



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 : 30-08-2019

Weather Forecast of WOKHO(Nagaland) Issued On : 2019-08-30(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) |
|-----------------|------------------|--------------|--------------|-------------|--------------|----------------------|----------------------------|-----------------------|
| 2019-08-31 | 29.0 | 33.0 | 26.0 | 94 | 65 | 4.4 | 144 | 8 |
| 2019-09-01 | 8.0 | 35.0 | 26.0 | 91 | 66 | 2.8 | 153 | 4 |
| 2019-09-02 | 13.0 | 35.0 | 26.0 | 91 | 55 | 4.1 | 111 | 8 |
| 2019-09-03 | 22.0 | 35.0 | 27.0 | 94 | 56 | 5.3 | 79 | 8 |
| 2019-09-04 | 32.0 | 34.0 | 28.0 | 94 | 69 | 5.2 | 133 | 8 |

Weather Summary/Alert:

Probability of light to moderate rain the coming week

Pani etu hapta bi kiribolhe dikaiase

General Advisory:

High humidity is favourable for occurrence of coccidiodial disease especially in poultry. Provide anti-coccidial drugs. Provide ample supply of clean drinking water, keep the house clean and dry

Humidity bishi huileh coccidiodial bimar ulai. Anti- coccidial drugs dibi. Sapha pani khelabi aru ghor sukha aru sapha rakhibi

SMS Advisory:

Due to humid weather conditions, there may be increase in population of insect pests. Farmers are advised to install pest specific pheromone traps in the fields for monitoring the insect.

Etia lakha somoi dhe Pukha khan bishi hobo. Apni khan parishekhoilhe dhik pukha lakha pheromone trap kheta dhe lagabi

Crop Specific Advisory:

| Crop(Varieties) | Crop Specific Advisory |
|----------------------|---|
| JHUM PADDY(LOCAL) | Fixing of dead crabs, frogs or even pieces of jackfruit (Artocarpus heterophyllas) to bamboo sticks in rice fields should be done to attract and divert pests from sucking milk of rice grain |
| | Bamboo tae murijah kekerah, beng nahoileh khotal dhalighenah khiti tae rakhibi. Gundhi bug puka dhan guti kha tho komti huighenah etu bamboo tae jama hoi |

| Crop(Varieties) | Crop Specific Advisory |
|----------------------|---|
| TRC OR WRC(LOCAL) | Maggot feeds at the base of the growing shoot, causing formation of a tube like gall that is similar to “onion leaf” or “Silver-shoot”. Infested tillers produce no panicles. Set up light trap and monitor the adult flies |
| | Gall midge puka bacha para dhan ghas notun ulaithaka khan khaideh. Khaidia ghas khan guti nadhureh. Etu karoneh light trap rakhibi aru dangor puka khan saithakibo lageh |
| SOYBEAN(LOCAL) | The plant is very sensitive to excess moisture and the crop is affected, if water stagnates in the field |
| | Mati tae moisture bishi huileh, soybean ghas karoneh bishi biyah ase. Pani jama hobo nidibi aru somoi tae ghas nichetae mathi uthabi |

Horticulture Specific Advisory:

| Horticulture (Varieties) | Horticulture Specific Advisory |
|--------------------------|---|
| BRINJAL(LOCAL) | Continuous cropping of brinjal leads to more borer and wilt infestation. Therefore, crop rotation with non-solanaceous crops should be followed |
| | Ekta jagah tae hi bar bar brinjal lagaileh, borer puka aru wilt bimar bishi hobo. Etu karoneh bodla bodli kurighenah hi sobji ghas khan lagabo lageh |
| CHILLI(LOCAL) | Early removal of affected plants will control the spread of the disease |
| | Bimar lagijah ghas khan joldi ulaighenah dulaidileh, bimar tho bishi hui najai |
| COLOCASIA(LOCAL) | Plot should be kept free of weeds for the first three months till the plant cover the interspaces. After the first earthing up a subsequent earthing up should be done lightly to prevent exposure of the growing tubers which would otherwise turn green |
| | Kochu lagaighenah tin mohinah tok, majot lagah jagah tae kochu ghas khan ulainajah thok jongal ghas sapha kurithakibi |

Livestock Specific Advisory:

| Livestock(Varieties) | Livestock Specific Advisory |
|----------------------|---|
| PIGGERY(LOCAL) | Occurrence of most of the diseases can be prevented by following strict hygienic measure and by timely vaccination of pigs. A separate house should be there to keep the animals suffering from contagious diseases |
| | Bimar bishibhak parah bachiboleh sapha para gahori palibolageh aru somoi tae vaccination kurithakibi. Lagijah bimar parah gahori kea lagijah khan alag ghor tae rakhibi |

Fisheries Specific Advisory:

| Fisheries(Varieties) | Fisheries Specific Advisory |
|----------------------|--|
| FISHERY(LOCAL) | Due to heavy rainfall and muddy water influx from the surrounding areas, the ponds may result in reduction of dissolved oxygen. Stir the water with a bamboo pole as it will help in increasing the oxygen and protect the fishes from suffocation |
| | Borokhon bishi girighenah mathi pani pukhuri ahija para pukhuri tae oxygen komti hoi. Etu karoneh bamboo lathi para pani tho helaidibi. Etu parah pani tae oxygen bishi hoi |

Poultry Specific Advisory:

| Poultry(Varieties) | Poultry Specific Advisory |
|--------------------|---------------------------|
|--------------------|---------------------------|

| Poultry(Varieties) | Poultry Specific Advisory |
|--------------------|---|
| POULTRY(LOCAL) | High humidity is favourable for occurrence of coccidiodial disease especially in poultry. Provide anti- coccidial drugs. Provide ample supply of clean drinking water, keep the house clean and dry |
| | Humidity bishi huileh coccidiodial bimar ulai. Anti- coccidial drugs dibi. Sapha pani khelabi aru ghor sukha aru sapha rakhibi |



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Agromet Advisory Bulletin

Date : 30-08-2019

Weather Forecast of ZUNHEBOTO(Nagaland) Issued On : 2019-08-30(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) |
|-----------------|------------------|--------------|--------------|-------------|--------------|----------------------|----------------------------|-----------------------|
| 2019-08-31 | 30.0 | 28.0 | 19.0 | 99 | 67 | 3.5 | 107 | 8 |
| 2019-09-01 | 18.0 | 27.0 | 19.0 | 99 | 90 | 2.9 | 111 | 8 |
| 2019-09-02 | 56.0 | 27.0 | 19.0 | 99 | 76 | 3.7 | 125 | 8 |
| 2019-09-03 | 23.0 | 28.0 | 20.0 | 97 | 50 | 3.8 | 138 | 8 |
| 2019-09-04 | 32.0 | 29.0 | 20.0 | 98 | 76 | 3.5 | 133 | 8 |

Weather Summary/Alert:

Probability of moderate rainfall the coming days

etia ahilbolhe din bi pani kiribolhe dikaiase

General Advisory:

High humidity is favourable for occurrence of coccidiodial disease especially in poultry. Provide anti-coccidial drugs. Provide ample supply of clean drinking water, keep the house clean and dry

Humidity bishi huileh coccidiodial bimara ulai. Anti- coccidial drugs dibi. Sapha pani khelabi aru ghor sukha aru sapha rakhibi

SMS Advisory:

Due to humid weather conditions, there may be increase in population of insect pests. Farmers are advised to install pest specific pheromone traps in the fields for monitoring the insect.

