



Gramin Krishi Mausam Sewa

India Meteorological Department

ICAR Complex Branch

Umiam, Meghalaya



Agromet Advisory Bulletin

Date : 10-12-2019

Weather Forecast of ZUNHEBOTO(Nagaland) Issued On : 2019-12-10(Valid Till 08:30 IST of the next 5 days)

Date (y-m-d)	Rainfall (mm)	Tmax (°C)	Tmin (°C)	RH I (%)	RH II (%)	Wind Speed (kmph)	Wind Direction (Degree)	cloud cover (Octa)
2019-12-11	3	24	11	99	49	2.5	297	3
2019-12-12	2	22	10	99	69	3.0	117	4
2019-12-13	0	24	9	93	43	3.7	112	7
2019-12-14	0	25	10	87	35	3.7	109	4
2019-12-15	0	25	9	90	38	3.7	116	0

Weather Summary/Alert:

Probability of light rain the coming week. Sky will be partly cloudy
Etia ahiboleh hapta tho pani olop kiriboh pareh, akash tho olop lethere hobo pareh

General Advisory:

Use pheromone traps for monitoring and suppression of pest population
Puka komti kuriboleh pheromone traps cholabi

SMS Advisory:

Collect and destroy the fallen fruits which will minimize the infestation of fruit fly.
Puka khan jama nohobo karoneh ghas para girijah fruits khan jama kurighenah dur tae phekabi nahoileh gadah khundighenah dhalibi

Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
RICE	STORAGE: Keep the store absolutely clean. Remove any spilt grain immediately to prevent rodent attack
	Dhan rakha lagha ghor to sabha rakhibo laghe. Mati te dhan khan kirikhena daka khan to saba khoridibi, joha nahibo karoneh
RAPESEED	VEGETATIVE STAGE: Cabbage butterfly-The full grown larvae of this pest are 3 to 4 cm in length with bright yellowish-green colour and small hairs on the dorsal side. Larvae of this pest feed voraciously on the leaves, branches, pods of the crop. Plants defoliated with the result the small plants die while the grown up plants suffer in growth and yield. The caterpillars should be handpicked and killed.
	VEGETATIVE STAGE: Cabbage butterfly-Etu puka bacha dangor hua somoi te 3 - 4 cm lamba hoi aru yellow green colour hoi. Etu para pata, branch aru sobji guti khai. Puka lagijah chutu gass khan murijai aru dangor gass khan bi bhal parah guti nudhure. Etu puka tho hath parah ulaighenah muraidibi.
FIELD PEA	FLOWERING STAGE: Depending on the weather, irrigation should be done once a week

Crop(Varieties)	Crop Specific Advisory
	Din lakha hisab te ekk hapta te pani to ekbar to dibo laghe

Horticulture Specific Advisory:

Horticulture (Varieties)	Horticulture Specific Advisory
FRENCH BEAN	PODDING STAGE: Harvest during cool periods, such as late afternoon or early morning. Immediately after harvesting shift the harvested produce to shade. 2 to 3 pickings to be done at 4 - 5 days interval.
	PODDING STAGE: French bean tho thanda somoi morning nahoileh sam te hi shingibi aru ulua logotae chaya jagah te rakhibi. 4-5 din te 2-3 bar hea shingibi
CABBAGE	EARLY HEAD FORMATION: Install yellow sticky trap @12 nos/ha to monitor aphids
	EARLY HEAD FORMATION: Aphids puka karoneh yellow gum phang ekta hectare tae 12 nishinah rakhibi

Livestock Specific Advisory:

Livestock(Varieties)	Livestock Specific Advisory
PIG	Occurrence of most of the diseases can be prevented by following strict hygienic measure and by timely vaccination of pigs
	Bimari khan bishe to komti khuribo karoneh ghor sabha rakibo laghe, aru somoi te vaccination koribi

Fisheries Specific Advisory:

Fisheries(Varieties)	Fisheries Specific Advisory
COMMON FISH	The natural food is inadequate, so supplementary feed (rice bran or wheat bran mixture with groundnut oil cake /mustard oilcake / cottonseed oilcake in ratio of 1:1) is required.
	Natural dana tho komti ase, etu karoneh supplementary dana (rice bran nuhiileh wheat bran mixture groundnut oil cake logotae/mustard oilcake / cottonseed oilcake khan 1:1 ration hisap parah khelabi

Poultry Specific Advisory:

Poultry(Varieties)	Poultry Specific Advisory
CHICKEN	Protect poultry birds from cold winds by hanging curtain/clothing from outside the poultry shed. Use of electric bulbs for heat is advisable
	Thanda hawa nalagibo karoneh ghor kinar te bosta nahoileh kapra parah bon kuribi. Gorom thakibo karoneh electric bulbs cholaileh bhal ase



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Date : 10-12-2019

Weather Forecast of DIMAPUR(Nagaland) Issued On : 2019-12-10(Valid Till 08:30 IST of the next 5 days)

Date (y-m-d)	Rainfall (mm)	Tmax (°C)	Tmin (°C)	RH I (%)	RH II (%)	Wind Speed (kmph)	Wind Direction (Degree)	cloud cover (Octa)
2019-12-11	0	25	11	86	48	4.6	110	0
2019-12-12	0	25	11	87	48	5.5	109	2
2019-12-13	0	24	11	84	51	5.5	109	5
2019-12-14	0	25	12	79	46	5.5	109	1
2019-12-15	0	26	10	76	42	5.4	34	0

Weather Summary/Alert:

Probability of no rainfall the coming days too, Sky will be partly cloudy
Etia ahiboleh hapta tho pani nikiriboh pareh, akash tho olop lethere hobo pareh

General Advisory:

Use pheromone traps for monitoring and suppression of pest population
Puka komti kuriboleh pheromone traps cholabi

SMS Advisory:

Collect and destroy the fallen fruits which will minimize the infestation of fruit fly.
Puka khan jama nohobo karoneh ghas para girijah fruits khan jama kurighenah dur tae phekabi nahoileh gadah khundighenah dhalibi

Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
RICE	POST HARVESTING STAGE: Freshly threshed rice must be dried well in the sun
	POST HARVESTING STAGE: Dhan bhal parah dhup te sukabi
GREEN GRAM	VEGETATIVE STAGE: Field control of insect pests and diseases should be done in time by integrating suitable physical, mechanical, bio-logical and cultural management strategies
	VEGETATIVE STAGE: Somoi tae puka bimari khan hath para, machine, dawai nahoileh cultural nium khan cholaighenah komti kuribi
RAPESEED	VEGETATIVE STAGE: Cabbage butterfly-The full grown larvae of this pest are 3 to 4 cm in length with bright yellowish-green colour and small hairs on the dorsal side. Larvae of this pest feed voraciously on the leaves, branches, pods of the crop. Plants defoliated with the result the small plants die while the grown up plants suffer in growth and yield. The caterpillars should be handpicked and killed

Crop(Varieties)	Crop Specific Advisory
	VEGETATIVE STAGE: Cabbage butterfly-Etu puka bacha dangor hua somoi te 3 - 4 cm lamba hoi aru yellow green colour hoi. Etu para pata, branch aru sobji guti khai. Puka lagijah chutu gass khan murijai aru dangor gass khan bi bhal parah guti nudhure. Etu puka tho hath parah ulaighenah muraidibi
MAIZE	VEGETATIVE STA E: Ensure optimum moisture availability during the most critical phase (45 to 65 days after sowing); otherwise yield will be reduced by a considerable extent VEGETATIVE STAGE: Bijon lagaighenah 45 parah 65 din tho bhal parah sabo lageh. Etu somoi te mathi bijah hea rakhibi nahoileh guti dhura tho bishi komti hobo
SESAME (GINGELLY/TIL)	Flowering stage: Surface irrigation at 3 cm depth during the critical stages, viz., 4-5 leaves, branching, flowering and pod formation will increase the yield by 35-52 per cent Flowering stage: Etia phul dhura somoi tae pani bhal para dibi. Enika kurileh guti ghurah tho 35-52 percent bishi hobo

Horticulture Specific Advisory:

Horticulture (Varieties)	Horticulture Specific Advisory
FRENCH BEAN	PODDING STAGE: Harvest during cool periods, such as late afternoon or early morning. Immediately after harvesting shift the harvested produce to shade. 2 to 3 pickings to be done at 4 - 5 days interval PODDING STAGE: French bean tho thanda somoi morning nahoileh sam te hi shingibi aru ulua logotae chaya jagah te rakhibi. 4-5 din te 2-3 bar hea shingibi

Livestock Specific Advisory:

Livestock(Varieties)	Livestock Specific Advisory
COW	If a separate shed is not available the animals for isolation should be tied at one end of the shed as far away from the apparently healthy stock as possible. Bimar khan alag te rakhiboleh ghor nathakileh, kontu ghor thakiase, etu kinar te rusi bandighenah bhal thaka janwar para parathok dur te rakhibi.
PIG	Pregnant sows should be dewormed with Panacur which is pregnancy safe anthelmintics Bacha bokhighenah thaka ama ke kechu dawai Panacur (Fenbendazole) pregnancy safe anthelmintic dibo lageh

Fisheries Specific Advisory:

Fisheries(Varieties)	Fisheries Specific Advisory
COMMON FISH	If the water level declines drastically, complete harvesting should be done. Or else, if there is sufficient water, continue feeding @ 16 kg/day/ha Pani ektum komti huijaileh, mass sob dhurilobi. Pani thik thakileh, dana di thakibi (ekk din ekk hectare tae 16 kg dana)

Poultry Specific Advisory:

Poultry(Varieties)	Poultry Specific Advisory
CHICKEN	Find out what diseases are prevalent in your area and arrange for vaccination and treatment if necessary Nijor thaka jagah tae ki bimar lagi thake, etu janibi aru etu hisap te vaccination kuribi



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Weather Forecast of KIPHIRE(Nagaland) Issued On : 2019-12-10(Valid Till 08:30 IST of the next 5 days)

Date (y-m-d)	Rainfall (mm)	Tmax (°C)	Tmin (°C)	RH I (%)	RH II (%)	Wind Speed (kmph)	Wind Direction (Degree)	cloud cover (Octa)
2019-12-11	2	24	10	89	35	3.1	71	2
2019-12-12	1	23	10	83	39	3.1	79	3
2019-12-13	0	24	9	72	25	3.8	71	5
2019-12-14	0	25	11	67	22	3.6	68	3
2019-12-15	0	25	10	70	28	3.6	68	0

Weather Summary/Alert:

Probability of no rainfall the coming days too, the weather will be dry, sky be mainly clear
Etia ahiboleh pass din dho din sukha, pani nikiriboh

General Advisory:

Use pheromone traps for monitoring and suppression of pest population
Puka komti kuriboleh pheromone traps cholabi

SMS Advisory:

Collect and destroy the fallen fruits which will minimize the infestation of fruit fly
Puka khan jama nohobo karoneh ghas para girijah fruits khan jama kurighenah dur tae phekabi nahoileh gadah khundighenah dhalibi

Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
RICE	STORAGE: To manage rodent, particular attention should be paid to doors, ventilation openings, brickwork, and the junctions between the roof and the walls. Repair any damage to the store immediately
	STORAGE: Chuha para bachiboleh darwaza, ventilation, ceiling aru wall lagah majotae chenda khan te bishi dhian dibi. Room tho bonaboleh thakileh bolailobi
FIELD PEA	FLOWERING STAGE: Remove left over weeds before shedding of their weed seeds to prevent further spread
	Jongol ghas bishi huinajabo karoneh, donti girinajah agotae jongol ghas aluaighenah phekahbi.
MUSTARD	VEGETATIVE STAGE: Timely monitoring should be done for pest and diseases
	VEGETATIVE STAGE: Somo tae puka bimari khan saithakibo laghe

Horticulture Specific Advisory:

Horticulture (Varieties)	Horticulture Specific Advisory
CABBAGE	Cupping stage: Scout crop once per week for caterpillars and proper management practices should be done.
	Cupping stage: Hopta te eek bar huilehbi caterpillar puka sabolageh aru thik nium te sobji bagan kuribolageh
ONION	VEGETATIVE STAGE: In seed crop, thrips should be controlled well before flowers open
	VEGETATIVE STAGE: Bijon karoneh rakha khan phul nudhurah agotae, thrips puka lagiboleh nidibi

Livestock Specific Advisory:

Livestock(Varieties)	Livestock Specific Advisory
PIG	As the weather gets colder, your pigs' energy requirement will increase, as they need more energy to keep warm. Regularly monitor their level of 'fitness' and increase their feed intake to maintain
	Thanda mohinah tae gahori khan gao gorom rakhibo karoneh energy bishi lageh. Somo tae gahori lagah gao sai thakibi aru etu hisab tae dana dia tho bishi kuribi.

Fisheries Specific Advisory:

Fisheries(Varieties)	Fisheries Specific Advisory
COMMON FISH	Diseased or injured fish should be dipped in 1 ppm Potassium permanganate, KMnO ₄ solution for 1 minute and then release into the pond
	Bimar aru jokhom thaka mass khan ekk litter pani tae ekk milligram Potassium Permanganate, KMnO ₄ solution tae, ekk minute rakhighenah wapass pukhuri tae dhalibi
COMMON FISH	Screen animals for nasal discharge, wound and injuries regularly and the services of veterinary doctor be taken for treatment
	Jokhom aru nak para pani ulua murgi khan somoi tae saithakibo lageh. Thakileh, veterinary doctor lagah modot parah treatment kuribi



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Date (y-m-d)	Rainfall (mm)	Tmax (°C)	Tmin (°C)	RH I (%)	RH II (%)	Wind Speed (kmph)	Wind Direction (Degree)	cloud cover (Octa)
2019-12-11	4	23	11	99	72	3.7	205	3
2019-12-12	1	22	10	99	68	4.7	200	3
2019-12-13	0	24	10	97	53	5.3	160	6
2019-12-14	0	25	11	94	46	5.2	161	3
2019-12-15	0	25	10	95	49	5.4	161	0

Weather Summary/Alert:

Probability of light rainfall the coming days too, sky will be mainly clear.
Etia ahiboleh din to pani olop kiriboleh pareh, akash to mainly clear hobo.

General Advisory:

Use pheromone traps for monitoring and suppression of pest population
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SMS Advisory:

Collect and destroy the fallen fruits which will minimize the infestation of fruit fly.
Puka khan jama nohobo karoneh ghas para girijah fruits khan jama kurighenah dur tae phekabi nahoileh gadah khundighenah dhalibi

Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
RICE	STORAGE: Place sticky traps in the drying and storage areas for rats
	STORAGE: Dhan suka jagah aru rakha jagah tae chuha doliboleh gum rakhibi
RAPESEED	VEGETATIVE STAGE: Keep the field free from weeds and daily scouting of the field should be done for aphid and other diseases
	VEGETATIVE STAGE: Jongol ghas nathakighenah sapha rakhibi aru somoi tae aphid aru alag bimar karoneh sai thakiboleh laghe
FIELD PEA	FLOWERING STAGE: Depending on the weather, irrigation should be done once a week
	Din lakha hisab te ekk hapta te pani to ekbar to dibo laghe
GINGER	HARVESTING STAGE: Late harvest can also be practiced, as the crop does not deteriorate by leaving it for some months underground
	HARVESTING STAGE: Adhuwa olop diri parah ulailehbi ekunahoi. Mathi bitor tae olop mohinah karoneh thakilehbi biyah hui najai

Horticulture Specific Advisory:

Horticulture (Varieties)	Horticulture Specific Advisory
BANANA	The implements used in affected plants should be disinfected by spirit before using them in healthy plants
	Bimar ghas tae chola hatiar khan spirit parah sapha kurighenah hi bhal ghas tae cholabi
CABBAGE	HEAD FORMATION: During earthing up, the plants should be supported with soil to avoid toppling of the plant during head formation
	HEAD FORMATION: Cobi dhura somoi tae girinajabo karoneh mati bhal parah uthabi

Livestock Specific Advisory:

Livestock(Varieties)	Livestock Specific Advisory
PIG	As the weather gets colder, your pigs' energy requirement will increase, as they need more energy to keep warm. Regularly monitor their level of 'fitness' and increase their feed intake to maintain
	Thanda mohinah tae gahori khan gao gorom rakhibo karoneh energy bishi lageh. Somoi tae gahori lagah gao sai thakibi aru etu hisab tae dana dia tho bishi kuribi.

