather forecasted. Daily maximum and minimum temperature for the following period is predicted to be 15-16°C and 04-05°C respectively. Expected morning and evening relative humidity will be 58-82% and 13-27% respectively. Wind direction is mainly E & ESE with average wind speed range of 5-10 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			
Pea	Sowing		<ul style="list-style-type: none">• Right time for sowing• Treat pea with rhizobium@2gm/kg seed before sowing
Maize	CRI or tasseling stage/ Harvesting	Rat	<ul style="list-style-type: none">• Maintain adequate moisture level in the field where crop is in CRI stage or in tasseling stage.• Harvest mature cobs and dry properly before storing• Use locally available traps to control rats menace
Rice	Milking/seed formation	Gundhi bug/leaf folder	<ul style="list-style-type: none">• Maintain at least 5 mm water level in the rice field where crop is in grain filling stage or at tillering stage.• Weeding is advised to ward off the alternate host of gundhi bug• Install local trap of dead frog/fermented fish etc against gundhi bug in rice or spray triazophos/chloripyriphos@1-2ml/lit.• Need based spray of Flubendiamide 3.5% + Hexaconazole 5% @ 2ml/lit against rice skipper & leaf folder using sticker
VEGETABLES			
Rabi vegetables	Nursery		<ul style="list-style-type: none">• <u>In present weather conditions, nursery sowing of hybrid tomato, cauliflower and cabbage may be done.</u>• <u>The seeds should be sown on raised beds (15-20 cm) after treating seeds with <i>Trichoderma</i> @ 10 g/kg or with Captan/Thiram @ 2-3 g/kg seeds.</u>• <u>After sowing the seeds in the nursery, cover it with mixture of well rotten compost + friable soil + sand (2:1:1) and mulch with paddy straw / dried leaves.</u>• Weeding of the standing crop may be done,• Monitoring of standing crops against attack of insect pests and diseases.
HORTICULTURAL CROPS			
Banana	Fruiting/ Ripening	Scary beetle	<ul style="list-style-type: none">• To control scary beetle – application of Malathion dust @ 0.5% is advised,• Cover bunches with banana bunch covers or sacks or locally available materials to protect against sunscald, birds and insects.
Large Cardamom	Flowering stage	Chirkey Disease (fungal inection) & Chirke and Foorkey (virus infection)	<ul style="list-style-type: none">• Mulching with locally available materials like dry grass/paddy straw recommended• Remove diseased part & keep inflorescence clean.• Uproot & burn virus infected plants
Ginger/Turmeric	Seedling		<ul style="list-style-type: none">• Mulching with locally available materials like dry grass/paddy straw recommended
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Pig	Piglet		❖ Provide adequate bedding material (paddy straw, rice husk) to newly born piglets
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Gramin Krishi Mausam Sewa
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 4 th November 2018
Rainfall: 0.0 mm	Generally clear/dry weather forecasted. Daily maximum and minimum temperature for the following period is predicted to be 30-31°C and 17-19°C respectively. Expected morning and evening relative humidity will be 90-100% and 46-53% respectively. Wind direction is mainly ESE with average wind speed range of 2-4 kmph.
Warning:	•

GENERAL RECOMMENDATIONS			
<ul style="list-style-type: none">• 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			
Rice	Dough Grain filling stage and Maturing stage.	Gundhi bug/	<ul style="list-style-type: none">❖ In view of clear weather conditions for the next five days harvesting of mature timely sown rice may be done in the present weather conditions followed by threshing and drying of grains,❖ Those crop which are in flowering and grain filling stage, protection of crop from Gundhi bug should be done using dead frog/fish trap,❖ Rat management should be prioritized,
Groundnut	Pegging	Leaf Spot/tikka disease	<ul style="list-style-type: none">❖ On sunny day, spray carbendazim/Mancozeb @ 1-2 ml/lit of water❖ Do not disturb the soil structure by spading/hoeing in the field.❖ Hand weeding with care is recommended.
