



Integrated Agromet Advisory Service Bulletin 21st to 25th July '12 Dimapur District

Bulletin No:54/2012

ICAR RESEARCH COMPLEX FOR NEH REGION
 (Indian Council of Agricultural Research)

NAGALAND CENTER, JHARNAPANI, MEDZIPHEMA

Main Crops	Stage	Pest/ diseases	Agricultural Advisories
Wetland paddy	Stem elongation stage	Stem borer	*Release of the egg parasitoid <i>Trichogramma japonicum</i> @ 50000 adults/ha. *Chemical pesticides are to be applied on need base and judiciously. *Recommended chemicals are to be applied at right time at recommended dose
	Transplanting stage	Stem borer	Clipping off tip of seedling before transplanting reduced carry over of egg from nursery to main field. As the egg of stem borers are laid near the tip of leave
Maize	Maturity stage	-	Maize grown for fodder should be harvested at milk to early dough stage.
Banana	Transplanting stage	-	Pruning should be done on a regular basis as it removes unwanted suckers, saves fertilizers and reduces pests and diseases.
Okra	Flowering to fruiting stage	Leaf folder	Spraying should not be done instead remove the affected leaves and burn it.
Piggery	All young pigs at the time of weaning should be inoculated against swine fever.		
Poultry	Plentiful of clean and fresh water is very much essential. Antibiotics or other stress medications may be added to water if desired. All waterers should be cleaned daily.		
Fishery	When your big pond is full of water and you have fertilized it and the water has become green enough, you are ready to put in the baby fish.		





Integrated Agromet Advisory Service Bulletin 21st to 25th July '12 Kohima District

Bulletin No:54/2012

<i>Weather summary of the preceding week</i>			<i>Weather forecast valid upto 25th July '12</i>
<p>Light rain occurred the past week. The maximum and the minimum temperatures ranged from 26^oC to 32^oC and 20^oC to 22^oC, respectively. The Relative humidity varied from 59% to 98%. Wind speed ranged from 2 to 4 kmph.</p>			<p>There will be light to moderate rain the coming week(4 to 15mm) The max temp ranged 27^oC - 34^oC and the min temp 21^oC - 22^oC. Sky will be mainly cloudy the coming week. Relative Humidity will range from 60% to 98% Wind speed 2 – 4 kmph Wind direction will blow from southeasterly to westerly.</p>
Main Crops	Stage	Pest/ Diseases	Agricultural Advisories
Wetland Paddy	Tillering stage	Stem borer	<ul style="list-style-type: none"> *Release of the egg parasitoid <i>Trichogramma japonicum</i> @ 50000 adults/ha. *Chemical pesticides are to be applied on need base and judiciously. *Recommended chemicals are to be applied at right time at recommended dose
Papaya	Growth stage	-	It can tolerate higher temperature as long as it has an adequate moisture supply. In case of heavy infection, uproot and burn all infected leaves.
Colocasia	Vegetative stage	-	The planted tubers need to be mulched with green or dry leaves. It is important to hasten the germination, control weed growth, regulate soil temperature and also to retain soil moisture.
Poultry	Plentiful of clean and fresh water is very much essential. Antibiotics or other stress medications may be added to water if desired. All waterers should be cleaned daily.		
Fishery	When your big pond is full of water and you have fertilized it and the water has become green enough, you are ready to put in the baby fish.		
Piggery	All young pigs at the time of weaning should be inoculated against swine fever.		



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Mokokchung District

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Weather summary of the preceding week

Light rain occurred the past week
 The maximum and the minimum temperatures ranged 26⁰C to 31⁰C and 21⁰C to 22⁰C, respectively.
 The Relative humidity varied from 70% to 98%.
 Wind speed ranged from 2 to 4 kmph.

