



**Gramin Krishi Mausam Sewa**  
India Meteorological Department  
ICAR Complex Branch  
Umiam, Meghalaya



## Agromet Advisory Bulletin

Date : 03-12-2019

**Weather Forecast of ZUNHEBOTO(Nagaland) Issued On : 2019-12-03(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)
2019-12-04	0	25	12	92	43	3.2	112	1
2019-12-05	0	25	11	89	36	3.8	112	2
2019-12-06	0	27	11	78	28	4.0	115	6
2019-12-07	0	26	13	81	32	3.5	109	4
2019-12-08	0	25	12	86	39	3.6	109	1

### Weather Summary/Alert:

Probability of no rainfall the coming few days
Ahiboleh dui tin din borokhon nigiribolhe dikhai ase

### General Advisory:

Regular pest monitoring should be carried out and collect and carefully destroy the larvae atleast twice a week
Hudai khetai te jai somoi te pukha khan ase nai sabi, aru takishe koilhe udai khena muraidhebi

### SMS Advisory:

Diseased or injured fish should be dipped in 1 ppm potassium permanganate, KMnO4 solution for 1 minute and then release into the pond
Bimar aru jokom hua mass khan 1ppm potassium permanganate, KMnO4 solution te ekk minute rakhibi aru ulaighenah pukhuri te dhalibi

### Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
RICE	STORAGE: Keep the store free of rubbish in order not to provide the rodents with any places to hide or nest. Burn or bury it
	STORAGE: Chuha khan ghor nobonabo hisap tae, dhan rakibo jagah tho sapha rakhibi. Letra jabra khan jolaidibi
RAPESEED	VEGETATIVE STAGE: Cabbage butterfly: Larvae of this pest feed voraciously on the leaves, branches and pods of the crop. Plants are defoliated with the result the small plants die while the grown up plants suffer in growth and yield. Hand pick and kill the caterpillars
	Cabbage butterfly: Etu laka puka para pata khan bishi kaite. Ghas to dangkor nohoi aru apni bapa nishena pal para nodoribo. Khetai /Pagan te utai jai somoi te caterpillars khan to utai khan jolaidhebi
FIELD PEA	VEGETATIVE STAGE: Collect and destroy diseased and insect infected plant parts
	Bimar, pukha ghas khan somoi te ulai khena bilabi

**Horticulture Specific Advisory:**

<b>Horticulture (Varieties)</b>	<b>Horticulture Specific Advisory</b>
FRENCH BEAN	VEGETATIVE STAGE: It is sensitive to water stress condition. So timely irrigation should be done French bean to pani dhik so moi te dibo laghe, nohoilhe dai koti pal para notoribo
CABBAGE	9- 12 TRUE LEAF: Diamond back moth, cabbage worm and cabbage looper larvae may be present and could require control measure Etia lagha somoi te Diamond back moth, cabbage worm aru cabbage looper para diktar dibo. Puka to olop daka somoi te jolti control korilobi

**Livestock Specific Advisory:**

<b>Livestock(Varieties)</b>	<b>Livestock Specific Advisory</b>
PIG	Daily inspection early in the morning should be done for any abnormal behaviour Hudai morning tae gahori lagah gao kinika ase sai thakibo laghe

**Fisheries Specific Advisory:**

<b>Fisheries(Varieties)</b>	<b>Fisheries Specific Advisory</b>
COMMON FISH	Liming during winter months is essential even if the pH is within the desired range. This is because fish are susceptible to diseases and lime act as a prophylactic agent Etia thanda moinah ahiase, to pukhuri dhe pH dho dhik ase koilebi liming to khoriboleh lakhe kalhekoileh mass khan to bimar hobo bishe easy ase aru apni liming khoria kharoneh bimar para bachhai

**Poultry Specific Advisory:**

<b>Poultry(Varieties)</b>	<b>Poultry Specific Advisory</b>
CHICKEN	As the temperature is dropping, provide vitamin complex. Get ready to provide warmth by use of incandescent bulbs to protect them from cold winds by use of plastic sheets, jute sacks and plastic sacks Temperature tho thanda hui ase etu karoneh vitamin complex dibo lageh. Hawa thanda parah bachibo karoneh plastic nahoileh bosta parah ghor kinar bon kuribi aru bulb bi cholabi



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## Agromet Advisory Bulletin

Date : 03-12-2019

Weather Forecast of DIMAPUR(Nagaland) Issued On : 2019-12-03(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)
2019-12-04	0	25	11	86	51	5.6	112	0
2019-12-05	0	25	11	78	45	5.6	45	3
2019-12-06	0	25	11	73	42	5.4	34	3
2019-12-07	0	25	12	72	40	5.6	34	1
2019-12-08	0	25	12	78	44	5.4	34	0