Etia lakha somoi dhe Pukha khan bishi hobo. Apni khan parishekhoilhe dhik pukha lakha pheromone trap kheta dhe lagabi

Crop Specific Advisory:

| Crop(Varieties) | Crop Specific Advisory |
|----------------------|---|
| JHUM PADDY(LOCAL) | Fixing of dead crabs, frogs or even pieces of jackfruit (Artocarpus heterophyllas) to bamboo sticks in rice fields should be done to attract and divert pests from sucking milk of rice grain |
| | Bamboo tae murijah kekerah, beng nahoileh khotal dhalighenah khiti tae rakhibi. Gundhi bug puka dhan guti kha tho komti huighenah etu bamboo tae jama hoi |

| Crop(Varieties) | Crop Specific Advisory |
|----------------------|---|
| TRC OR WRC(LOCAL) | Maggot feeds at the base of the growing shoot, causing formation of a tube like gall that is similar to “onion leaf” or “Silver-shoot”. Infested tillers produce no panicles. Set up light trap and monitor the adult flies |
| | Gall midge puka bacha para dhan ghas notun ulaithaka khan khaideh. Khaidia ghas khan guti nadhureh. Etu karoneh light trap rakhibi aru dangor puka khan saithakibo lageh |
| SOYBEAN(LOCAL) | The plant is very sensitive to excess moisture and the crop is affected, if water stagnates in the field |
| | Mati tae moisture bishi huileh, soybean ghas karoneh bishi biyah ase. Pani jama hobo nidibi aru somoi tae ghas nichetae mathi uthabi |

Horticulture Specific Advisory:

| Horticulture (Varieties) | Horticulture Specific Advisory |
|--------------------------|--|
| BRINJAL(LOCAL) | Continuous cropping of brinjal leads to more borer and wilt infestation. Therefore, crop rotation with non-solanaceous crops should be followed |
| | Ekta jagah tae hi bar bar brinjal lagaileh, borer puka aru wilt bimar bishi hobo. Etu karoneh bodla bodli kurighenah hi sobji ghas khan lagabo lageh |
| GINGER(LOCAL) | For shoot borer, spraying is to be initiated when the first symptom of pest attack is seen on the top most leaf in the form of feeding marks on the margins on the pseudostem. An integrated strategy involves pruning and destroying freshly infected pseudostems during this month |
| | Pukha khan olop dikhi time dhe ulai khena cholaidhebi |
| CHILLI(LOCAL) | Early removal of affected plants will control the spread of the disease |
| | Bimar lagijah ghas khan joldi ulaighenah dulaidileh, bimar tho bishi hui najai |
| COLOCASIA(LOCAL) | Plot should be kept free of weeds for the first three months till the plant cover the interspaces. After the first earthing up a subsequent earthing up should be done lightly to prevent exposure of the growing tubers which would otherwise turn green |
| | Kochu lagaighenah tin mohinah tok, majot lagah jagah tae kochu ghas khan ulainajah thok jongal ghas sapha kurithakibi |

Livestock Specific Advisory:

| Livestock(Varieties) | Livestock Specific Advisory |
|----------------------|---|
| PIGGERY(LOCAL) | Occurrence of most of the diseases can be prevented by following strict hygienic measure and by timely vaccination of pigs. A separate house should be there to keep the animals suffering from contagious diseases |
| | Bimar bishibhak parah bachiboleh sapha para gahori palibolageh aru somoi tae vaccination kurithakibi. Lagijah bimar parah gahori kea lagijah khan alag ghor tae rakhibi |

Fisheries Specific Advisory:

| Fisheries(Varieties) | Fisheries Specific Advisory |
|----------------------|--|
| FISHERY(LOCAL) | Due to heavy rainfall and muddy water influx from the surrounding areas, the ponds may result in reduction of dissolved oxygen. Stir the water with a bamboo pole as it will help in increasing the oxygen and protect the fishes from suffocation |
| | Borokhon bishi girighenah mathi pani pukhuri ahija para pukhuri tae oxygen komti hoi. Etu karoneh bamboo lathi para pani tho helaidibi. Etu parah pani tae oxygen bishi hoi |

Poultry Specific Advisory:

| Poultry(Varieties) | Poultry Specific Advisory |
|---------------------------|---|
| POULTRY(LOCAL) | High humidity is favourable for occurrence of coccidiodial disease especially in poultry. Provide anti- coccidial drugs. Provide ample supply of clean drinking water, keep the house clean and dry |
| | Humidity bishi huileh coccidiodial bimar ulai. Anti- coccidial drugs dibi. Sapha pani khelabi aru ghor sukha aru sapha rakhibi |



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Agromet Advisory Bulletin

Date : 30-08-2019

Weather Forecast of DIMAPUR(Nagaland) Issued On : 2019-08-30(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) |
|-----------------|------------------|--------------|--------------|-------------|--------------|----------------------|----------------------------|-----------------------|
| 2019-08-31 | 0.0 | 34.0 | 25.0 | 83 | 57 | 4.2 | 162 | 4 |
| 2019-09-01 | 2.0 | 36.0 | 25.0 | 83 | 58 | 2.9 | 153 | 4 |
| 2019-09-02 | 0.0 | 36.0 | 26.0 | 78 | 45 | 4.5 | 126 | 4 |
| 2019-09-03 | 0.0 | 36.0 | 26.0 | 76 | 41 | 5.7 | 118 | 4 |
| 2019-09-04 | 0.0 | 36.0 | 27.0 | 78 | 48 | 5.2 | 139 | 4 |

Weather Summary/Alert:

| |
|---|
| Probability of light rainfall the coming week |
| Pani olop kiribolhe dikaisae |

General Advisory:

| |
|--|
| High humidity is favourable for occurrence of coccidiodial disease especially in poultry. Provide anti-coccidial drugs. Provide ample supply of clean drinking water, keep the house clean and dry |
| Humidity bishi huileh coccidiodial bimara ulai. Anti- coccidial drugs dibi. Sapha pani khelabi aru ghor sukha aru sapha rakhibi |

SMS Advisory:

| |
|---|
| Due to humid weather conditions, there may be increase in population of insect pests. Farmers are advised to install pest specific pheromone traps in the fields for monitoring the insect. |
| Etia lakha somoi dhe Pukha khan bishi hobo. Apni khan parishekhoilhe dhik pukha lakha pheromone trap kheta dhe lagabi |

Crop Specific Advisory:

| Crop(Varieties) | Crop Specific Advisory |
|----------------------|--|
| LOWLAND PADDY(LOCAL) | Shallow submergence of water upto 5cm depth throughout the crop period is optimum for high yield Guti bhal aru bishi dhuriboleh hudai pani 5cm thakibolageh |
| GROUNDNUT(LOCAL) | For early leaf spot(Tikka disease) Spray bavistin 0.05%+Dithane M 45 0.2% at 2-3 weeks intervals for 2-3 times starting 4-5 weeks after sowing |

| Crop(Varieties) | Crop Specific Advisory |
|-----------------|---|
| | Leaf spot(Tikka disease) bimar karoneh bijon lagaighenah 4-5 hopta picheta 0.05%+Dithane M 45 0.2% hopta 2-3 charighenah 2-3 spray kuribolageh |
| SOYABEAN(LOCAL) | For white fly, install yellow sticky trap. Paint 1'x 2' size boards with Yellow colour and apply a layer of mustard oil / grease and fix in the field @ 10-15 per ha |
| | White fly karoneh yellow stick trap rakhibi. 1x2 feet board tae yellow paint kuribi aru etu tae mustard oil naholeh grease lagahbi. Aru 10-15 hecare tae ekta rakhibi |