Fisheries Specific Advisory:

Fisheries(Varieties)	Fisheries Specific Advisory
COMMON FISH	Discourage entry of birds and other animals into the pond
	Chirya aru janwar khan pukhuri tae gushiboleh nidibi

Poultry Specific Advisory:

Poultry(Varieties)	Poultry Specific Advisory
CHICKEN	To optimize production of poultry proper sanitation and hygiene should be maintained, all movable equipments like feeders, waterers should be cleaned and disinfected periodically, litters are to be scraped and removed
	Murgi bhal parah dangor hoboleh sapha parah palibi. Dana aru pani dia daba khan spaha rakhibi aru paikhenah khan thik somoi tae pekhabhi



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Date : 10-12-2019

Weather Forecast of LONGLENG(Nagaland) Issued On : 2019-12-10(Valid Till 08:30 IST of the next 5 days)

Date (y-m-d)	Rainfall (mm)	Tmax (°C)	Tmin (°C)	RH I (%)	RH II (%)	Wind Speed (kmph)	Wind Direction (Degree)	cloud cover (Octa)
2019-12-11	0	25	10	88	48	4.8	116	0
2019-12-12	0	24	9	82	47	5.1	112	2
2019-12-13	0	25	10	79	43	5.1	158	7
2019-12-14	0	25	11	76	39	5.1	154	4
2019-12-15	0	26	10	75	36	5.2	124	3

Weather Summary/Alert:

Probability of no rain the coming week. Sky will be partly cloudy
Etia ahiboleh hapta tho pani nikiriboh pareh, akash tho olop lethere hobo pareh

General Advisory:

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Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
RICE	STORAGE: Keep the store absolutely clean. Remove any spilt grain immediately to prevent rodent attack
	Dhan rakha lagha ghor to sabha rakhibo laghe. Mati te dhan khan kirikhena daka khan to saba khoridibi, joha nahibo karoneh
RAPESEED	VEGETATIVE STAGE: Cabbage butterfly-The full grown larvae of this pest are 3 to 4 cm in length with bright yellowish-green colour and small hairs on the dorsal side. Larvae of this pest feed voraciously on the leaves, branches, pods of the crop. Plants defoliated with the result the small plants die while the grown up plants suffer in growth and yield. The caterpillars should be handpicked and killed.
	VEGETATIVE STAGE: Cabbage butterfly-Etu puka bacha dangor hua somoi te 3 - 4 cm lamba hoi aru yellow green colour hoi. Etu para pata, branch aru sobji guti khai. Puka lagijah chutu gass khan murijai aru dangor gass khan bi bhal parah guti nudhure. Etu puka tho hath parah ulaighenah muraidibi
FIELD PEA	FLOWERING STAGE: Depending on the weather, irrigation should be done once a week

Crop(Varieties)	Crop Specific Advisory
	Din lakha hisab te ekk hapta te pani to ekbar to dibo laghe

Horticulture Specific Advisory:

Horticulture (Varieties)	Horticulture Specific Advisory
FRENCH BEAN	PODDING STAGE: Harvest during cool periods, such as late afternoon or early morning. Immediately after harvesting shift the harvested produce to shade. 2 to 3 pickings to be done at 4 - 5 days interval.
	PODDING STAGE: French bean tho thanda somoi morning nahoileh sam te hi shingibi aru ulua logotae chaya jagah te rakhibi. 4-5 din te 2-3 bar hea shingibi
CABBAGE	EARLY HEAD FORMATION: Install yellow sticky trap @12 nos/ha to monitor aphids
	EARLY HEAD FORMATION: Aphids puka karoneh yellow gum phang ekta hectare tae 12 nishinah rakhibi

Livestock Specific Advisory:

Livestock(Varieties)	Livestock Specific Advisory
PIG	Occurrence of most of the diseases can be prevented by following strict hygienic measure and by timely vaccination of pigs
	Bimari khan bishe to komti khuribo karoneh ghor sabha rakibo laghe, aru somoi te vaccination koribi

Fisheries Specific Advisory:

Fisheries(Varieties)	Fisheries Specific Advisory
COMMON FISH	The natural food is inadequate, so supplementary feed (rice bran or wheat bran mixture with groundnut oil cake /mustard oilcake / cottonseed oilcake in ratio of 1:1) is required.
	Natural dana tho komti ase, etu karoneh supplementary dana (rice bran nuhuileh wheat bran mixture groundnut oil cake logotae/mustard oilcake / cottonseed oilcake khan 1:1 ration hisap parah khelabi

Poultry Specific Advisory:

Poultry(Varieties)	Poultry Specific Advisory
CHICKEN	Protect poultry birds from cold winds by hanging curtain/clothing from outside the poultry shed. Use of electric bulbs for heat is advisable
	Thanda hawa nalagibo karoneh ghor kinar te bosta nahoileh kapra parah bon kuribi. Gorom thakibo karoneh electric bulbs cholaileh bhal ase



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Weather Forecast of MOKOKCHUNG(Nagaland) Issued On : 2019-12-10(Valid Till 08:30 IST of the next 5 days)

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Crop(Varieties)	Crop Specific Advisory
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FIELD PEA	FLOWERING STAGE: Depending on the weather, irrigation should be done once a week

Crop(Varieties)	Crop Specific Advisory
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Horticulture Specific Advisory:

Horticulture (Varieties)	Horticulture Specific Advisory
FRENCH BEAN	PODDING STAGE: Harvest during cool periods, such as late afternoon or early morning. Immediately after harvesting shift the harvested produce to shade. 2 to 3 pickings to be done at 4 - 5 days interval
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CABBAGE	EARLY HEAD FORMATION: Install yellow sticky trap @12 nos/ha to monitor aphids
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Livestock Specific Advisory:

Livestock(Varieties)	Livestock Specific Advisory
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Poultry(Varieties)	Poultry Specific Advisory
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2019-12-12	0	25	10	77	46	5.5	158	2
2019-12-13	0	25	10	74	46	5.3	158	7
2019-12-14	0	25	11	73	43	5.2	158	6
2019-12-15	0	25	10	72	40	5.5	158	4

Weather Summary/Alert:

Probability of no rain the coming week. Sky will be partly cloudy
Etia ahiboleh hapta tho pani nikiriboh pareh, akash tho olop lethere hobo pareh

General Advisory:

Use pheromone traps for monitoring and suppression of pest population
Puka komti kuriboleh pheromone traps cholabi

SMS Advisory:

Collect and destroy the fallen fruits which will minimize the infestation of fruit fly.
Puka khan jama nohobo karoneh ghas para girijah fruits khan jama kurighenah dur tae phekabi nahoileh gadah khundighenah dhalibi

Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
RICE	STORAGE: Storage rooms should be physically rodent and bird proof, if possible
	STORAGE: Dhan rakha ghor tho pariatok chuha aru chirya gushiboleh naparah hobolageh
POTATO	VEGETATIVE STAGE: Timely collect and destroy disease infected and insect infested plant parts, eggs and early stage larvae
	VEGETATIVE STAGE: Somoi tae, ghas tae bimar pukha lagijah branch khan bhagaighenah julaidibi. Anda aru pukha bacha khan bi ulaighenah julaidibi
FIELD PEA	HARVESTING STAGE: At maturity, all the leaves turn yellow and fall down leaving behind stalks with pods. Care should be taken while threshing is done i.e, not to over beat or over trample which may damage the seed coat and reduce quality.
	HARVESTING STAGE: Thik dangor hua somai tae, pata khan yellow huighenah girijabo aru khali guti hae thakijabo. Mulia somoi tae hushiar kuribo lageh, bishi marileh guti lagah bahar tho biyah hobo aru quality bi bhal nuhua hoijabo
RAPESEED	VEGETATIVE STAGE: Keep the field free from weeds and daily scouting of the field should be done for aphid and other diseases

Crop(Varieties)	Crop Specific Advisory
GARLIC	VEGETATIVE STAGE: Jongol ghas nathakighenah sapha rakhibi aru somoi tae aphid aru alag bimar karoneh sai thakiboleh laghe
	VEGETATIVE STAGE: Proper field sanitation should be done to reduce pest and disease infestation.
	VEGETATIVE STAGE: Puka bimar komti hobo karoneh khiti sapha parah kuribo lageh

Horticulture Specific Advisory:

Horticulture (Varieties)	Horticulture Specific Advisory
ONION	VEGETATIVE STAGE: Timely irrigation should be don
	VEGETATIVE STAGE: Somoi tae pani dibo lageh

Livestock Specific Advisory:

Livestock(Varieties)	Livestock Specific Advisory
PIG	A clean, sanitary environment provides the best prevention for internal and external parasite which can be serious problems. For diseases that can be prevented by vaccination, a veterinarian should be contacted to provide such services routinely
	Gahori lagah gao bitor bahar tae puka bimar nalagiboh karoneh sapha parah palibo laghe. Bimar khan vaccination parah rukaboleh paria khan veterinary manu logotae alusnah kurighenah vaccination kuribi

Fisheries Specific Advisory:

Fisheries(Varieties)	Fisheries Specific Advisory
COMMON FISH	In winter months, fish are under stress and may show symptoms like erratic swimming behaviour, not eating, gasping at the surface, and others, including mortalities. If such symptoms are observed, immediately stop feeding, liming and manuring. Consult an expert for remedial measures
	Thanda mohinah tae mass khan pani tae khilah tho olop alagh hoi, dana bhal para nakhai, sas loboleh pani opor tae ahae aru morijah bi thakae. Enika dikhileh dana dia, chuna aru gobor dhalia tho bon kuribi. Upai karoneh fishery manu logotae alusnah kuribi

Poultry Specific Advisory:

Poultry(Varieties)	Poultry Specific Advisory
CHICKEN	Poultry equipments particularly waterer and feeder should be regularly cleaned and disinfected
	Pani aru dana dia borton khan somoi tae sapha kurithakibi



Gramin Krishi Mausam Sewa

India Meteorological Department

ICAR Complex Branch

Umiam, Meghalaya



Agromet Advisory Bulletin

Date : 10-12-2019

Weather Forecast of PEREN(Nagaland) Issued On : 2019-12-10(Valid Till 08:30 IST of the next 5 days)

Date (y-m-d)	Rainfall (mm)	Tmax (°C)	Tmin (°C)	RH I (%)	RH II (%)	Wind Speed (kmph)	Wind Direction (Degree)	cloud cover (Octa)
2019-12-11	1	24	10	93	57	3.8	146	1
2019-12-12	0	24	10	92	46	4.1	112	2
2019-12-13	0	25	11	90	44	4.1	110	5
2019-12-14	0	26	12	85	42	4.2	112	3
2019-12-15	0	25	10	84	43	4.4	112	0

Weather Summary/Alert:

Probability of no rainfall the coming days too.
Etia ahiboleh hapta tho pani nikiriboh pareh, akash tho olop lethere hobo pareh

General Advisory:

Use pheromone traps for monitoring and suppression of pest population
Puka komti kuriboleh pheromone traps cholabi

SMS Advisory:

Collect and destroy the fallen fruits which will minimize the infestation of fruit fly
Puka khan jama nohobo karoneh ghas para girijah fruits khan jama kurighenah dur tae phekabi nahoileh gadah khundighenah dhalibi

Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
RICE	POST HARVESTING STAGE: Freshly threshed rice must be dried well in the sun
	POST HARVESTING STAGE: Dhan bhal parah dhup te sukabi
GREEN GRAM	VEGETATIVE STAGE: Field control of insect pests and diseases should be done in time by integrating suitable physical, mechanical, bio-logical and cultural management strategies
	VEGETATIVE STAGE: Somoi tae puka bimari khan hath para, machine, dawai nahoileh cultural nium khan cholaighenah komti kuribi
RAPESEED	VEGETATIVE STAGE: Cabbage butterfly-The full grown larvae of this pest are 3 to 4 cm in length with bright yellowish-green colour and small hairs on the dorsal side. Larvae of this pest feed voraciously on the leaves, branches, pods of the crop. Plants defoliated with the result the small plants die while the grown up plants suffer in growth and yield. The caterpillars should be handpicked and killed

Crop(Varieties)	Crop Specific Advisory
	VEGETATIVE STAGE: Cabbage butterfly-Etu puka bacha dangor hua somoi te 3 - 4 cm lamba hoi aru yellow green colour hoi. Etu para pata, branch aru sobji guti khai. Puka lagijah chutu gass khan murijai aru dangor gass khan bi bhal parah guti nudhure. Etu puka tho hath parah ulaighenah muraidibi.
MAIZE	VEGETATIVE STAGE: Ensure optimum moisture availability during the most critical phase (45 to 65 days after sowing); otherwise yield will be reduced by a considerable extent VEGETATIVE STAGE: Bijon lagaighenah 45 parah 65 din tho bhal parah sabo lageh. Etu somoi te mathi bijah hea rakhibi nahoileh guti dhura tho bishi komti hobo
SESAME (GINGELLY/TIL)	Flowering stage: Surface irrigation at 3 cm depth during the critical stages, viz., 4-5 leaves, branching, flowering and pod formation will increase the yield by 35-52 per cent Flowering stage: Etia phul dhura somoi tae pani bhal para dibi. Enika kurileh guti ghurah tho 35-52 percent bishi hobo

Horticulture Specific Advisory:

Horticulture (Varieties)	Horticulture Specific Advisory
FRENCH BEAN	PODDING STAGE: Harvest during cool periods, such as late afternoon or early morning. Immediately after harvesting shift the harvested produce to shade. 2 to 3 pickings to be done at 4 - 5 days interval PODDING STAGE: French bean tho thanda somoi morning nahoileh sam te hi shingibi aru ulua logotae chaya jagah te rakhibi. 4-5 din te 2-3 bar hea shingibi

Livestock Specific Advisory:

Livestock(Varieties)	Livestock Specific Advisory
COW	If a separate shed is not available the animals for isolation should be tied at one end of the shed as far away from the apparently healthy stock as possible. Bimar khan alag te rakhiboleh ghor nathakileh, kontu ghor thakiase, etu kinar te rusi bandighenah bhal thaka janwar para parathok dur te rakhibi.
PIG	Pregnant sows should be dewormed with Panacur which is pregnancy safe anthelmintics Bacha bokhighenah thaka ama ke kechu dawai Panacur (Fenbendazole) pregnancy safe anthelmintic dibo lageh

Fisheries Specific Advisory:

Fisheries(Varieties)	Fisheries Specific Advisory
COMMON FISH	If the water level declines drastically, complete harvesting should be done. Or else, if there is sufficient water, continue feeding @ 16 kg/day/ha Pani ektum komti huijaileh, mass sob dhurilobi. Pani thik thakileh, dana di thakibi (ekk din ekk hectare tae 16 kg dana)

Poultry Specific Advisory:

Poultry(Varieties)	Poultry Specific Advisory
CHICKEN	Find out what diseases are prevalent in your area and arrange for vaccination and treatment if necessary Nijor thaka jagah tae ki bimar lagi thake, etu janibi aru etu hisap te vaccination kuribi



Gramin Krishi Mausam Sewa

India Meteorological Department

ICAR Complex Branch

Umiam, Meghalaya



Agromet Advisory Bulletin

Date : 10-12-2019

Weather Forecast of PHEK(Nagaland) Issued On : 2019-12-10(Valid Till 08:30 IST of the next 5 days)

Date (y-m-d)	Rainfall (mm)	Tmax (°C)	Tmin (°C)	RH I (%)	RH II (%)	Wind Speed (kmph)	Wind Direction (Degree)	cloud cover (Octa)
2019-12-11	4	23	12	96	44	2.4	212	3
2019-12-12	1	22	10	94	45	2.9	214	3
2019-12-13	0	24	10	87	33	2.9	162	5
2019-12-14	0	25	11	81	29	2.5	163	4
2019-12-15	0	25	10	85	33	2.7	158	0

Weather Summary/Alert:

Probability of light rainfall the coming days too, sky will be partly cloudy
Etia ahiboleh hapta tho pani nikiriboh pareh, akash tho olop lethere hobo pareh

General Advisory:

Use pheromone traps for monitoring and suppression of pest population
Puka komti kuriboleh pheromone traps cholabi

SMS Advisory:

Collect and destroy the fallen fruits which will minimize the infestation of fruit fly.
Puka khan jama nohobo karoneh ghas para girijah fruits khan jama kurighenah dur tae phekabi nahoileh gadah khundighenah dhalibi

Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
RICE	STORAGE: Place sticky traps in the drying and storage areas for rats
	STORAGE: Dhan suka jagah aru rakha jagah tae chuha doliboleh gum rakhibi
RAPESEED	VEGETATIVE STAGE: Keep the field free from weeds and daily scouting of the field should be done for aphid and other diseases
	VEGETATIVE STAGE: Jongol ghas nathakighenah sapha rakhibi aru somoi tae aphid aru alag bimar karoneh sai thakiboleh laghe
FIELD PEA	FLOWERING STAGE: Depending on the weather, irrigation should be done once a week
	Din lakha hisab te ekk hapta te pani to ekbar to dibo laghe
GINGER	HARVESTING STAGE: Late harvest can also be practiced, as the crop does not deteriorate by leaving it for some months underground
	HARVESTING STAGE: Adhuwa olop diri parah ulailehbi ekunahoi. Mathi bitor tae olop mohinah karoneh thakilehbi biyah hui najai

Horticulture Specific Advisory:

Horticulture (Varieties)	Horticulture Specific Advisory
BANANA	The implements used in affected plants should be disinfected by spirit before using them in healthy plants
	Bimar ghas tae chola hatiar khan spirit parah sapha kurighenah hi bhal ghas tae cholabi
CABBAGE	HEAD FORMATION: During earthing up, the plants should be supported with soil to avoid toppling of the plant during head formation
	HEAD FORMATION: Cobi dhura somoi tae girinajabo karoneh mati bhal parah uthabi

Livestock Specific Advisory:

Livestock(Varieties)	Livestock Specific Advisory
PIG	As the weather gets colder, your pigs' energy requirement will increase, as they need more energy to keep warm. Regularly monitor their level of 'fitness' and increase their feed intake to maintain
	Thanda mohinah tae gahori khan gao gorom rakhibo karoneh energy bishi lageh. Somoi tae gahori lagah gao sai thakibi aru etu hisab tae dana dia tho bishi kuribi.

Fisheries Specific Advisory:

Fisheries(Varieties)	Fisheries Specific Advisory
COMMON FISH	Discourage entry of birds and other animals into the pond
	Chirya aru janwar khan pukhuri tae gushiboleh nidibi

Poultry Specific Advisory:

Poultry(Varieties)	Poultry Specific Advisory
CHICKEN	To optimize production of poultry proper sanitation and hygiene should be maintained, all movable equipments like feeders, waterers should be cleaned and disinfected periodically, litters are to be scraped and removed
	Murgi bhal parah dangor hoboleh sapha parah palibi. Dana aru pani dia daba khan spaha rakhibi aru paikhenah khan thik somoi tae pekhabhi



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Umiam, Meghalaya



Agromet Advisory Bulletin

Date : 10-12-2019

Weather Forecast of TUENSANG(Nagaland) Issued On : 2019-12-10(Valid Till 08:30 IST of the next 5 days)

Date (y-m-d)	Rainfall (mm)	Tmax (°C)	Tmin (°C)	RH I (%)	RH II (%)	Wind Speed (kmph)	Wind Direction (Degree)	cloud cover (Octa)
2019-12-11	2	24	9	96	45	3.7	112	2
2019-12-12	1	23	9	94	49	3.8	115	4
2019-12-13	0	25	10	81	37	4.0	112	6
2019-12-14	0	26	11	75	31	4.1	124	4
2019-12-15	0	25	10	78	33	4.1	112	1

Weather Summary/Alert:

Probability of light rainfall the coming days, the weather will be dry, sky be partly cloudy
Etia ahibleh pass din dho din sukha, pani nikiriboh

General Advisory:

Use pheromone traps for monitoring and suppression of pest population
Puka komti kuriboleh pheromone traps cholabi

SMS Advisory:

Collect and destroy the fallen fruits which will minimize the infestation of fruit fly.
Puka khan jama nohobo karoneh ghas para girijah fruits khan jama kurighenah dur tae phekabi nahoileh gadah khundighenah dhalibi

Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
RICE	STORAGE: To manage rodent, particular attention should be paid to doors, ventilation openings, brickwork, and the junctions between the roof and the walls. Repair any damage to the store immediately.
	STORAGE: Chuha para bachiboleh darwaza, ventilation, ceiling aru wall lagah majotae chenda khan te bishi dhian dibi. Room tho bonaboleh thakileh bolailobi
FIELD PEA	FLOWERING STAGE: Remove left over weeds before shedding of their weed seeds to prevent further spread
	Jongol ghas bishi huinajabo karoneh, donti girinajah agotae jongol ghas aluaighenah phekahbi
MUSTARD	VEGETATIVE STAGE:Timely monitoring should be done for pest and diseases
	VEGETATIVE STAGE:Somoi tae puka bimari khan saithakibo laghe

Horticulture Specific Advisory:

Horticulture (Varieties)	Horticulture Specific Advisory
CABBAGE	Cupping stage: Scout crop once per week for caterpillars and proper management practices should be done.
	Cupping stage: Hopta te eek bar huilehbi caterpillar puka sabolageh aru thik nium te sobji bagan kuribolageh
ONION	VEGETATIVE STAGE: In seed crop, thrips should be controlled well before flowers open
	VEGETATIVE STAGE: Bijon karoneh rakha khan phul nudhura agotae, thrips puka lagiboleh nidibi

Livestock Specific Advisory:

Livestock(Varieties)	Livestock Specific Advisory
PIG	As the weather gets colder, your pigs' energy requirement will increase, as they need more energy to keep warm. Regularly monitor their level of 'fitness' and increase their feed intake to maintain
	Thanda mohinah tae gahori khan gao gorom rakhibo karoneh energy bishi lageh. Somoi tae gahori lagah gao sai thakibi aru etu hisab tae dana dia tho bishi kuribi.

