

R RESEARCH COMPLEX FOR NEH REGION ICA

Mizoram Centre, Kolasib- 796081, MIZORAM

(Prepared based on District wise Weather Forecast received from IMD, Guwahati)



District: Lunglei

Bulletin No: -543/2015/ Bulletin/English

Period: 12- 16 August, 2015

Date of issue: 11th August, 2015

	<u> </u>				
Parameters	12.08.2015	13.08.2015	14.08.2015	15.08.2015	16.08.2015
Rainfall (mm)	15	13	3	3	0
Max Temp (oC)	33	30	32	31	30
Min Temp (oC)	22	22	21	21	21
Cloud Coverage	Mainly cloudy	Mainly cloudy	Mainly cloudy	Mainly cloudy	Mainly cloudy
Max RH (%)	99	99	99	98	98
Min RH (%)	60	76	53	62	69
Wind Speed (KmpH)	2	2	3	3	3
*Wind Direction	E	E	E	E	S-E
			Easterly- E, South		
			Westerly-W, North		
STATUS OF MONSO					
Aizawl- 412.50m	m Champh	ai- 105.47mm			sib- 331.10mm
(341.8m)	m)	(250.30mm)	(87.)	2mm)	(380.9mm)
Lawngtlai-291.28m	m Lungle	ei-326.52mm	Mamit-204.8		1hip-189.57mm
(285.5m)	n)	(186.21mm)	(442.8	30mm)	(25.9mm)
Weather summa	ry of the past	t Weather	forecast valid f	rom 12 th Augu	ıst, 2015 To
three o	lays		16 th Aug	ust, 2015.	
next 4 day. The maximum and minimum temper for the next 5 days may range for 30-33°C and 21 Maximum relative humidity is expected in the ra 98-99% and minimum may from 53-76%. Wind di would be easterly to southeasterly with the wind of 2-3 km per hour. Dense cloudy sky will prevail the next five days.				C and 21-22°C. in the range of Wind direction the wind speed I prevail during	
NIDIT Com Minores		North East Region	ekly cumulativ		
NDVI for Mizoram		Agriculture vigour is good in valley NDVI conditions are observed all or	Persistent doud Persistent doud Deciground 0.2 - 0.3 0.3 - 0.4 0.4 - 0.5 0.5 - 0.6 0.5 - 0.6 so of North-East sub-ich so of North-East sub-ich so of North-East sub-ich		· · ·
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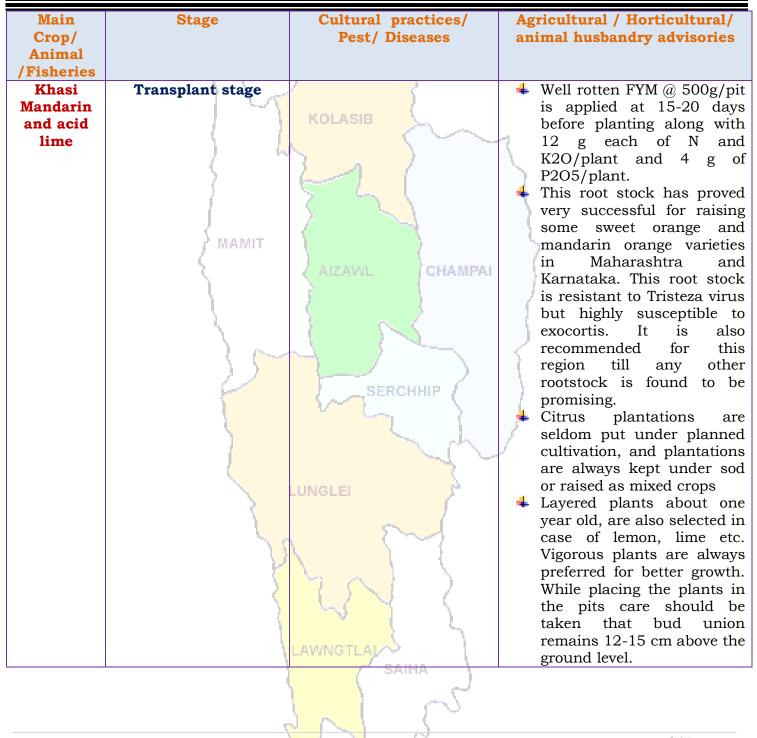


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Khasi Mandarin	Flower/Harvest stage		4	Mandarins start bearing
and acid				from the fourth year but substantial yield can be
lime				expected only from sixth
		1 1		year onwards.
		KOLASIB	-	Fruits are harvested when
		\sim	-1	they attain full size, develop attractive colour with
) 4		1	optimum sugar and acid
	Σ			blend. Fruits should be
	1	251	1	harvested preferably with
	J		1	clipper, shears or secateurs. Mandarins should not be
	AMAMIT	1	1	harvested in wet weather or
	ζ	AIZAWL CHAMPAI		during rains.
		Stanta	-	Trees are trained to single
	1		- (stem with 4-6 well-spaced branches for making the
			1	basic framework. The
			<	lowermost branches are not
				allowed to grow below the
		SERCHHIP (height of 50 cm. from the soil surface.
		Devitalization of plants	2.	Spraying with insecticides
		due to poor fruit set, fruit	1	viz. monocrotophos,
		drop both at bearing and maturity stage, stem	-	phosalone, dimethoate, phosphamidon,
		tunnelling, bark removal,		quinalphos @ 2 ml/lt of
		girdling etc., on account of		water.
		the attack of the different		
	7 (insect pests viz. citrus black fly, citrus psylla,		
	2	citrus leaf miner, bark		
		eating caterpillar, mealy		
	2	bugs, citrus aphids, citrus thrips, fruit fly, mites etc.		
Oil plam	Vegetative/flowering/		4	Remove all dead plants and
	Harvesting stage			replace with healthy
		(saiha)		seedling.
		~	-	Cleaning near base of the plant and cut unwanted
				÷
				3 P a g e

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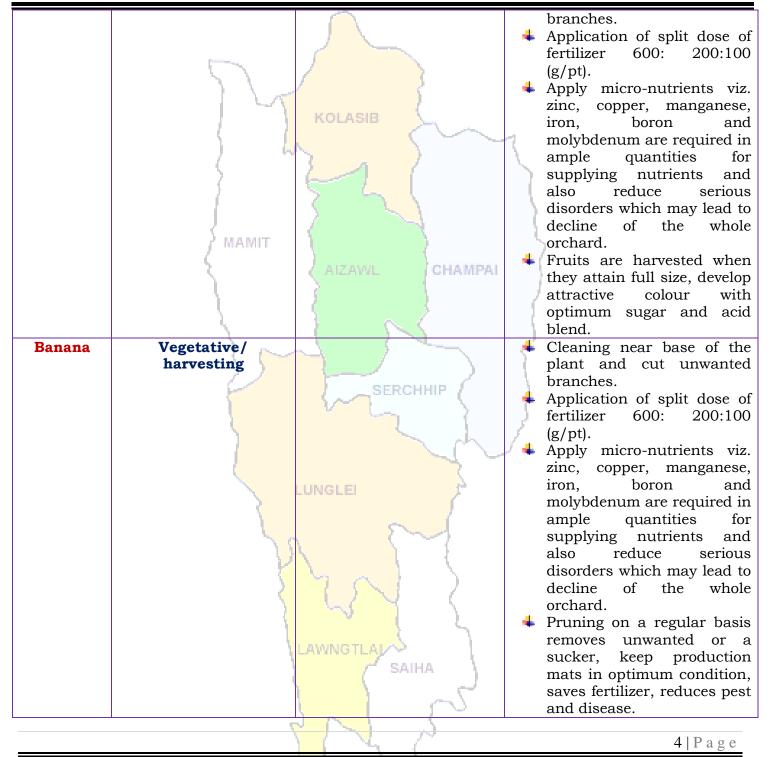


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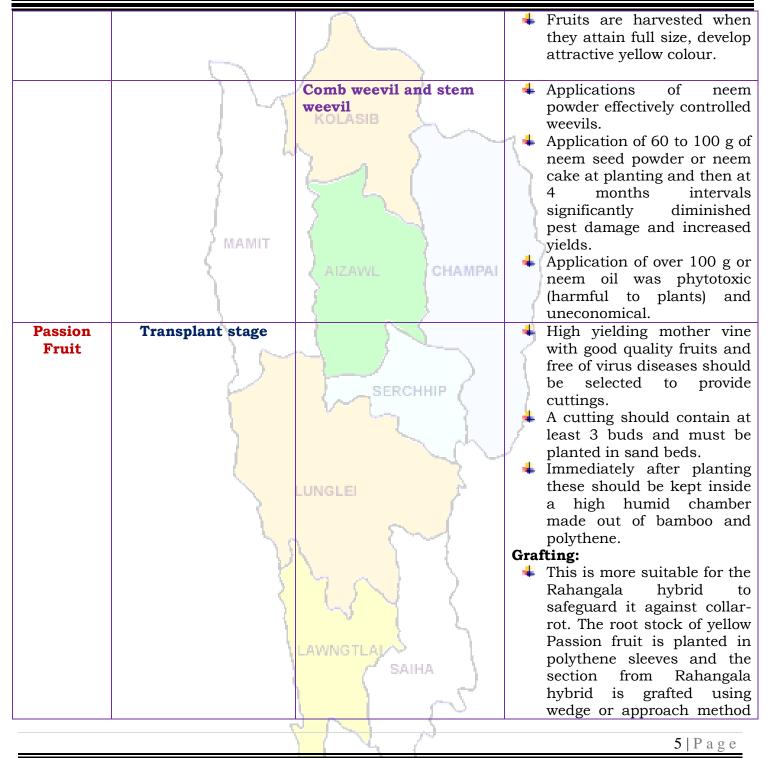


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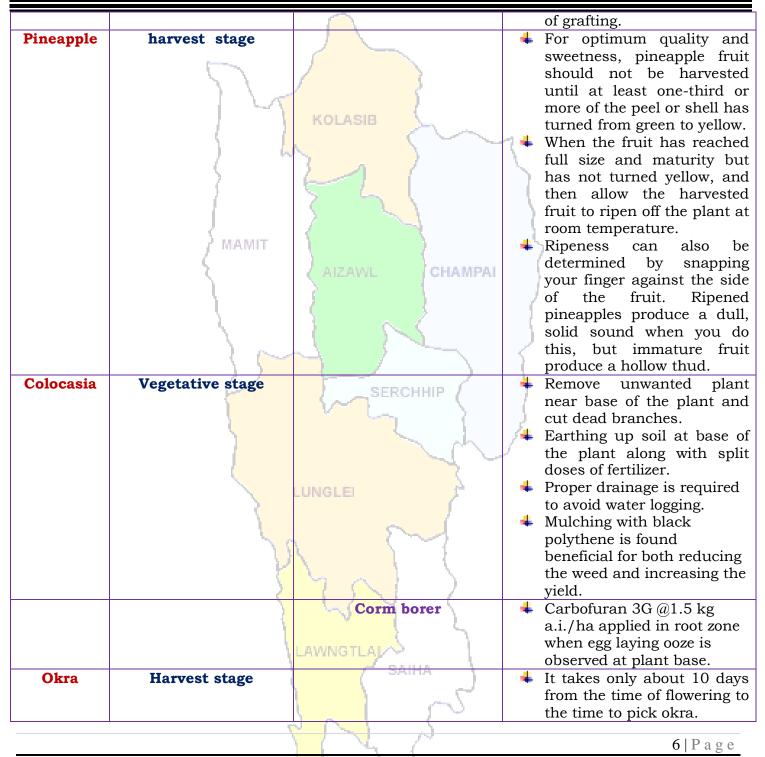




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	and the second sec	-1-	D. 1. 1 1 1 1 1 1
		-	Picking okra should be done
			when they are four to five
			inches long.
		-	Don't leave the fruit too
			long, they get hard and
			woody.
French	harvest stage	•	In pole type varieties,
bean		2	mature pods should be
			harvested twice.
		•	First harvest should be
		1	done when two third pods
			look dry and second harvest
			when 90% pod remaining
	/ MAMIT		pods look dry.
	AIZAWL CHAMPAI	•	In case bush type varieties,
			harvest can be done one
		(because of their
			determinate growth and
			synchronization in pod
D • • 1			maturity.
Brinjal	Flower stage		Remove unwanted plant
	SERCHHIP {		near base of the plant and
			cut dead branches.
		- F	Pre emergence application of Basalin @0.5 ml/lit of
		1	water for reduce grass type
			weed.
	LUNGLEI	4	Mulching with black
	CONGLEI	-	polythene film reduces weed
			growth, increases the crop
			growth.
		4	Split dose of fertilizer
			application @ 50kg/ha
			urea.
Tomato	Flower stage	4	Remove unwanted plant
			near base of the plant and
			cut dead branches.
	SAIHA	- 4	Pre emergence application
	(SAIRA)		of Basalin @0.5 ml/lit of
	7_		water for reduce grass type
			weed.
			7.1.7.
			7 P a g e



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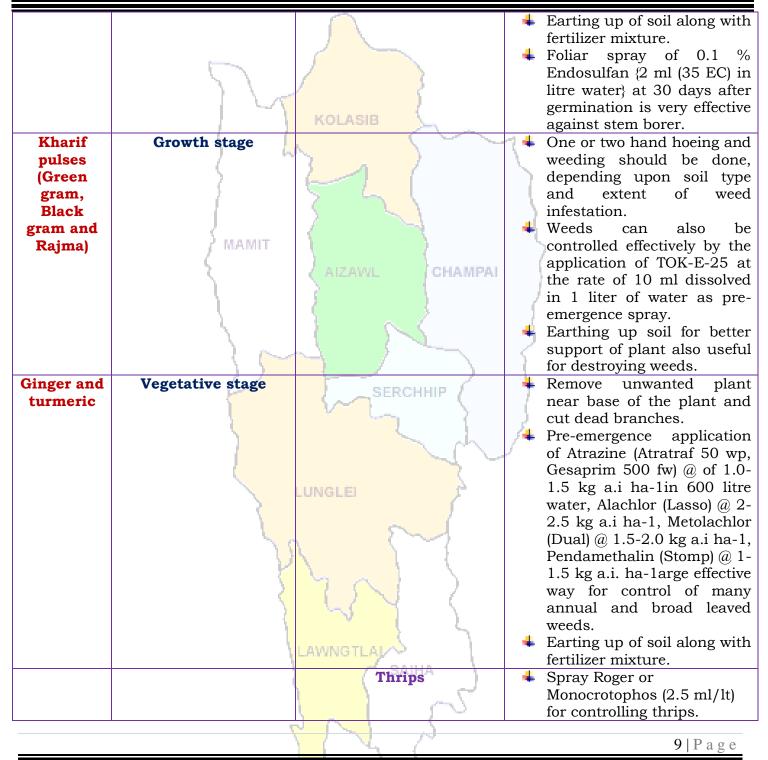
		4 Mulching with black
		polythene film reduces weed
		growth, increases the crop
		growth.
		Split dose of fertilizer
	KOLASIB	application @ 50kg/ha
		urea.
Rice	Maximum tillering Kharif Rice	4 Avoid sowing till sufficient
	stage	rains have been received
		+ If sowing is delayed, plant
		short duration varieties
		Practice thinning of crop atomd reduce plant
	AMMIT	stand, reduce plant
		population and use the biomass as mulch,
	AIZAWL CHAMPAI	intercultural Operation to
		control weeds in case of
		upland rice
		Conserve rain water in
		ponds/tanks/field for
		irrigation during critical
		growth stages
	SERCHHIP (Foliar application of
		nutrients (Urea 2 %) may be
		done where moisture is a
		constraint
Maize	Flowering stage	4 Pre-emergence application
	LUNGLEI	of Atrazine (Atratraf 50 wp,
		Gesaprim 500 fw) @ of 1.0-
		1.5 kg a.i ha-1in 600 litre
		water, Alachlor (Lasso) @ 2-
		2.5 kg a.i ha-1, Metolachlor
		(Dual) @ 1.5-2.0 kg a.i ha-1,
		Pendamethalin (Stomp) @ 1-
		1.5 kg a.i. ha-1arge effective
		way for control of many
		annual and broad leaved
	SAIHA	weeds.
		Remove unwanted plant
	7~ (near base of the plant and
		cut dead branches.
		0 L D .
		8 P a g e



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Pig All stages Porcine Reproductive Respiratory Syndrome (PRRS). 1. Culling of positive pigs of piglets. Adult stage Swine fever. 2. Vaccination of pigs with S vaccines at 2 months an yearly interval/6 mont interval Cattle All age group Foot and Mouth Disease (FMD) • FMD vaccine at 16 wee and repeat every 6 month. Young stage Black Quarter (BQ) • Black Quarter Vaccine (BQV).				
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Pig All stages Porcine Reproductive Respiratory Syndrome (PRRS). 1. Culling of positive pigs of piglets. Adult stage Swine fever. 2. Vaccination of pigs with S vaccines at 2 months and yearly interval/6 month interval Cattle All age group Foot and Mouth Disease (FMD) • FMD vaccine at 16 wee and repeat every 6 month. Young stage Black Quarter (BQ) • Black Quarter Vaccin (BQV). • Black Quarter Vaccin (BQV). Poultry Adult stage Ranikhet Disease. • F1 vaccine at (1-6) days birth and R ₂ B vaccine fa adult birds. Early stage Coccidiosis 1. Amprolium or coccidiostat LUNGLEI LUNGLEI LUNGLEI				
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Adult stage Cattle Adult stage Cattle Swine fever. 2. Vaccination of pigs with S vaccines at 2 months an yearly interval/6 monthinterval Cattle All age group Foot and Mouth Disease (FMD) Flow vaccine at 16 weard and repeat every 6 month. Young stage Black Quarter (BQ) Black Quarter Vaccin (BQV). Black Quarter Vaccin (BQV). Poultry Adult stage Ranikhet Disease. Fl vaccine at (1-6) days birth and R ₂ B vaccine fa adult birds. Early stage Coccidiosis 1. Amprolium or coccidiostat	Pig	All stages	Porcine Reproductive	1. Culling of positive pigs of
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Cattle All age group Foot and Mouth Disease (FMD) • FMD vaccine at 16 wee and repeat every 6 month. Black Quarter Vaccin (BQV). Young stage Black Quarter (BQ) • Black Quarter Vaccin (BQV). Poultry Adult stage Ranikhet Disease. • F1 vaccine at (1-6) days birth and R_B vaccine fa adult birds. Early stage Coccidiosis 1. Amprolium or coccidiostat				
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Cattle All age group Foot and Mouth Disease (FMD) FMD vaccine at 16 wee and repeat every 6 month. Young stage Black Quarter (BQ) Black Quarter Vaccin (BQV). Adult stage Ranikhet Disease. Primary vaccination month or above Poultry Adult stage Ranikhet Disease. F1 vaccine at (1-6) days birth and R ₂ B vaccine fa adult birds. Early stage Coccidiosis 1. Amprolium or coccidiostat				vaccines at 2 months an
Cattle All age group Foot and Mouth Disease (FMD) • FMD vaccine at 16 wee and repeat every 6 month. Young stage Black Quarter (BQ) • Black Quarter Vaccin (BQV). • Black Quarter Vaccin (BQV). Poultry Adult stage Ranikhet Disease. • F1 vaccine at (1-6) days birth and R ₂ B vaccine fa adult birds. Early stage Coccidiosis 1. Amprolium or coccidiostat SERCHHP LUNGLE LUNGLE LAWINGTLAL		/ /		yearly interval/6 mont
Young stage Black Quarter (BQ) Black Quarter Vaccin (BQV). Poultry Adult stage Ranikhet Disease. P1 vaccina tion annually Poultry Adult stage Coccidiosis 1. Amprolium or coccidiostat Early stage Coccidiosis 1. Amprolium or coccidiostat				interval
Young stage Black Quarter (BQ) Black Quarter Vaccin (BQV). Poultry Adult stage Ranikhet Disease. P1 vaccina tion annually Poultry Adult stage Coccidiosis 1. Amprolium or coccidiostat Early stage Coccidiosis 1. Amprolium or coccidiostat	Cattle	All age group	Foot and Mouth Disease	• FMD vaccine at 16 wee
Young stage Black Quarter (BQ) Black Quarter Vaccin (BQV). Primary vaccination month or above Primary vaccination month or above Poultry Adult stage Ranikhet Disease. • F1 vaccine at (1-6) days birth and R ₂ B vaccine fa adult birds. Early stage Coccidiosis 1. Amprolium or coccidiostat SERCHHIP LUNGLE LUNGLE			(FMD)	and repeat every 6 month.
Poultry Adult stage Ranikhet Disease. (BQV). Poultry Adult stage Ranikhet Disease. • Early stage Coccidiosis • F1 vaccine at (1-6) days birth and R2B vaccine for adult birds. Early stage Coccidiosis • I. Amprolium or coccidiostat		Young stage	Black Quarter (BQ)	
Poultry Aduit stage Ranikhet Disease. * Primary vaccination month or above Poultry Aduit stage Ranikhet Disease. • F1 vaccine at (1-6) days birth and R2B vaccine fa adult birds. Early stage Coccidiosis 1. Amprolium or coccidiostat SERCHHIP LUNGLE LUNGLE LUNGLE LAWNG TLAUSAHA SAIHA SAIHA		ĭ∤ māmit		e
Poultry Adult stage Ranikhet Disease. • F1 vaccine at (1-6) days birth and R2B vaccine fe adult birds. Early stage Coccidiosis 1. Amprolium or coccidiostat LUNGLE LUNGLE LUNGLE			ALZ DALL	
Poultry Adult stage Ranikhet Disease. • F1 vaccine at (1-6) days birth and R ₂ B vaccine for adult birds. Early stage Coccidiosis 1. Amprolium or coccidiostat SERCHHIP LUNGLEI LUNGLEI LAWNGTLATSAIHA			CALLANIC	
Poultry Adult stage Ranikhet Disease. • F1 vaccine at (1-6) days birth and R ₂ B vaccine for adult birds. Early stage Coccidiosis 1. Amprolium or coccidiostat SERCHHIP LUNGLEI LUNGLEI LAWNGTLATSAIHA				✤ Revaccination annually
Early stage Coccidiosis 1. Amprolium or coccidiostat	Poultry	Adult stage	Ranikhet Disease.	Ŭ
Early stage Coccidiosis 1. Amprolium or coccidiostat	-	<u>\</u>		
) ~~		
		Early stage	Coccidiosis	1. Amprolium or coccidiostat
SAIHA			LUNGLEI	
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District: Mamit