### Weather Summary/Alert:

Probability of no rainfall the coming days
Etia ahibolhe din bi pani nikiribo

### General Advisory:

Regular pest monitoring should be carried out and collect and carefully destroy the larvae atleast twice a week.
Hudai kheti te jai somoi te pukha khan ase nai sabi, aru takishe koilhe udai khena muraidhebi

### SMS Advisory:

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### Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
RICE	HARVESTING STAGE: Rice should be harvested when the grains on lower part of the panicle are in hard dough stage.
	HARVESTING STAGE: Dhan mutha lagah niche khan kitia taan hobo, etu somoi tae dan katibi
GREEN GRAM	VEGETATIVE STAGE: Keep field boundary and bunds clean of weeds
	VEGETATIVE STAGE: khiti majotae aru kinar khan sapha rakhibi
RAPESEED	Mustard aphid: Cold and cloudy weather favours the multiplication of the pest, proper monitoring should be done. If infestation are seen contact the nearest agri department at the earliest
	Thanda somoi tae Mustard aphid puka bishi hoi. Etu karoneh sai thakibo lageh. Puka lagighenah thakileh, osor agri department logotae alusnah kuribi
MAIZE	VEGETATIVE STAGE: Knee height stage, flowering and grain filling are the most sensitive stage for irrigation. Atleast provide light irrigation during this stage.

Crop(Varieties)	Crop Specific Advisory
SESAME (GINGELLY/TIL)	VEGETATIVE STAGE: Ghas 2ft hua somoi, phul ulua aru guti dhura somoi tae pani dibo lageh
	LEAF CURL: For control of leaf curl disease, remove and destroy disease affected sesame plants as well as the diseases collateral hosts like chilli, tomato etc
	Leaf curl bimar komti kuriboleh, bimar lagijah ghas khan ulaighenah julaidibi

#### Horticulture Specific Advisory:

Horticulture (Varieties)	Horticulture Specific Advisory
FRENCH BEAN	FLOWERING STAGE: Timely irrigation should be done as deform pods can result from water stress
	FLOWERING STAGE: Somoi tae bagan tae pani dibo lageh. Pani bhal para nidileh guti bhal nudhuriboh

#### Livestock Specific Advisory:

Livestock(Varieties)	Livestock Specific Advisory
COW	If the animals have not yet been vaccinated against FMD, Haemorrhagic Septicaemia, Black Quarter, Enterotoxemia etc., this must be done during this month.
	FMD, Haemorrhagic Septicaemia, Black Quarter, Enterotoxemia khan nishinah karoneh vaccination nukurighenah thakileh, etu mohinah tae kurilobi

#### 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	Vitamin deficiencies can cause birds to start feather picking which will become a problem. So timely vitamins should be provided along with the feed
	Vitamin komti huileh murgi pangkha ulaidibo lagah hoi aru etu tho diktar ase. Etu karoneh somoi tae dana logotae vitamins bi khelabi



## Gramin Krishi Mausam Sewa

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Date : 03-12-2019

Weather Forecast of KIPHIRE(Nagaland) Issued On : 2019-12-03(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)
2019-12-04	0	26	12	76	28	3.2	68	1
2019-12-05	0	27	12	68	24	3.4	70	3
2019-12-06	0	27	12	56	18	4.1	118	5
2019-12-07	0	26	12	69	26	3.7	79	3
2019-12-08	0	26	12	71	25	3.3	68	0

### Weather Summary/Alert:

Probability of no rainfall in the coming few days
Ahiboleh din bi borokhon nighiribolhe dikhai ase

### General Advisory:

Regular pest monitoring should be carried out and collect and carefully destroy the larvae atleast twice a week
Hudai khete te jai somoi te pukha khan ase nai sabi, aru takishe koilhe udai khena muraidhebi

### SMS Advisory:

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Bimar aru jokom hua mass khan 1ppm potassium permanganate, KMnO4 solution te ekk minute rakhibi aru ulaighenah pukhuri te dhalibi

### Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
RICE	POST HARVESTING STAGE: Proper drying of the grain should be done as it will increase the shelf life of the grain, prevent the deterioration in quality
	Dhan khan naraka agotae pal para sukhaba, enika hoile dai jolti biya nohobo
FIELD PEA	VEGETATIVE STAGE: Collect and destroy diseased and insect infected plant parts
	Bimar, pukha ghas khan somoi te ulai khena bilabi
MUSTARD	VEGETATIVE SOWING: Weeding and thinning out should be done after third week of sowing. Another weeding should be done in the 6th week of sowing
	Bijon to lakai khena tin hapta biche te habi bilabi, aru jaka jaka te bijon bishe taka khan ulai debi. Aru ekta habi lakai khena joi hapta te aru koribo laghe

