

NAGALAND CENTER, JHARNAPANI. MEDZIPHEMA

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

भाकुअनुप ICAR

#### **Integrated Agromet Advisory Service Bulletin 11<sup>th</sup> to 15<sup>th</sup> July'12** Dimapur District

Bulletin No:51/2012

Major Feature of Weather Forecast up to 0830 hours IST of 13th July, 2012

Rain/thundershowers would occur at many places over west coast, Lakshadweep, Andaman

& Nicobar Islands and northeastern states.

Main Crons	Cto co	Dect/	A griggel A divisories
Main Crops	Stage	Pest/	Agricultural Advisories
		diseases	
TRC paddy	Tillering	Stem borer	Release of the egg parasitoid Trichogramma japonicum @ 50,000 adults /ha
	stage		5 times starting from 30 days after transplanting for control
			of stem borers.
	Transplanting	Stem borer	Clipping off tip of seedling before transplanting reduced carry over
	stage		of egg from nursery to main field. As the egg of stem borers are laid
			near the tip of leave
Maize	Maturity	-	Earthing up should be carried out after the rain. As maize is very susceptible
	stage		to water logging, proper drainage should be provided in the field.
Okra	Flowering to	Leaf folder	Spraying should not be done instead remove the affected leaves and burn it.
	fruiting stage		
Piggery			against Japanese encephalitis, a mosquito borne disease. Avoid stagnant
	water in and are	ound the sty, m	aintain proper hygienic condition.
Fishery(newly	* After 15 to 20	) days of manu	ring of pond, start stocking of different species of fish for polyculture, but the
constructed pond)	fish should be	one year or mo	ore than one year old because some elements present in the soil of new pond
		•	y or fingerlings
	indy eduse nam		y or migerinings
	* For polycultu	re, farmers are	advice to stock catla, rohu, common carp, silver carp, mirgal and grass carp.
	1 or polycana		and the second carrier, common carp, on or carp, mingar and grass carp.



## Integrated Agromet Advisory Service Bulletin 11<sup>th</sup> to 15<sup>th</sup> July '12 Kohima District

#### Bulletin No:51/2012

	Weathe	Weather summary of the preceding week			Weather forecast valid upto 15 <sup>th</sup> July '12
	0	ght rain occurred the past week.			There will be light to moderate rain the coming week(6 to 17mm)
	The maximum and the minimum temperatures ranged from $29^{\circ}$ C to $32^{\circ}$ C and $21^{\circ}$ C to $22^{\circ}$ C, respectively.			ged from	The max temp ranged $24^{\circ}$ C - $32^{\circ}$ C and the min temp $21^{\circ}$ C - $22^{\circ}$ C.
		· · · · · · · · · · · · · · · · · · ·			Sky will be mainly cloudy the coming week.
		nidity varied from 5			Relative Humidity will range from 57% to 97%
	wind speed rang	ed from 2 to 4 kmpl	1.		Wind speed 3 – 4 kmph Wind direction will blow from southwesterly to southerly.
	Major Foature o	f Weather Forecast	$\frac{1}{10000000000000000000000000000000000$	urs IST of	
	v		· •	v	t coast, Lakshadweep, Andaman
		ls and northeastern s	v 1		coast, Lakshadweep, Andaman
	Main Crops	Stage	Pest/		Agricultural Advisories
	1	U	Diseases		
	Okra	Flowering to	Leaf folder	Spraying	g should not be done instead remove the affected leaves and burn it.
		fruiting stage			
	· · · · · · ·		<u> </u>	<u> </u>	
	Lowland paddy	LateTransplanting stage	Stem borer		g off tip of seedling before transplanting reduced carry over
		stage			rom nursery to main field. As the egg of stem borers are laid tip of leave
	Maize	Maturity stage			g up should be carried out. As maize is very susceptible to water
	1120004,0	maturity stuge		U U	proper drainage should be provided in the field.
			<del></del>	00 0,	
	Livestock	Water tank should	be cleaned an	d roof top	water harvesting system should be installed.
	Fishery	For polyculture, fa	rmers are advi	ice to stoc	k catla, rohu, common carp, silver carp, mirgal and grass carp.
2	•				
	Piggery		•	-	ese encephalitis, a mosquito borne disease. Avoid stagnant water
		in and around the s	sty, maintain p	roper hyg	gienic condition.