Pulses	Flowering	Blister beetle	<ul style="list-style-type: none">❖ Go for manual picking of Blister beetle without delay because the incidence of the pest during flowering stage cause huge lose in harvest
VEGETABLES			
Potato	Field preparation/sowing	Red Ants/Cutworm	<ul style="list-style-type: none">❖ Farmers are advised to prepare field for sowing of potato,❖ Seed treatment-Cut pieces of potato should be dipped in Diethane M-45 @ 2 grams per litre of water for ½ hours before sowing,❖ Red Ants: - Drenching with Chlorpyriphos @ 2 ml per litre of water,❖ Normal weight of potato-25-30 grams❖ Spacing:- 45 X 45 cm Row to Row, 20 X 20 cm Plant to Plant
HORTICULTURAL CROPS			
Pineapple	Sowing		<ul style="list-style-type: none">• Clean the vicinity of plants by weeding and loosen up the soil.• Remove sly and use it as a new planting material.• Sucker dipping treatment with Bavistin @ 3g + Chlorpyriphos 20EC@ 2ml/lit of water to protect against soil borne disease and insect.
Guava	Fruit Development	Fruit fly	<ul style="list-style-type: none">• Basin cleaning and manuring• Install fruit fly pheromone traps for collection and destruction of the adult insects
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Pigs	All stages	FMD (high fever and appearance of mucous membrane of the mouth and foot.) Swine Fever	<ul style="list-style-type: none">• Animals to be housed in dry place or kept in alleviated area and dry bedding (straw) to be provided to young animals,• 1st injection at 6 months of age and 2nd injection at 12 months of age followed by annual vaccination under vet supervision against FMD• In present weather conditions vaccinate against swine fever (Vaccines available in State Veterinary Depts),
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Gramin Krishi Mausam Sewa
ICAR Research Complex for NEH Region, Arunachal Pradesh Centre, Basar-791101

ADVISORY FOR DISTRICT: UPPER SIANG

Weather summery of the previous week	Weather forecast valid up to 4 th November 2018
Rainfall: 0.0 mm	Generally clear/dry weather forecasted. Daily maximum and minimum temperature for the following period is predicted to be 24-25°C and 12-13°C respectively. Expected morning and evening relative humidity will be 33-76% and 12-36% respectively. Wind direction is mainly variable with average wind speed range of 4-12 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			
Pea	Sowing		<ul style="list-style-type: none">• Right time for sowing• Treat pea with rhizobium@2gm/kg seed before sowing
Maize	CRI or tasseling stage/ Harvesting	Rat	<ul style="list-style-type: none">• Maintain adequate moisture level in the field where crop is in CRI stage or in tasseling stage.• Harvest mature cobs and dry properly before storing• Use locally available traps to control rats menace
Rice	Milking/seed formation	Gundhi bug/leaf folder	<ul style="list-style-type: none">• Maintain at least 5 mm water level in the rice field where crop is in grain filling stage or at tillering stage.• Weeding is advised to ward off the alternate host of gundhi bug• Install local trap of dead frog/fermented fish etc against gundhi bug in rice or spray triazophos/chloripyriphos@1-2ml/lit.• Need based spray of Flubendiamide 3.5% + Hexaconazole 5% @ 2ml/lit against rice skipper & leaf folder using sticker
VEGETABLES			
Rabi vegetables	Nursery		<ul style="list-style-type: none">• <u>In present weather conditions, nursery sowing of hybrid tomato, cauliflower and cabbage may be done.</u>• <u>The seeds should be sown on raised beds (15-20 cm) after treating seeds with Trichoderma @ 10 g/kg or with Captan/Thiram @ 2-3 g/kg seeds.</u>• <u>After sowing the seeds in the nursery, cover it with mixture of well rotten compost + friable soil + sand (2:1:1) and mulch with paddy straw / dried leaves.</u>• Weeding of the standing crop may be done,• Monitoring of standing crops against attack of insect pests and diseases.
HORTICULTURAL CROPS			
Banana	Fruiting/ Ripening	Scary beetle	<ul style="list-style-type: none">• To control scary beetle – application of Malathion dust @ 0.5% is advised,• Cover bunches with banana bunch covers or sacks or locally available materials to protect against sunscald, birds and insects.