### Horticulture Specific Advisory:

Horticulture (Varieties)	Horticulture Specific Advisory
CABBAGE	9- 12 TRUE LEAF: For Cabbage borer, collect and destroy caterpillars mechanically in the early stages of attack
	Cabbage borer komti koribo karoneh, caterpillar khan to hat para hudai ulai khan jolaidebi
ONION	VEGETATIVE STAGE: For 30 to 45 days after transplanting, it should be weed free followed by timely intercultural operation and hand weeding
	VEGETATIVE STAGE: Transplant kura pichetae 30-40 din thok jongol khan hath parah sapha kurithakibi
COLOCASIA/ TARO	Harvesting stage. Clean the debris and sundry the harvested tubers
	Kochu kuti khan tho bhal para sabha kuri kina, doob te sukhai dibo lage

#### Livestock Specific Advisory:

Livestock(Varieties)	Livestock Specific Advisory
PIG	Ration of the pigs should be changed at different stages of growth but the shift from one ration to another should be done gradually in order not to upset the normal feeding behaviour of the pigs. Always allow a transition period of atleast one week before making changes
	Gahori dangor huithaka hisab tae dana dia bi bodli kuribi, huileh bi dana kha nium biya nohobo karoneh achanak parah bodli nukuribi. Ekk hopta charighenah astae parah bodli kurikhatibi

#### Fisheries Specific Advisory:

Fisheries(Varieties)	Fisheries Specific Advisory
COMMON FISH	Poorly managed ponds are infested with floating, marginal weeds which causes oxygen issue, provides shelter to predator fish and insect, reduces the living space, obstruct netting, harvesting. Timely maintenance should be done
	Pukhuri latera khan to habi khan takhe etu para mass khan sass lobo leh diktari hoi, pukha khan ulabo. To apni khan para dhak pukhuri to saba rakhibi
COMMON FISH	The ration should be change according to the requirements of the bird. Young bird should be provided with ration which is rich in protein while laying birds need plenty of minerals
	Murghi kenika dangkor hoi, etu lakha hisab te dana bi enika dibo laghe. Baccha khan to protein bishe laghe, anda ba khan to mineral bishe laghe



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Weather Forecast of KOHIMA(Nagaland) Issued On : 2019-12-03(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)
2019-12-04	5	23	12	99	73	4.2	158	1
2019-12-05	0	25	12	95	50	5.3	160	3
2019-12-06	0	27	12	84	43	6.4	158	6
2019-12-07	0	26	13	92	43	4.9	158	2
2019-12-08	2	25	12	96	54	4.6	161	1

### Weather Summary/Alert:

The coming five days weather will be dry with probability of no rainfall
Etia ahiboleh din to pani nikiribo leh pareh

### General Advisory:

Regular pest monitoring should be carried out and collect and carefully destroy the larvae atleast twice a week
Hudai khete te jai somoi te pukha khan ase nai sabi, aru takishe koilhe udai khena muraidhebi

### SMS Advisory:

Diseased or injured fish should be dipped in 1 ppm potassium permanganate, KMnO4 solution for 1 minute and then release into the pond
Bimar aru jokom hua mass khan 1ppm potassium permanganate, KMnO4 solution te ekk minute rakhibi aru ulaighenah pukhuri te dhalibi

### Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
RICE	STORAGE: Keep the areas, surrounding the store, free of tall weeds so as not to give the rodents any cover, they have an aversion to crossing open spaces
	Dhan rakha lakha ghor bar khan to habi, jongol khan sabha koribo laghe. Enika huile jowa khan para diktar nidibo
RAPESEED	Mustard aphid: Cold and cloudy weather favours the multiplication of the pest, proper monitoring should be done. If infestation are seen contact the nearest agri department at the earliest
	Thanda somoi tae Mustard aphid puka bishi hoi. Etu karoneh sai thakibo lageh. Puka lagighenah thakileh, osor agri department logotae alusnah kuribi
FIELD PEA	VEGETATIVE STAGE: Collect and destroy diseased and insect infected plant parts
	Bimar, pukha ghas khan somoi te ulai khena bilabi

### Horticulture Specific Advisory:

Horticulture (Varieties)	Horticulture Specific Advisory
BANANA	For bunchy top virus, where the leaves are short, close to each other, bunched at the top. Proper survey should be done and eradicate the infected plants regularly
	Bunchy top virus, te pata khan kata hoijai, dangkor nahoi, aru opor te bunched hoijai. Saidakibo laghe aru takishe koile ulai khena jolai dhebi
CABBAGE	9- 12 TRUE LEAF: For cabbage leaf webber, remove and destroy the webbed leaves with caterpillars within
	Cabbage leaf webber karoneh, pata khan webbed taka khan aru caterpillar khan dakishe koile ulai khena pilab

#### Livestock Specific Advisory:

Livestock(Varieties)	Livestock Specific Advisory
PIG	Ration of the pigs should be changed at different stages of growth but the shift from one ration to another should be done gradually in order not to upset the normal feeding behaviour of the pigs. Always allow a transition period of atleast one week before making changes
	Gahori dangor huithaka hisab tae dana dia bi bodli kuribi, huileh bi dana kha nium biya nohobo karoneh achanak parah bodli nukuribi. Ekk hopta charighenah astae parah bodli kurikhatibi