Bulletin	No: -543	/2015/	Bulletin	English
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Period: 12- 16 August, 2015

Date of issue: 11th August, 2015

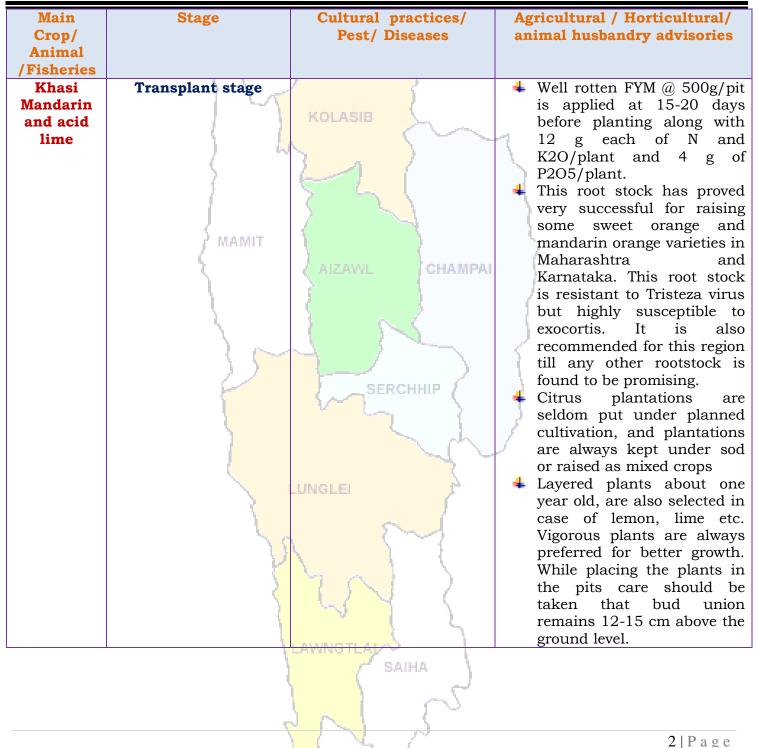
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Min Temp (oC)	23	23	23	22	22
Cloud Coverage	Mainly cloudy	Mainly cloudy	Partially clear	Mainly cloudy	Partially clear
Max RH (%)	100	99	98	96	95
Min RH (%)	60	62	64	74	67
Wind Speed (KmpH)	2	2	3	4	4
*Wind Direction	S-E	S-E	S-E	S-E	S
		h-Easterly- <mark>N-E</mark> , Ea			
		n-Westerly- <mark>S-W</mark> , We			
STATUS OF MONSO					
Aizawl- 412.50m	m Champha	ui- 105.47mm	Saiha- 307.78	<mark>8 mm Kolasi</mark>	b- 331.10mm
(341.8m)		(250.30mm)	(87.)	2mm)	(380.9mm)
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(285.5m)	n)	(186.21mm)	(442.8	30mm)	(25.9mm)
Weather summa	ry of the past	Weather fo	orecast valid f	rom 12 th Augus	t, 2015 To
three o	days		16 th Aug	ust, 2015.	
		There are cha	ances of light r	ainfall during th	ne next 4 day.
			0	im temperatures	5
				3° C and 22-23 ^o	
			0	ed in the range	
			<i>u i</i>	<u> </u>	
			0	0-74%. Wind di	
			2	ly with the wind	-
		· · ·		ly sky will preva	ail during the
		next five days	S.		
		Weel	kly cumulativ	e rainfall: 23.0) mm
NDVI for Mizoram		North East Region	8 July 2015 N	DVI for Mizoran	n is less than
		ATT A		ormal NDVI. V	
		The second	Persistent cloud	nat NDVI is	
		Con the	background	epresents "Bare	/
		CALLY .	0.3-0.4 1 C	presents bale	
		n B	>0.6		
		Agriculture vigour is good in valleys of N cover parts of Assam . NDVI values vary NDVI conditions are observed all over NE	forth-East states which from 0.4-0.6. Normal		
			region.		
					1 D
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Khasi Mandarin and acid lime	Flower/Harvest stage	KOLASIB KOLASIB AIZAWL CHAMPAI AIZAWL CHAMPAI SERCHHIP Devitalization of plants due to poor fruit set, fruit drop both at bearing and maturity stage, stem tunnelling, bark removal, girdling etc., on account of the attack of the different insect pests viz. citrus black fly, citrus psylla, citrus leaf miner, bark eating caterpillar, mealy bugs, citrus aphids, citrus thrips, fruit	 Mandarins start bearing from the fourth year but substantial yield can be expected only from sixth year onwards. Fruits are harvested when they attain full size, develop attractive colour with optimum sugar and acid blend. Fruits should be harvested preferably with clipper, shears or secateurs. Mandarins should not be harvested in wet weather or during rains. Trees are trained to single stem with 4-6 well-spaced branches for making the basic framework. The lowermost branches are not allowed to grow below the height of 50 cm. from the soil surface. Spraying with insecticides viz. monocrotophos, phosalone, dimethoate, phosphamidon, quinalphos @ 2 ml/lt of water.
011		fly, mites etc.	
Oil plam	Vegetative/flowering/ Harvesting stage	Saiha	 Remove all dead plants and replace with healthy seedling. Cleaning near base of the
			3 P a g e

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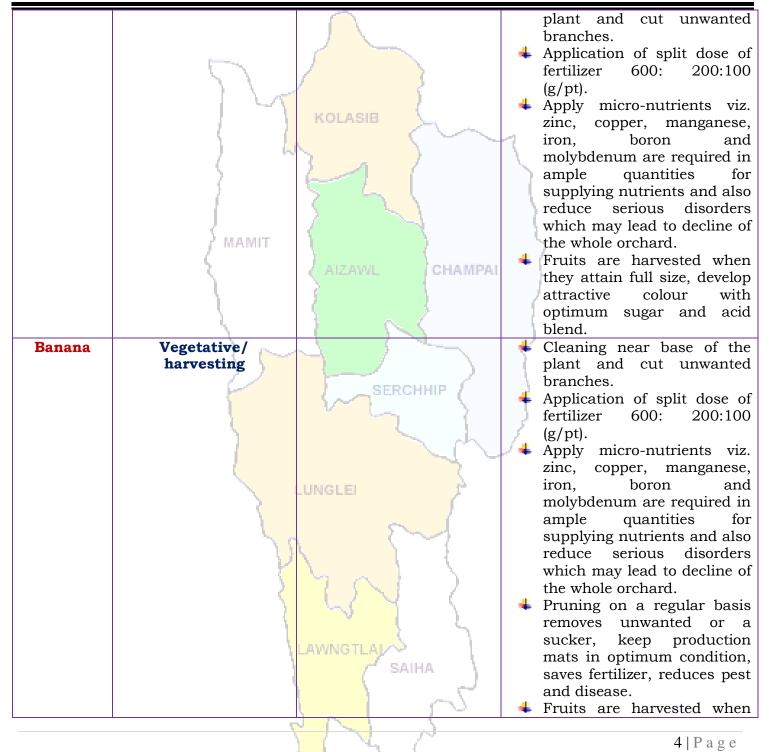


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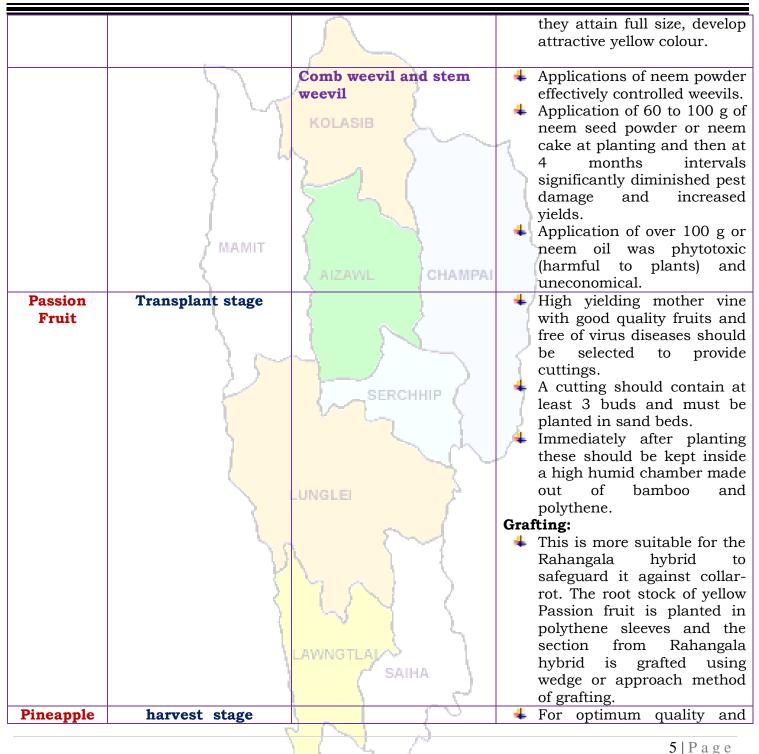




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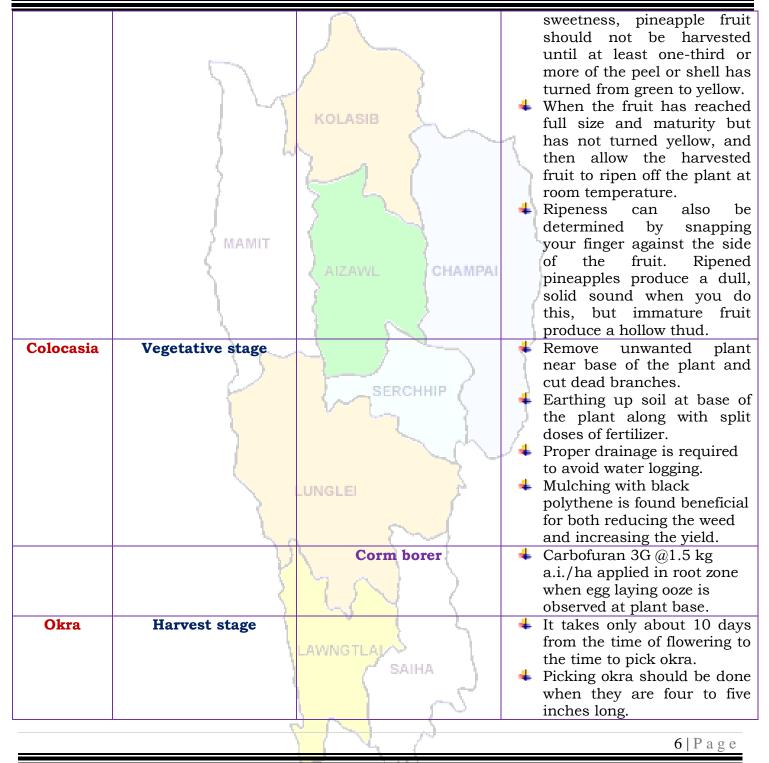




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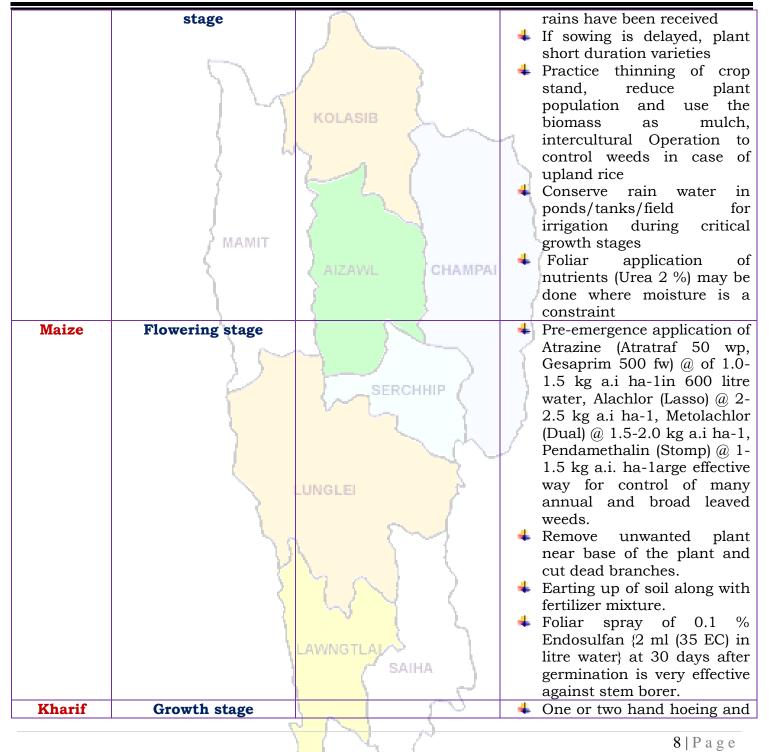
Brinjal Flower stage In or har becchar bechar becchar becchar bec	pole type varieties are pods should be ested twice. harvest should be done a two third pods look and second harves 90% pod remaining look dry. ase bush type varieties est can be done one use of their determinate th and synchronization of maturity.
Brinjal Flower stage Image: Serie of the	use of their determinate th and synchronization
Tomato Flower stage	
Tomato Flower stage 4 Ren	
LAWNGTLAL SAIHA LAWNGTLAL SAIHA LAWNGTLAL SAIHA LAWNGTLAL SAIHA	
Rice Maximum tillering Kharif Rice 4 Avo	



ICAR RESEARCH COMPLEX FOR NEH REGION

Mizoram Centre, Kolasib- 796081, MIZORAM (Prepared based on District wise Weather Forecast received from IMD,



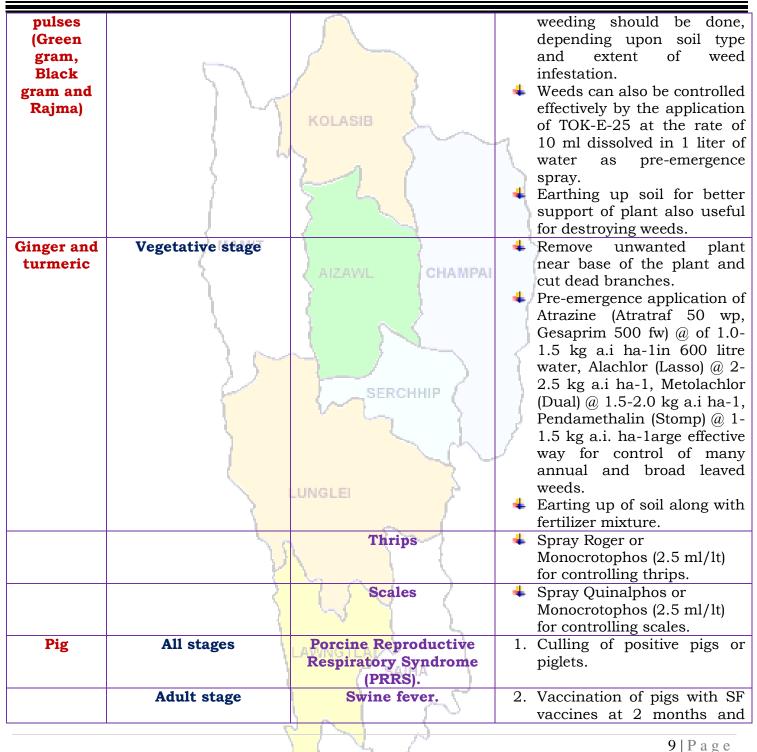




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			yearly interval/6 month
			interval
Cattle	All age group	Foot and Mouth Disease	• FMD vaccine at 16 week and
		(FMD)	repeat every 6 month.
	Young stage	Black Quarter (BQ)	Black Quarter Vaccine
	1 - 1	KOLASIB	(BQV). ♦ Primary vaccination 6
			 Primary vaccination 6 month or above
) 4		 Revaccination annually
Poultry	Adult stage	Ranikhet Disease.	• F1 vaccine at (1-6) days o
•			birth and R_2B vaccine for
			adult birds.
	Early stage	Coccidiosis	1. Amprolium or coccidiostat
	ξ	AIZAWL CHAMPAI	(
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Mizoram Centre, Kolasib- 796081, MIZORAM (Prepared based on District wise Weather Forecast received from IMD,

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		2015	0

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#### **District: Saiha**

Bulletin No: -543/2015/ Bulletin/English

### Period: 12- 16 August, 2015

### Date of issue: 11th August, 2015

		<u> </u>		(				
Parameters		12.08.2015	13.08.2015	14.08.2015	15.08.2015	16.08.2015		
Rainfall (mm)		10	9	0	0	0		
Max Temp (oC	•	31	29	31	30	29		
Min Temp (oC)	)	22	21	21	20	20		
Cloud Coverag	ge	Mainly cloudy	Mainly cloudy	Partially clear	Mainly cloudy	Partially clear		
Max RH (%)		99	98	98	99	97		
Min RH (%)		64	67	57	64	69		
Wind Speed (K	(KMpH)	2	2	2	2	2		
*Wind Directio	on	E	Е	E	E	E		
	N	ortherly- <mark>N</mark> , Nort	h-Easterly- <mark>N-E</mark> , Ea	sterly- E, South-	Easterly- <mark>S-E</mark> ,			
	So	utherly- <mark>S</mark> , Soutl	n-Westerly- <mark>S-W</mark> , W	esterly-W, North-	westerly- N-W.			
STATUS OF I	MONSC	OON- July 1-31	2015 (Percent o	f deviation from	n normal in par	renthesis)		
Aizawl- 412	2.50m	m Champha	ui- 105.47mm	Saiha- 307.78	mm Kolasi	ib- 331.10mm		
(34	41.8m	m)	(250.30mm)	(87.2	mm)	(380.9mm)		
Lawngtlai-29	1.28m	m Lunglei	-326.52mm	Mamit-204.84	mm Serchl	nip-189.57mm		
(28	35.5mr	n)	(186.21mm)	(442.8	Omm)	(25.9mm)		
Weather su	umma	ry of the past	Weather fo	orecast valid fr	om 12 th Augus	st, 2015 To		
t	hree d	lavs	16 th August, 2015.					
				nces of modera The maximum	0	U		
				for the next 5 days may range for 29-31°C and 20-22°C.				
				ative humidity	0			
				minimum may	<b>±</b>	0		
				U				
				would be easterly with the wind speed of 2 km per hour. Dense cloudy sky will prevail during the next five days.				
			Dense cloudy	Dense cloudy sky will prevail during the next live days.				
				kly cumulative				
NDVI for Miz	oram		North East Region	^{8 July 2015} N	DVI for Mizora	m is less than		
				n	ormal NDVI.	Value shown		
				ersistent cloud <- 0.2 / bare soil / wet background	at NDVI is	zero. So, it		
			CON STR		presents "Bare	Soil".		
				0.4-0.5	1			
			- M	>0.6				
			Agriculture vigour is good in valleys of cover parts of Assam . NDVI values va NDVI conditions are observed all over N	y from 0.4-0.6. Normal E region.				
Main		Stage	Cultural p	ractices/	Agricultural / H	lorticultural/		
				(		1   Page		