Large Cardamom	Flowering stage	Chirkey Disease (fungal inection) & Chirke and Foorkey (virus infection)	<ul style="list-style-type: none">• Mulching with locally available materials like dry grass/paddy straw recommended• Remove diseased part & keep inflorescence clean.• Uproot & burn virus infected plants
Ginger/Turmeric	Seedling		<ul style="list-style-type: none">• Mulching with locally available materials like dry grass/paddy straw recommended
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Pig	Piglet		❖ Provide adequate bedding material (paddy straw, rice husk) to newly born piglets
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ADVISORY FOR DISTRICT: UPPER SUBANSIRI

Weather summery of the previous week	Weather forecast valid up to 4 th November 2018
Daporijo: 0.0 mm	Generally clear/dry weather forecasted. Daily maximum and minimum temperature for the following period is predicted to be 30°C and 16-18°C respectively. Expected morning and evening relative humidity will be 42-77% and 13-37% respectively. Wind direction is mainly variable with average wind speed range of 3-10 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			
Rice	Dough Grain filling stage and Maturing stage.	Gundhi bug/	<ul style="list-style-type: none">❖ In view of clear weather conditions for the next five days harvesting of mature timely sown rice may be done in the present weather conditions followed by threshing and drying of grains,❖ Those crop which are in flowering and grain filling stage, protection of crop from Gundhi bug should be done using dead frog/fish trap,❖ Rat management should be prioritized,
Groundnut	Pegging	Leaf Spot/tikka disease	<ul style="list-style-type: none">❖ On sunny day, spray carbendazim/Mancozeb @ 1-2 ml/lit of water❖ Do not disturb the soil structure by spading/hoeing in the field.❖ Hand weeding with care is recommended.
Pulses	Flowering	Blister beetle	<ul style="list-style-type: none">❖ Go for manual picking of Blister beetle without delay because the incidence of the pest during flowering stage cause huge lose in harvest
VEGETABLES			
Potato	Field preparation/sowing	Red Ants/Cutworm	<ul style="list-style-type: none">❖ Farmers are advised to prepare field for sowing of potato,❖ Seed treatment-Cut pieces of potato should be dipped in Diethane M-45 @ 2 grams per litre of water for ½ hours before sowing,❖ Red Ants: - Drenching with Chlorpyriphos @ 2 ml per litre of water,❖ Normal weight of potato-25-30 grams❖ Spacing:- 45 X 45 cm Row to Row, 20 X 20 cm Plant to Plant
HORTICULTURAL CROPS			
Pineapple	Sowing		<ul style="list-style-type: none">• Clean the vicinity of plants by weeding and loosen up the soil.• Remove sly and use it as a new planting material.• Sucker dipping treatment with Bavistin @ 3g + Chlorpyriphos 20EC@ 2ml/lit of water to protect against soil borne disease and insect.
Guava	Fruit Development	Fruit fly	<ul style="list-style-type: none">• Basin cleaning and manuring• Install fruit fly pheromone traps for collection and destruction of the adult insects
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Pigs	All stages	FMD (high fever and appearance of mucous membrane of the mouth and foot.) Swine Fever	<ul style="list-style-type: none">• Animals to be housed in dry place or kept in alleviated area and dry bedding (straw) to be provided to young animals,• 1st injection at 6 months of age and 2nd injection at 12 months of age followed by annual vaccination under vet supervision against FMD• In present weather conditions vaccinate against swine fever (Vaccines available in State Veterinary Depts),
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ADVISORY FOR DISTRICT: WEST KAMENG

Weather summery of the previous week	Weather forecast valid up to 4 th November 2018
Rainfall = Bomdila: 0.0 mm ; Bhalukpong: 0.0 mm; Kalaktang: 0.0 mm	Generally clear/dry weather forecasted. Daily maximum and minimum temperature for the following period is predicted to be 24-25°C and 12-13°C respectively. Expected morning and evening relative humidity will be 84-92% and 20-40% respectively. Wind direction is mainly NW wind speed range of 6-7 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			
Pea	Sowing		<ul style="list-style-type: none">• Right time for sowing• Treat pea with rhizobium@2gm/kg seed before sowing
Maize	CRI or tasseling stage/ Harvesting	Rat	<ul style="list-style-type: none">• Maintain adequate moisture level in the field where crop is in CRI stage or in tasseling stage.• Harvest mature cobs and dry properly before storing• Use locally available traps to control rats menace
Rice	Milking/seed formation	Gundhi bug/leaf folder	<ul style="list-style-type: none">• Maintain at least 5 mm water level in the rice field where crop is in grain filling stage or at tillering stage.• Weeding is advised to ward off the alternate host of gundhi bug• Install local trap of dead frog/fermented fish etc against gundhi bug in rice or spray triazophos/chloripyriphos@1-2ml/lit.• Need based spray of Flubendiamide 3.5% + Hexaconazole 5% @ 2ml/lit against rice skipper & leaf folder using sticker
VEGETABLES			
Rabi vegetables	Nursery		<ul style="list-style-type: none">• <u>In present weather conditions, nursery sowing of hybrid tomato, cauliflower and cabbage may be done.</u>• <u>The seeds should be sown on raised beds (15-20 cm) after treating seeds with Trichoderma @ 10 g/kg or with Captan/Thiram @ 2-3 g/kg seeds.</u>• <u>After sowing the seeds in the nursery, cover it with mixture of well rotten compost + friable soil + sand (2:1:1) and mulch with paddy straw / dried leaves.</u>• Weeding of the standing crop may be done,• Monitoring of standing crops against attack of insect pests and diseases.