Weather forecast valid upto 25th July '12

There will be light rain the coming week (3 to 10 mm)
 The max temp range 32⁰C - 33⁰C and the min temp 21⁰C - 22⁰C,
 Sky will be mainly cloudy the coming week.
 Relative Humidity will range from 64% to 98% and
 Wind speed 2 – 4 kmph
 Wind direction will be from southeasterly to southerly

Main Crops	Stage	Pest/ Diseases	Agricultural Advisories
Jhum paddy	Stem elongation stage	Leaf folder	Release of the egg parasitoid <i>Trichogramma japonicum</i> or <i>T. chilonis</i> @ 50000 adults/ha.
Wetland Paddy	Tillering stage	Stem borer	*Release of the egg parasitoid <i>Trichogramma japonicum</i> @ 50000 adults/ha. *Chemical pesticides are to be applied on need base and judiciously. *Recommended chemicals are to be applied at right time at recommended dose
Banana	Fruiting	-	Remove leaves that rub against the bunches to minimize fruit injury and remove severely diseased leaves.
Cucumber	Harvesting stage	-	The full grown fruit should be harvested when they are still green as delay in harvesting causes the fruit to become unfit for marketing.
Piggery	All young pigs at the time of weaning should be inoculated against swine fever.		
Fishery	When your big pond is full of water and you have fertilized it and the water has become green enough, you are ready to put in the baby fish.		
Poultry	Plentiful of clean and fresh water is very much essential. Antibiotics or other stress medications may be added to water if desired. All waterers should be cleaned daily.		





Integrated Agromet Advisory Service Bulletin from 21st to 25th July '12 Mon District

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Weather summary of the preceding week

Light rain occurred the past week.
The **maximum** and the **minimum temperatures** ranged 26⁰C to 31⁰C and 21⁰C to 22⁰C, respectively.
The **Relative humidity** varied from 75% to 98%.
Wind speed ranged from 2 to 4 kmph.

Weather forecast valid upto 25th July '12

There will be light to moderate rain the coming week (3 – 16 mm)
The **max temp** range from 32⁰C - 33⁰C and the **min temp** 21⁰C - 22⁰C.
Sky will be mainly cloudy the coming days.
Relative Humidity will range from 65% to 98% and
Wind speed 2 – 4 kmph
Wind direction will be from southeasterly to southerly

Main Crops	Stage	Pest/ Diseases	Agricultural Advisories
<i>Jhum paddy</i>	Soft dough to hard dough stage	Gundhi bug	Monitor the field against gundhi bug. The nymph and adult suck juice from the developing grain during milky stage, causing incomplete/ partially filled or chaffy grains. Black or brown spot appears around the hole made by bug on which sooty mould develop. Placing a rotten frog/ dry fish in the field during milky stage, the foul smell of these attract bugs and keep busy on feeding carcass
<i>Wetland paddy</i>	Stem elongation stage	Stem borer	Light trap should be used.
	Seedling growth stage	Stem borer	*Release of the egg parasitoid <i>Trichogramma japonicum</i> @ 50000 adults/ha. *Chemical pesticides are to be applied on need base and judiciously. *Recommended chemicals are to be applied at right time at recommended dose.
<i>Cucumber</i>	Fruiting to harvesting stage	Fruit fly	In case of infestation by fruit fly, the female flies puncture the soft tender fruits, these punctures also serve as an entry for various bacteria and fungi - as a result the infested fruits start rotting, get distorted and malformed in shape and fall off from the plants prematurely. Systemic and regular destruction of the fruit fly affected fruits should be done to kill the maggots.

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<i>Beans</i>	Flowering to podding stage	Aphids	Terminals should be examined for the presence of aphids. An insecticide appropriate for the pests present should be applied
<i>Piggery</i>	All young pigs at the time of weaning should be inoculated against swine fever.		
<i>Fishery</i>	When your big pond is full of water and you have fertilized it and the water has become green enough, you are ready to put in the baby fish.		
<i>Poultry</i>	Plentiful of clean and fresh water is very much essential. Antibiotics or other stress medications may be added to water if desired. All waterers should be cleaned daily.		



Integrated Agromet Advisory Service Bulletin 21st to 25th July '12 Phek District

Bulletin No:54/2012

Weather summary of the preceding week

Light rain occurred the past week.
The **maximum** and the **minimum temperatures** ranged from 23^oC to 28^oC and 19^oC to 21^oC, respectively.
The **Relative humidity** varied from 71% to 98%.
Wind speed ranged from 2 to 4kmph.