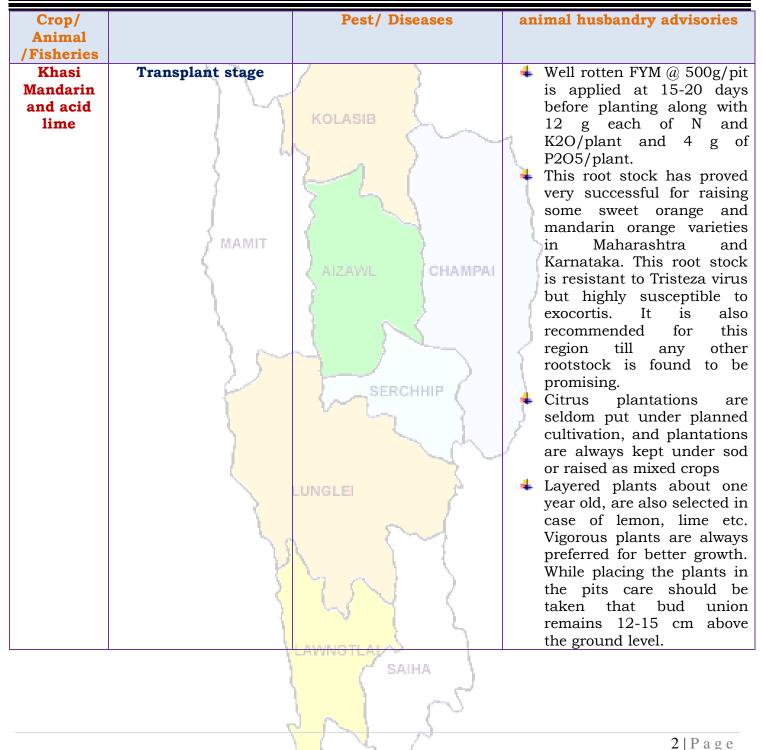


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Khasi	Flower/Harvest stage		4	Mandarins start bearing
Mandarin				from the fourth year but
and acid				substantial yield can be
lime		7 3		expected only from sixth
		5	-	year onwards. Fruits are harvested when
		KOLASIB	-	they attain full size, develop
	5 6	$\sim$	-1	attractive colour with
	) 4		1	optimum sugar and acid
	5			blend. Fruits should be
	2			harvested preferably with
				clipper, shears or secateurs.
	1 1			Mandarins should not be
	/ MAMIT			harvested in wet weather or
	2	AIZAWL CHAMPAI	-	during rains. Trees are trained to single
	1		. T,	stem with 4-6 well-spaced
		- (	ſ	branches for making the
				basic framework. The
			1	lowermost branches are not
				allowed to grow below the
		SERCHHIP		height of 50 cm. from the
	-		-(-	soil surface.
		Devitalization of plants due to poor fruit set, fruit	1	<ul> <li>Spraying with insecticides viz. monocrotophos,</li> </ul>
	1	drop both at bearing and	/	phosalone, dimethoate,
		maturity stage, stem		phosphamidon,
		tunnelling, bark removal,		quinalphos @ 2 ml/lt of
	2	girdling etc., on account of		water.
		the attack of the different		
	N (	insect pests viz. citrus		
	V V	black fly, citrus psylla, citrus leaf miner, bark		
	5	eating caterpillar, mealy		
		bugs, citrus aphids, citrus		
		thrips, fruit fly, mites etc.		
Oil plam	Vegetative/flowering/		4	Remove all dead plants and
	Harvesting stage	SAIHA		replace with healthy
				seedling.
			-	Cleaning near base of the
	<u> </u>			plant and cut unwanted
				3   P a g e

#### Phone: +91 3837 220041, Fax: +91 3837 220560, E-mail: kolasib.amfu@gov.in

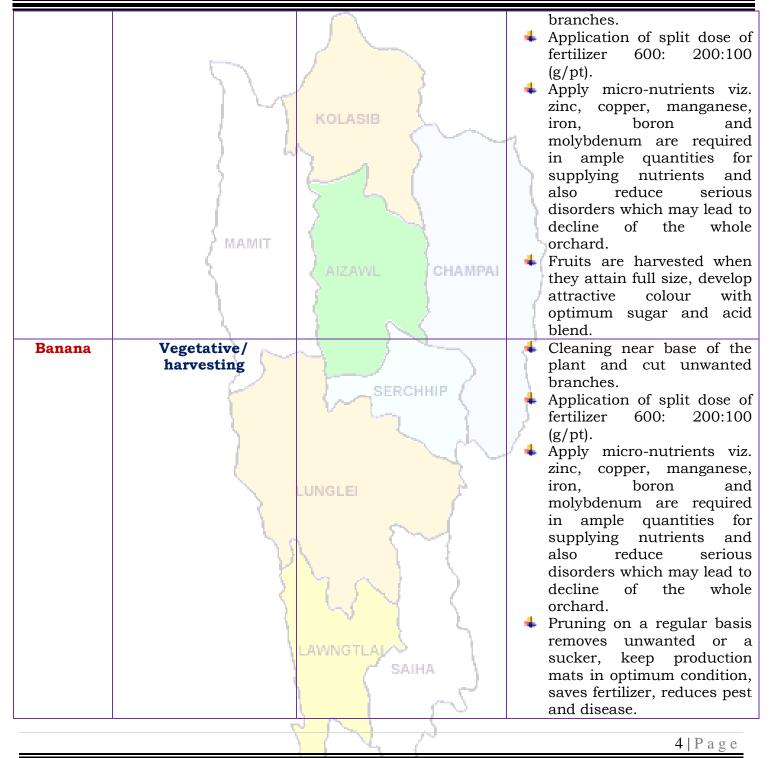


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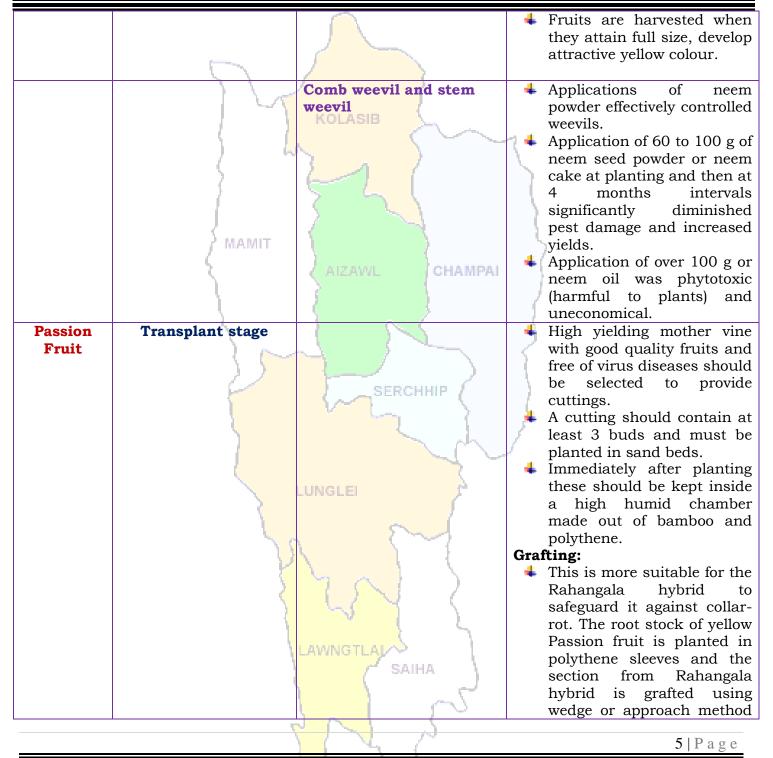




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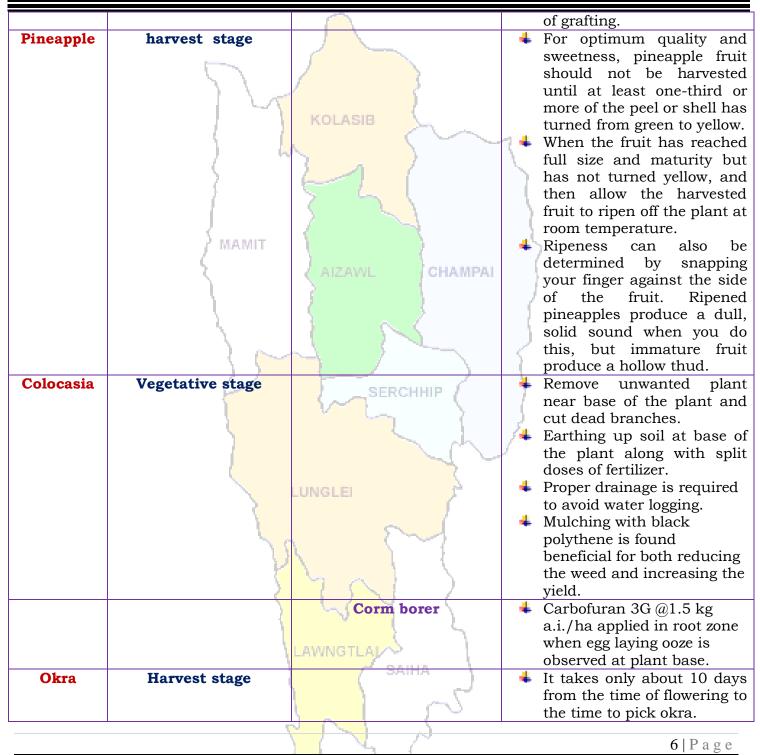




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		-	Picking okra should be done
			when they are four to five
			inches long.
		- +	Don't leave the fruit too
			long, they get hard and
	horrest store		woody.
French	harvest stage	•	In pole type varieties,
bean		1	mature pods should be
			harvested twice.
		•	First harvest should be
		$  \langle \rangle$	done when two third pods
			look dry and second harvest
			when 90% pod remaining
	/ MAMIT		pods look dry.
	AIZAWL CHAMPAI	•	In case bush type varieties,
			harvest can be done one
		(	because of their
			determinate growth and
			synchronization in pod
		<u> </u>	maturity.
Brinjal	Flower stage	1 👎	Remove unwanted plant
	SERCHHIP {		near base of the plant and
		1.5	cut dead branches.
		18	Pre emergence application of Basalin @0.5 ml/lit of
			water for reduce grass type
			weed.
	LUNGLEI	4	Mulching with black
		<b>-</b>	polythene film reduces weed
			growth, increases the crop
			growth.
		4	Split dose of fertilizer
			application @ 50kg/ha
			urea.
Tomato	Flower stage	4	Remove unwanted plant
	e e e e e e e e e e e e e e e e e e e		near base of the plant and
			cut dead branches.
	SAIHA	4	Pre emergence application
	( SAIRA )		of Basalin @0.5 ml/lit of
	- T		water for reduce grass type
			weed.
			7   D
			7   P a g e



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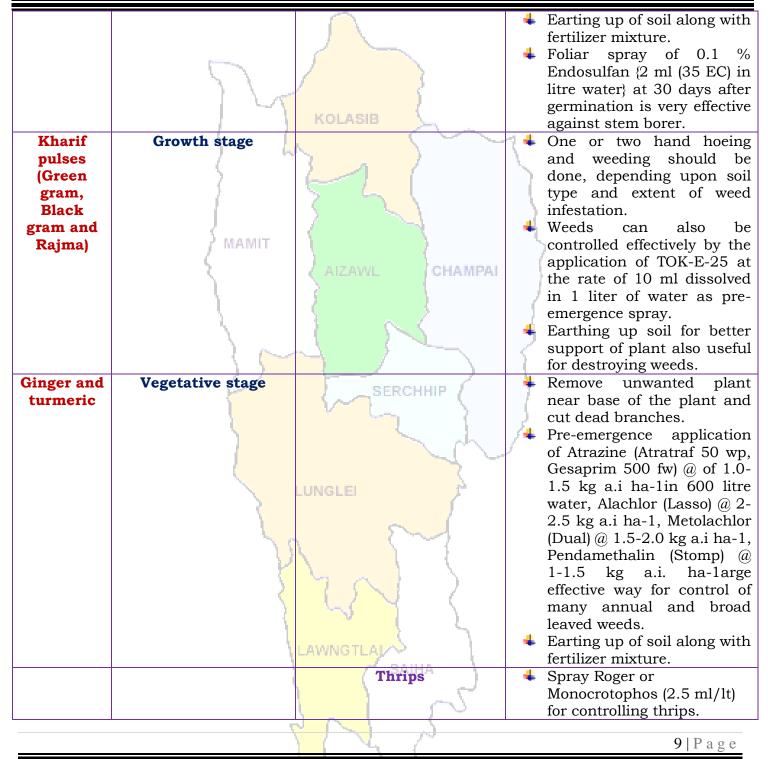
		Mulching with black
		polythene film reduces weed
		growth, increases the crop
		growth.
		📥 Split dose of fertilizer
	Kolanin	application @ 50kg/ha
	KOLASIB	urea.
Rice	Maximum tillering Kharif Rice	🔁 🖊 Avoid sowing till sufficient
	stage	rains have been received
		4 If sowing is delayed, plant
		short duration varieties
		Practice thinning of crop
		stand, reduce plant
	/ MAMIT	population and use the
	AIZAWL CHAMPAI	biomass as mulch,
		intercultural Operation to
		control weeds in case of
		upland rice
		Conserve rain water in
		ponds/tanks/field for
		irrigation during critical
	SERCHHIP	growth stages
		+ Foliar application of
		nutrients (Urea 2 %) may be
		done where moisture is a constraint
Maize	Flowering stage	<ul> <li>Constraint</li> <li>Pre-emergence application</li> </ul>
Maize		of Atrazine (Atratraf 50 wp,
	LUNGLEI	Gesaprim 500 fw) @ of 1.0-
		1.5  kg a.i ha-1in 600 litre
		water, Alachlor (Lasso) @ 2-
		2.5 kg a.i ha-1, Metolachlor
		(Dual) @ 1.5-2.0 kg a.i ha-1,
		Pendamethalin (Stomp) @
		1-1.5 kg a.i. ha-large
		effective way for control of
		many annual and broad
	LAWNGTLAL	leaved weeds.
	SAIHA	Remove unwanted plant
		near base of the plant and
		cut dead branches.
		8   P a g e



**ICAR RESEARCH COMPLEX FOR NEH REGION** 

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Pig       All stages       Porcine Reproductive Respiratory Syndrome (PRRS).       1. Culling of positive pigs of piglets.         Adult stage       Swine fever.       2. Vaccination of pigs with S vaccines at 2 months an yearly interval/6 mont interval         Cattle       All age group       Foot and Mouth Disease (FMD)       • FMD vaccine at 16 wee and repeat every 6 month.         Young stage       Black Quarter (BQ)       • Black Quarter Vaccine				
Pig       All stages       Porcine Reproductive Respiratory Syndrome (PRRS).       for controlling scales.         Adult stage       Swine fever.       2. Vaccination of pigs with S vaccines at 2 months an yearly interval/6 mont interval         Cattle       All age group       Foot and Mouth Disease (FMD)       -         Young stage       Black Quarter (BQ)       -         MAMIT       Black Quarter (BQ)       -         Adult stage       Ranikhet Disease.       -         Poultry       Adult stage       Ranikhet Disease.       -         Fl vaccine at (1-6) days of adult birds.       -       Fl vaccine fa adult birds.         Early stage       Coccidiosis       1. Amprolium or coccidiostat			Scales	👃 Spray Quinalphos or
Pig       All stages       Porcine Reproductive Respiratory Syndrome (PRRS).       1. Culling of positive pigs of piglets.         Adult stage       Swine fever.       2. Vaccination of pigs with S vaccines at 2 months at yearly interval/6 month interval         Cattle       All age group       Foot and Mouth Disease (FMD)       • FMD vaccine at 16 wee and repeat every 6 month.         Young stage       Black Quarter (BQ)       • Black Quarter Vaccin (BQV).         Poultry       Adult stage       Ranikhet Disease.       • F1 vaccine at (1-6) days birth and R ₂ B vaccine fa adult birds.         Early stage       Coccidiosis       1. Amprolium or coccidiostat				
Adult stage       Respiratory Syndrome (PRR8).       piglets.         Adult stage       Swine fever.       2. Vaccination of pigs with S vaccines at 2 months an yearly interval/6 month interval         Cattle       All age group       Foot and Mouth Disease (FMD)       -         Young stage       Black Quarter (BQ)       -       -         Voung stage       Black Quarter (BQ)       -       Black Quarter Vaccin (BQV).         Primary vaccination month or above       -       Revaccination annually         Poultry       Adult stage       Ranikhet Disease.       -         F1 vaccine at (1-6) days - birth and R ₂ B vaccine for adult birds.       -       -         Early stage       Coccidiosis       1. Amprolium or coccidiostat         UNGLEI       LUNGLEI       -       -				
Adult stage       Swine fever.       2. Vaccination of pigs with S vaccines at 2 months an yearly interval/6 mont interval         Cattle       All age group       Foot and Mouth Disease (FMD)       • Flow vaccine at 16 wee and repeat every 6 month.         Young stage       Black Quarter (BQ)       • Black Quarter Vaccin (BQV).       • Black Quarter Vaccin (BQV).         Poultry       Adult stage       Ranikhet Disease.       • Fl vaccine at (1-6) days obirth and R ₂ B vaccine for adult birds.         Early stage       Coccidiosis       1. Amprolium or coccidiostat	Pig	All stages	<b>Porcine Reproductive</b>	1. Culling of positive pigs of
Adult stage       FOD Swine fever.       2. Vaccination of pigs with S vaccines at 2 months an yearly interval/6 mont interval         Cattle       All age group       Foot and Mouth Disease (FMD)       • FMD vaccine at 16 wee and repeat every 6 month.         Young stage       Black Quarter (BQ)       • Black Quarter Vaccin (BQV).       • Black Quarter Vaccin (BQV).         Poultry       Adult stage       Ranikhet Disease.       • F1 vaccine at (1-6) days of birth and R2B vaccine for adult birds.         Early stage       Coccidiosis       1. Amprolium or coccidiostat         SERCHHP       LUNGLE       LUNGLE			<b>Respiratory Syndrome</b>	piglets.
Cattle       All age group       Foot and Mouth Disease (FMD)       • FMD vaccine at 16 wee and repeat every 6 month. • Black Quarter Vaccin (BQV).         Young stage       Black Quarter (BQ)       • Black Quarter Vaccin (BQV).         Poultry       Adult stage       Ranikhet Disease.         Early stage       Coccidiosis       1. Amprolium or coccidiostat         SERCHHIP       LUNGLE       LUNGLE				
Cattle       All age group       Foot and Mouth Disease (FMD)       • FMD vaccine at 16 wee and repeat every 6 month.         Young stage       Black Quarter (BQ)       • Black Quarter Vaccin (BQV).         Poultry       Adult stage       Ranikhet Disease.       • Fl vaccine at 1-6 days of birth and R ₂ B vaccine fe adult birds.         Early stage       Coccidiosis       1. Amprolium or coccidiostat		Adult stage	Swine fever.	
Cattle       All age group       Foot and Mouth Disease (FMD)       FMD vaccine at 16 wee and repeat every 6 month.         Young stage       Black Quarter (BQ)       Black Quarter Vaccin (BQV).         Adult stage       Ranikhet Disease.       Primary vaccination month or above         Poultry       Adult stage       Ranikhet Disease.       F1 vaccine at (1-6) days of birth and R ₂ B vaccine fa adult birds.         Early stage       Coccidiosis       1. Amprolium or coccidiostat				
Cattle       All age group       Foot and Mouth Disease (FMD)       • FMD vaccine at 16 wee and repeat every 6 month.         Young stage       Black Quarter (BQ)       • Black Quarter Vaccin (BQV).       • Black Quarter Vaccin (BQV).         Poultry       Adult stage       Ranikhet Disease.       • F1 vaccine at (1-6) days birth and R2B vaccine for adult birds.         Early stage       Coccidiosis       1. Amprolium or coccidiostat         SERCHHP       LUNGLEI         LUNGLEI       LAWINGTLAL SAIHA		(	$13 \land 1$	
Young stage       Black Quarter (BQ)       Black Quarter Vaccin (BQV).         Primary vaccination month or above       Primary vaccination month or above         Poultry       Adult stage       Ranikhet Disease.         Early stage       Coccidiosis       1. Amprolium or coccidiostat				
Young stage       Black Quarter (BQ)       Black Quarter Vaccir (BQV).         AlZAWL       CHAMPAI       Primary vaccination month or above         Poultry       Adult stage       Ranikhet Disease.       •         F1 vaccine at (1-6) days or birth and R2B vaccine for adult birds.       •       F1 vaccine at (1-6) days or birth and R2B vaccine for adult birds.         Early stage       Coccidiosis       1. Amprolium or coccidiostat         LUNGLEI       Coccidiosis       1. Amprolium or coccidiostat	Cattle	All age group		
Poultry       Adult stage       Ranikhet Disease.       (BQV).         Poultry       Adult stage       Ranikhet Disease.       •         F1 vaccine at (1-6) days of birth and R2B vaccine for adult birds.       •       F1 vaccine at (1-6) days of birth and R2B vaccine for adult birds.         Early stage       Coccidiosis       1. Amprolium or coccidiostat				
Poultry       Adult stage       Ranikhet Disease.       •       •       Primary vaccination month or above         *       Revaccination annually       •       •       •       •       •       •       •       •       •       •       •       •       •       •       •       •       •       •       •       •       •       •       •       •       •       •       •       •       •       •       •       •       •       •       •       •       •       •       •       •       •       •       •       •       •       •       •       •       •       •       •       •       •       •       •       •       •       •       •       •       •       •       •       •       •       •       •       •       •       •       •       •       •       •       •       •       •       •       •       •       •       •       •       •       •       •       •       •       •       •       •       •       •       •       •       •       •       •       •       •       •       •       •       •       •		Young stage	Black Quarter (BQ)	e
Poultry       Adult stage       Ranikhet Disease.       •       F1 vaccine at (1-6) days of birth and R ₂ B vaccine for adult birds.         Early stage       Coccidiosis       1. Amprolium or coccidiostat		/ MAMIT		
Poultry       Adult stage       Ranikhet Disease.       F1 vaccine at (1-6) days of birth and R ₂ B vaccine for adult birds.         Early stage       Coccidiosis       1. Amprolium or coccidiostat         SERCHHIP       LUNGLE       LUNGLE         LUNGLE       LUNGLE       LUNGLE			AIZAWL CHAMPAI	
Poultry       Adult stage       Ranikhet Disease.       •       F1 vaccine at (1-6) days of birth and R2B vaccine for adult birds.         Early stage       Coccidiosis       1. Amprolium or coccidiostat         SERCHHIP       UNGLEI       LUNGLEI         LUNGLEI       LUNGLEI       LAWNG TLAY SAIHA		1		
Early stage Coccidiosis 1. Amprolium or coccidiostat				•
Early stage Coccidiosis 1. Amprolium or coccidiostat	Poultry	Adult stage	Ranikhet Disease.	
Early stage Coccidiosis 1. Amprolium or coccidiostat SERCHHIP LUNGLEI LAWINGTLAL SAIHA				
LUNGLEI		Early stage	Coccidiosis	1. Amprolium or coccidiostat
SAIHA			LUNGLEI	