Horticulture Specific Advisory:

| Horticulture (Varieties) | Horticulture Specific Advisory |
|--------------------------|---|
| NAGA KING CHILLI(LOCAL) | For fruit borer, collect and destroy the damaged fruits and grown up caterpillars |
| | Fruit borer pukha karoneh, biya huija guti aru dangor huija caterpillars puka khan jama kurighenah julaidibi |
| COLOCASIA(LOCAL) | In severe cases of leaf blight, the entire leaf lamina and the petioles are affected giving a blighted appearance and collapse of the plant. Remove the self grown colocasia plants |
| | Leaf blight bimar tae kuchu pata laga kinar khan halka brown aru yellow color huijai aru ghas biya huijai. Nalagah kuchu kinar tae ulaithakia khan mati parah ulaighenah pheka |
| GINGER(LOCAL) | Soft rot. Yellowing starts from lower leaves to upper leaves. Initially the yellowing is only on the margin and remaining portion of the leaf margin remain green. Provide good drainage, immediately remove the infected plant |
| | Soft rot bimar tho pata than niche para upor phileh yellow huighenah jai. Suru tae pata kinar khan yellow aru majotae green thakeh. Etu karoneh pani jama nohoboleh nalah bhal para bonailobi aru bimar lagijah ghas khan uladibi |

Livestock Specific Advisory:

| Livestock(Varieties) | Livestock Specific Advisory |
|----------------------|---|
| PIGGERY(LOCAL) | Ensure that the animal sheds remain dry during the monsoon season. Make appropriate arrangements to protect animals from exposure to sun and excessive heat |
| | Borokhon mohinah tae janwar ghor khan suka rakhibi. Janwar khan dhop aru bishi gorom parah bachiboleh upai kuribi |

Fisheries Specific Advisory:

| Fisheries(Varieties) | Fisheries Specific Advisory |
|----------------------|---|
| FISHERY(LOCAL) | Monsoon weather could lead to gastrointestinal parasites infection. It is advised to maintain good sanitary conditions of pig sheds |
| | Borokhon mohinah tae gastrointestinal parasites lagibo parah. Gahori ghor khan sapha aru suka rahibi |

Poultry Specific Advisory:

| Poultry(Varieties) | Poultry Specific Advisory |
|--------------------|---|
| POULTRY(LOCAL) | Do not let weeds cover more than one quarter of the surface. If there are too many weeds, clean your pond |
| | |

| Poultry(Varieties) | Poultry Specific Advisory |
|--------------------|---|
| | Pukhuri tae ekta bhak parah bishi kitiabi jongol ghas narikhibi. Kitia bishi hoithakibo, etu hisaptae sapha kurithakibi |



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Agromet Advisory Bulletin

Date : 30-08-2019

Weather Forecast of KIPHIRE(Nagaland) Issued On : 2019-08-30(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) |
|-----------------|------------------|--------------|--------------|-------------|--------------|----------------------|----------------------------|-----------------------|
| 2019-08-31 | 37.0 | 28.0 | 19.0 | 94 | 56 | 2.2 | 32 | 8 |
| 2019-09-01 | 52.0 | 27.0 | 19.0 | 98 | 62 | 2.5 | 46 | 8 |
| 2019-09-02 | 36.0 | 27.0 | 19.0 | 90 | 59 | 2.6 | 100 | 7 |
| 2019-09-03 | 51.0 | 28.0 | 20.0 | 91 | 62 | 4.4 | 134 | 8 |
| 2019-09-04 | 38.0 | 29.0 | 20.0 | 94 | 70 | 4.4 | 117 | 8 |

Weather Summary/Alert:

Probability of moderate to heavy rain the coming week. The sky will remain cloudy the coming five days

Pani olop bishi kiribolhe dikaiase. Ahibolhe din dho eman pal nohobo

General Advisory:

High humidity is favourable for occurrence of coccidiodial disease especially in poultry. Provide anti-coccidial drugs. Provide ample supply of clean drinking water, keep the house clean and dry

Guti dhuriboleh suru somoi tae gundhi bug puka parah khaileh, guti khan khali hoi nahoileh chutu hoi. Khiti aru kinar khan tae jongol ghas khan thakibo nidibi. Enika kurileh pukha tho bishi huinajai

SMS Advisory:

Due to humid weather conditions, there may be increase in population of insect pests. Farmers are advised to install pest specific pheromone traps in the fields for monitoring the insect.

Etia lakha somoi dhe Pukha khan bishi hobo. Apni khan parishekhoilhe dhik pukha lakha pheromone trap khete dhe lagabi

Crop Specific Advisory:

| Crop(Varieties) | Crop Specific Advisory |
|----------------------|--|
| JHUM PADDY(LOCAL) | Gundhi bug is a serious pest during the milky stage. Feeding causes empty or small grains during the milking stage. Weed sanitation and eradication of alternate hosts from rice fields and surrounding areas can help prevent the multiplication of the bug |

| Crop(Varieties) | Crop Specific Advisory |
|---------------------|---|
| | Guti dhuriboleh suru somoi tae gundhi bug puka parah khaileh, guti khan khali hoi nahoileh chutu hoi. Khiti aru kinar khan tae jongol ghas khan thakibo nidibi. Enika kurileh pukha tho bishi huinaja |
| TRC PADDY(LOCAL) | Severe weed infestation due to moist soil, use simple rotary weeder between the crop rows in both the directions. About four rotary weeding at 10 to 15 days interval could be adequate till panicle initiation |
| | Mati bijighenah thaka parah jongol ghas bishi ulai. Etu karoneh jongol sapha kuria machine (rotary weeder) dhan ghas majotae cholabi. Gutu nudhura thok 10-15 din pichetae jongal ghas sapha kuri thakib |

Horticulture Specific Advisory:

| Horticulture (Varieties) | Horticulture Specific Advisory |
|--------------------------|---|
| KING CHILLI(LOCAL) | In case of leaf curl virus, leaves become small, dwarf and assumes witches broom appearance, fruits formed are small and deformed. Seed should not be collected from virus affected plants |
| | Leaf curl virus tae pata chutu hoi, khata hoi aru mirijai. Mircha tho chutu aru saboleh biyah hoi. Bimar ghas parah bijon guti rakhiboleh nulabi |
| COLOCASIA(LOCAL) | Monitoring should be done for leaf webber. The larvae rolls the leaves and feeds on them. Collect the leaves and bury them in soil. Collect the adult which will be below the leaves and leaf bases |
| | Leaf webber pukha karoneh sabo lageh. Pukha bacha khan patha tho ghurailoi aru khaboleh suru koreh. Etu patha khan ulaighenah mathi tae rupaidibi. Dangor pukha khan patha nichetae thakibo. Etu khan muriadibi |
| LARGE CARDAMOM(LOCAL) | Keep a constant vigil to detect disease affected parts. Uproot and destroy affected plants as soon as symptoms appear. Repeat detection and uprooting at regular intervals |
| | Bimar lagijah ghas janiboleh somoi tae saithakibo lageh. Bimar dikha logotae ghas tho ulaighenah jolaidibi. Somoi tae saighenah etu kurithakibo lageh |

Livestock Specific Advisory:

| Livestock(Varieties) | Livestock Specific Advisory |
|----------------------|--|
| PIGGERY(LOCAL) | In case of detection of roundworm in pig, separate the young ones from infected pig, periodic deworming should be done |
| | Gahori tae roundworm thaka janileh, chotu gahori khan bimar gahori para alag tae rakhibi. Somoi tae kechu dawai dibi |

Fisheries Specific Advisory:

| Fisheries(Varieties) | Fisheries Specific Advisory |
|----------------------|---|
| FISHERY (LOCAL) | Feeding should be at the minimum to avoid organic loading in the pond water during acute water scarcity |
| | Pukhuri tae pani komti thaka somoi tae danah bishi nidibi. |

Poultry Specific Advisory:

| Poultry(Varieties) | Poultry Specific Advisory |
|--------------------|---|
| POULTRY(LOCAL) | To combat heat stress, supply plenty of clean and cool water, overcrowding of birds should be avoided, shifting, transportation, debeaking and vaccination should be done during night or cool hours of the day |
| | |

| Poultry(Varieties) | Poultry Specific Advisory |
|--------------------|---|
| | Gorom para duk napableh, dhanda aru sapha pani thik para khelabi. Ekta jagah tae murgi khan bishi narakhibi. Jagah bodli kurah, transportation, muk bhangah aru vaccination khan din lagah dhanda somoi nahoileh rati tae hi kuribi |