ICAR RESEARCH COMPLEX FOR NEH REGION (Indian Council of Agricultural Research) NAGALAND CENTER, JHARNAPANI. MEDZIPHEMA





# Integrated Agromet Advisory Service Bulletin 11<sup>th</sup> to 15<sup>th</sup> July '12 Mokokchung District

#### Bulletin No:51/2012

-पुप सं CNEH					
		her summary of the	preceding week		Weather forecast valid upto 15 <sup>th</sup> July '12
	Light rain occurr	red the past week			There will be light to moderate rain the coming week (5 to 17 mm)
	The maximum a	and the minimum ter	mperatures ranged	$d 29^{\circ}C$ to	The max temp range $25^{\circ}$ C - $31^{\circ}$ C and the min temp $21^{\circ}$ C - $22^{\circ}$ C,
MA	$31^{\circ}$ C and $21^{\circ}$ C to $22^{\circ}$ C, respectively.				Sky will be mainly cloudy the coming week.
IE		midity varied from 6			Relative Humidity will range from 65% to 98% and
IPF	Wind speed rang	ged from 2 to 4 kmpl	n.		Wind speed 3 – 4 kmph
DZ					Wind direction will be from southwesterly to southerly
<b>AE</b>	v v	f Weather Forecast	*	•	
II.N				er west coa	st, Lakshadweep, Andaman
AN		ds and northeastern s	Pest/ Diseases		Agricultural Advisories
AP	Main Crops	Stage	Pest/Diseases		Agricultural Advisories
RN	Jhum paddy	Late tillering	Leaf folder	Remove	grass weeds from bunds around paddy field. And light trapping of
HA	Jhum puduy	stage	Lear folder		to reduce pest population.
(, J]	TRC	Transplanting	Stem borer	1	g off tip of seedling before transplanting reduced carryover of egg
ER		stage			sery to main field. As the egg of stem borers are laid near the tip of
IN		U		leaf.	
CE				*Release	of the egg parasitoid Trichogramma japonicum @ 50,000 adults /ha 5
0				times star	ting from 30 days after transplanting for control of stem borers.
NAGALAND CENTER, JHARNAPANI.MEDZIPHEMA					
AL	Banana	Fruiting	-		ther sucker should be kept along with the mother plant. The removal
AG					ves and useless pseudo stems should be done in time.
N	Cucumber	Harvesting stage	-		grown fruit should be harvested when they are still green as delay in
	<b>D</b> :	D (* 1 11	1 . 1		g causes the fruit to become unfit for marketing.
	Piggery				encephalitis, a mosquito borne disease. Avoid stagnant water in and
		around the sty, mai	intain proper nygi	enic condi	11011.
_///	Fishery	For polyculture, fa	rmers are advice t	o stock cat	tla, rohu, common carp, silver carp, mirgal and grass carp.
JTK	5	1 5 7			
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### **Integrated Agromet Advisory Service Bulletin from 11<sup>th</sup> to 15<sup>th</sup> July '12** Mon District

Bulletin No:51/2012

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		summary of the pr	eceding week		Weather forecast valid upto 15 <sup>th</sup> July '12	
	Light rain occurred the past week.				There will be light to moderate rain the coming week $(3 -$	
	The maximum and the minimum temperatures ranged $29^{\circ}$ C				22 mm)	
	to $31^{\circ}$ C and $21^{\circ}$ C to $22^{\circ}$ C, respectively.				The max temp range from $25^{\circ}$ C - $31^{\circ}$ C and the min temp	
	The Relative humidity varied from 73% to 98%.				$21^{0}$ C - $22^{0}$ C.	
	Wind speed range	d from 1 to 2 kmph	l.		Sky will be mainly cloudy the coming days.	
-					Relative Humidity will range from 67% to 97% and	
M					Wind speed 2 – 4 kmph	
					Wind direction will be from southwesterly to southeasterly	
		Weather Forecast i	· •	· · · · ·		
Ĩ				over west	coast, Lakshadweep, Andaman	
	& Nicobar Islands	and northeastern s				
A	Main Crops	Stage	Pest/		Agricultural Advisories	
A			Diseases			
S						
Ā	Jhum paddy	Milky to early	Gundhi	Traditional method:		
		Dough stage	bug	U	rotten frog/ dry fish in the field during milky stage, the foul	
Ϋ́, Ι			~		hese attract bugs and keep busy on feeding carcass	
Ę	TRC paddy	Tillering stage	Stem		of the egg parasitoid Trichogramma japonicum @ 50,000	
II I			borer		5 times starting from 30 days after transplanting for control	
NAGALAND CENTEK, JHAKNAPANI,MEDZIPHEMA		1	a.	of stem bo		
Į		Transplanting	Stem		off tip of seedling before transplanting reduced carry over	
T P		stage	borer	00	m nursery to main field. As the egg of stem borers are laid	
AU -	Conservation	Email flag	near the tip of leave			
A	Cucumber	Fruiting stage	Fruit fly	the magge	c and regular destruction of the fruit fly affected fruits to kill	
4				nt stirring or ploughing or racking of the soil under infested		
					ine to kill the pupae.	
				-	the vine with some repellents like fine ash mixed kerosene	
				to repel th	·	
	Beans	Flowering to	Aphids	-	at and destroy the infected parts	
	Dound	podding stage	r ipilius		at and desitoy the infected parts	
		pouring stuge				

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	Piggery	Precaution should be taken against <b>Japanese encephalitis, a mosquito borne disease</b> . Avoid stagnant water in and around the sty, maintain proper hygienic condition.
HIGP SITE	Fishery	For polyculture, farmers are advice to stock catla, rohu, common carp, silver carp, mirgal and grass carp.