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			kvkaizawl@rediffmail.com
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11 | P a g e



**ICAR RESEARCH COMPLEX FOR NEH REGION** 

Mizoram Centre, Kolasib- 796081, MIZORAM

(Prepared based on District wise Weather Forecast received from IMD,

Guwahati)



### **District:** Serchhip

Bulletin No: -543/2015/ Bulletin/English

### Period: 12- 16 August, 2015

#### Date of issue: 11th August, 2015

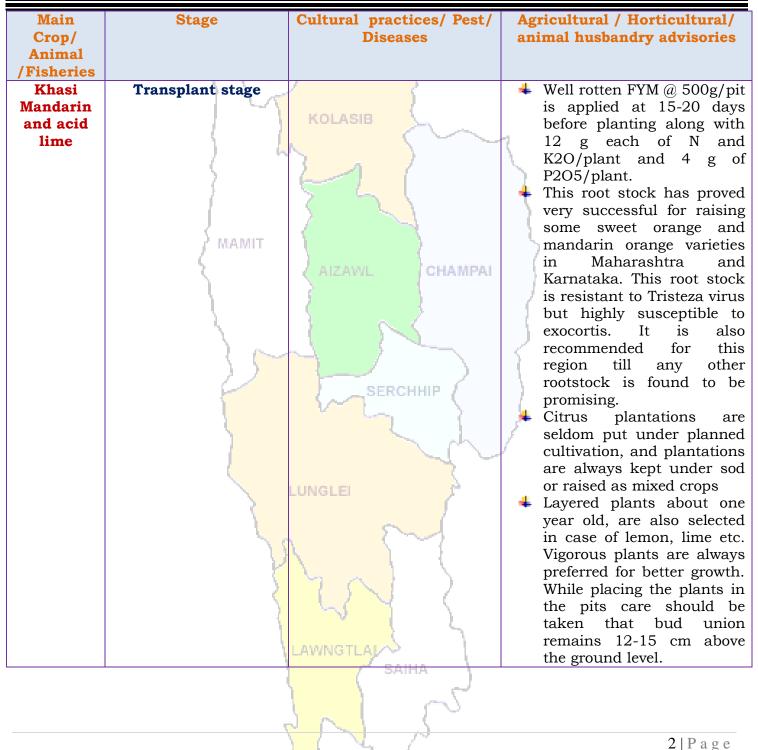
	<u></u>				
Parameters	12.08.2015	13.08.2015	14.08.2015	15.08.2015	16.08.2015
Rainfall (mm)	20	17	4	4	0
Max Temp (oC)	32	28	31	30	29
Min Temp (oC)	21	21	21	19	20
Cloud Coverage	Mainly cloudy	Mainly cloudy	Partially clear	Partially clear	Partially clear
Max RH (%)	100	100	99	99	100
Min RH (%)	62	83	53	63	73
Wind Speed (KmpH)	0	2	2	2	2
*Wind Direction	E	E	E	E	S-E
	therly- N, North				
	therly- <mark>S</mark> , South-				
STATUS OF MONSO					
Aizawl- 412.50mm	-	- 105.47mm	Saiha- 307.7		sib- 331.10mm
(341.8mm		250.30mm)	•	.2mm)	(380.9mm)
Lawngtlai-291.28mm		326.52mm	<b>Mamit-204</b> .		hhip-189.57mm
(285.5mm)	· · · · · · · · · · · · · · · · · · ·	186.21mm)		.80mm)	(25.9mm)
Weather summary	y of the past	Weather fo	orecast valid f	from 12 th Augu	ıst, 2015 To
three da	ıys		16 th Aug	ust, 2015.	
There are chances of moderate to light rainfall during to next 4 day. The maximum and minimum temperatur for the next 5 days may range for 28-32°C and 19-21°C Maximum relative humidity is expected in the range 99-100% and minimum may from 53-83%. Wi direction would be easterly to southwesterly with to wind speed of 0-2 km per hour. Dense cloudy sky vo prevail during the next five days. Weekly cumulative rainfall: 45.0 mm					
NDVI for Mizoram		North East Region	Persistent cloud 	normal NDVI.	am is less than Value shown zero. So, it re Soil".
					1   D
			(		1   P a g e



ICAR RESEARCH COMPLEX FOR NEH REGION

Mizoram Centre, Kolasib- 796081, MIZORAM (Prepared based on District wise Weather Forecast received from IMD,







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Mandarin and acid Jime       For the fourth year but substantial yield can be expected only from sixth year onwards.         Fruits are harvested when they attain full size, develop attractive colour with optimum sugar and acid blend. Fruits should be harvested preferably with clipper, shears or scattures.         MAMIT       AZAVL         BERCHHIP       SERCHHIP         Devitalization of plants dut to poor fruit set, fruit drop both at bearing and maturity stage, stem tunnelling, bark removal, gridling etc., on account of insect pests viz. citrus black fly, citrus psylla, citrus leaf miner, bark eating caterpillar, meaty bugs, citrus aphids, citrus hings, fruit fly, mites etc.         Oil plam       Vegetative/flowering/ Harvesting stage       SAIHA <th>Khasi</th> <th>Flower/Harvest stage</th> <th></th> <th> Mandarins start bearing</th>	Khasi	Flower/Harvest stage		Mandarins start bearing
lime       KOLASIB         KOLASIB       KOLASIB         KOLASIB       KOLASIB         KAMIT       KOLASIB         KAMIT       KAMIT         AZAVL       CHAMPA         KAMIT       AZAVL         AZAVL       CHAMPA         SERCHIP       Standarding         Standarding       Standarding         Bevitalization of plants due to poor fruit set, fruit drop, both at bearing and maturity stage, stem umnelling, bark removal, girdling etc., on account of the attack of the different insect pests viz. citrus black fly, citrus psylla, citrus papida, citrus phids, citrus thrips, fruit fly, mites etc.         Oil plam       Vegetative/flowering/ Harvesting stage       SAIHA				
Vegetative/flowering/ Harvesting stage       SAIHA         Oil plam       Vegetative/flowering/ Harvesting stage       SAIHA				
<ul> <li>Fruits are harvested when they attain full size, develop attractive colour with optimum sugar and acid blend. Fruits should be harvested preferably with clipper, shears or secateurs. Mandarins should not be harvested in wet weather or during rains.</li> <li>Trees are trained to single stem with 4-6 well-spaced branches for making the basic framework. The lowermost branches are not allowed to grow below the basic stranework. The lowermost branches are not allowed to grow below the basic stranework. The lowermost branches are not allowed to grow below the basic stranework. The lowermost branches are not allowed to grow below the basic stranework. The lowermost branches are not allowed to grow below the basic stranework. The lowermost branches are not allowed to grow below the basic stranework. The lowermost branches are not allowed to grow below the basic stranework. The lowermost branches are not allowed to grow below the basic stranework. The lowermost branches are not allowed to grow below the basic stranework. The lowermost branches are not allowed to grow below the basic stranework. The lowermost branches are not allowed to grow below the basic stranework. The lowermost branches are not allowed to grow below the basic stranework. The lowermost branches are not allowed to grow below the basic stranework. The lowermost branches are not allowed to grow below the basic stranework. The lowermost branches are not allowed to grow below the basic stranework. The lowermost branches are not allowed to grow below the basic stranework. The lowermost branches are not allowed to grow below the basic stranework. The lowermost branches are not allowed to grow below the basic stranework. The lowermost branches are not allowed to grow below the soil surface.</li> <li>Oil plam Vegetative/flowering/ Harvesting stage</li> </ul>	lime			
MAMIT       KOLASIB       they attain full size, develop attractive colour with optimum sugar and acid blend. Fruits should be harvested preferably with clipper, shears or secateurs. Mandarins should not be harvested in wet weather or during rains.         MAMIT       Atzawt       CHAMPAI         SERCHHIP       SERCHHIP       Trees are trained to single stem with 4-6 well-spaced branches for making the basic framework. The lowermost branches are not allowed to grow below the height of 50 cm. from the soil surface.         Devitalization of plants due to poor fruit set, fruit drop, both at bearing and maturity stage, stem tunnelling, bark removal, gridling etc., on account of the attack of the different linsect pests viz, citrus black fly, citrus psylla, citrus (leaf miner, bark cating caterpillar, mealy bugs, citrus aphids, citrus thrips, fruit fly, mites etc.       SAIHA         Oil plam       Vegetative/flowering/ Harvesting stage       SAIHA       Remove all dead plants and replace with healthy seedling.			5	
<ul> <li>MAMIT</li> <li></li></ul>			KOLASIB	
MAMIT       MAMIT       Optimum sugar and acid blend. Fruits should be harvested preferably with clipper, shears or secateurs. Mandarins should not be harvested in wet weather or during rains.         MAMIT       Alzanz       CHAMPAI         SERCHHIP       SERCHHIP       Trees are trained to single stem with 4-6 well-spaced branches are not allowed to grow below the basic framework. The lowermost branches are not allowed to grow below the height of 50 cm. from the soil surface.         Devitalization of plants due to poor fruit set, fruit drop, both at bearing and maturity stage, sitem tunnelling, bark removal, girdling etc., on account of the attack of the different tinsect pests viz. citrus black fly, citrus psylla, citrus leaf miner, bark eating caterpillar, mealy bugs, citrus aphids, citrus thrips, fruit fly, mites etc.       SAIHA         Oil plam       Vegetative/flowering/ Harvesting stage       SAIHA       Remove all dead plants and replace with healthy seedling.		1 1 1		-
Oil plam       Vegetative/flowering/Harvesting stage         Oil plam       Vegetative/flowering/Harvesting stage		) (		
MAMIT       AZAVL       CHAMPAI         BERCHHP       SERCHHP         SERCHIP       SERCHIP         Devitalization of plants due to poor fruit set, fruit drop both at bearing and maturity stage, stem tunnelling, bark removal, girdling etc., on account of the attack of the different insect pests viz. citrus black fly, citrus psylla, citrus (eaf miner, bark eating caterpillar, mealy bugs, citrus aphids, citrus thrips, fruit fly, mitse etc.         Oil plam       Vegetative/flowering/ Harvesting stage         SAIHA       SAIHA		ς	2 1	
MAMIT       AZAWL       CHAMPAI         AZAWL       CHAMPAI       wet weather or during rains.         Trees are trained to single stem with 4-6 well-spaced branches for making the basic framework. The lowermost branches are not allowed to grow below the height of 50 cm. from the soil surface.         Devitalization of plants due to poor fruit set, fruit drop both at bearing and maturity stage, stem tunnelling, bark removal, girdling etc., on account of the attack of the different insect pests viz. citrus black fly, citrus psylla, citrus caterpillar, mealy bugs, citrus aphids, citrus thrips, fruit fly, mites etc.         Oil plam       Vegetative/flowering/Harvesting stage		<u> </u>		
MAMIT       AZAVL       CHAMPAI       secateurs.       Mandarins should not be harvested in wet weather or during rains.         AZAVL       CHAMPAI       SERCHHIP       Trees are trained to single stem with 4-6 well-spaced branches for making the basic framework. The lowermost branches are not allowed to grow below the height of 50 cm. from the soil surface.         Devitalization of plants due to poor fruit set, fruit drop both at bearing and maturity stage, stem tunnelling, bark removal, girdling etc., on account of the attack of the different insect pests viz. citrus black fly, citrus psylla, citrus lack fly, citrus paplids, citrus thrips, fruit fly, mites etc.       SAIHA         Oil plam       Vegetative/flowering/Harvesting stage       SAIHA		1		
Oil plam       Vegetative/flowering/ Harvesting stage       Vegetative/flowering/ Harvesting stage       SAILAWL       CHAMPAI       wet weather or during rains.         Oil plam       Vegetative/flowering/ Harvesting stage       SAIHA       wet weather or during rains.       wet weather or during rains.				
Oil plam       Vegetative/flowering/ Harvesting stage       Sercenter Sercenter Sercenter Sercenter Sercenter Sercenter Sercenter Sercenter Sercenter Sercenter Sercenter Sercenter Sercenter Sercenter Sercenter Sercenter Sercenter Sercenter Sercenter Sercenter Sercenter Sercenter Sercenter Sercenter Sercenter Sercenter Sercenter Sercenter Sercenter Sercenter Sercenter Sercenter Sercenter Sercenter Sercenter Sercenter Sercenter Sercenter Sercenter Sercenter Sercenter Sercenter Sercenter Sercenter Sercenter Sercenter Sercenter Sercenter Sercenter Sercenter Sercenter Sercenter Sercenter Sercenter Sercenter Sercenter Sercenter Sercenter Sercenter Sercenter Sercenter Sercenter Sercenter Sercenter Sercenter Sercenter Sercenter Sercenter Sercenter Sercenter Sercenter Sercenter Sercenter Sercenter Sercenter Sercenter Sercenter Sercenter Sercenter Sercenter Sercenter Sercenter Sercenter Sercenter Sercenter Sercenter Sercenter Sercenter Sercenter Sercenter Sercenter Sercenter Sercenter Sercenter Sercenter Sercenter Sercenter Sercenter Sercenter Sercenter Sercenter Sercenter Sercenter Sercenter Sercenter Sercenter Sercenter Sercenter Sercenter Sercenter Sercenter Sercenter Sercenter Sercenter Sercenter Sercenter Sercenter Sercenter Sercenter Sercenter Sercenter Sercenter Sercenter Sercenter Sercenter Sercenter Sercenter Sercenter Sercenter Sercenter Sercenter Sercenter Sercenter Sercenter Sercenter Sercenter Sercenter Sercenter Sercenter Sercenter Sercenter Sercenter Sercenter Sercenter Sercenter Sercenter Sercenter Sercenter Sercenter Sercenter Sercenter Sercenter Sercenter Sercenter Sercenter Sercenter Sercenter Sercenter Sercenter Sercenter Sercenter Sercenter Sercenter Sercenter Sercenter Sercenter Sercenter Sercenter Sercenter Sercenter Sercenter Sercenter Sercenter Sercenter Sercenter Sercenter Sercenter Sercenter Sercenter Sercenter Sercenter Sercenter Sercenter Sercenter Sercenter Sercenter Sercenter Sercenter Sercenter Sercenter Sercenter Sercenter Sercenter Sercent		/ MAMIT		should not be harvested in
Oil plam       Vegetative/flowering/ Harvesting stage       Sercer       Sercer       Sercer         Oil plam       Vegetative/flowering/ Harvesting stage       Sercer       Sercer       Sercer         Oil plam       Vegetative/flowering/ Harvesting stage       Sercer       Sercer       Sercer		5	AIZ MAIL CHAMBAL	wet weather or during
Oil plam       Vegetative/flowering/ Harvesting stage       SalkA       SalkA       Semone and replace with healthy seedling.         Oil plam       Vegetative/flowering/ Harvesting stage       SalkA       Cleaning near base of the		1 N	CALENTE CHAMPAI	
Oil plam       Vegetative/flowering/ Harvesting stage       SalkA       SalkA       Fremove all dead plants and replace with healthy seedling.		1	1	
Oil plam       Vegetative/flowering/ Harvesting stage       Serier       Saile       4       Remove all dead plants and replace with healthy seedling.		2		_
Oil plam       Vegetative/flowering/ Harvesting stage       Serchhip       Iowermost branches are not allowed to grow below the height of 50 cm. from the soil surface.         Oil plam       Vegetative/flowering/ Harvesting stage       Devitalization of plants due to poor fruit set, fruit drop both at bearing and maturity stage, stem tunnelling, bark removal, girdling etc., on account of the attack of the different insect pests viz. citrus black fly, citrus psylla, citrus leaf miner, bark eating caterpillar, mealy bugs, citrus aphids, citrus thrips, fruit fly, mites etc.       Iowermost branches are not allowed to grow below the height of 50 cm. from the soil surface.         Oil plam       Vegetative/flowering/ Harvesting stage       SAIHA       Remove all dead plants and replace with healthy seedling.				
Oil plam       Vegetative/flowering/ Harvesting stage       SERCHHIP       allowed to grow below the height of 50 cm. from the soil surface.         Oil plam       Devitalization of plants due to poor fruit set, fruit drop both at bearing and maturity stage, stem tunnelling, bark removal, girdling etc., on account of the attack of the different insect pests viz. citrus black fly, citrus psylla, citrus leaf miner, bark eating caterpillar, mealy bugs, citrus aphids, citrus thrips, fruit fly, mites etc.       Image: Comparison of plants due to poor fruit set, fruit fly, mites etc.         Oil plam       Vegetative/flowering/ Harvesting stage       SAIHA       Remove all dead plants and replace with healthy seedling.				
Oil plam       Vegetative/flowering/ Harvesting stage       Devitalization of plants due to poor fruit set, fruit drop both at bearing and maturity stage, stem tunnelling, bark removal, girdling etc., on account of the attack of the different insect pests viz. citrus black fly, citrus psylla, citrus leaf miner, bark eating caterpillar, mealy bugs, citrus aphids, citrus thrips, fruit fly, mites etc.       Image: Saile A Point Saile				
Oil plam       Vegetative/flowering/ Harvesting stage       Devitalization of plants due to poor fruit set, fruit drop both at bearing and maturity stage, stem tunnelling, bark removal, girdling etc., on account of the attack of the different insect pests viz. citrus black fly, citrus psylla, citrus leaf miner, bark eating caterpillar, mealy bugs, citrus aphids, citrus thrips, fruit fly, mites etc.       Image: Soil surface.         Oil plam       Vegetative/flowering/ Harvesting stage       SaiHA       Image: Soil surface.			SERCHHIP (	
Oil plamVegetative/flowering/ Harvesting stageto poor fruit set, fruit drop both at bearing and maturity stage, stem tunnelling, bark removal, girdling etc., on account of the attack of the different insect pests viz. citrus black fly, citrus psylla, citrus leaf miner, bark eating caterpillar, mealy bugs, citrus aphids, citrus thrips, fruit fly, mites etc.viz. monocrotophos, phosalone, dimethoate, phosphamidon, quinalphos @ 2 ml/lt of water.Oil plamVegetative/flowering/ Harvesting stageSAIHA4Remove all dead plants and replace with healthy seedling. 4Cleaning near base of the				-
Oil plam       Vegetative/flowering/ Harvesting stage       SAIHA       phosalone, dimethoate, phosphamidon, quinalphos @ 2 ml/lt of water.         Oil plam       Vegetative/flowering/ Harvesting stage       SAIHA       Phosalone, dimethoate, phosphamidon, quinalphos @ 2 ml/lt of water.			Devitalization of plants due	Spraying with insecticides
Oil plam       Vegetative/flowering/ Harvesting stage       maturity       stage,       stem         SAIHA       seedling.         Cleaning       near base of the		(	to poor fruit set, fruit drop	- · ·
Oil plam       Vegetative/flowering/ Harvesting stage       Vegetative/flowering/ Harvesting stage       SAIHA       4       Remove all dead plants and replace with healthy seedling.			0	- · · · · ·
Oil plam       Vegetative/flowering/ Harvesting stage       SAIHA <ul> <li>Market and replace with healthy seedling.</li> <li>Cleaning near base of the</li> </ul>				
Oil plam       Vegetative/flowering/ Harvesting stage       SAIHA <ul> <li>A Remove all dead plants and replace with healthy seedling.</li> <li>Cleaning near base of the</li> </ul>		5		
Oil plam       Vegetative/flowering/ Harvesting stage       SAIHA <ul> <li>A Remove all dead plants and replace with healthy seedling.</li> <li>Cleaning near base of the</li> </ul>				water.
Oil plam       Vegetative/flowering/ Harvesting stage       SAIHA       Image: Construction of the construct		1		
Oil plam       Vegetative/flowering/ Harvesting stage       SAIHA       Image: Construction of the state of the stat		I V		
Oil plam       Vegetative/flowering/ Harvesting stage       sating caterpillar, mealy bugs, citrus aphids, citrus thrips, fruit fly, mites etc.         SAIHA       Remove all dead plants and replace with healthy seedling.         Cleaning near base of the		5		
Oil plam       Vegetative/flowering/ Harvesting stage       SAIHA       Image: Constraint of the state				
Oil plam       Vegetative/flowering/ Harvesting stage       SAIHA       Celeaning         Saiha       Saiha       Saiha       Saiha         Cleaning near base of the       Saiha       Saiha				
Oil plam       Vegetative/flowering/ Harvesting stage       SAIHA       Cleaning near base of the				
Harvesting stage     replace     with     nearthy       seedling.     4     Cleaning near base of the	Oil plam		CANNOTEAN	L
Cleaning near base of the		Harvesting stage	( SAINA )	
			7~ (	
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				3   P 2 G A