#### Fisheries Specific Advisory:

Fisheries(Varieties)	Fisheries Specific Advisory
COMMON FISH	As far as possible do not disturb the pond. Prune the tree branches along the pond embankment and allow enough sunlight to fall on the pond water surface
	Pukhuri pani tho parah thok disturb nukuribi. Pukhuri kinar tae ghas lagah branch khan katilobi. Pani opor tae dhup bhal parah pabo lageh

#### Poultry Specific Advisory:

Poultry(Varieties)	Poultry Specific Advisory
CHICKEN	Vaccination should be started for prevalent disease like Ranikhet disease and deworm after every two months for backyard and intensive system both.
	Ranikhet bimar karoneh Vaccination dho shuru khorianai khoileh, ajikali shurukhoribi aru parishekoileh dui moinah bichhedeh kichu dawai to dibo lag



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Date : 03-12-2019

Weather Forecast of LONGLENG(Nagaland) Issued On : 2019-12-03(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)
2019-12-04	0	26	12	77	41	5.4	116	0
2019-12-05	0	26	11	76	35	5.4	146	0
2019-12-06	0	27	12	72	33	5.2	158	3
2019-12-07	0	27	12	68	32	5.3	158	2
2019-12-08	0	26	12	77	40	5.2	154	0

### Weather Summary/Alert:

Probability of no rainfall the coming few days
Ahiboleh dui tin din borokhon nigiribolhe dikhai ase

### General Advisory:

Regular pest monitoring should be carried out and collect and carefully destroy the larvae atleast twice a week.
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### Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
RICE	STORAGE: Keep the store free of rubbish in order not to provide the rodents with any places to hide or nest. Burn or bury it
	STORAGE: Chuha khan ghor nobonabo hisap tae, dhan rakibo jagah tho sapha rakhibi. Letra jabra khan jolaidibi
RAPESEED	VEGETATIVE STAGE: Cabbage butterfly: Larvae of this pest feed voraciously on the leaves, branches and pods of the crop. Plants are defoliated with the result the small plants die while the grown up plants suffer in growth and yield. Hand pick and kill the caterpillars
	Cabbage butterfly: Etu laka puka para pata khan bishi kaite. Ghas to dangkor nohoi aru apni bapa nishena pal para nodoribo. Kheti /Pagan te utai jai somoi te caterpillars khan to utai khan jolaidhebi
FIELD PEA	VEGETATIVE STAGE: Collect and destroy diseased and insect infected plant parts
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**Horticulture Specific Advisory:**

<b>Horticulture (Varieties)</b>	<b>Horticulture Specific Advisory</b>
FRENCH BEAN	VEGETATIVE STAGE: It is sensitive to water stress condition. So timely irrigation should be done French bean to pani dhik so moi te dibo laghe, nohoilhe dai koti pal para notoribo
CABBAGE	9- 12 TRUE LEAF: Diamond back moth, cabbage worm and cabbage looper larvae may be present and could require control measure Etia lagha somoi te Diamond back moth, cabbage worm aru cabbage looper para diktar dibo. Puka to olop daka somoi te jolti control korilobi

**Livestock Specific Advisory:**

<b>Livestock(Varieties)</b>	<b>Livestock Specific Advisory</b>
PIG	Daily inspection early in the morning should be done for any abnormal behaviour Hudai morning tae gahori lagah gao kinika ase sai thakibo laghe

**Fisheries Specific Advisory:**

<b>Fisheries(Varieties)</b>	<b>Fisheries Specific Advisory</b>
COMMON FISH	Liming during winter months is essential even if the pH is within the desired range. This is because fish are susceptible to diseases and lime act as a prophylactic agent. Etia thanda moinah ahiase, to pukhuri dhe pH dho dhik ase koilebi liming to khoriboleh lakhe kalhekoileh mass khan to bimar hobo bishe easy ase aru apni liming khoria kharoneh bimar para bachhai

**Poultry Specific Advisory:**

<b>Poultry(Varieties)</b>	<b>Poultry Specific Advisory</b>
CHICKEN	As the temperature is dropping, provide vitamin complex. Get ready to provide warmth by use of incandescent bulbs to protect them from cold winds by use of plastic sheets, jute sacks and plastic sacks Temperature tho thanda hui ase etu karoneh vitamin complex dibo lageh. Hawa thanda parah bachibo karoneh plastic nahoileh bosta parah ghor kinar bon kuribi aru bulb bi cholabi



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Weather Forecast of MOKOKCHUNG(Nagaland) Issued On : 2019-12-03(Valid Till 08:30 IST of the next 5 days)