Weather forecast valid upto 25th July '12

There will be light rain the coming week (3 to 10 mm)
The **maximum temp** range 28^oC - 29^oC and the **minimum temp** 19^oC to 20^oC.
Sky will be mainly cloudy the coming days.
Relative Humidity will range from 71% to 97%
The **wind speed** 2 - 4 kmph
Wind direction will blow from southeasterly.

Main Crops	Stage	Pest/ Diseases	Agricultural Advisories
Jhum Paddy	Soft to hard Dough stage	Gundhi bug	Monitor the field against gundhi bug. The nymph and adult suck juice from the developing grain during milky stage, causing incomplete/ partially filled or chaffy grains. Black or brown spot appears around the hole made by bug on which sooty mould develop. Placing a rotten frog/ dry fish in the field during milky stage, the foul smell of these attract bugs and keep busy on feeding carcass
Wetland Paddy	Tillering stage	Stem borer	*Release of the egg parasitoid <i>Trichogramma japonicum</i> @ 50000 adults/ha. *Chemical pesticides are to be applied on need base and judiciously. *Recommended chemicals are to be applied at right time at recommended dose
Colocasia	Vegetative stage	-	The planted tubers need to be mulched with green or dry leaves. It is important to hasten the germination, control weed growth, regulate soil temperature and also to retain soil moisture.
Papaya	Growth stage	-	It can tolerate higher temperature as long as it has an adequate moisture supply. In case of heavy infection, uproot and burn all infected leaves.
Okra	Flowering to fruiting stage	Leaf folder	Spraying should not be done instead remove the affected leaves and burn it.
Fishery	When your big pond is full of water and you have fertilized it and the water has become green enough, you are ready to put in the baby fish.		



<i>Piggery</i>	All young pigs at the time of weaning should be inoculated against swine fever.
<i>Poultry</i>	Plentiful of clean and fresh water is very much essential. Antibiotics or other stress medications may be added to water if desired. All waterers should be cleaned daily.



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Tuensang District

Bulletin No:54/2012

Weather summary of the preceding week

Light rain occurred the past week
 The **maximum** and the **minimum temperatures** ranged 23^oC to 28^oC and 19^oC to 20^oC, respectively.
 The **Relative humidity** varied from 86% to 98%.
Wind speed ranged from 2 to 4 kmph.

Weather forecast valid upto 25th July '12

There will be light rain the coming week(4 to 8 mm)
 The **max temp** range 27^oC - 28^oC and the **min temp** 19^oC to 20^oC.
Sky will be mainly cloudy the coming days.
Relative Humidity will range from 84% to 98% and
Wind speed 2 - 4 kmph
 Wind direction will blow from southeasterly

Main Crops	Stage	Pest/ Diseases	Agricultural Advisories
<i>Jhum paddy</i>	Early milky stage	Gundhi bug	Monitor the field against gundhi bug. The nymph and adult suck juice from the developing grain during milky stage, causing incomplete/partially filled or chaffy grains. Black or brown spot appears around the hole made by bug on which sooty mould develop. Placing a rotten frog/ dry fish in the field during milky stage, the foul smell of these attract bugs and keep busy on feeding carcass
<i>Wetland paddy</i>	Stem elongation stage	Stem borer	*Release of the egg parasitoid <i>Trichogramma japonicum</i> @ 50000 adults/ha. *Chemical pesticides are to be applied on need base and judiciously. *Recommended chemicals are to be applied at right time at recommended dose
<i>Cowpea/Beans</i>	Flowering stage	Leaf miner	In home gardens, infested leaves can be removed and destroyed. Insecticides directed at other pests may result in a great increase of leaf miners which were originally suppressed by beneficial insects .
<i>Colocasia</i>	Vegetative stage	-	The planted tubers need to be mulched with green or dry leaves. It is important to hasten the germination, control weed growth, regulate soil temperature and also to retain soil moisture.
<i>Piggery</i>	All young pigs at the time of weaning should be inoculated against swine fever.		