Phone: +91 3837 220041, Fax: +91 3837 220560, E-mail: kolasib.amfu@gov.in

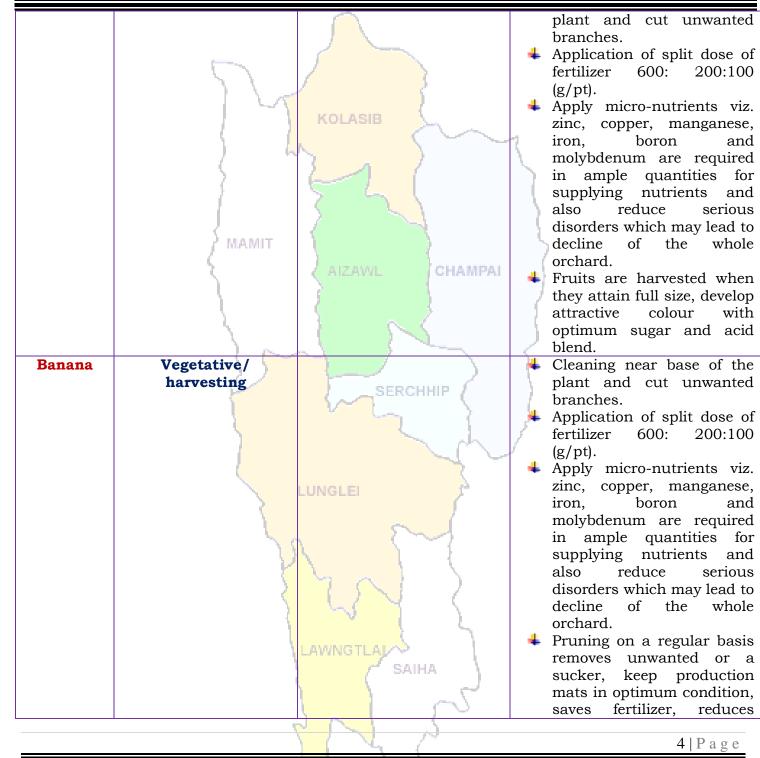


ICAR RESEARCH COMPLEX FOR NEH REGION

Mizoram Centre, Kolasib- 796081, MIZORAM (Prepared based on District wise Weather Forecast received from IMD,

i on District wise weather Porecast i Guwahati)





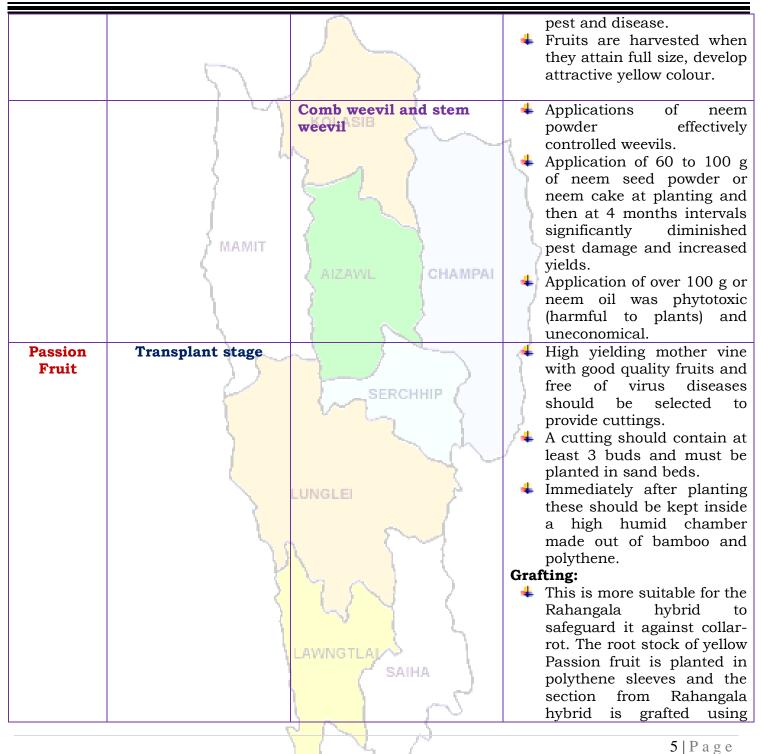


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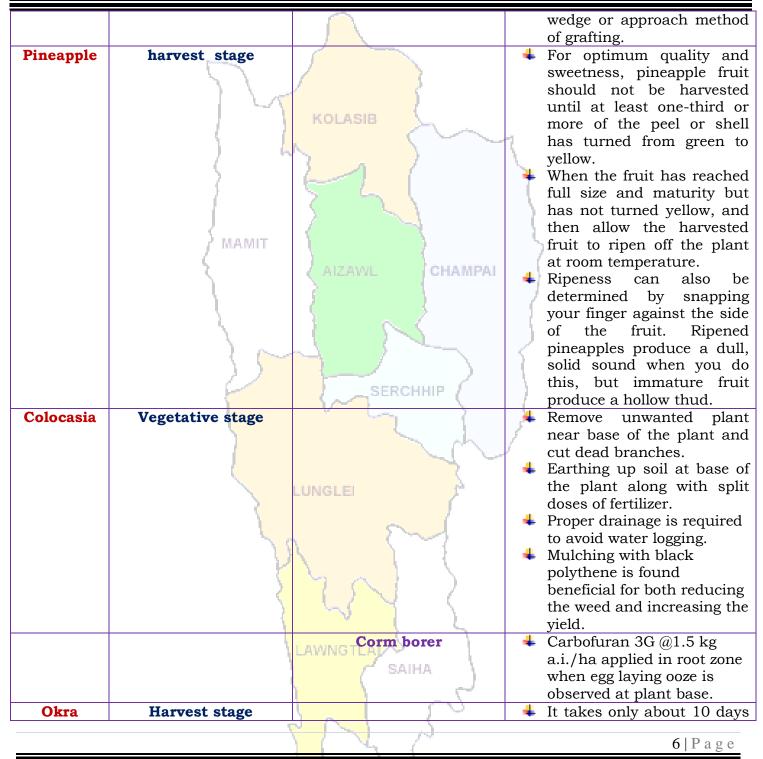






**ICAR RESEARCH COMPLEX FOR NEH REGION** 







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Mizoram Centre, Kolasib- 796081, MIZORAM

(Prepared based on District wise Weather Forecast received from IMD, Guwahati)



			from the time of flowering
			to the time to pick okra.
		4	Picking okra should be
		-	done when they are four to
			five inches long.
		4	Don't leave the fruit too
	KOLASIB	-	long, they get hard and
		-12	woody.
French	harvest stage	1.	In pole type varieties,
bean			mature pods should be
			harvested twice.
		•	First harvest should be
			done when two third pods
	/ MAMIT		look dry and second
	AIZAWL CHAMPA		harvest when 90% pod
			remaining pods look dry.
		1	In case bush type varieties,
			harvest can be done one because of their
			determinate growth and
			synchronization in pod
			maturity.
Brinjal	Flower stage	4	Remove unwanted plant
		1	near base of the plant and
		1	cut dead branches.
		-/ 🔺	Pre emergence application
			of Basalin @0.5 ml/lit of
	LUNGLEI		water for reduce grass type
	2		weed.
		-	Mulching with black
			polythene film reduces
			weed growth, increases the
			crop growth.
		-	Split dose of fertilizer application @ 50kg/ha
			urea.
Tomato	Flower stage	4	Remove unwanted plant
	SAIHA		near base of the plant and
	( SAIRA )		cut dead branches.
	7~ (	-	Pre emergence application
			of Basalin @0.5 ml/lit of
			7   D o ~ o
			7   P a g e

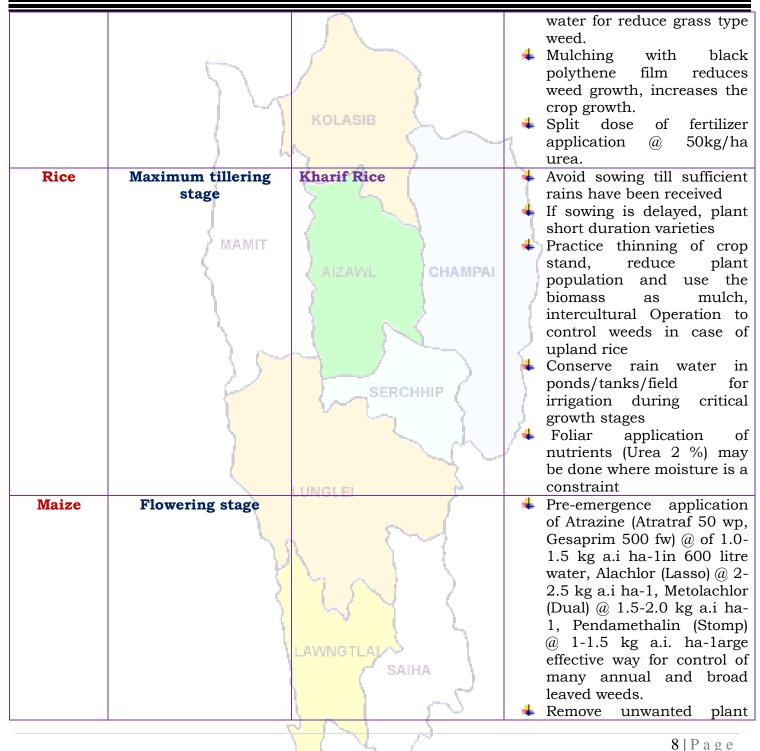


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Mizoram Centre, Kolasib- 796081, MIZORAM (Prepared based on District wise Weather Forecast received from IMD,

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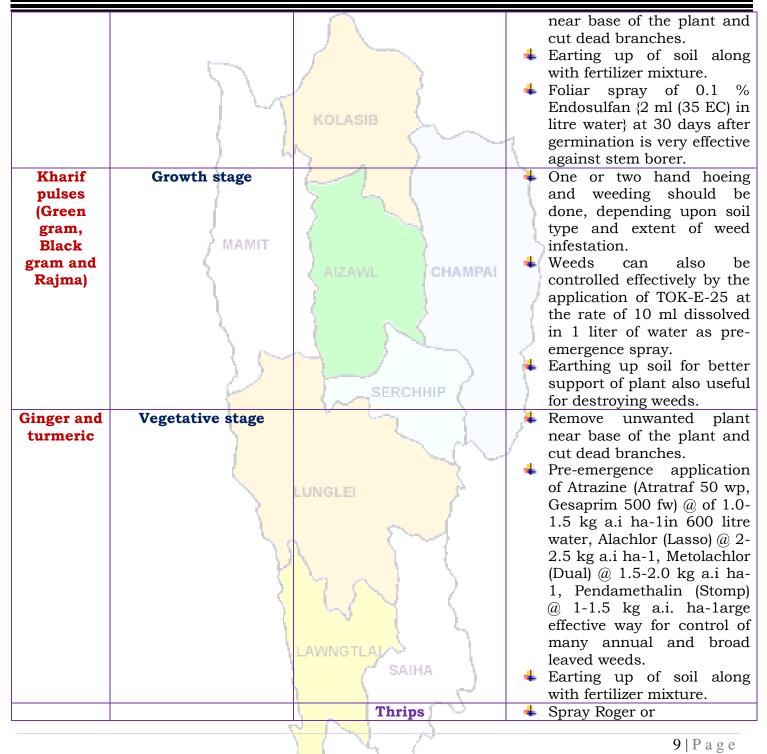


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**ICAR RESEARCH COMPLEX FOR NEH REGION** 



ICAR			
		Scales	Monocrotophos (2.5 ml/lt) for controlling thrips. Spray Quinalphos or
	5.		Monocrotophos (2.5 ml/lt) for controlling scales.
Pig	All stages	Porcine Reproductive Respiratory Syndrome (PRRS).	<ol> <li>Culling of positive pigs o piglets.</li> </ol>
	Adult stage	Swine fever.	2. Vaccination of pigs with Si vaccines at 2 months and yearly interval/6 month interval
Cattle	All age group	Foot and Mouth Disease (FMD)	• FMD vaccine at 16 week and repeat every 6 month.
	Young stage	Black Quarter (BQ) _{IPAI}	<ul> <li>Black Quarter Vaccin (BQV).</li> <li>Primary vaccination month or above</li> <li>Revaccination annually</li> </ul>
Poultry	Adult stage	Ranikhet Disease.	• F1 vaccine at (1-6) days of birth and R ₂ B vaccine for adult birds.
	Early sta <mark>ge</mark>	Coccidiosis	1. Amprolium or coccidiostat
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			10   P a g e



**ICAR RESEARCH COMPLEX FOR NEH REGION** 

Mizoram Centre, Kolasib- 796081, MIZORAM (Prepared based on District wise Weather Forecast received from IMD,

Guwahati)



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	1		
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	II.	language Translator)	5
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Mizoram Centre, Kolasib- 796081, MIZORAM (Prepared based on District wise Weather Forecast received from IMD,

Guwahati)



#### **District: Aizawl**

Bulletin No: -543/2015/ Bulletin/English

### Period: 12- 16 August, 2015

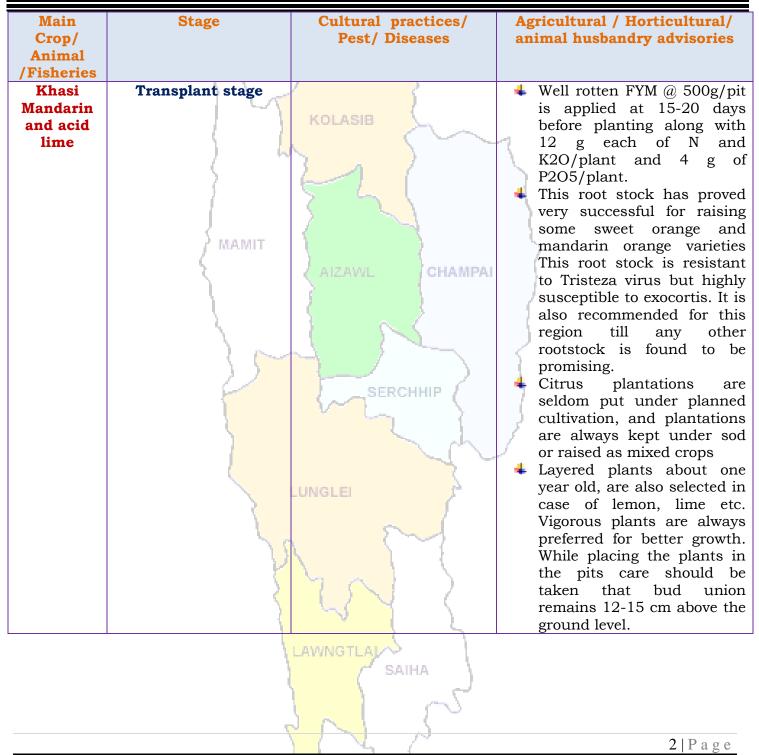
#### Date of issue: 11th August, 2015

	<u> </u>	- (	1		
Parameters	12.08.2015	13.08.2015	14.08.2015	15.08.2015	16.08.2015
Rainfall (mm)	17	11	4	0	3
Max Temp (oC)	31	30	29	29	29
Min Temp (oC)	22	21	21	20	20
Cloud Coverage	Mainly cloudy	Mainly cloudy	Partially clear	Mainly cloudy	Partially clear
Max RH (%)	98	99	98	99	100
Min RH (%)	77	79	86	71	83
Wind Speed (KmpH)	3	3	2	2	2
*Wind Direction	Е	Е	E	S-E	S-E
N	ortherly- N, Nort	h-Easterly- <mark>N-E</mark> , E	asterly- E, South-	Easterly- <mark>S-E</mark> ,	
		n-Westerly- <mark>S-W</mark> , W			
STATUS OF MONSO	OON- July 1-31,	2015 (Percent o	of deviation from	n normal in pare	enthesis)
Aizawl- 412.50m	m Champha	ai- 105.47mm	Saiha- 307.78	mm Kolasib	- 331.10mm
(341.8m)	<b>m)</b>	(250.30mm)	(87.2	2mm)	(380.9mm)
Lawngtlai-291.28m	m Lunglei	-326.52mm	Mamit-204.84	4mm Serchhi	<b>p-189.57mm</b>
(285.5mr	n)	(186.21mm)	(442.8	Omm)	(25.9mm)
Weather summa	ry of the past	Weather f	orecast valid f	rom 12 th August	t, 2015 To
three o	davs		16 th Aug	ust, 2015.	
		There is a ch	0	te to light rainfa	all during the
		next 4 days.	The maximum	and minimum	temperatures
				ge for 29-31°C a	-
			<i>v v</i>	is expected in	
				may from 71	
				sterly with the w	
				U	-
		2-3 km per hour. Mainly cloudy sky will prevail during the next five days.			
		the next live	days.		
				e rainfall: 35.0	
NDVI for Mizoram		North East Region	^{8 July 2015} N	DVI for Mizoram	is less than
		200		ormal NDVI. V	alue shown
				at NDVI is z	zero. So, it
		RASSA	0.2-0.3 0.3-0.4	presents "Bare S	· ·
		C C C C C C C C C C C C C C C C C C C	0.4-0.5	•	
		A)	Agriculture vigour is good in valleys of North-East states which		
		Agriculture vigour is good in valleys of cover parts of Assam . NDVI values v NDVI conditions are observed all over	vary from 0.4-0.6. Normal		
			19		1   Page
					- 1



ICAR RESEARCH COMPLEX FOR NEH REGION







ICAR RESEARCH COMPLEX FOR NEH REGION

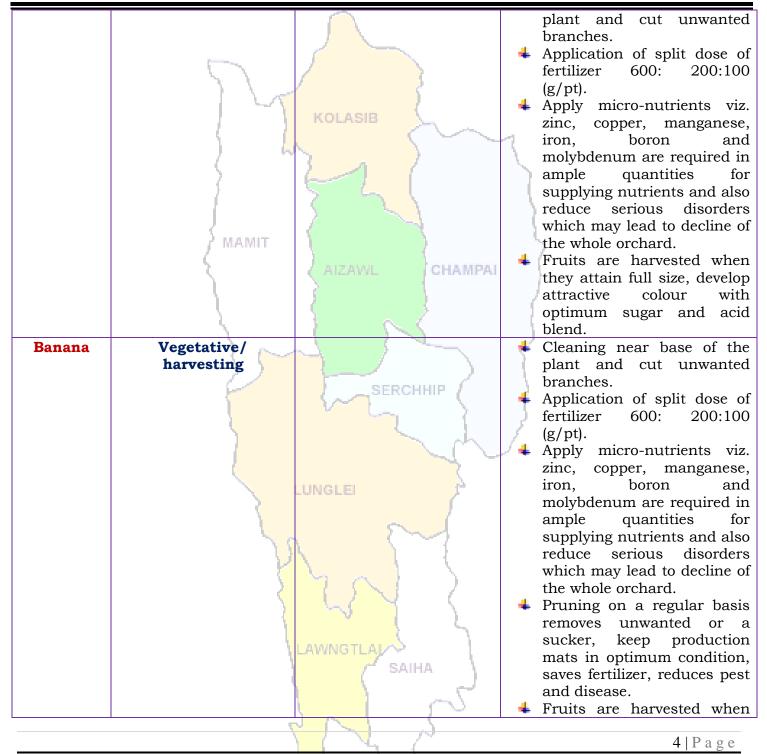


Khasi Mandarin and acid lime	Flower/Harvest stage	KOLASIB AIZAWL CHAMPAI SERCHHIP Devitalization of plants due to poor fruit set, fruit drop both at bearing and maturity stage, stem tunnelling, bark removal, girdling etc., on account of the attack of the different insect pests viz. citrus black fly, citrus	<ul> <li>Mandarins start bearing from the fourth year but substantial yield can be expected only from sixth year onwards.</li> <li>Fruits are harvested when they attain full size, develop attractive colour with optimum sugar and acid blend. Fruits should be harvested preferably with clipper, shears or secateurs. Mandarins should not be harvested in wet weather or during rains.</li> <li>Trees are trained to single stem with 4-6 well-spaced branches for making the basic framework. The lowermost branches are not allowed to grow below the height of 50 cm. from the soil surface.</li> <li>Spraying with insecticides viz. monocrotophos, phosalone, dimethoate, phosphamidon, quinalphos @ 2 ml/lt of water.</li> </ul>
		psylla, citrus leaf miner, bark eating caterpillar, mealy bugs, citrus aphids, citrus thrips, fruit fly, mites etc.	
Oil plam	Vegetative/flowering/ Harvesting stage	Saiha	<ul> <li>Remove all dead plants and replace with healthy seedling.</li> <li>Cleaning near base of the</li> </ul>
		NE	3   P a g e