Fisheries Specific Advisory:

Fisheries(Varieties)	Fisheries Specific Advisory
COMMON FISH	Diseased or injured fish should be dipped in 1 ppm Potassium permanganate, KMnO ₄ solution for 1 minute and then release into the pond
	Bimar aru jokhom thaka mass khan ekk litter pani tae ekk milligram Potassium Permanganate, KMnO ₄ solution tae, ekk minute rakhighenah wapass pukhuri tae dhalibi



Gramin Krishi Mausam Sewa

India Meteorological Department

ICAR Complex Branch

Umiam, Meghalaya



Agromet Advisory Bulletin

Date : 10-12-2019

Weather Forecast of WOKHO(Nagaland) Issued On : 2019-12-10(Valid Till 08:30 IST of the next 5 days)

Date (y-m-d)	Rainfall (mm)	Tmax (°C)	Tmin (°C)	RH I (%)	RH II (%)	Wind Speed (kmph)	Wind Direction (Degree)	cloud cover (Octa)
2019-12-11	0	24	10	96	55	4.0	112	1
2019-12-12	0	24	10	96	59	4.4	110	2
2019-12-13	0	24	10	93	54	4.9	112	6
2019-12-14	0	25	11	89	47	4.6	112	3
2019-12-15	0	26	9	85	45	4.8	112	2

Weather Summary/Alert:

Probability of no rain the coming week. Sky will be partly cloudy
Etia ahiboleh hapta tho pani nikiriboh pareh, akash tho olop lethere hobo pareh

General Advisory:

Use pheromone traps for monitoring and suppression of pest population
Puka komti kuriboleh pheromone traps cholabi

SMS Advisory:

Collect and destroy the fallen fruits which will minimize the infestation of fruit fly
Puka khan jama nohobo karoneh ghas para girijah fruits khan jama kurighenah dur tae phekabi nahoileh gadah khundighenah dhalibi

Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
RICE	STORAGE: Keep the store absolutely clean. Remove any spilt grain immediately to prevent rodent attack
	Dhan rakha lagha ghor to sabha rakhibo laghe. Mati te dhan khan kirikhena daka khan to saba khoridibi, joha nahibo karoneh
RAPESEED	VEGETATIVE STAGE: Cabbage butterfly-The full grown larvae of this pest are 3 to 4 cm in length with bright yellowish-green colour and small hairs on the dorsal side. Larvae of this pest feed voraciously on the leaves, branches, pods of the crop. Plants defoliated with the result the small plants die while the grown up plants suffer in growth and yield. The caterpillars should be handpicked and killed
	VEGETATIVE STAGE: Cabbage butterfly-Etu puka bacha dangor hua somoi te 3 - 4 cm lamba hoi aru yellow green colour hoi. Etu para pata, branch aru sobji guti khai. Puka lagijah chutu gass khan murijai aru dangor gass khan bi bhal parah guti nudhure. Etu puka tho hath parah ulaighenah muraidibi.
FIELD PEA	FLOWERING STAGE: Depending on the weather, irrigation should be done once a week

Crop(Varieties)	Crop Specific Advisory
	Din lakha hisab te ekk hapta te pani to ekbar to dibo laghe

Horticulture Specific Advisory:

Horticulture (Varieties)	Horticulture Specific Advisory
FRENCH BEAN	PODDING STAGE: Harvest during cool periods, such as late afternoon or early morning. Immediately after harvesting shift the harvested produce to shade. 2 to 3 pickings to be done at 4 - 5 days interval
	PODDING STAGE: French bean tho thanda somoi morning nahoileh sam te hi shingibi aru ulua logotae chaya jagah te rakhibi. 4-5 din te 2-3 bar hea shingibi
CABBAGE	EARLY HEAD FORMATION: Install yellow sticky trap @12 nos/ha to monitor aphids
	EARLY HEAD FORMATION: Aphids puka karoneh yellow gum phang ekta hectare tae 12 nishinah rakhibi

Livestock Specific Advisory:

Livestock(Varieties)	Livestock Specific Advisory
PIG	Occurrence of most of the diseases can be prevented by following strict hygienic measure and by timely vaccination of pigs
	Bimari khan bishe to komti khuribo karoneh ghor sabha rakibo laghe, aru somoi te vaccination koribi

Fisheries Specific Advisory:

Fisheries(Varieties)	Fisheries Specific Advisory
COMMON FISH	The natural food is inadequate, so supplementary feed (rice bran or wheat bran mixture with groundnut oil cake /mustard oilcake / cottonseed oilcake in ratio of 1:1) is required.
	Natural dana tho komti ase, etu karoneh supplementary dana (rice bran nuhuileh wheat bran mixture groundnut oil cake logotae/mustard oilcake / cottonseed oilcake khan 1:1 ration hisap parah khelabi

Poultry Specific Advisory:

Poultry(Varieties)	Poultry Specific Advisory
CHICKEN	Protect poultry birds from cold winds by hanging curtain/clothing from outside the poultry shed. Use of electric bulbs for heat is advisable
	Thanda hawa nalagibo karoneh ghor kinar te bosta nahoileh kapra parah bon kuribi. Gorom thakibo karoneh electric bulbs cholaileh bhal ase