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District Level Agromet Advisory Bulletin

ICAR Complex Branch

Umiam, Meghalaya

(Project Sponsored by IMD, Ministry of Earth Sciences, Govt. of India)



## Agromet Advisory Bulletin

Date : 03-12-2019

Weather Forecast of MON(Nagaland) Issued On : 2019-12-03(Valid Till 08:30 IST of the next 5 days)

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2019-12-04	0	26	11	73	43	5.6	158	0
2019-12-05	0	26	11	72	40	5.8	154	0
2019-12-06	0	27	11	70	37	5.4	158	2
2019-12-07	0	27	12	70	36	5.4	158	2
2019-12-08	0	26	12	78	45	5.3	158	0

### Weather Summary/Alert:

Probability of no rainfall the coming days
Etia ahiboleh din to pani nikiriboleh pareh

### General Advisory:

Regular pest monitoring should be carried out and collect and carefully destroy the larvae atleast twice a week.
Hudai kheti te jai somoi te pukha khan ase nai sabi, aru takishe koilhe udai khena muraidhebi

### SMS Advisory:

Diseased or injured fish should be dipped in 1 ppm potassium permanganate, KMnO4 solution for 1 minute and then release into the pond
Bimar aru jokom hua mass khan 1ppm potassium permanganate, KMnO4 solution te ekk minute rakhibi aru ulaighenah pukhuri te 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
POTATO	VEGETATIVE STAGE: Depending on the climatic and soil condition irrigation should be done at 7-15 days interval
	Etia lakha somoi te dui hapta biche te pani ekbar dalibi
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
RAPESEED	VEGETATIVE STAGE: Timely intercultural operation should be done
	Dhik somoi te habi khan saba khori dakibo laghe

Crop(Varieties)	Crop Specific Advisory
GARLIC	VEGETATIVE STAGE: Overcrowding of plants or dense sowing of garlic seeds should be avoided
	Loson dho ekta jakha te bishe ulabo nidibo laghe , enika hoile ghas to pal para nolabo

#### Horticulture Specific Advisory:

Horticulture (Varieties)	Horticulture Specific Advisory
ONION	VEGETATIVE STAGE:For 30 to 45 days after transplanting, it should be weed free followed by timely intercultural operation and hand weeding
	VEGETATIVE STAGE: Transplant kura pichetae 30-40 din thok jongol khan hath parah sapha kurithakibi

#### 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	If the water level is very low, partially harvest some of the stocked fishes
	Pukhuri te pani komti hoishe koilhe, mass olop to durilobi

#### Poultry Specific Advisory:

Poultry(Varieties)	Poultry Specific Advisory
CHICKEN	Sick bird should be immediately separated/ culled from healthy flock
	Murghi olop bimar dika somoi te alak ghor te rakhibi, aru bishe bimar hoilhe khati khena mati te robai dhebi



# Gramin Krishi Mausam Sewa

District Level Agromet Advisory Bulletin

ICAR Complex Branch

Umiam, Meghalaya

(Project Sponsored by IMD, Ministry of Earth Sciences, Govt. of India)



## Agromet Advisory Bulletin

Date : 03-12-2019

Weather Forecast of PEREN(Nagaland) Issued On : 2019-12-03(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)
2019-12-04	0	24	12	97	56	4.3	112	0
2019-12-05	0	25	13	87	46	4.5	112	3
2019-12-06	0	26	12	73	36	4.5	112	2
2019-12-07	0	26	13	79	37	4.4	112	1
2019-12-08	0	25	13	86	46	4.3	112	0

### Weather Summary/Alert:

The coming days weather will be dry with probability of no rainfall  
Etia ahibolhe din bi pani nikiribo

### General Advisory:

Regular pest monitoring should be carried out and collect and carefully destroy the larvae atleast twice a week.  
Hudai kheti te jai somoi te pukha khan ase nai sabi, aru takishe koilhe udai khena muraidhebi

### SMS Advisory:

Diseased or injured fish should be dipped in 1 ppm potassium permanganate, KMnO4 solution for 1 minute and then release into the pond  
Bimar aru jokom hua mass khan 1ppm potassium permanganate, KMnO4 solution te ekk minute rakhibi aru ulaighenah pukhuri te dhalibi

### Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
RICE	HARVESTING STAGE: Rice should be harvested when the grains on lower part of the panicle are in hard dough stage.
	HARVESTING STAGE: Dhan mutha lagah niche khan kitia taan hobo, etu somoi tae dan katibi
GREEN GRAM	VEGETATIVE STAGE: Keep field boundary and bunds clean of weeds
	VEGETATIVE STAGE: khiti majotae aru kinar khan sapha rakhibi
RAPESEED	Mustard aphid: Cold and cloudy weather favours the multiplication of the pest, proper monitoring should be done. If infestation are seen contact the nearest agri department at the earliest
	Thanda somoi tae Mustard aphid puka bishi hoi. Etu karoneh sai thakibo lageh. Puka lagighenah thakileh, osor agri department logotae alusnah kuribi