**ICAR RESEARCH COMPLEX FOR NEH REGION** 

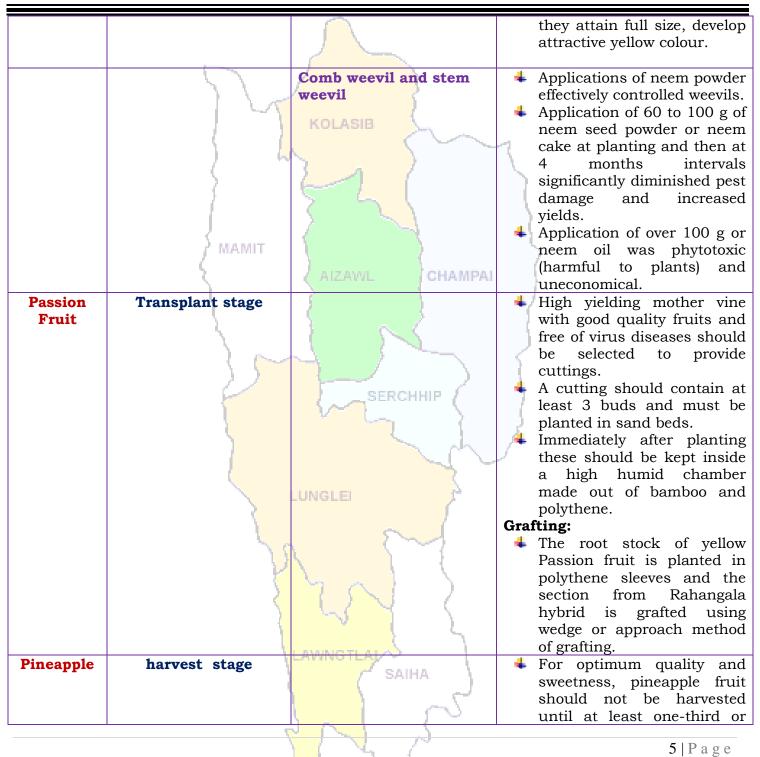






ICAR RESEARCH COMPLEX FOR NEH REGION

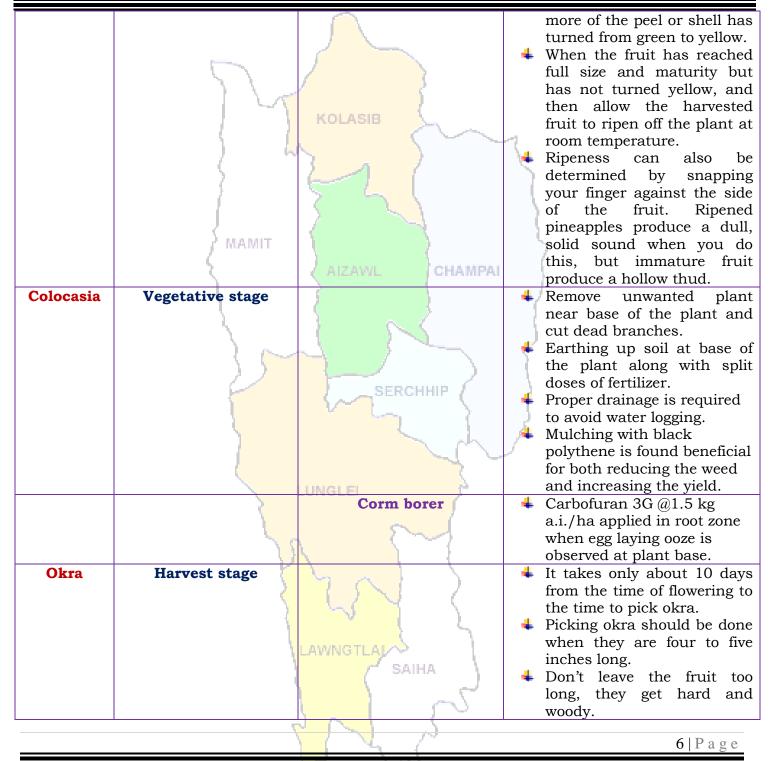






ICAR RESEARCH COMPLEX FOR NEH REGION







**ICAR RESEARCH COMPLEX FOR NEH REGION** 

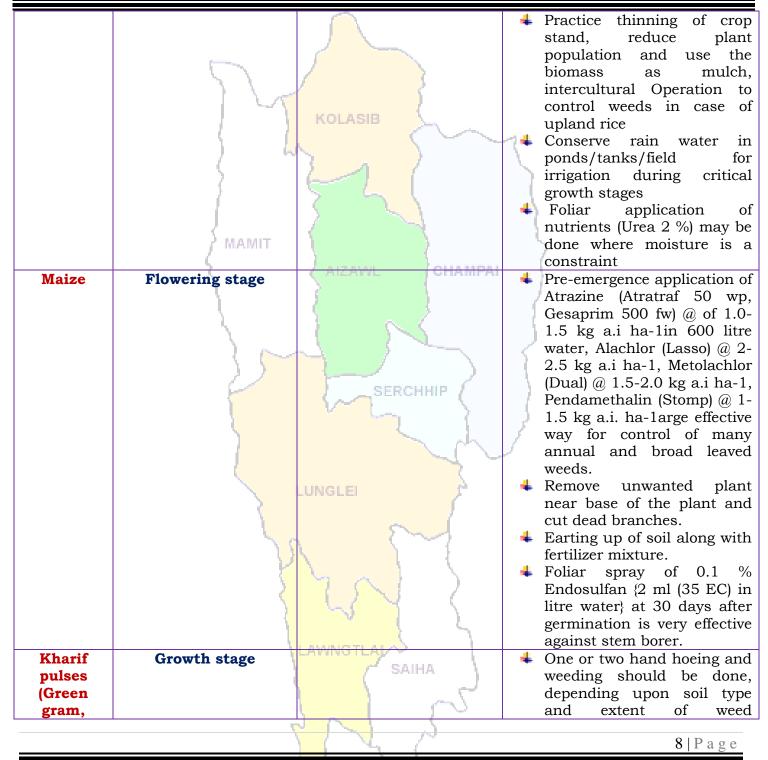


French	harvest stage		•	In pole type varieties,
bean				mature pods should be harvested twice.
			•	First harvest should be done
		2		when two third pods look
				dry and second harvest
	( )			when 90% pod remaining
			1	pods look dry.
	(			In case bush type varieties,
	4		(	harvest can be done one because of their determinate
	l l		1	growth and synchronization
	Į			in pod maturity.
Brinjal	Flower stage		+	Remove unwanted plant
		AIZAWL CHAMPAI		near base of the plant and
	1			cut dead branches.
	1		•	Pre emergence application of Basalin @0.5 ml/lit of water
				for reduce grass type weed.
			- 4	Mulching with black
				polythene film reduces weed
	Sec.	SERCHHIP (		growth, increases the crop
			4	growth. Split dose of fertilizer
			Ţ	application @ 50kg/ha urea.
Tomato	Flower stage		/ 🖊	Remove unwanted plant
		2		near base of the plant and
		LUNGLEI		cut dead branches.
			+	Pre emergence application of Basalin @0.5 ml/lit of water
				for reduce grass type weed.
			4	Mulching with black
	1			polythene film reduces weed
	<			growth, increases the crop
				growth.
			-	Split dose of fertilizer application @ 50kg/ha urea.
Rice	Maximum tillering	Kharif Rice SAIHA	4	Avoid sowing till sufficient
	stage	( Saiha )		rains have been received
	-	7~ (	4	If sowing is delayed, plant
				short duration varieties
				7   P a g e



**ICAR RESEARCH COMPLEX FOR NEH REGION** 

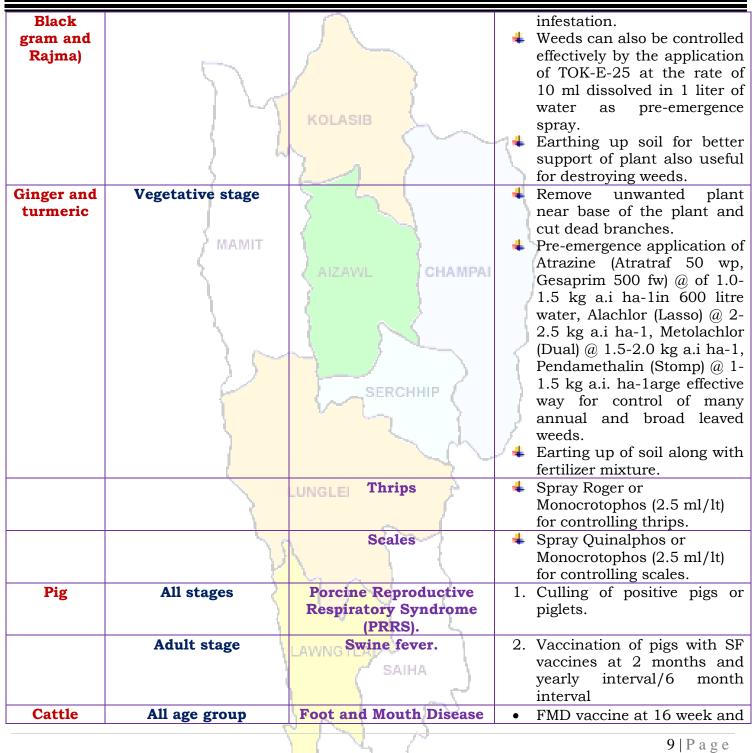






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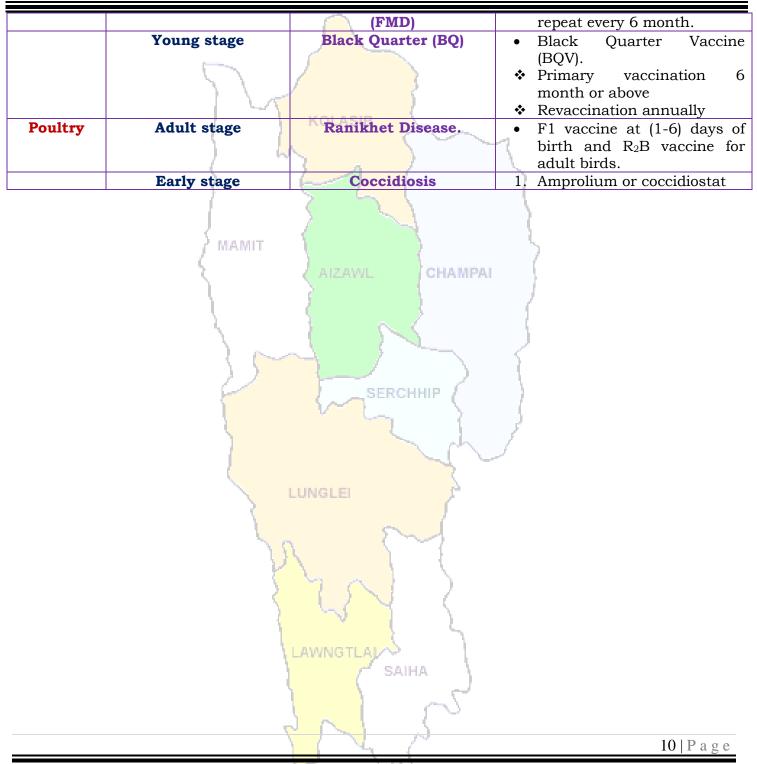






ICAR RESEARCH COMPLEX FOR NEH REGION







**ICAR RESEARCH COMPLEX FOR NEH REGION** 

Mizoram Centre, Kolasib- 796081, MIZORAM (Prepared based on District wise Weather Forecast received from IMD, Guwahati)



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**ICAR RESEARCH COMPLEX FOR NEH REGION** 

Mizoram Centre, Kolasib- 796081, MIZORAM (Prepared based on District wise Weather Forecast received from IMD,

Guwahati)



#### **District:** Champhai

### Period: 12- 16 August, 2015

Bulletin No: -543	/2015/	<b>Bulletin</b>	<b>English</b>
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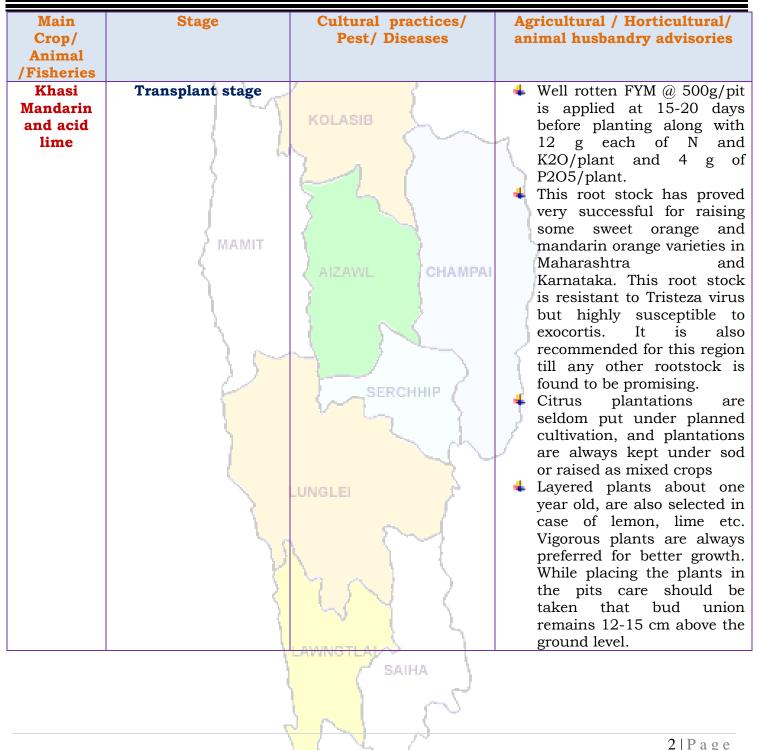
#### Date of issue: 11th August, 2015

Parameters	12.08.2015	13.08.2015	14.08.2015	15.08.2015	16.08.2015	
Rainfall (mm)	17	16	14	5	4	
Max Temp (oC)	30	29	29	29	29	
Min Temp (oC)	21	21	21	20	21	
Cloud Coverage	Mainly cloudy	Mainly cloudy	Partially clear	Mainly cloudy	Partially clear	
Max RH (%)	99	98	97	97	98	
Min RH (%)	66	75	66	68	70	
Wind Speed (KmpH)	0	2	2	2	2	
*Wind Direction	S-E	S-E	S-E	S-E	S	
		h-Easterly- <mark>N-E</mark> , Eas				
		-Westerly- <mark>S-W</mark> , We				
STATUS OF MONSO						
Aizawl- 412.50m	· · · · · · · · · · · · · · · · · · ·	ui- 105.47mm	Saiha- 307.78		- 331.10mm	
(341.8m)		(250.30mm)	(87.2)		(380.9mm)	
Lawngtlai-291.28m		-326.52mm	Mamit-204.84		p-189.57mm	
(285.5m)	•	(186.21mm)	(442.80	· · · · · · · · · · · · · · · · · · ·	(25.9mm)	
Weather summa		Weather for		om 12 th August	t, 2015 To	
three of	lays	<b>16th August, 2015.</b>				
				rate to light ra		
		the next 5	day. The	maximum and	d minimum	
		temperatures	temperatures for the next 5 days may range for 29-30°C			
		and 20-21°C.	and 20-21°C. Maximum relative humidity is expected in			
		the range of 9	97-99% and m	inimum may fi	rom 66-75%.	
				sterly to south		
			the wind speed of 0-2 km per hour. Dense cloudy sky			
		-	ring the next fi		e electrony sily	
		win prevan du	ing the next h	ve days.		
		Week	lu cumulative	rainfall: 56.0	mm	
NDVI for Mizoram		North East Region		VI for Mizoram		
MDVI IOI MIZOIAIII		553				
				rmal NDVI. V		
		Contraction of the second	03.03	at NDVI is z	· ·	
			0.4=0.3	presents "Bare S	Soil".	
		A A	0.5 - 0.6 >0.6			
		k⊄ Agriculture vigour is good in valleys of Nor cover parts of Assam . NDVI values vary fr	th-East states which			
		cover parts of Assam . NDVI values vary fr NDVI conditions are observed all over NE re	om 0.4-0.6. Normal 2gion.			
			2			
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ICAR RESEARCH COMPLEX FOR NEH REGION







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Mizoram Centre, Kolasib- 796081, MIZORAM (Prepared based on District wise Weather Forecast received from LMD, Guwahati)



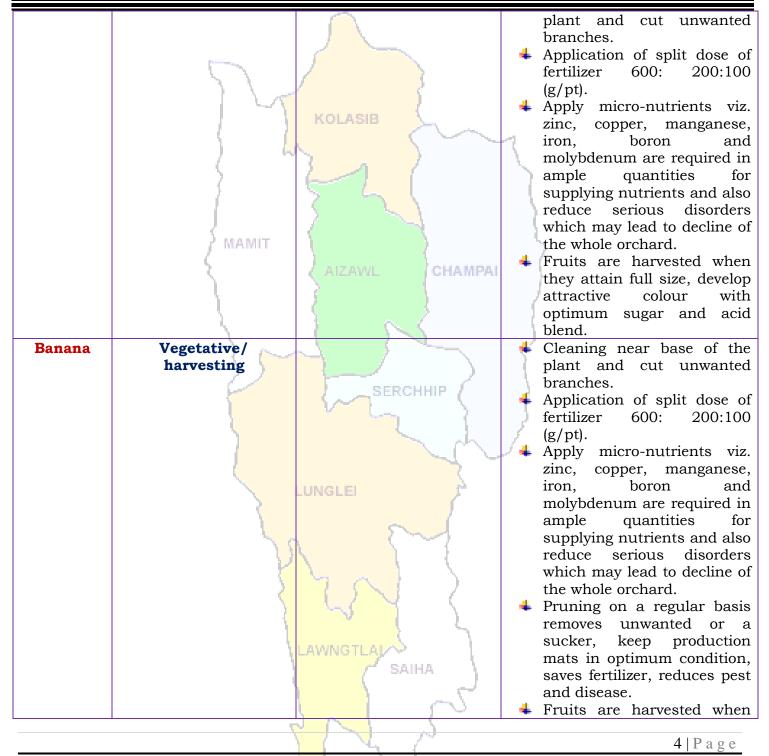
Oil plam         Vegetative/flowering/ Harvesting stage         And the state         And the state           SAIHA         A Remove all dead plants and replace with healthy seedling.	Khasi Mandarin and acid lime	Flower/Harvest stage	KOLASIB AIZAWL CHAMPAI AIZAWL CHAMPAI SERCHHIP Devitalization of plants due to poor fruit set, fruit drop both at bearing and maturity stage, stem tunnelling, bark removal, girdling etc., on account of the attack of the different insect pests viz. citrus black fly, citrus psylla, citrus leaf miner, bark eating caterpillar, mealy bugs, citrus aphids, citrus thrips, fruit fly, mites etc.	<ul> <li>Mandarins start bearing from the fourth year but substantial yield can be expected only from sixth year onwards.</li> <li>Fruits are harvested when they attain full size, develop attractive colour with optimum sugar and acid blend. Fruits should be harvested preferably with clipper, shears or secateurs. Mandarins should not be harvested in wet weather or during rains.</li> <li>Trees are trained to single stem with 4-6 well-spaced branches for making the basic framework. The lowermost branches are not allowed to grow below the height of 50 cm. from the soil surface.</li> <li>Spraying with insecticides viz. monocrotophos, phosalone, dimethoate, phosphamidon, quinalphos @ 2 ml/lt of water.</li> </ul>
	Oil plam		saiha	replace with healthy

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**ICAR RESEARCH COMPLEX FOR NEH REGION** 

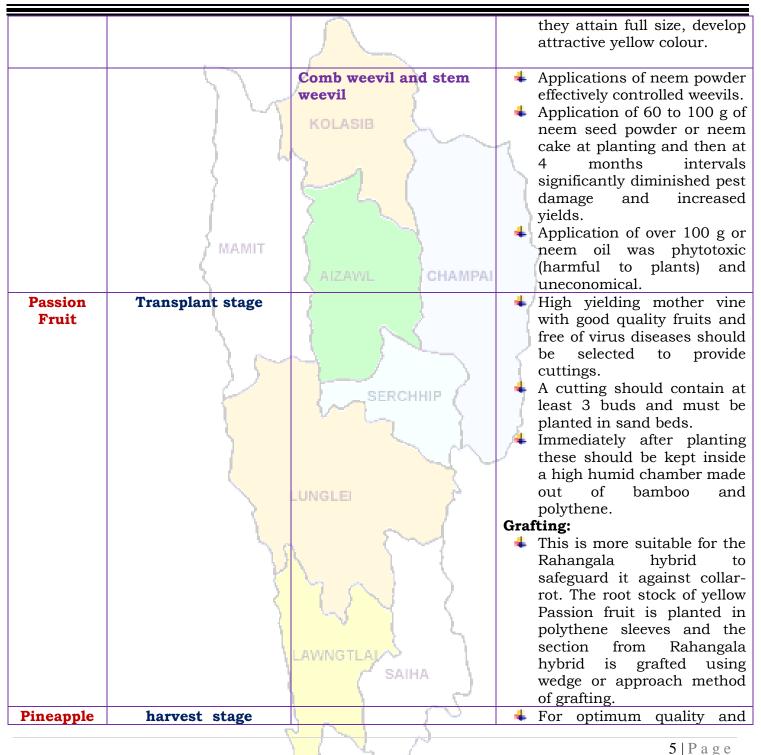






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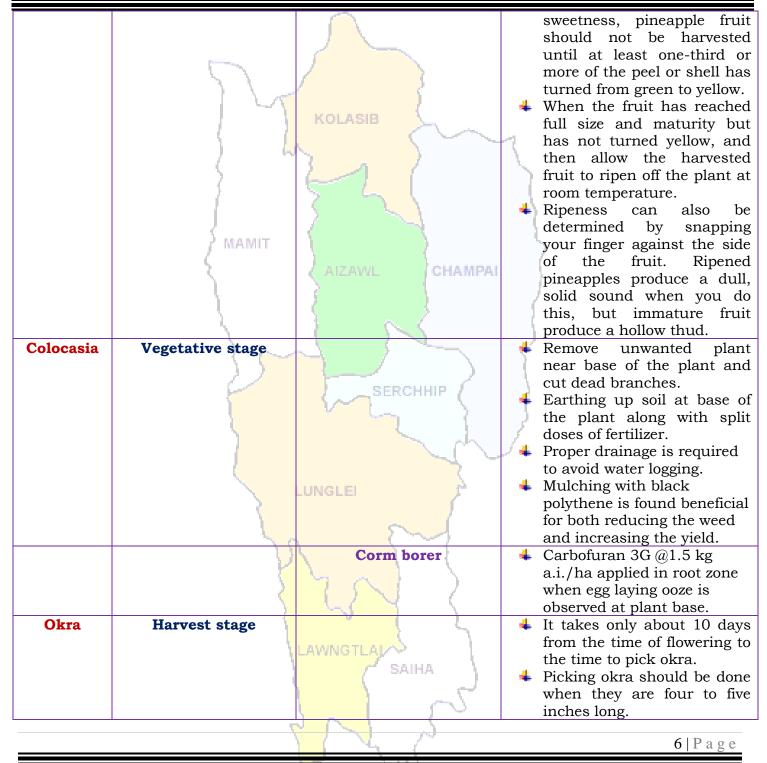