## Integrated Agromet Advisory Service Bulletin 11<sup>th</sup> to 15<sup>th</sup> July '12 Phek District

#### Bulletin No:51/2012

Weath	er summary of the	preceding we	ek	Weather forecast valid upto 15 <sup>th</sup> July '12
Light rain occur	t rain occurred the past week.			There will be light to moderate rain the coming week (5 to 19
The maximum a	and the minimum	temperatures 1	ranged from	mm)
$25^{\circ}$ C to $28^{\circ}$ C and	$d 19^{0}C$ to $20^{0}C$ , re	spectively.	-	The maximum temp range $22^{\circ}$ C - $28^{\circ}$ C and the minimum temp
The Relative hu	midity varied fron	n 70% to 98%.		$19^{0}$ C to $21^{0}$ C.
Wind speed range	ged from 2 to 4km	ph.		Sky will be mainly cloudy the coming days.
				Relative Humidity will range from 70% to 96%
				The wind speed 3 - 4 kmph
				Wind direction will blow from westerly to southerly.
· · · · · · · · · · · · · · · · · · ·	of Weather Foreca	· · · · · · · · · · · · · · · · · · ·	e e e e e e e e e e e e e e e e e e e	
		• I	es over west	coast, Lakshadweep, Andaman
& Nicobar Islan	ds and northeaster	n states.	-	
Main Crops	Stage	Pest/		Agricultural Advisories
		Diseases		
Jhum Paddy	Milky to early	Gundhi	Traditional	
	Dough stage	bug	U U	tten frog/ dry fish in the field during milky stage, the foul
			smell of the	se attract bugs and keep busy on feeding carcass
Paddy	Transplanting	Stem borer	11 0	f tip of seedling before transplanting reduced carry over
	stage		00	nursery to main field. As the egg of stem borers are laid
			near the tip	
Maize	Maturity stage	-	U 1	should be carried out after the rain. As maize is very susceptible
			to water log	ging, proper drainage should be provided in the field.
Papaya	Transplanting	Stem Rot	Due to high	moisture in the soil, farmers are advised to monitor the field for
	stage		stem rot. C	hemical treatment can be done by spraying copper oxychloride
			@3gm/lt of	water and water logging should be avoided by maintaining proper
			drainage.	
Okra	Flowering to	Leaf folder	Spraying sh	ould not be done instead remove the affected leaves and burn it.
	fruiting stage			
Fishery	For polyculture,	farmers are ad	lvice to stock	catla, rohu, common carp, silver carp, mirgal and grass carp.

ICAR RESEARCH COMPLEX FOR NEH REGION (Indian Council of Agricultural Research) NAGALAND CENTER, JHARNAPANI, MEDZIPHEMA

Piggery Precaution should be taken against Japanese encephalitis, a mosquito borne disease. Avoid stag in and around the sty, maintain proper hygienic condition.   HID 3FUL Image: Application of the sty in the sty i	nant water
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## **Integrated Agromet Advisory Service Bulletin 11<sup>th</sup> to 15<sup>th</sup> July'12** Tuensang District

Bulletin No:51/2012

NEH	Duneun No.51/2012					
	Weather summary of the preceding week				Weather forecast valid upto 15 <sup>th</sup> July '12	
	Light rain occurre	1			There will be light to moderate rain the coming week(3 to	
	The maximum and the minimum temperatures ranged $23^{\circ}C$				20 mm)	
	to $27^{\circ}$ C and $19^{\circ}$ C to $20^{\circ}$ C, respectively.				The max temp range $22^{\circ}$ C - $27^{\circ}$ C and the min temp $19^{\circ}$ C	
	The Relative humidity varied from 87% to 99%.				to $20^{0}$ C.	
<b>IA</b>	Wind speed ranged	d from 2 to 3 kmph			Sky will be mainly cloudy the coming days.	
E				I	Relative Humidity will range from 85% to 98% and	
Hd				N	Wind speed 2 - 4 kmph	
IZ				V	Wind direction will blow from westerly to southerly.	
E		Weather Forecast u				
NAGALAND CENTER,JHARNAPANI. MEDZIPHEMA			• 1	es over west co	ast, Lakshadweep, Andaman	
Z	& Nicobar Islands	and northeastern st	tates.			
PA	Main Crops	Stage	Pest/		Agricultural Advisories	
N.			Diseases			
R I	Jhum paddy	Panicle	Gundhi	Traditional n		
HA		initiation stage	bug	0	en frog/ dry fish in the field during milky stage, the foul	
J.				smell of these attract bugs and keep busy on feeding carcass		
E	TRC paddy	Tillering stage	Stem		e egg parasitoid Trichogramma japonicum @ 50,000 adults	
Z I			borer		arting from 30 days after transplanting for control	
CE				of stem borers		
Ð	Cowpea/Beans	Flowering stage	Leaf		s are plentiful, foliar loss can be significant and plant	
A			miner		be reduced resulting in fewer and lower quality fruit. In	
AL					ens, infested leaves can be removed and destroyed.	
D I					lirected at other pests may result in a great increase of leaf	
Ż	<u> </u>			miners which were originally suppressed by beneficial insects		
	Colocasia	Vegetative	-	Farmers are ad	dvised to do weeding, light hoeing and earthing up.	
		stage				
	Piggery	Precaution should	l be taken a	gainst <b>Japanes</b>	se encephalitis, a mosquito borne disease. Avoid stagnant	
		water in and around	nd the sty, i	naintain proper	r hygienic condition.	
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Fishery	For polyculture, farmers are advice to stock catla, rohu, common carp, silver carp, mirgal and grass
	carp.