Crop(Varieties)	Crop Specific Advisory
MAIZE	VEGETATIVE STAGE: Knee height stage, flowering and grain filling are the most sensitive stage for irrigation. Atleast provide light irrigation during this stage.
	VEGETATIVE STAGE: Ghas 2ft hua somoi, phul ulua aru guti dhura somoi tae pani dibo lageh

#### Horticulture Specific Advisory:

Horticulture (Varieties)	Horticulture Specific Advisory
FRENCH BEAN	FLOWERING STAGE: Timely irrigation should be done as deform pods can result from water stress
	FLOWERING STAGE: Somoi tae bagan tae pani dibo lageh. Pani bhal para nidileh guti bhal nudhuriboh

#### Livestock Specific Advisory:

Livestock(Varieties)	Livestock Specific Advisory
COW	If the animals have not yet been vaccinated against FMD, Haemorrhagic Septicaemia, Black Quarter, Enterotoxemia etc., this must be done during this month.
	FMD, Haemorrhagic Septicaemia, Black Quarter, Enterotoxemia khan nishinah karoneh vaccination nukurighenah thakileh, etu mohinah tae kurilobi

#### Fisheries Specific Advisory:

Fisheries(Varieties)	Fisheries Specific Advisory
COMMON CARP	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	Vitamin deficiencies can cause birds to start feather picking which will become a problem. So timely vitamins should be provided along with the feed
	Vitamin komti huileh murgi pangkha ulaidibo lagah hoi aru etu tho diktar ase. Etu karoneh somoi tae dana logotae vitamins bi khelabi



**Gramin Krishi Mausam Sewa**  
India Meteorological Department  
ICAR Complex Branch  
Umiam, Meghalaya



## Agromet Advisory Bulletin

Date : 03-12-2019

Weather Forecast of PHEK(Nagaland) Issued On : 2019-12-03(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)
2019-12-04	1	25	12	94	38	1.8	180	1
2019-12-05	0	25	12	86	31	2.8	162	3
2019-12-06	0	26	12	71	25	3.5	158	4
2019-12-07	0	25	13	84	33	2.7	158	3
2019-12-08	0	25	12	89	35	2.1	159	1

### Weather Summary/Alert:

Probability of light rain tomorrow, with cloudy sky the remaining days
Kali pani olop kiribo pareh, akash tho eman sabha nohobo

### General Advisory:

Regular pest monitoring should be carried out and collect and carefully destroy the larvae atleast twice a week.
Hudai kheti te jai somoi te pukha khan ase nai sabi, aru takishe koilhe udai khena muraidhebi

### SMS Advisory:

Diseased or injured fish should be dipped in 1 ppm potassium permanganate, KMnO4 solution for 1 minute and then release into the pond
Bimar aru jokom hua mass khan 1ppm potassium permanganate, KMnO4 solution te ekk minute rakhibi aru ulaighenah pukhuri te dhalibi

### Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
RICE	STORAGE: Keep the areas, surrounding the store, free of tall weeds so as not to give the rodents any cover, they have an aversion to crossing open spaces
	Dhan rakha lakha ghor bar khan to habi, jongol khan sabha koribo laghe. Enika huile jowa khan para diktar nidibo
RAPESEED	Mustard aphid: Cold and cloudy weather favours the multiplication of the pest, proper monitoring should be done. If infestation are seen contact the nearest agri department at the earliest
	Thanda somoi tae Mustard aphid puka bishi hoi. Etu karoneh sai thakibo lageh. Puka lagighenah thakileh, osor agri department logotae alusnah kuribi
FIELD PEA	VEGETATIVE STAGE: Collect and destroy diseased and insect infected plant parts
	Bimar, pukha ghas khan somoi te ulai khena bilabi

### Horticulture Specific Advisory:

Horticulture (Varieties)	Horticulture Specific Advisory
BANANA	For bunchy top virus, where the leaves are short, close to each other, bunched at the top. Proper survey should be done and eradicate the infected plants regularly
	Bunchy top virus, te pata khan kata hoijai, dangkor nahoi, aru opor te bunched hoijai. Saidakibo laghe aru takishe koile ulai khena jolai dhebi
CABBAGE	9- 12 TRUE LEAF: For cabbage leaf webber, remove and destroy the webbed leaves with caterpillars within
	Cabbage leaf webber karoneh, pata khan webbed taka khan aru caterpillar khan dakishe koile ulai khena pilabi