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Agromet Advisory Bulletin

Date : 30-08-2019

Weather Forecast of KOHIMA(Nagaland) Issued On : 2019-08-30(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) |
|-----------------|------------------|--------------|--------------|-------------|--------------|----------------------|----------------------------|-----------------------|
| 2019-08-31 | 46.0 | 28.0 | 19.0 | 95 | 67 | 4.1 | 149 | 8 |
| 2019-09-01 | 14.0 | 27.0 | 19.0 | 94 | 77 | 3.5 | 142 | 8 |
| 2019-09-02 | 33.0 | 27.0 | 19.0 | 94 | 63 | 4.7 | 135 | 8 |
| 2019-09-03 | 18.0 | 28.0 | 20.0 | 92 | 47 | 5.2 | 128 | 8 |
| 2019-09-04 | 36.0 | 29.0 | 20.0 | 94 | 78 | 4.8 | 139 | 8 |

Weather Summary/Alert:

Probability of moderate to heavy rainfall the coming days

etia ahobolhe din dho Pani olop bishi kiribolhe dikaiase

General Advisory:

High humidity is favourable for occurrence of coccidiodial disease especially in poultry. Provide anti-coccidial drugs. Provide ample supply of clean drinking water, keep the house clean and dry.

Humidity bishi huileh coccidiodial bimar ulai. Anti- coccidial drugs dibi. Sapha pani khelabi aru ghor sukha aru sapha rakhibi

SMS Advisory:

Due to humid weather conditions, there may be increase in population of insect pests. Farmers are advised to install pest specific pheromone traps in the fields for monitoring the insect

Etia lakha somoi dhe Pukha khan bishi hobo. Apni khan parishekhoilhe dhik pukha lakha pheromone trap kheta dhe lagabi

Crop Specific Advisory:

| Crop(Varieties) | Crop Specific Advisory |
|----------------------|---|
| JHUM PADDY(LOCAL) | Mechanical control measures such as smoking the field, hand-picking of adults and nymphs have also been advocated |
| | Khiti tae jui dhunga chola, hath para gundhi bug puka dangor aru bacha jama kurighenah moraidia khan kuribolageh |

| Crop(Varieties) | Crop Specific Advisory |
|--------------------------|--|
| TRC OR WRC(LOCAL) | When infestation of caseworm occurs water should be drained out of the rice field and it should keep dry for 3 or 4 days. Feeding damage includes cutting off the leaf tips to make leaf cases and the upper epidermis of leaves that have been fed on is somewhat papery. It usually appears ladder-like. Damage sometimes occurs in patches. So, proper monitoring should be carried out |
| | Caseworm puka lagileh, khiti parah pani purah jabo dibi aru 3-4 din thok sukha rakhibi |
| FOXTAIL MILLET(LOCAL) | Timely remove and destroy the disease affected plants to avoid spread of the disease |
| | Bimar tho bishi hui najabo karoneh bimar ghas khan ulaighenah julaidibi |
| SOYBEAN(LOCAL) | For white fly, install yellow sticky trap. Paint 1'x 2' size boards with Yellow colour and apply a layer of mustard oil / grease and fix in the field @ 10-15 per ha |
| | White fly karoneh yellow stick trap rakhibi. 1x2 feet board tae yellow paint kuribi aru etu tae mustard oil naholeh grease lagahbi. Aru 10-15 hecare tae ekta rakhibi |

Horticulture Specific Advisory:

| Horticulture (Varieties) | Horticulture Specific Advisory |
|--------------------------|--|
| BANANA(LOCAL) | For leaf eating caterpillar, young larvae feed by scrapping the leaves. hand pick and destroy the egg masses and caterpillars. Collect and destroy the damaged plant parts |
| | Leaf eating caterpillar puka larvae khan patha khai. Hath para ulaighenah anda aru puka moraidibi. Aru biya huija ghas bi julaidibi |

Livestock Specific Advisory:

| Livestock(Varieties) | Livestock Specific Advisory |
|----------------------|--|
| PIGGERY(LOCAL) | Shed should be ventilated and dry. Feed the animals during cool hours of the day |
| | Ghor tho sukha rakhibi aru hawa aha jah kuriboleh khula thakibolageh. Din lagah thanda somia tae hi dana khelabi |

Fisheries Specific Advisory:

| Fisheries(Varieties) | Fisheries Specific Advisory |
|----------------------|--|
| FISHERY(LOCAL) | Do not let weeds cover more than one quarter of the surface. If there are too many weeds, clean your pond |
| | Pukhuri tae ekta bhak parah bishi kitiabi jongol ghas narikhibi. Kitia bishi hoithakibo, etu hisaptae sapha kurithakibi. |

Poultry Specific Advisory:

| Poultry(Varieties) | Poultry Specific Advisory |
|--------------------|--|
| POULTRY(LOCAL) | Surround the house with tall trees. Shades from tall trees and plantation around the sheds can reduce the radiant heat. plantation of trees should be such that trees will be leafy during summer and bald during winter |
| | Murkhi lakah ghor osor dhe lamba ghas khan lakabi. Etu parah dhop gorom, ghor tae lagia tho komti hoi. Gomor mohinah tae patha bishi aru thanda somoi tae patha girijah ghas khan hea lagabi |



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 : 30-08-2019

Weather Forecast of LONGLENG(Nagaland) Issued On : 2019-08-30(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) |
|-----------------|------------------|--------------|--------------|-------------|--------------|----------------------|----------------------------|-----------------------|
| 2019-08-31 | 8.0 | 35.0 | 24.0 | 96 | 60 | 4.0 | 145 | 4 |
| 2019-09-01 | 2.0 | 36.0 | 25.0 | 91 | 59 | 3.1 | 147 | 4 |
| 2019-09-02 | 11.0 | 37.0 | 26.0 | 97 | 53 | 4.4 | 134 | 8 |
| 2019-09-03 | 3.0 | 37.0 | 26.0 | 86 | 51 | 4.5 | 110 | 4 |
| 2019-09-04 | 28.0 | 37.0 | 26.0 | 97 | 59 | 4.4 | 135 | 8 |

Weather Summary/Alert:

| |
|---|
| Probability of light to moderate rain the coming week |
| Pani olop kiribolhe dikaiase |

General Advisory:

| |
|--|
| High humidity is favourable for occurrence of coccidiodial disease especially in poultry. Provide anti-coccidial drugs. Provide ample supply of clean drinking water, keep the house clean and dry |
| Humidity bishi huileh coccidiodial bimar ulai. Anti- coccidial drugs dibi. Sapha pani khelabi aru ghor sukha aru sapha rakhibi |

SMS Advisory:

| |
|--|
| Due to humid weather conditions, there may be increase in population of insect pests. Farmers are advised to install pest specific pheromone traps in the fields for monitoring the insect |
| Etia lakha somoi dhe Pukha khan bishi hobo. Apni khan parishekhoilhe dhik pukha lakha pheromone trap kheti dhe lagabi |