HORTICULTURAL CROPS			
Banana	Fruiting/ Ripening	Scary beetle	<ul style="list-style-type: none">• To control scary beetle – application of Malathion dust @ 0.5% is advised,• Cover bunches with banana bunch covers or sacks or locally available materials to protect against sunscald, birds and insects.
Large Cardamom	Flowering stage	Chirkey Disease (fungal inection) & Chirke and Foorkey (virus infection)	<ul style="list-style-type: none">• Mulching with locally available materials like dry grass/paddy straw recommended• Remove diseased part & keep inflorescence clean.• Uproot & burn virus infected plants
Ginger/Turmeric	Seedling		<ul style="list-style-type: none">• Mulching with locally available materials like dry grass/paddy straw recommended
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Pig	Piglet		❖ Provide adequate bedding material (paddy straw, rice husk) to newly born piglets
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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 4 th November 2018
Rainfall: 0.0 mm, Max. T: 26.7 °C, Min. T: 11.8°C, Wind Speed: 3-7 km/h, RH: 61-91%, Wind Direction: WNW	Generally clear/dry weather forecasted. Daily maximum and minimum temperature for the following period is predicted to be 30-31°C and 17-19°C respectively. Expected morning and evening relative humidity will be 47-77% and 12-35% respectively. Wind direction is mainly variable with average wind speed range of 3-10 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			
Rice	Dough Grain filling stage and Maturing stage.	Gundhi bug/	<ul style="list-style-type: none">❖ In view of clear weather conditions for the next five days harvesting of mature timely sown rice may be done in the present weather conditions followed by threshing and drying of grains,❖ Those crop which are in flowering and grain filling stage, protection of crop from Gundhi bug should be done using dead frog/fish trap,❖ Rat management should be prioritized,
Groundnut	Pegging	Leaf Spot/tikka disease	<ul style="list-style-type: none">❖ On sunny day, spray carbendazim/Mancozeb @ 1-2 ml/lit of water❖ Do not disturb the soil structure by spading/hoeing in the field.❖ Hand weeding with care is recommended.
Pulses	Flowering	Blister beetle	<ul style="list-style-type: none">❖ Go for manual picking of Blister beetle without delay because the incidence of the pest during flowering stage cause huge lose in harvest
VEGETABLES			
Potato	Field preparation/sowing	Red Ants/Cutworm	<ul style="list-style-type: none">❖ Farmers are advised to prepare field for sowing of potato,❖ Seed treatment-Cut pieces of potato should be dipped in Diethane M-45 @ 2 grams per litre of water for ½ hours before sowing,❖ Red Ants: - Drenching with Chlorpyriphos @ 2 ml per litre of water,❖ Normal weight of potato-25-30 grams❖ Spacing:- 45 X 45 cm Row to Row, 20 X 20 cm Plant to Plant
HORTICULTURAL CROPS			
Pineapple	Sowing		<ul style="list-style-type: none">• Clean the vicinity of plants by weeding and loosen up the soil.• Remove sly and use it as a new planting material.• Sucker dipping treatment with Bavistin @ 3g + Chlorpyriphos 20EC @ 2ml/lit of water to protect against soil borne disease and insect.
Guava	Fruit Development	Fruit fly	<ul style="list-style-type: none">• Basin cleaning and manuring• Install fruit fly pheromone traps for collection and destruction of the adult insects
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Pigs	All stages	FMD (high fever and appearance of mucous membrane of the mouth and foot.) Swine Fever	<ul style="list-style-type: none">• Animals to be housed in dry place or kept in alleviated area and dry bedding (straw) to be provided to young animals,• 1st injection at 6 months of age and 2nd injection at 12 months of age followed by annual vaccination under vet supervision against FMD• In present weather conditions vaccinate against swine fever (Vaccines available in State Veterinary Depts),
Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795-226237/226247			