#### Livestock Specific Advisory:

Livestock(Varieties)	Livestock Specific Advisory
PIG	Ration of the pigs should be changed at different stages of growth but the shift from one ration to another should be done gradually in order not to upset the normal feeding behaviour of the pigs. Always allow a transition period of atleast one week before making changes
	Gahori dangor huithaka hisab tae dana dia bi bodli kuribi, huileh bi dana kha nium biya nohobo karoneh achanak parah bodli nukuribi. Ekk hopta charighenah astae parah bodli kurikhatibi

#### Fisheries Specific Advisory:

Fisheries(Varieties)	Fisheries Specific Advisory
COMMON FISH	As far as possible do not disturb the pond. Prune the tree branches along the pond embankment and allow enough sunlight to fall on the pond water surface
	Pukhuri pani tho parah thok disturb nukuribi. Pukhuri kinar tae ghas lagah branch khan katilobi. Pani opor tae dhup bhal parah pabo lageh

#### Poultry Specific Advisory:

Poultry(Varieties)	Poultry Specific Advisory
CHICKEN	Vaccination should be started for prevalent disease like Ranikhet disease and deworm after every two months for backyard and intensive system both.
	Ranikhet bimar karoneh Vaccination dho shuru khorianai khoileh, ajikali shurukhoribi aru parishekoileh dui moinah bichhedeh kichu dawai to dibo lag



## Gramin Krishi Mausam Sewa

India Meteorological Department

ICAR Complex Branch

Umiam, Meghalaya



# Agromet Advisory Bulletin

Date : 03-12-2019

Weather Forecast of TUENSANG(Nagaland) Issued On : 2019-12-03(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)
2019-12-04	0	26	12	79	34	4.2	112	1
2019-12-05	0	26	12	79	30	4.7	115	2
2019-12-06	0	27	13	71	26	4.3	112	6
2019-12-07	0	27	12	70	27	4.3	112	4
2019-12-08	0	26	12	79	33	4.4	112	0

### Weather Summary/Alert:

Probability of no rainfall in the coming few days
Ahiboleh din bi borokhon nighiribolhe dikhai ase

### General Advisory:

Regular pest monitoring should be carried out and collect and carefully destroy the larvae atleast twice a week.
Hudai khetai te jai somoi te pukha khan ase nai sabi, aru takishe koilhe udai khena muraidhebi

### SMS Advisory:

Diseased or injured fish should be dipped in 1 ppm potassium permanganate, KMnO4 solution for 1 minute and then release into the pond
Bimar aru jokom hua mass khan 1ppm potassium permanganate, KMnO4 solution te ekk minute rakhibi aru ulaighenah pukhuri te dhalibi

### Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
RICE	POST HARVESTING STAGE: Proper drying of the grain should be done as it will increase the shelf life of the grain, prevent the deterioration in quality
	Dhan khan naraka agotae pal para sukhaba, enika hoile dai jolti biya nohobo
FIELD PEA	VEGETATIVE STAGE: Collect and destroy diseased and insect infected plant parts
	Bimar, pukha ghas khan somoi te ulai khena bilabi
MUSTARD	VEGETATIVE SOWING: Weeding and thinning out should be done after third week of sowing. Another weeding should be done in the 6th week of sowing
	Bijon to lakai khena tin hapta biche te habi bilabi, aru jaka jaka te bijon bishe taka khan ulai debi. Aru ekta habi lakai khena joi hapta te aru koribo laghe

### Horticulture Specific Advisory:

Horticulture (Varieties)	Horticulture Specific Advisory
CABBAGE	9- 12 TRUE LEAF: For Cabbage borer, collect and destroy caterpillars mechanically in the early stages of attack
	Cabbage borer komti koribo karoneh, caterpillar khan to hat para hudai ulai khan jolaidebi
ONION	VEGETATIVE STAGE: For 30 to 45 days after transplanting, it should be weed free followed by timely intercultural operation and hand weeding
	VEGETATIVE STAGE: Transplant kura pichetae 30-40 din thok jongol khan hath parah sapha kurithakibi
COLOCASIA/ TARO	Harvesting stage. Clean the debris and sundry the harvested tubers
	Kochu kuti khan tho bhal para sabha kuri kina, doob te sukhai dibo lage

#### Livestock Specific Advisory:

Livestock(Varieties)	Livestock Specific Advisory
PIG	Ration of the pigs should be changed at different stages of growth but the shift from one ration to another should be done gradually in order not to upset the normal feeding behaviour of the pigs. Always allow a transition period of atleast one week before making changes
	Gahori dangor huithaka hisab tae dana dia bi bodli kuribi, huileh bi dana kha nium biya nohobo karoneh achanak parah bodli nukuribi. Ekk hopta charighenah astae parah bodli kurikhatibi

#### Fisheries Specific Advisory:

Fisheries(Varieties)	Fisheries Specific Advisory
COMMON FISH	Poorly managed ponds are infested with floating, marginal weeds which causes oxygen issue, provides shelter to predator fish and insect, reduces the living space, obstruct netting, harvesting. Timely maintenance should be done
	Pukhuri latera khan to habi khan takhe etu para mass khan sass lobo leh diktari hoi, pukha khan ulabo. To apni khan para dhak pukhuri to saba rakhibi