Crop Specific Advisory:

| Crop(Varieties) | Crop Specific Advisory |
|----------------------|---|
| JHUM PADDY(LOCAL) | Fixing of dead crabs, frogs or even pieces of jackfruit (Artocarpus heterophyllas) to bamboo sticks in rice fields should be done to attract and divert pests from sucking milk of rice grain |
| | Bamboo tae murijah kekerah, beng nahoileh khotal dhalighenah khiti tae rakhibi. Gundhi bug puka dhan guti kha tho komti huighenah etu bamboo tae jama hoi |

| Crop(Varieties) | Crop Specific Advisory |
|----------------------|---|
| TRC OR WRC(LOCAL) | Maggot feeds at the base of the growing shoot, causing formation of a tube like gall that is similar to “onion leaf” or “Silver-shoot”. Infested tillers produce no panicles. Set up light trap and monitor the adult flies |
| | Gall midge puka bacha para dhan ghas notun ulaithaka khan khaideh. Khaidia ghas khan guti nadhureh. Etu karoneh light trap rakhibi aru dangor puka khan saithakibo lageh |
| SOYBEAN(LOCAL) | The plant is very sensitive to excess moisture and the crop is affected, if water stagnates in the field |
| | Mati tae moisture bishi huileh, soybean ghas karoneh bishi biyah ase. Pani jama hobo nidibi aru somoi tae ghas nichetae mathi uthabi |

Horticulture Specific Advisory:

| Horticulture (Varieties) | Horticulture Specific Advisory |
|--------------------------|--|
| BRINJAL(LOCAL) | Continuous cropping of brinjal leads to more borer and wilt infestation. Therefore, crop rotation with non-solanaceous crops should be followed |
| | Ekta jagah tae hi bar bar brinjal lagaileh, borer puka aru wilt bimar bishi hobo. Etu karoneh bodla bodli kurighenah hi sobji ghas khan lagabo lageh |
| COLOCASIA(LOCAL) | Plot should be kept free of weeds for the first three months till the plant cover the interspaces. After the first earthing up a subsequent earthing up should be done lightly to prevent exposure of the growing tubers which would otherwise turn green. |
| | Kochu lagaighenah tin mohinah tok, majot lagah jagah tae kochu ghas khan ulainajah thok jongal ghas sapha kurithakibi |
| CHILLI(LOCAL) | Early removal of affected plants will control the spread of the disease |
| | Bimar lagijah ghas khan joldi ulaighenah dulaidileh, bimar tho bishi hui najai |

Livestock Specific Advisory:

| Livestock(Varieties) | Livestock Specific Advisory |
|----------------------|---|
| PIGGERY(LOCAL) | Occurrence of most of the diseases can be prevented by following strict hygienic measure and by timely vaccination of pigs. A separate house should be there to keep the animals suffering from contagious diseases |
| | Bimar bishibhak parah bachiboleh sapha para gahori palibolageh aru somoi tae vaccination kurithakibi. Lagijah bimar parah gahori kea lagijah khan alag ghor tae rakhibi |

Fisheries Specific Advisory:

| Fisheries(Varieties) | Fisheries Specific Advisory |
|----------------------|--|
| FISHERY(LOCAL) | Due to heavy rainfall and muddy water influx from the surrounding areas, the ponds may result in reduction of dissolved oxygen. Stir the water with a bamboo pole as it will help in increasing the oxygen and protect the fishes from suffocation |
| | Borokhon bishi girighenah mathi pani pukhuri ahija para pukhuri tae oxygen komti hoi. Etu karoneh bamboo lathi para pani tho helaidibi. Etu parah pani tae oxygen bishi hoi |

Poultry Specific Advisory:

| Poultry(Varieties) | Poultry Specific Advisory |
|--------------------|---------------------------|
|--------------------|---------------------------|

| Poultry(Varieties) | Poultry Specific Advisory |
|--------------------|--|
| POULTRY(LOCAL) | High humidity is favourable for occurrence of coccidiodial disease especially in poultry. Provide anti- coccidial drugs. Provide ample supply of clean drinking water, keep the house clean and dry. |
| | Humidity bishi huileh coccidiodial bimar ulai. Anti- coccidial drugs dibi. Sapha pani khelabi aru ghor sukha aru sapha rakhibi |



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 : 30-08-2019

Weather Forecast of MOKOKCHUNG(Nagaland) Issued On : 2019-08-30(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) |
|-----------------|------------------|--------------|--------------|-------------|--------------|----------------------|----------------------------|-----------------------|
| 2019-08-31 | 30.0 | 28.0 | 19.0 | 97 | 66 | 4.0 | 138 | 8 |
| 2019-09-01 | 18.0 | 27.0 | 19.0 | 94 | 71 | 3.1 | 141 | 8 |
| 2019-09-02 | 56.0 | 27.0 | 19.0 | 97 | 62 | 4.2 | 129 | 8 |
| 2019-09-03 | 23.0 | 28.0 | 20.0 | 91 | 56 | 4.6 | 114 | 8 |
| 2019-09-04 | 32.0 | 29.0 | 20.0 | 98 | 71 | 4.3 | 130 | 8 |

Weather Summary/Alert:

| |
|---|
| Probability of moderate to heavy rain the coming days |
| Etu hapta dho pani kiribolhe dikaiase |

General Advisory:

| |
|--|
| High humidity is favourable for occurrence of coccidiodial disease especially in poultry. Provide anti-coccidial drugs. Provide ample supply of clean drinking water, keep the house clean and dry |
| Humidity bishi huileh coccidiodial bimara ulai. Anti- coccidial drugs dibi. Sapha pani khelabi aru ghor sukha aru sapha rakhibi |

SMS Advisory:

| |
|---|
| Due to humid weather conditions, there may be increase in population of insect pests. Farmers are advised to install pest specific pheromone traps in the fields for monitoring the insect. |
| Etia lakha somoi dhe Pukha khan bishi hobo. Apni khan parishekhoilhe dhik pukha lakha pheromone trap kheta dhe lagabi |

Crop Specific Advisory:

| Crop(Varieties) | Crop Specific Advisory |
|----------------------|---|
| JHUM PADDY(LOCAL) | Fixing of dead crabs, frogs or even pieces of jackfruit (Artocarpus heterophyllas) to bamboo sticks in rice fields should be done to attract and divert pests from sucking milk of rice grain |
| | Bamboo tae murijah kekerah, beng nahoileh khotal dhalighenah khiti tae rakhibi. Gundhi bug puka dhan guti kha tho komti huighenah etu bamboo tae jama hoi |

| Crop(Varieties) | Crop Specific Advisory |
|----------------------|---|
| TRC OR WRC(LOCAL) | Maggot feeds at the base of the growing shoot, causing formation of a tube like gall that is similar to “onion leaf” or “Silver-shoot”. Infested tillers produce no panicles. Set up light trap and monitor the adult flies |
| | Gall midge puka bacha para dhan ghas notun ulaithaka khan khaideh. Khaidia ghas khan guti nadhureh. Etu karoneh light trap rakhibi aru dangor puka khan saithakibo lageh |
| SOYBEAN(LOCAL) | The plant is very sensitive to excess moisture and the crop is affected, if water stagnates in the field |
| | Mati tae moisture bishi huileh, soybean ghas karoneh bishi biyah ase. Pani jama hobo nidibi aru somoi tae ghas nichetae mathi uthabi |

Horticulture Specific Advisory:

| Horticulture (Varieties) | Horticulture Specific Advisory |
|--------------------------|---|
| BRINJAL(LOCAL) | Continuous cropping of brinjal leads to more borer and wilt infestation. Therefore, crop rotation with non-solanaceous crops should be followed. |
| | Ekta jagah tae hi bar bar brinjal lagaileh, borer puka aru wilt bimar bishi hobo. Etu karoneh bodla bodli kurighenah hi sobji ghas khan lagabo lageh |
| GINGER(LOCAL) | For shoot borer, spraying is to be initiated when the first symptom of pest attack is seen on the top most leaf in the form of feeding marks on the margins on the pseudostem. An integrated strategy involves pruning and destroying freshly infected pseudostems during this month. |
| | Pukha khan olop dikhi time dhe ulai khena cholaidhebi |
| CHILLI(LOCAL) | Early removal of affected plants will control the spread of the disease |
| | Bimar lagijah ghas khan joldi ulaighenah dulaidileh, bimar tho bishi hui najai |
| COLOCASIA(LOCAL) | Plot should be kept free of weeds for the first three months till the plant cover the interspaces. After the first earthing up a subsequent earthing up should be done lightly to prevent exposure of the growing tubers which would otherwise turn green |
| | Kochu lagaighenah tin mohinah tok, majot lagah jagah tae kochu ghas khan ulainajah thok jongal ghas sapha kurithakibi |
| TAPIOCA(LOCAL) | Field sanitation (frequent weeding), removal of infected/infested plants, avoid water logging |
| | KHetu sabha rakhibi, bimar, pukha lagha ghas khan ulai khena bilabi, aru pani jama hobo nedhibi |