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<i>Fishery</i>	When your big pond is full of water and you have fertilized it and the water has become green enough, you are ready to put in the baby fish.
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Integrated Agromet Advisory Service Bulletin 21st to 25th July '12 Wokha District

Bulletin No:54/2012

Weather summary of the preceding week

Weather forecast valid upto 25th July '12

Light rain occurred the past week.
The **maximum** and the **minimum temperatures** ranged from 26^oC to 32^oC and 20^oC to 22^oC, respectively.
The **Relative humidity** varied from 61% to 98%.
Wind speed ranged from 2 to 4 kmph

There will be light to moderate rain the coming week (3 to 13 mm)
The **max temp** 32^oC - 33^oC and **min temp** 21^oC - 22^oC.
Sky will be mainly cloudy the coming days.
Relative Humidity will range from 58% to 98%
The **wind speed** 4 – 6kmph
Wind direction will blow from southeasterly to southerly.

Main Crops	Stage	Pest/ Diseases	Agricultural Advisories
Jhum paddy	Stem elongation stage	Leaf folder	Release of the egg parasitoid <i>Trichogramma japonicum</i> or <i>T. chilonis</i> @ 50000 adults/ha.
Wetland paddy	Tillering stage	Stem borer	*Release of the egg parasitoid <i>Trichogramma japonicum</i> @ 50000 adults/ha. *Chemical pesticides are to be applied on need base and judiciously. *Recommended chemicals are to be applied at right time at recommended dose
Cucumber	Fruiting to harvesting stage	Fruit fly	The female flies puncture the soft tender fruits, these punctures also serve as an entry for various bacteria and fungi - as a result the infested fruits start rotting, get distorted and malformed in shape and fall off from the plants prematurely.
Colocasia	Vegetative stage	-	The planted tubers need to be mulched with green or dry leaves. It is important to hasten the germination, control weed growth, regulate soil temperature and also to retain soil moisture.
Fishery	When your big pond is full of water and you have fertilized it and the water has become green enough, you are ready to put in the baby fish.		
Piggery	All young pigs at the time of weaning should be inoculated against swine fever.		
Poultry	Plentiful of clean and fresh water is very much essential. Antibiotics or other stress medications may be added to water if desired. All waterers should be cleaned daily.		

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Bulletin No:54/2012

Weather summary of the preceding week

Light rain occurred the past week
The **maximum** and the **minimum temperatures** ranged from 24^oC to 29^oC and 19^oC to 21^oC, respectively.
The **Relative humidity** varied from 72% to 98%.
Wind speed ranged from 2 to 4 kmph.

Weather forecast valid upto 25th July '12

There will be light rain the coming week (3 to 11 mm)
The **maximum temp** range 29^oC - 30^oC and the **minimum temp** 20^oC to 21^oC.
Sky will be mainly cloudy the coming days.
Relative Humidity will range from 68% to 98%
The **wind speed** 2- 4 kmph
Wind direction will blow from southeasterly.

Main Crops	Stage	Pest/ Diseases	Agricultural Advisories
Jhum Paddy	Early milky stage	Gundhi bug	Monitor the field against gundhi bug. The nymph and adult suck juice from the developing grain during milky stage, causing incomplete/ partially filled or chaffy grains. Black or brown spot appears around the hole made by bug on which sooty mould develop. Placing a rotten frog/ dry fish in the field during milky stage, the foul smell of these attract bugs and keep busy on feeding carcass
Wetland Paddy	Tillering stage	Stem borer	*Release of the egg parasitoid <i>Trichogramma japonicum</i> @ 50000 adults/ha. *Chemical pesticides are to be applied on need base and judiciously. *Recommended chemicals are to be applied at right time at recommended dose
Maize	Maturity stage	-	Maize should be harvested when the husk has turned yellow and grains are hard enough. Do not wait for stalks and leaves to dry.
Papaya	Growth stage	-	It can tolerate higher temperature as long as it has an adequate moisture supply. In case of heavy infection, uproot and burn all infected leaves.
Piggery	All young pigs at the time of weaning should be inoculated against swine fever.		

<i>Fishery</i>	When your big pond is full of water and you have fertilized it and the water has become green enough, you are ready to put in the baby fish.
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