#### Poultry Specific Advisory:

Poultry(Varieties)	Poultry Specific Advisory
CHICKEN	The ration should be change according to the requirements of the bird. Young bird should be provided with ration which is rich in protein while laying birds need plenty of minerals
	Murghi kenika dangkor hoi, etu lakha hisab te dana bi enika dibo laghe. Baccha khan to protein bishe laghe, anda ba khan to mineral bishe laghe



**Gramin Krishi Mausam Sewa**  
India Meteorological Department  
ICAR Complex Branch  
Umiam, Meghalaya



## Agromet Advisory Bulletin

Date : 03-12-2019

Weather Forecast of WOKHO(Nagaland) Issued On : 2019-12-03(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)
2019-12-04	0	25	11	92	52	4.6	110	0
2019-12-05	0	25	11	88	46	4.9	110	1
2019-12-06	0	26	11	81	41	4.9	112	4
2019-12-07	0	26	12	80	41	4.8	112	2
2019-12-08	0	25	12	87	48	4.6	110	0

### Weather Summary/Alert:

Probability of no rainfall the coming few days
Ahiboleh dui tin din borokhon nigiribolhe dikhai ase

### General Advisory:

Regular pest monitoring should be carried out and collect and carefully destroy the larvae atleast twice a week
Hudai kheti te jai somoi te pukha khan ase nai sabi, aru takishe koilhe udai khena muraidhebi

### SMS Advisory:

Diseased or injured fish should be dipped in 1 ppm potassium permanganate, KMnO4 solution for 1 minute and then release into the pond
Bimar aru jokom hua mass khan 1ppm potassium permanganate, KMnO4 solution te ekk minute rakhibi aru ulaighenah pukhuri te dhalibi

### Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
RICE	STORAGE: Keep the store free of rubbish in order not to provide the rodents with any places to hide or nest. Burn or bury it
	STORAGE: Chuha khan ghor nobonabo hisap tae, dhan rakibo jagah tho sapha rakhibi. Letra jabra khan jolaidibi
RAPESEED	VEGETATIVE STAGE: Cabbage butterfly: Larvae of this pest feed voraciously on the leaves, branches and pods of the crop. Plants are defoliated with the result the small plants die while the grown up plants suffer in growth and yield. Hand pick and kill the caterpillars
	Cabbage butterfly: Etu laka puka para pata khan bishi kaite. Ghas to dangkor nohoi aru apni bapa nishena pal para nodoribo. Kheti /Pagan te utai jai somoi te caterpillars khan to utai khan jolaidhebi
FIELD PEA	VEGETATIVE STAGE: Collect and destroy diseased and insect infected plant parts
	Bimar, pukha ghas khan somoi te ulai khena bilabi

**Horticulture Specific Advisory:**

<b>Horticulture (Varieties)</b>	<b>Horticulture Specific Advisory</b>
FRENCH BEAN	VEGETATIVE STAGE: It is sensitive to water stress condition. So timely irrigation should be done French bean to pani dhik so moi te dibo laghe, nohoilhe dai koti pal para notoribo
CABBAGE	9- 12 TRUE LEAF: Diamond back moth, cabbage worm and cabbage looper larvae may be present and could require control measure Etia lagha somoi te Diamond back moth, cabbage worm aru cabbage looper para diktar dibo. Puka to olop daka somoi te jolti control korilobi

**Livestock Specific Advisory:**

<b>Livestock(Varieties)</b>	<b>Livestock Specific Advisory</b>
PIG	Daily inspection early in the morning should be done for any abnormal behaviour Hudai morning tae gahori lagah gao kinika ase sai thakibo laghe

**Fisheries Specific Advisory:**

<b>Fisheries(Varieties)</b>	<b>Fisheries Specific Advisory</b>
COMMON FISH	Liming during winter months is essential even if the pH is within the desired range. This is because fish are susceptible to diseases and lime act as a prophylactic agent. Etia thanda moinah ahiase, to pukhuri dhe pH dho dhik ase koilebi liming to khoriboleh lakhe kalhekoileh mass khan to bimar hobo bishe easy ase aru apni liming khoria kharoneh bimar para bachhai

**Poultry Specific Advisory:**

<b>Poultry(Varieties)</b>	<b>Poultry Specific Advisory</b>
CHICKEN	As the temperature is dropping, provide vitamin complex. Get ready to provide warmth by use of incandescent bulbs to protect them from cold winds by use of plastic sheets, jute sacks and plastic sacks Temperature tho thanda hui ase etu karoneh vitamin complex dibo lageh. Hawa thanda parah bachibo karoneh plastic nahoileh bosta parah ghor kinar bon kuribi aru bulb bi cholabi