Livestock Specific Advisory:

| Livestock(Varieties) | Livestock Specific Advisory |
|----------------------|---|
| PIGGERY(LOCAL) | Occurrence of most of the diseases can be prevented by following strict hygienic measure and by timely vaccination of pigs. A separate house should be there to keep the animals suffering from contagious diseases |
| | Bimar bishibhak parah bachiboleh sapha para gahori palibolageh aru somoi tae vaccination kurithakibi. Lagijah bimar parah gahori kea lagijah khan alag ghor tae rakhibi |

Fisheries Specific Advisory:

| Fisheries(Varieties) | Fisheries Specific Advisory |
|----------------------|--|
| FISHERY(LOCAL) | Due to heavy rainfall and muddy water influx from the surrounding areas, the ponds may result in reduction of dissolved oxygen. Stir the water with a bamboo pole as it will help in increasing the oxygen and protect the fishes from suffocation |

| Fisheries(Varieties) | Fisheries Specific Advisory |
|-----------------------------|---|
| | Borokhon bishi girighenah mathi pani pukhuri ahija para pukhuri tae oxygen komti hoi. Etu karoneh bamboo lathi para pani tho helaidibi. Etu parah pani tae oxygen bishi hoi |

Poultry Specific Advisory:

| Poultry(Varieties) | Poultry Specific Advisory |
|---------------------------|---|
| POULTRY(LOCAL) | High humidity is favourable for occurrence of coccidiodial disease especially in poultry. Provide anti- coccidial drugs. Provide ample supply of clean drinking water, keep the house clean and dry |
| | Humidity bishi huileh coccidiodial bimar ulai. Anti- coccidial drugs dibi. Sapha pani khelabi aru ghor sukha aru sapha rakhibi |



Gramin Krishi Mausam Sewa

District Level Agromet Advisory Bulletin

ICAR Complex Branch

Umiam, Meghalaya

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Agromet Advisory Bulletin

Date : 30-08-2019

Weather Forecast of MON(Nagaland) Issued On : 2019-08-30(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) |
|-----------------|------------------|--------------|--------------|-------------|--------------|----------------------|----------------------------|-----------------------|
| 2019-08-31 | 41 | 34 | 26 | 97 | 69 | 4.1 | 145 | 8 |
| 2019-09-01 | 47 | 33 | 25 | 93 | 69 | 3.7 | 154 | 8 |
| 2019-09-02 | 35 | 36 | 25 | 96 | 59 | 4.7 | 133 | 8 |
| 2019-09-03 | 49 | 38 | 25 | 87 | 56 | 5.3 | 111 | 8 |
| 2019-09-04 | 31 | 36 | 25 | 95 | 63 | 5.4 | 129 | 8 |

Weather Summary/Alert:

Probability of moderate to heavy rainfall the coming days

Etu hapta dho pani bishi kiribolhe dikaiase

General Advisory:

High humidity is favourable for occurrence of coccidiodial disease especially in poultry. Provide anti-coccidial drugs. Provide ample supply of clean drinking water, keep the house clean and dry

Humidity bishi huileh coccidiodial bimara ulai. Anti- coccidial drugs dibi. Sapha pani khelabi aru ghor sukha aru sapha rakhibi

SMS Advisory:

Due to humid weather conditions, there may be increase in population of insect pests. Farmers are advised to install pest specific pheromone traps in the fields for monitoring the insect.

Etia lakha somoi dhe Pukha khan bishi hobo. Apni khan parishekhoilhe dhik pukha lakha pheromone trap kheta dhe lagabi

Crop Specific Advisory:

| Crop(Varieties) | Crop Specific Advisory |
|-------------------|---|
| JHUM PADDY(LOCAL) | Mechanical control measures such as smoking the field, hand-picking of adults and nymphs have also been advocated |
| | Khiti tae jui dhunga chola, hath para gundhi bug puka dangor aru bacha jama kurighenah moraidia khan kuribolageh |

| Crop(Varieties) | Crop Specific Advisory |
|------------------|---|
| TRC PADDY(LOCAL) | Blast can infect paddy at all growth stages and all aerial parts of plant (leaf, neck and node). Infected part is girdled by a grayish brown lesion, or when severe, causes the panicles to fall over; or on the branches of the panicles which exhibit brown lesions when infected |
| | Blast bimar tho ghas chutu para dangor thok lagiya |
| GROUNDNUT(LOCAL) | Initially minute circular to subcircular chlorotic spots develop on upper surface of leaf, later turn into brown in colour surrounded by yellow halo |
| | Timely remove the volunteer groundnut plan |
| SOYBEAN(LOCAL) | Bimar bishi nohobo karoneh nalagaighenah kinar tae ula ghas khan ulaighenah pekabi |
| | Proper drainage should be done |
| | Pani nala bhal para bonailobi |

Horticulture Specific Advisory:

| Horticulture (Varieties) | Horticulture Specific Advisory |
|--------------------------|---|
| CARDAMON(LOCAL) | Prompt inspection of plantation, detect and rouging of virus sources reduces re-infection from the diseased source |
| | Pata bimar khan ulaighenah phekaidibi |
| COLOCASIA(LOCAL) | In severe cases, the entire leaf lamina and the petioles are affected giving a blighted appearance and collapse of the plant. Remove the self grown colocasia plants |
| | Leaf blight bimar tae kuchu pata laga kinar khan halka brown aru yellow color huijai aru ghas biya huijai. Nalagah kuchu kinar tae ulaithakia khan mati parah ulaighenah pekabi |

Livestock Specific Advisory:

| Livestock(Varieties) | Livestock Specific Advisory |
|----------------------|---|
| PIGGERY(LOCAL) | Dispose the dead animals either by burning or deep burial and regularly disinfect the shed and its premises with 1 – 2 % phenyl. Restrict the movement of animals from affected to clean area |
| | Murijah khan mathi tae rupon kuribi nahoileh julaidibi. Somoi tae ghor aru kinar tae 1-2 % phenyl dhalibi. Bimar thaka janwar khan bhal thaka lagah osortae ahiboleh nidibi. |

Fisheries Specific Advisory:

| Fisheries(Varieties) | Fisheries Specific Advisory |
|----------------------|---|
| FISHERY(LOCAL) | Do not plant big trees near your pond. If there are already big trees there, cut any branches that hang over the pond. Water in your pond may not turn green enough if your pond is in the shade. Do not let weeds cover more than one quarter of the surface |
| | Pukhuri osortae dangor ghas nalagabi. Kunba thakileh, etu lagah branch pukhuri opor tae thaka khan katilobi. Pukhuri chaya tae thakileh, pani tho eman green color nohobo. Pukhuri lagah ekta bhak opor jongol ghas hobo nidibi |

Poultry Specific Advisory:

| Poultry(Varieties) | Poultry Specific Advisory |
|--------------------|---------------------------|
|--------------------|---------------------------|

| Poultry(Varieties) | Poultry Specific Advisory |
|--------------------|--|
| POULTRY(LOCAL) | High humidity is favourable for occurrence of coccidiodial disease especially in poultry. Provide anti- coccidial drugs. Provide ample supply of clean drinking water, keep the house clean and dry. |
| | Humidity bishi huileh coccidiodial bimar ulai. Anti- coccidial drugs dibi. Sapha pani khelabi aru ghor sukha aru sapha rakhibi |