#### Integrated Agromet Advisory Service Bulletin 11<sup>th</sup> to 15<sup>th</sup> July'12 Wokha District

Bulletin No:51	/2012					
Weather	r summary of the p	receding wee	rk –	Weather forecast valid upto 15 <sup>th</sup> July '12		
Light rain occurre	ed the past week.			There will be light to moderate rain the coming week (7 to 22		
The maximum an	d the minimum te	mperatures ra	anged from	mm)		
$27^{\circ}$ C to $31^{\circ}$ C and	$27^{\circ}$ C to $31^{\circ}$ C and $21^{\circ}$ C to $22^{\circ}$ C, respectively.			The max temp $24^{\circ}$ C - $32^{\circ}$ C and min temp $21^{\circ}$ C - $22^{\circ}$ C.		
The Relative hum	idity varied from 5	58% to 97%.		Sky will be mainly cloudy the coming days.		
Wind speed range	ed from 3 to 4 kmp	h		Relative Humidity will range from 59% to 95%		
				The wind speed 4 – 6 kmph		
				Wind direction will blow from southwesterly to southerly.		
· · · · · · · · · · · · · · · · · · ·	Weather Forecast	· · · · · · · · · · · · · · · · · · ·	v			
		• 1	s over west	coast, Lakshadweep, Andaman		
	s and northeastern		1			
Main Crops	Stage	Pest/		Agricultural Advisories		
		Diseases				
Jhum paddy	Late tillering	Leaf	Remove grass weeds from bunds around paddy field. And light trapping			
	stage	folder	adult help	to reduce pest population.		
TRC	Transplanting stage	Stem borer	*Clipping off tip of seedling before transplanting reduced carryover of egg from nursery to main field. As the egg of stem borers are laid near the tip of leaf. *Release of the egg parasitoid <i>Trichogramma japonicum</i> @ 50,000 adults /ha 5 times starting from 30 days after transplanting for control of stem borers.			
Cucumber	Fruiting stage	Fruit fly	maggots. * Consistat or vine to k	and regular destruction of the fruit fly affected fruits to kill the nt stirring or ploughing or racking of the soil under infested plant kill the pupae. the vine with some repellents like fine ash mixed kerosene to repel		
Colocasia	Vegetative stage	Leaf blight	0 0	(removing all or parts of infected leaves) reduces inoculum levels. field sanitation		
Fishery	For polyculture.	, farmers are	advice to sto	ock catla, rohu, common carp, silver carp, mirgal and grass carp.		

NAGALAND CENTER, JHARNAPANI.MEDZIPHEMA ICAR RESEARCH COMPLEX FOR NEH REGION (Indian Council of Agricultural Research)



Piggery

Precaution should be taken against Japanese encephalitis, a mosquito borne disease. Avoid stagnant	
water in and around the sty, maintain proper hygienic condition.	







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## Integrated Agromet Advisory Service Bulletin 11<sup>th</sup> to 15<sup>th</sup> July'12 Zunheboto District

#### Bulletin No:51/2012

<i>15<sup>th</sup> July '12</i> e coming week (5 to 19 9 <sup>0</sup> C and the minimum		
9°C and the minimum		
$9^{\circ}$ C and the minimum		
days.		
6 to 99%		
y to southerly.		
Agricultural Advisories		
ky stage, the foul		
g carcass		
uced carry over		
n borers are laid		
1 11 1 '		
d yellow and grains are		
у.		
ed to monitor the field		
e by spraying copper		
should be avoided by		
isease. Avoid stagnant		

j	Fishery	For polyculture, farmers are advice to stock catla, rohu, common carp, silver carp, mirgal and grass carp.