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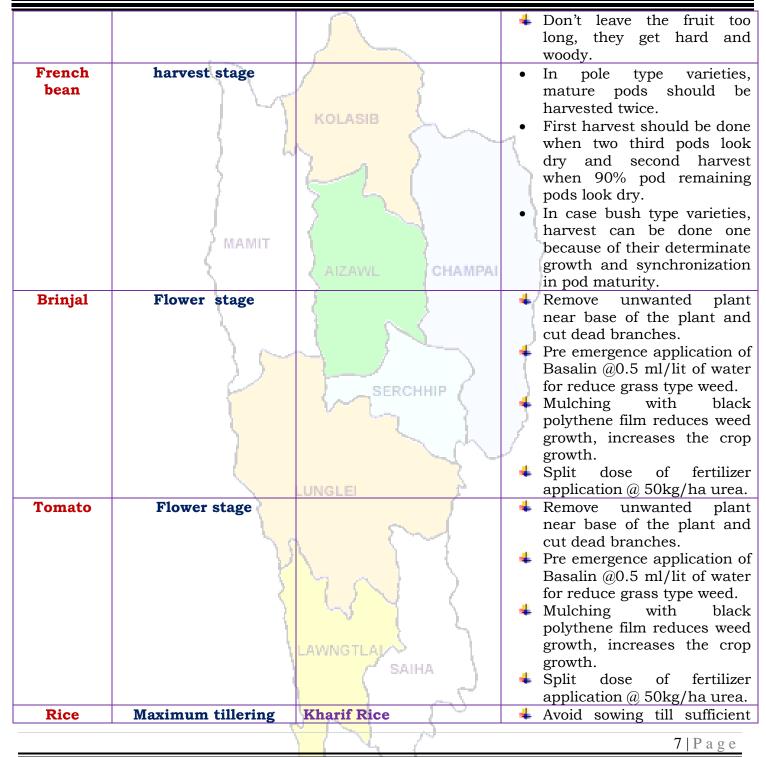






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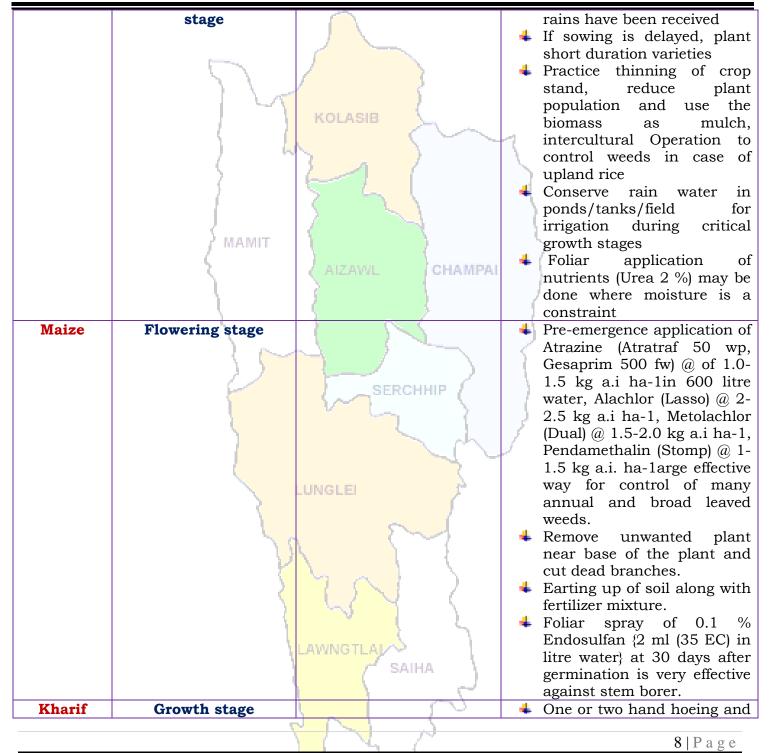






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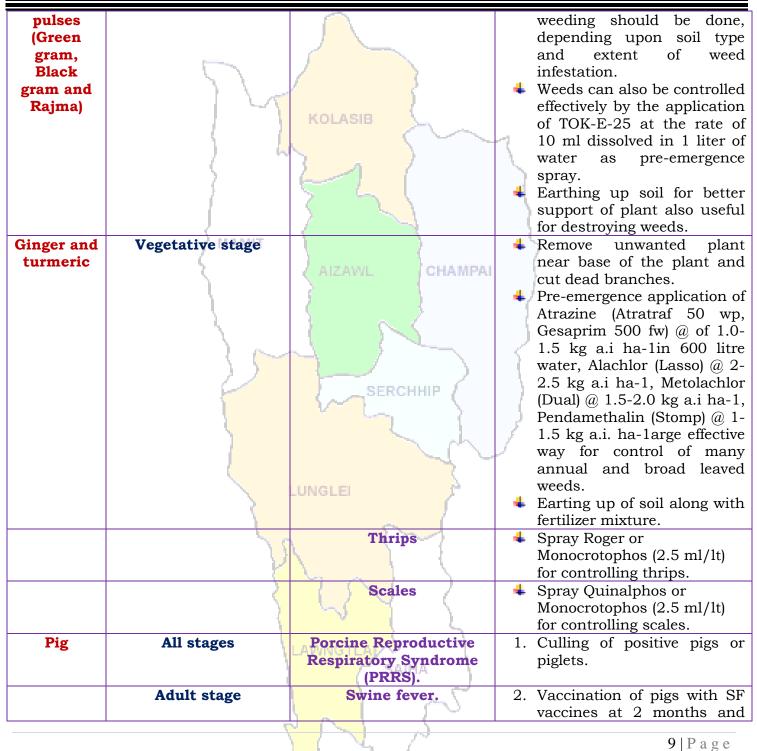






**ICAR RESEARCH COMPLEX FOR NEH REGION** 







ICAR RESEARCH COMPLEX FOR NEH REGION



		~	1 1/6 11
			yearly interval/6 month interval
Cattle	All age group	Foot and Mouth Disease	FMD vaccine at 16 week and
outtie	IIII ugo group	(FMD)	repeat every 6 month.
	Young stage	Black Quarter (BQ)	Black Quarter Vaccine
			(BQV).
	1 1	KOLASIB	✤ Primary vaccination 6
			month or above
		Bal	Revaccination annually
Poultry	Adult stage		• F1 vaccine at (1-6) days of
		2 5 1	birth and R ₂ B vaccine for
			adult birds.
	Early stage	Coccidiosis	1. Amprolium or coccidiostat
	1		
	5	AIZAWL CHAMPAI	}
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	6	SERCHHIP	
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		SAIHA	
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**ICAR RESEARCH COMPLEX FOR NEH REGION** 

Mizoram Centre, Kolasib- 796081, MIZORAM (Prepared based on District wise Weather Forecast received from IMD, Guwahati)



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R RESEARCH COMPLEX FOR NEH REGION ICA

Mizoram Centre, Kolasib- 796081, MIZORAM (Prepared based on District wise Weather Forecast received from IMD,

Guwahati)



#### **District:** Kolasib

Bulletin No: -543/2015/ Bulletin/English

#### Period: 12- 16 August, 2015

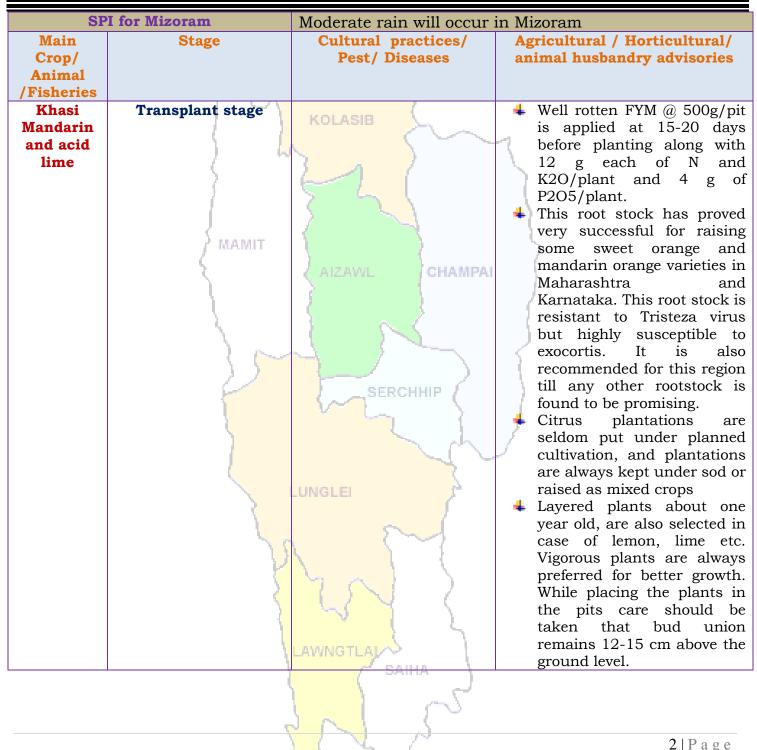
### Date of issue: 11th August, 2015

Parameters12.08.201513.08.201514.08.201515.08.201516.08.2015Rainfall (mm)116558Max Temp (cC)3232313030Min Temp (cC)2322232222Cloud CoverageMainly cloudyMainly cloudyMainly cloudyMainly cloudyPartially clearMax RH (%)999999979797Min RH (%)63627117568Wind Speed (KmpH)22224Wind DirectionES-EESouth-Easterly- S-W, Westerly-W, North-westerly-N-W.STATUS OF MONSOON- July 1-31, 2015 (Percent of deviation from normal in parenthesis) Aizawl-412.50mmSouth-westerly-W.W.STATUS OF MONSOON- July 1-31, 2015 (Percent of deviation from normal in parenthesis) Aizawl-412.50mm(280.9mm)(280.9mm)Lawngtlai-291.28mmLunglei-326.52mmMamit-204.84mmSerchhip-189.57mm (285.5mm)(280.9mm)Weather summary of the past three daysLunglei-326.52mmMamit-204.84mmSerchhip-189.57mm (285.9mm)The temperature range for maximum and minimum were south-asterly. Maximum RH observed. Wind direction is southeasterly. Maximum RH observed. Wind direction is southeasterly. Maximum RH observed 88-98% & minimum of 49-57%. Rainfall recorded for the past three days is 112.50mm.Metter temp temperatures for the next 5 days may range for 30-32°C and 22-23°C. Maximum relative humidity is expected in the wind speed of 2-4 km per hour. Dense cloudy sky will prevail		- <u>\</u>				
Max Temp (c)323232313030Min Temp (c)232223222222Cloud CoverageMainly cloudyMainly cloudyMainly cloudyMainly cloudyPartially clearMax RH (%)9999999797Min RH (%)6362717568Wind Speed (KmpH)22224Wind DirectionES-ESSNortherly- N, North-Easterly - N.E., South-Easterly - S.E., South-G.S., S		12.08.2015	13.08.2015	14.08.2015		16.08.2015
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Cloud Coverage Max RH (%)Mainly cloudy 99Mainly cloudy Mainly cloudyMainly cloudy Mainly cloudyPartially clear 97Min RH (%)9999999797Min RH (%)6362717568Wind Speed (KmpH)22224*Wind DirectionES-EES-ESNortherly- N, North-Easterly- NE, Easterly- E, South-Easterly- NW.STATUS OF MONSOON- July 1-31, 2015 (Percent of deviation from normal in parenthesis)Aizawl- 412.50mmChamphai- 105.47mmSaiha- 307.78 mmKolasib- 331.10mm(341.8mm)(250.30mm)(87.2mm)(380.9mm)Lawred Li 285.5mm)(186.21mm)(442.80mm)(25.9mm)Weather summary of the past maximum and minimum were 30.8-32.6°CWeather forecast valid from 12 ^{ch} August, 2015 To 16 th August, 2015.The temperature range for asoutheasterly. Dense cloudy sky was observed. Wind direction is observed. Wind firefore ast three days is 112.50mm.Weekly cumulative rainfall: 36.0 mmNDVI for MizoramWeekly cumulative rainfall: 36.0 mmNDVI for Mizoram is less than normal NDVI. Value shown that NDVI is zero. So, it represents "Bare Soil".	Max Temp (oC)	32	32	31	30	30
Max RH (%)999999999797Min RH (%)6362717568Wind Speed (KmpH)2224"Wind DirectionES-EES-ESNortherly- N, North-Easterly- N-E, Easterly- E, South-Easterly- S.Southerly- S, South-Westerly- S-W, Westerly- S, South-Westerly- S.Southerly- S, South-Westerly- S-W, Westerly- W, North-westerly- NW.STATUS OF MONSOON- July 1-31, 2015 (Percent of deviation from normal in parenthesis)Aizawl- 412.50mmChamphai: 105.47mmSaiha- 307.78 mm Kolasib- 331.10mm(341.8mm)(250.30mm)Weather summary of the pastWeather forecast valid from 12th August, 2015 To 16th August, 2015.The temperature range for maximum and minimum were 30.8-32.6°C and 17.2-22.5°CThere are chances of moderate to light rainfall during the next 5 day. The maximum and minimum was observed. Wind direction is southeasterly. Maximum RH observed 88-98% & minimum of 49-57%. Rainfall recorded for the past three days is 112.50mm.Weekly cumulative rainfall: 36.0 mmNDVI for MizoramNot target weakley with the wind speed of 2-4 km per hour. Dense cloudy sky will prevail during the next five days.Not target will prevail during the next five days.Not target of the speet of the target of the targ	Min Temp (oC)	23	22		22	22
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Image: Constraint of the set of the			e will prevail di	aring the next liv	re days.	
NDVI for Mizoram         North East Region       8 July 2015         Pristant cloud         C2 / Jars cal / vert         Stateground         C4-0.5         C3-0.6         C3-0.6         Corport of Mizoram         Agriculture vigour is good in valleys of North-East states which ever parts of Asam . NDY values vary from 0.4.06. Normal NDVI values vary from 0.4.06. N	past three days is	112.50mm.				
MDVI for Mizoram is less than normal NDVI. Value shown that NDVI is zero. So, it represents "Bare Soil".						
Pristant doe Agriculture viguer is good in valleys of North-East states which cover parts of Assam . NDVI values vary frem 0.44.6. Normal NDVI conditions are observed all over NE region.	NDVI for Mizoram		North East Region	^{8 July 2015} ND	VI for Mizoram	is less than
Image: Control of the set of the se			-	nor	mal NDVI. V	alue shown
Agriculture viguer is good in valleys of North-East states which cover parts of Assam. NDVI values vary from 0.4.0.6. Normal NDVI conditions are observed all over NE region.				Content of the sold of the	t NDVI is z	zero. So, it
Agriculture vigour is good in valleys of North-East states which cover parts of Assam. NDVI values vary from 0.4.0.6. Normal NDVI conditions are observed all over NE region.			Eng Str	= 0.2-0.3 = 0.3-0.4	resents "Bare S	Soil".
Agriculture vigour is good in valleys of North-East states which cover parts of Assam. NDVI values vary from 0.4-0.6. Normal NDVI conditions are observed all over NE region.			A A A A A A A A A A A A A A A A A A A	0.4-0.5		
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			cover parts of Assam . NDVI values vary	from 0.4-0.6. Normal		
1 IPage						
			V.	N		1 Page



**ICAR RESEARCH COMPLEX FOR NEH REGION** 







**ICAR RESEARCH COMPLEX FOR NEH REGION** 

Mizoram Centre, Kolasib- 796081, MIZORAM (Prepared based on District wise Weather Forecast received from IMD, Guwahati)



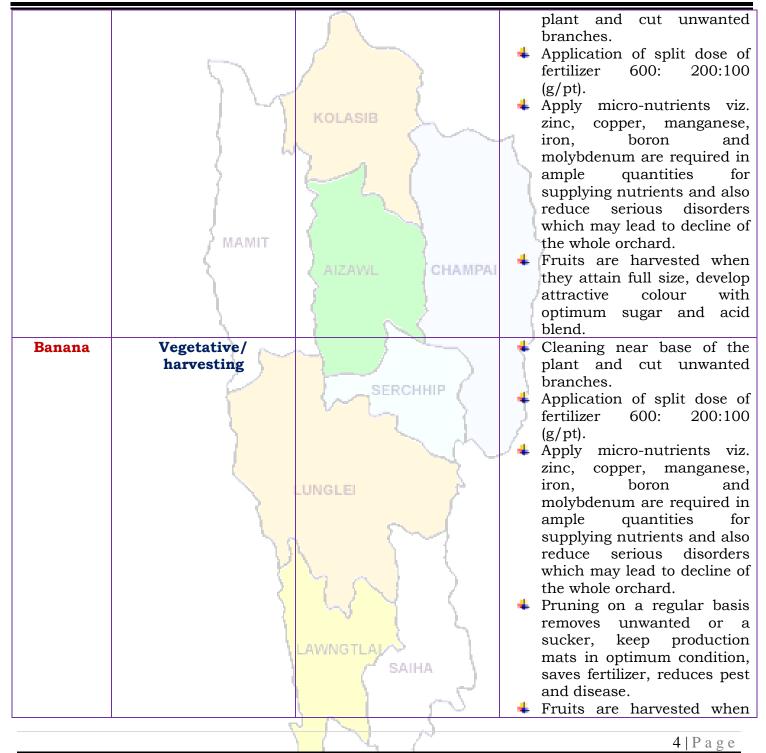
Khasi	Flower/Harvest stage		
Mandarin	riuwer/ narvest stage		from the fourth year but
and acid			substantial yield can be
lime			expected only from sixth
		1 5	year onwards.
		)	Fruits are harvested when
		KOLASIB	they attain full size, develop
			attractive colour with
	) (		optimum sugar and acid
	5	2 1 (	blend. Fruits should be
	j.		harvested preferably with
			clipper, shears or secateurs.
	, , , , , , , , , , , , , , , , , , ,		Mandarins should not be
	A MAMIT		harvested in wet weather or
	ζ		during rains.
	5	AIZAWL CHAMPAI	<b>4</b> Trees are trained to single
		( ) ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( )	stem with 4-6 well-spaced
			branches for making the
	<u> </u>		basic framework. The
	) ~~		lowermost branches are not
			allowed to grow below the
		SERCHHIP /	height of 50 cm. from the
			soil surface.
	1	Devitalization of plants	<b>Spraying with insecticides</b>
		due to poor fruit set, fruit	viz. monocrotophos,
	j j	drop both at bearing and	phosalone, dimethoate,
		maturity stage, stem tunnelling, bark removal,	phosphamidon, quinalphos @ 2 ml/lt of
		girdling etc., on account	water.
		of the attack of the	water.
		different insect pests viz.	
	1	citrus black fly, citrus	
		psylla, citrus leaf miner,	
		bark eating caterpillar,	
	\\	mealy bugs, citrus	
		aphids, citrus thrips, fruit	
		fly, mites etc.	
Oil plam	Vegetative/flowering/	SAIHA	<b>4</b> Remove all dead plants and
	Harvesting stage		replace with healthy
		7~	seedling.
	<u> </u>		♣ Cleaning near base of the
			3   P a g e