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Umiam, Meghalaya

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



Agromet Advisory Bulletin

Date : 30-08-2019

Weather Forecast of PEREN(Nagaland) Issued On : 2019-08-30(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) |
|-----------------|------------------|--------------|--------------|-------------|--------------|----------------------|----------------------------|-----------------------|
| 2019-08-31 | 41.0 | 28.0 | 19.0 | 97 | 67 | 2.9 | 190 | 8 |
| 2019-09-01 | 33.0 | 27.0 | 19.0 | 97 | 85 | 2.9 | 86 | 8 |
| 2019-09-02 | 30.0 | 29.0 | 19.0 | 96 | 69 | 3.7 | 115 | 8 |
| 2019-09-03 | 15.0 | 28.0 | 20.0 | 93 | 44 | 4.3 | 128 | 8 |
| 2019-09-04 | 29.0 | 29.0 | 20.0 | 97 | 68 | 3.9 | 118 | 8 |

Weather Summary/Alert:

| |
|---|
| Probability of moderate to heavy rainfall the coming week |
| Pani olop bishi kiribolhe dikaiase |

General Advisory:

| |
|---|
| High humidity is favourable for occurrence of coccidiodial disease especially in poultry. Provide anti-coccidial drugs. Provide ample supply of clean drinking water, keep the house clean and dry. |
| Humidity bishi huileh coccidiodial bimar ulai. Anti- coccidial drugs dibi. Sapha pani khelabi aru ghor sukha aru sapha rakhibi |

SMS Advisory:

| |
|---|
| Due to humid weather conditions, there may be increase in population of insect pests. Farmers are advised to install pest specific pheromone traps in the fields for monitoring the insect. |
| Etia lakha somoi dhe Pukha khan bishi hobo. Apni khan parishekhoilhe dhik pukha lakha pheromone trap kheti dhe lagabi |

Crop Specific Advisory:

| Crop(Varieties) | Crop Specific Advisory |
|-------------------|--|
| JHUM PADDY(LOCAL) | Mechanical control measures such as smoking the field, hand-picking of adults and nymphs have also been advocated to control gundhi bug GUndhi bug kumti khoribolhe karoneh, kheti dhe jui dhonga cholai, pukha dangor aru baccha khan hath para udaikhena moraidhebi |
| TRC OR WRC(LOCAL) | Shallow submergence of water upto 5cm depth throughout the crop period is optimum for high yield |

| Crop(Varieties) | Crop Specific Advisory |
|------------------|---|
| | Guti bhal aru bishi dhuriboleh hudai pani 5cm thakibolageh |
| GROUNDNUT(LOCAL) | For early leaf spot(Tikka disease) Spray bavistin 0.05%+Dithane M 45 0.2% at 2-3 weeks intervals for 2-3 times starting 4-5 weeks after sowing |
| | Leaf spot(Tikka disease) bimar karoneh bijon lagaighenah 4-5 hopta picheta 0.05%+Dithane M 45 0.2% hopta 2-3 charighenah 2-3 spray kuribolageh |
| SOYBEAN(LOCAL) | For white fly, install yellow sticky trap. Paint 1'x 2' size boards with Yellow colour and apply a layer of mustard oil / grease and fix in the field @ 10-15 per ha |
| | White fly karoneh yellow stick trap rakhibi. 1x2 feet board tae yellow paint kuribi aru etu tae mustard oil naholeh grease lagahbi. Aru 10-15 hecare tae ekta rakhibi |

Horticulture Specific Advisory:

| Horticulture (Varieties) | Horticulture Specific Advisory |
|--------------------------|---|
| NAGA CHILLI(LOCAL) | For fruit borer, collect and destroy the damaged fruits and grown up caterpillars |
| | Fruit borer pukha karoneh, biya huija guti aru dangor huija caterpillars puka khan jama kurighenah julaidibi |
| COLOCASIA(LOCAL) | In severe cases of leaf blight, the entire leaf lamina and the petioles are affected giving a blighted appearance and collapse of the plant. Remove the self grown colocasia plants |
| | Leaf blight bimar tae kuchu pata laga kinar khan halka brown aru yellow color huijai aru ghas biya huijai. Nalagah kuchu kinar tae ulaithakia khan mati parah ulaighenah phekabi |

Livestock Specific Advisory:

| Livestock(Varieties) | Livestock Specific Advisory |
|----------------------|---|
| PIGGERY(LOCAL) | Monsoon weather could lead to gastrointestinal parasites infection. It is advised to maintain good sanitary conditions of pig sheds |
| | Borokhon mohinah tae gastrointestinal parasites lagibo parah. Gahori ghor khan sapha aru suka rahibi |

Fisheries Specific Advisory:

| Fisheries(Varieties) | Fisheries Specific Advisory |
|----------------------|---|
| FISHERY(LOCAL) | Do not let weeds cover more than one quarter of the surface. If there are too many weeds, clean your pond |
| | Pukhuri tae ekta bhak parah bishi kitiabi jongol ghas narikhibi. Kitia bishi hoithakibo, etu hisaptae sapha kurithakibi |

Poultry Specific Advisory:

| Poultry(Varieties) | Poultry Specific Advisory |
|--------------------|--|
| POULTRY(LOCAL) | High humidity is favourable for occurrence of coccidial disease especially in poultry. Provide anti- coccidial drugs. Provide ample supply of clean drinking water, keep the house clean and dry |
| | Humidity bishi huileh coccidial bimar ulai. Anti- coccidial drugs dibi. Sapha pani khelabi aru ghor sukha aru sapha rakhibi |



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Umiam, Meghalaya

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



Agromet Advisory Bulletin

Date : 30-08-2019

Weather Forecast of PHEK(Nagaland) Issued On : 2019-08-30(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) |
|-----------------|------------------|--------------|--------------|-------------|--------------|----------------------|----------------------------|-----------------------|
| 2019-08-31 | 17.0 | 33.0 | 24.0 | 95 | 50 | 2.3 | 182 | 8 |
| 2019-09-01 | 24.0 | 32.0 | 25.0 | 98 | 62 | 2.5 | 116 | 8 |
| 2019-09-02 | 15.0 | 33.0 | 25.0 | 93 | 58 | 3.1 | 151 | 7 |
| 2019-09-03 | 32.0 | 32.0 | 26.0 | 94 | 54 | 5.1 | 146 | 8 |
| 2019-09-04 | 19.0 | 33.0 | 25.0 | 97 | 75 | 4.7 | 142 | 8 |

Weather Summary/Alert:

| |
|---|
| Probability of light to moderate rainfall the coming week |
| Pani olop bishi kiribolhe dikaiase |

General Advisory:

| |
|--|
| High humidity is favourable for occurrence of coccidiodial disease especially in poultry. Provide anti-coccidial drugs. Provide ample supply of clean drinking water, keep the house clean and dry |
| Humidity bishi huileh coccidiodial bimar ulai. Anti- coccidial drugs dibi. Sapha pani khelabi aru ghor sukha aru sapha rakhibi |

SMS Advisory:

| |
|--|
| Due to humid weather conditions, there may be increase in population of insect pests. Farmers are advised to install pest specific pheromone traps in the fields for monitoring the insect |
| Etia lakha somoi dhe Pukha khan bishi hobo. Apni khan parishekhoilhe dhik pukha lakha pheromone trap kheta dhe lagabi |

Crop Specific Advisory:

| Crop(Varieties) | Crop Specific Advisory |
|----------------------|---|
| JHUM PADDY(LOCAL) | Mechanical control measures such as smoking the field, hand-picking of adults and nymphs have also been advocated |
| | Khiti tae jui dhunga chola, hath para gundhi bug puka dangor aru bacha jama kurighenah moraidia khan kuribolageh |

| Crop(Varieties) | Crop Specific Advisory |
|--------------------------|--|
| TRC OR WRC(LOCAL) | When infestation of caseworm occurs water should be drained out of the rice field and it should keep dry for 3 or 4 days. Feeding damage includes cutting off the leaf tips to make leaf cases and the upper epidermis of leaves that have been fed on is somewhat papery. It usually appears ladder-like. Damage sometimes occurs in patches. So, proper monitoring should be carried out |
| | Caseworm puka lagileh, khiti parah pani purah jabo dibi aru 3-4 din thok sukha rakhibi |
| FOXTAIL MILLET(LOCAL) | Timely remove and destroy the disease affected plants to avoid spread of the disease. |
| | Dhik time dhe habi aru pukha lakha ghas khan bilabo laghe |

Horticulture Specific Advisory:

| Horticulture (Varieties) | Horticulture Specific Advisory |
|--------------------------|---|
| GINGER(LOCAL) | It folds the leaves and remains inside the fold and defoliates the leaves from the tip and margins. Field sanitation should be maintained |
| | Leaf folder puka para pata tho ghuraighenah bitor tae thakijai aru pata lagah matha parah kinar khan biyah kurideh. Khiti tho sapha rakhibo laghe |

Livestock Specific Advisory:

| Livestock(Varieties) | Livestock Specific Advisory |
|----------------------|--|
| PIGGERY(LOCAL) | Shed should be ventilated and dry. Feed the animals during cool hours of the day |
| | Ghor tho sukha rakhibi aru hawa aha jah kuriboleh khula thakibolageh. Din lagah thanda somia tae hi dana khelabi |

Fisheries Specific Advisory:

| Fisheries(Varieties) | Fisheries Specific Advisory |
|----------------------|---|
| FISHERY(LOCAL) | Do not let weeds cover more than one quarter of the surface. If there are too many weeds, clean your pond. |
| | Pukhuri tae ekta bhak parah bishi kitiabi jongol ghas narikhibi. Kitia bishi hoithakibo, etu hisaptae sapha kurithakibi |

Poultry Specific Advisory:

| Poultry(Varieties) | Poultry Specific Advisory |
|--------------------|--|
| POULTRY(LOCAL) | Surround the house with tall trees. Shades from tall trees and plantation around the sheds can reduce the radiant heat. plantation of trees should be such that trees will be leafy during summer and bald during winter |
| | Murkhi lakah ghor osor dhe lamba ghas khan lakabi. Etu parah dhop gorom, ghor tae lagia tho komti hoi. Gomor mohinah tae patha bishi aru thanda somoi tae patha girijah ghas khan hea lagabi |



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 : 30-08-2019

Weather Forecast of TUENSANG(Nagaland) Issued On : 2019-08-30(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) |
|-----------------|------------------|--------------|--------------|-------------|--------------|----------------------|----------------------------|-----------------------|
| 2019-08-31 | 23.0 | 28.0 | 19.0 | 96 | 61 | 2.4 | 79 | 8 |
| 2019-09-01 | 23.0 | 27.0 | 19.0 | 98 | 70 | 2.5 | 91 | 8 |
| 2019-09-02 | 29.0 | 27.0 | 19.0 | 94 | 70 | 2.9 | 121 | 7 |
| 2019-09-03 | 20.0 | 28.0 | 20.0 | 93 | 61 | 4.0 | 129 | 8 |
| 2019-09-04 | 23.0 | 29.0 | 20.0 | 96 | 79 | 3.8 | 123 | 8 |

Weather Summary/Alert:

Probability of moderate to heavy rainfall the coming days

Pani kiribolhe dikaiase

General Advisory:

High humidity is favourable for occurrence of coccidiodial disease especially in poultry. Provide anti-coccidial drugs. Provide ample supply of clean drinking water, keep the house clean and dry

Humidity bishi huileh coccidiodial bimar ulai. Anti- coccidial drugs dibi. Sapha pani khelabi aru ghor sukha aru sapha rakhibi

SMS Advisory:

Due to humid weather conditions, there may be increase in population of insect pests. Farmers are advised to install pest specific pheromone traps in the fields for monitoring the insect

Etia lakha somoi dhe Pukha khan bishi hobo. Apni khan parishekhoilhe dhik pukha lakha pheromone trap kheta dhe lagabi

Crop Specific Advisory:

| Crop(Varieties) | Crop Specific Advisory |
|----------------------|--|
| JHUM PADDY(LOCAL) | It is a serious pest during the milky stage. Feeding causes empty or small grains during the milking stage. Weed sanitation and eradication of alternate hosts from rice fields and surrounding areas can help prevent the multiplication of the bug Guti dhuriboleh suru somoi tae gundhi bug puka parah khaileh, guti khan khali hoi nahoileh chutu hoi. Khiti aru kinar khan tae jongol ghas khan thakibo nidibi. Enika kurileh pukha tho bishi huinajai |

| Crop(Varieties) | Crop Specific Advisory |
|----------------------|---|
| TRC OR WRC(LOCAL) | Severe weed infestation due to moist soil, use simple rotary weeder between the crop rows in both the directions. About four rotary weeding at 10 to 15 days interval could be adequate till panicle initiation |
| | Mati bijighenah thaka parah jongol ghas bishi ulai. Etu karoneh jongol sapha kuria machine (rotary weeder) dhan ghas majotae cholabi. Gutu nudhura thok 10-15 din pichetae jongal ghas sapha kuri thakibi |

Horticulture Specific Advisory:

| Horticulture (Varieties) | Horticulture Specific Advisory |
|--------------------------|---|
| BRINJAL(LOCAL) | Rogue out the little leaf affected plants from time to time. The leaves will be small, narrow, soft, smooth and yellow. Plant will appear like a bush. Fruiting is rare |
| | Path chutu, norom, saboleh yellow aru ghas tho saboleh bush nishenah thaka ghas khan ulaidibi. Enika ghas tae guti komti dhureh |
| COLOCASIA(LOCAL) | Monitoring should be done for leaf webber. The larvae rolls the leaves and feeds on them. Collect the leaves and bury them in soil. Collect the adult which will be below the leaves and leaf bases |
| | Leaf webber pukha karoneh sabo lageh. Pukha bacha khan patha tho ghurailoi aru khaboleh suru koreh. Etu patha khan ulaighenah mathi tae rupaidibi. Dangor pukha khan patha nichetae thakibo. Etu khan muriadibi |
| KING CHILLI(LOCAL) | In case of leaf curl virus, leaves become small, dwarf and assumes withers broom appearance, fruits formed are small and deformed. Seed should not be collected from virus affected plants |
| | Leaf curl virus tae pata chutu hoi, khata hoi aru mirijai. Mircha tho chutu aru saboleh biyah hoi. Bimar ghas parah bijon guti rakhiboleh nulabi |

Livestock Specific Advisory:

| Livestock(Varieties) | Livestock Specific Advisory |
|----------------------|--|
| PIGGERY(LOCAL) | In case of detection of roundworm in pig, separate the young ones from infected pig, periodic deworming should be done |
| | Gahori tae roundworm thaka janileh, chotu gahori khan bimar gahori para alag tae rakhibi. Somoi tae kechu dawai dibi |

Fisheries Specific Advisory:

| Fisheries(Varieties) | Fisheries Specific Advisory |
|----------------------|---|
| FISHERY(LOCAL) | Feeding should be at the minimum to avoid organic loading in the pond water during acute water scarcity |
| | Pukhuri tae pani komti thaka somoi tae danah bishi nidibi |