Phone: +91 3837 220041, Fax: +91 3837 220560, E-mail: kolasib.amfu@gov.in



**ICAR RESEARCH COMPLEX FOR NEH REGION** 

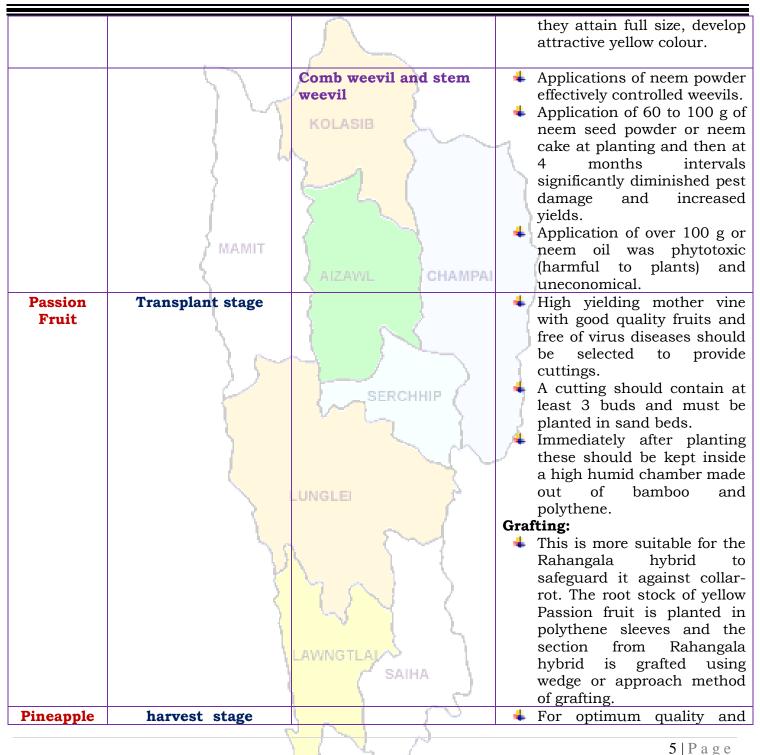






**ICAR RESEARCH COMPLEX FOR NEH REGION** 

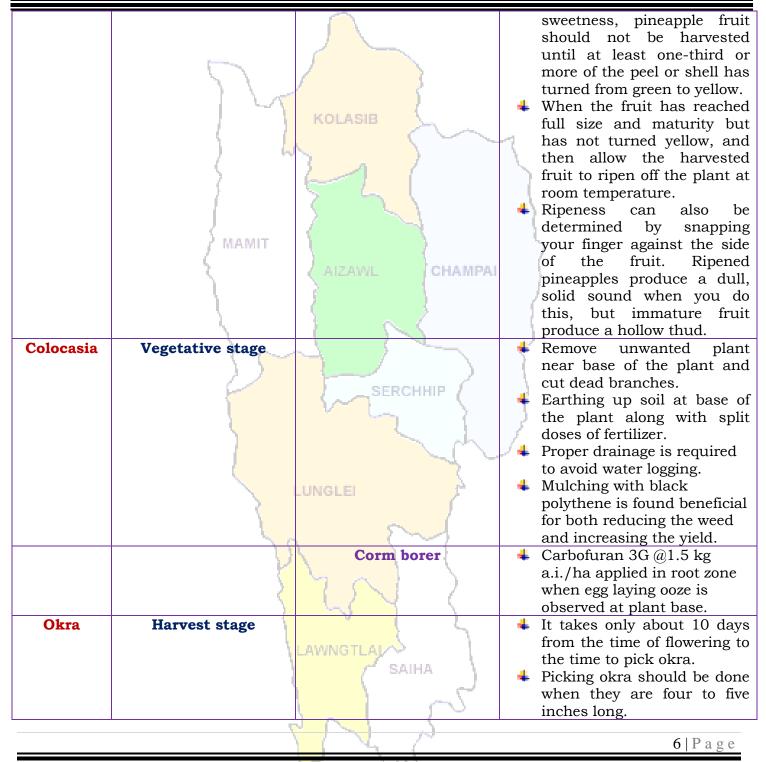






**ICAR RESEARCH COMPLEX FOR NEH REGION** 

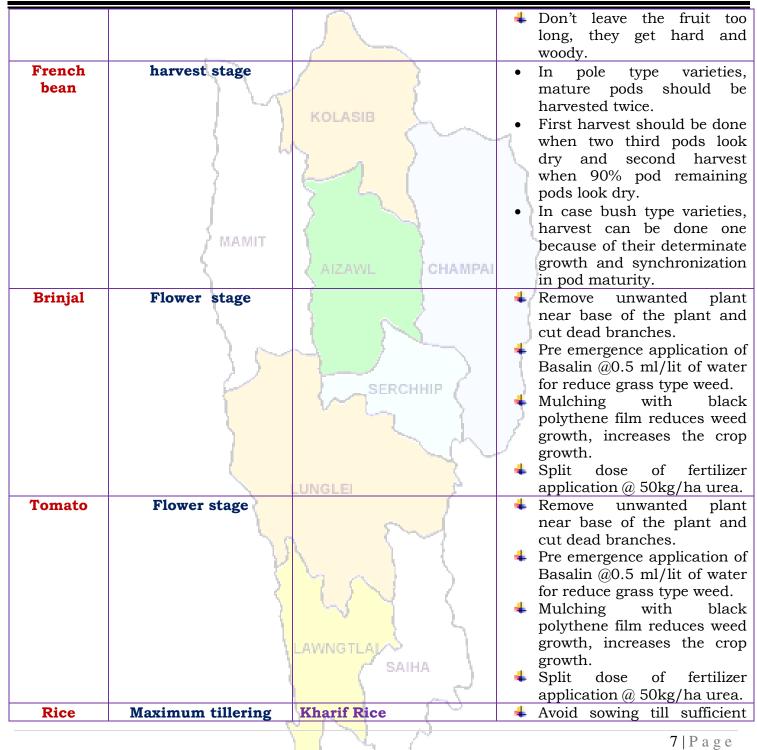






ICAR RESEARCH COMPLEX FOR NEH REGION

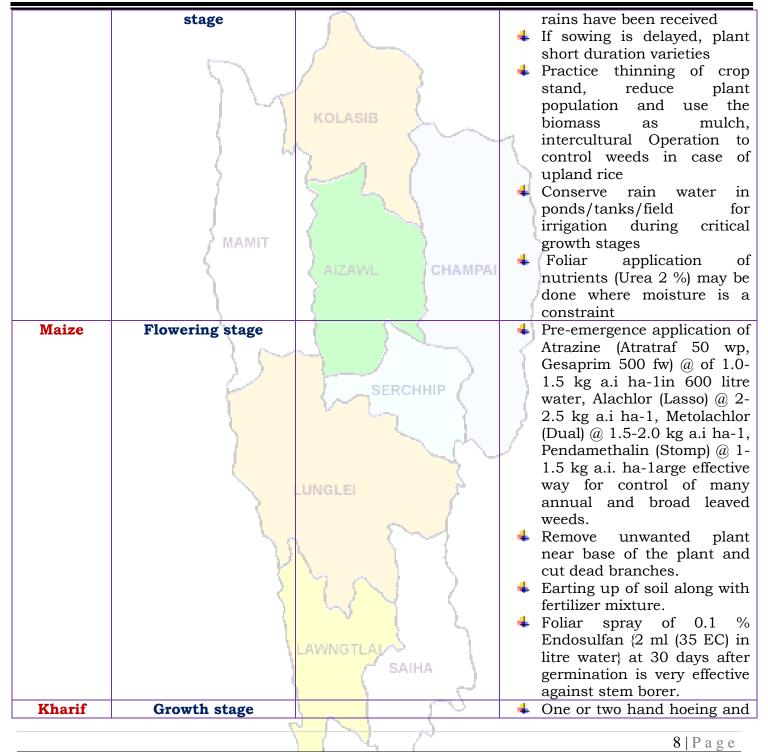






ICAR RESEARCH COMPLEX FOR NEH REGION

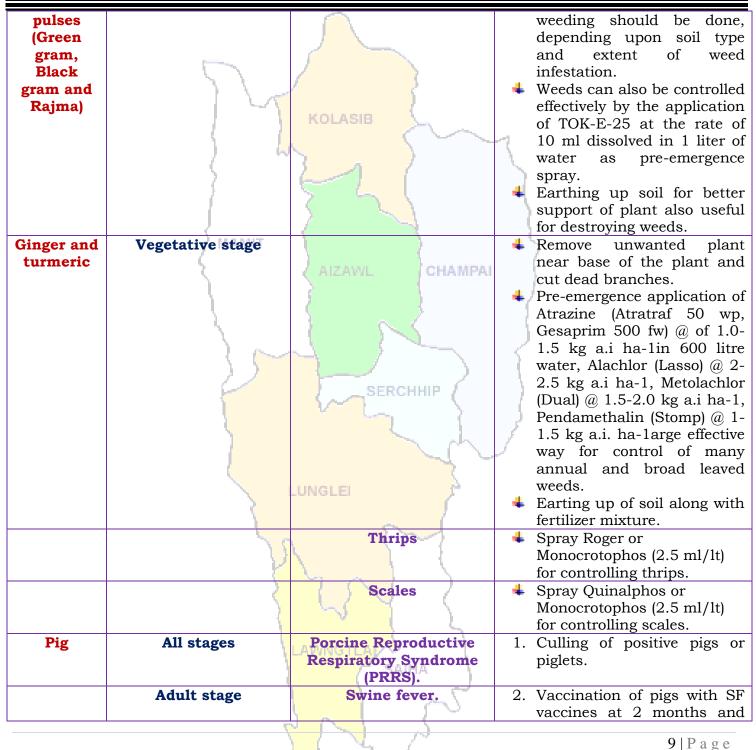






**ICAR RESEARCH COMPLEX FOR NEH REGION** 







ICAR RESEARCH COMPLEX FOR NEH REGION



			yearly interval/6 month
			interval
Cattle	All age group	Foot and Mouth Disease	• FMD vaccine at 16 week and
		(FMD)	repeat every 6 month.
	Young stage	Black Quarter (BQ)	Black Quarter Vaccine (BQV).
		KOLASIB	<ul> <li>(BQV).</li> <li>Primary vaccination 6</li> </ul>
			month or above
			Revaccination annually
Poultry	Adult stage	Ranikhet Disease.	• F1 vaccine at (1-6) days of
	1	12 5 5	birth and R ₂ B vaccine for
			adult birds.
	Early stage	Coccidiosis	1. Amprolium or coccidiostat
			. (
		AIZAWL	}
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#### **ICAR RESEARCH COMPLEX FOR NEH REGION**

Mizoram Centre, Kolasib- 796081, MIZORAM (Prepared based on District wise Weather Forecast received from IMD, Guwahati)



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R RESEARCH COMPLEX FOR NEH REGION ICA

Mizoram Centre, Kolasib- 796081, MIZORAM

(Prepared based on District wise Weather Forecast received from IMD, Guwahati)



#### **District:** Lawngtlai

Bulletin No: -543/2015/ Bulletin/English

#### Period: 12- 16 August, 2015

#### Date of issue: 11th August, 2015

Parameters	12.08.2015	13.08.2015	14.08.2015	15.08.2015	16.08.2015
Rainfall (mm)	9	8	3	4	0
Max Temp (oC)	32	31	32	31	30
Min Temp (oC)	22	22	22	21	21
Cloud Coverage	Mainly cloudy	Mainly cloudy	Partially clear	Mainly cloudy	Partially clear
Max RH (%)	97	97	96	96	95
Min RH (%)	63	65	58	64	67
Wind Speed (KmpH)	3	4	4	4	4
*Wind Direction	E	E	E	E	S-E
			Easterly- <mark>E</mark> , South		
			Westerly-W, North		
STATUS OF MONSO					
Aizawl- 412.50mm	n Champh	ai- 105.47mm	Saiha- 307.7		<b>ib-</b> 331.10mm
(341.8mm		(250.30mm)		.2mm)	(380.9mm)
Lawngtlai-291.28mn		-326.52mm	<b>Mamit-204.</b>	84mm Serch	hip-189.57mm
(285.5mm	1)	(186.21mm)		.80mm)	(25.9mm)
Weather summar	y of the past	Weather	forecast valid f	from 12 th Augus	st, 2015 To
three d	ays		16 th Aug	ust, 2015.	
		The maximu 5 days may relative hum minimum m easterly to s per hour. I five days.	um and minimu range for 30-3 nidity is expecten nay from 58-67 southeasterly w Dense cloudy sk	rainfall during t am temperature 32°C and 21-22 d in the range of %. Wind direct ith the wind sp ay will prevail do be rainfall: 24.0	es for the next PC. Maximum of 95-97% and tion would be eed of 3-4 km uring the next
NDVI for Mizoram		North East Region		NDVI for Mizora	
		Agriculture vigour is good in valley over parts of Assam. NDV1 value NDV1 conditions are observed all o	Persistent cloud 	normal NDVI is that NDVI is represents "Bar	Value shown zero. So, it
			~		110
			(		1   P a g e

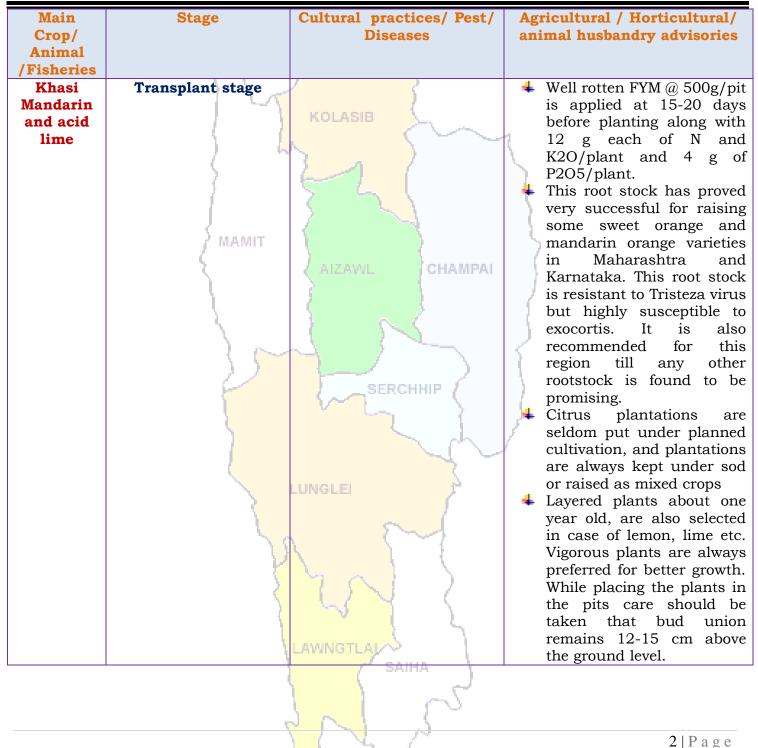


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Khasi	Flower/Harvest stage		 Mandarins start bearing
Mandarin			from the fourth year but
and acid			substantial yield can be
lime		/ 2	expected only from sixth
		1 1	year onwards.
		KOLASID	♣ Fruits are harvested when
	( )		they attain full size,
			develop attractive colour
	I ( ''	B A /	with optimum sugar and
	2		acid blend. Fruits should
	1		be harvested preferably
			with clipper, shears or secateurs. Mandarins
	A MAMIT		should not be harvested in
	10000011		wet weather or during
	2	AIZAWL CHAMPAI	rains.
	1		Trees are trained to single
			stem with 4-6 well-spaced
			branches for making the
			basic framework. The
			lowermost branches are not
		SERCHHIP	allowed to grow below the
		Conserventing (	height of 50 cm. from the
			soil surface.
		Devitalization of plants due	1 0 0
		to poor fruit set, fruit drop	
		both at bearing and	monocrotophos,
		maturity stage, stem	phosalone, dimethoate,
		tunnelling, bark removal,	
		girdling etc., on account of the attack of the different	
		insect pests viz. citrus	water.
		black fly, citrus psylla,	
		citrus leaf miner, bark	
		eating caterpillar, mealy	
		bugs, citrus aphids, citrus	
		thrips, fruit fly, mites etc.	
Oil plam	Vegetative/flowering/	SAIHA	♣ Remove all dead plants and
	Harvesting stage	( SAINA )	replace with healthy
		7~ (	seedling.
			4 Cleaning near base of the
			<b>2</b>   D o c c
		- ~ (	3   P a g e

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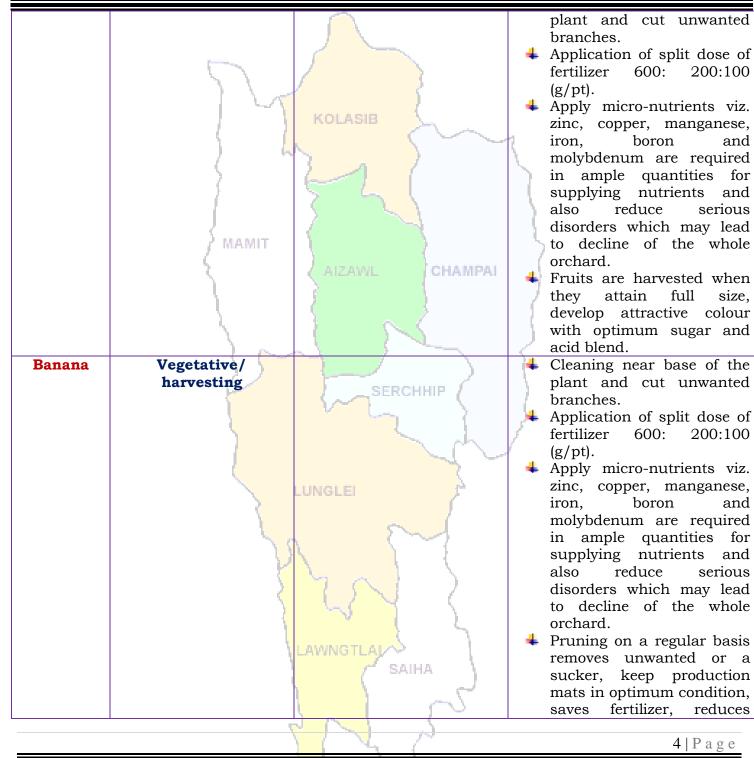
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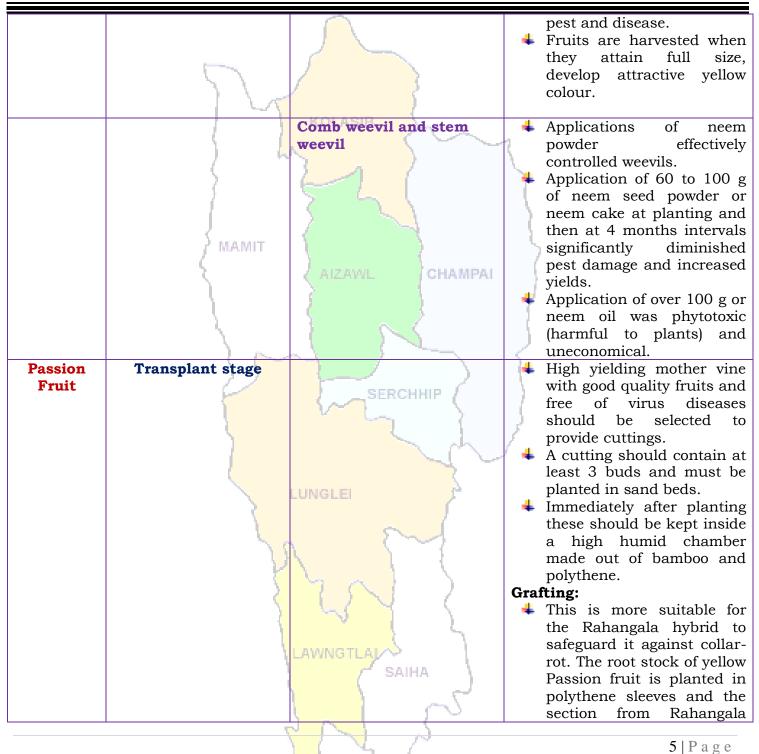


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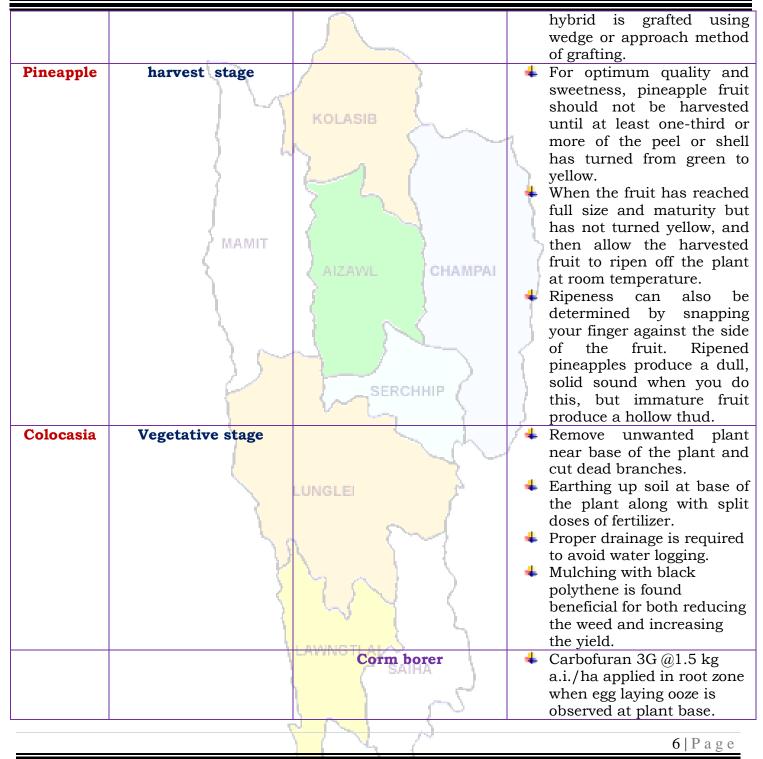






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Okra	Harvest stage		4	It takes only about 10 days
				from the time of flowering
				to the time to pick okra.
			- 4	Picking okra should be
	) ( _	2		done when they are four to
				five inches long.
	- I - 1	KOLASIB	- 4	Don't leave the fruit too
			1	long, they get hard and
	^			woody.
French	harvest stage		•	In pole type varieties,
bean	1	2 5 1		mature pods should be
			1 1	harvested twice.
	A MAMIT		<b></b> 1	First harvest should be
	/	S (		done when two third pods look dry and second
	2	AIZAWL CHAMPAI		look dry and second harvest when 90% pod
	1			remaining pods look dry.
	l l l l l l l l l l l l l l l l l l l	- (		In case bush type varieties,
				harvest can be done one
			1	because of their
				determinate growth and
		SERCHHIP		synchronization in pod
		Contraction of the second seco		maturity.
Brinjal	Flower stage		<b>}</b> #	Remove unwanted plant
			1	near base of the plant and
			Í .	cut dead branches.
		5	-	Pre emergence application
		LUNGLEI		of Basalin @0.5 ml/lit of
	(			water for reduce grass type weed.
				Mulching with black
	1		-	polythene film reduces
				weed growth, increases the
	>			crop growth.
	)		4	Split dose of fertilizer
	1			application @ 50kg/ha
				urea.
Tomato	Flower stage	SAIHA	4	Remove unwanted plant
				near base of the plant and
			-	cut dead branches.
			-	Pre emergence application
				7   P a g e

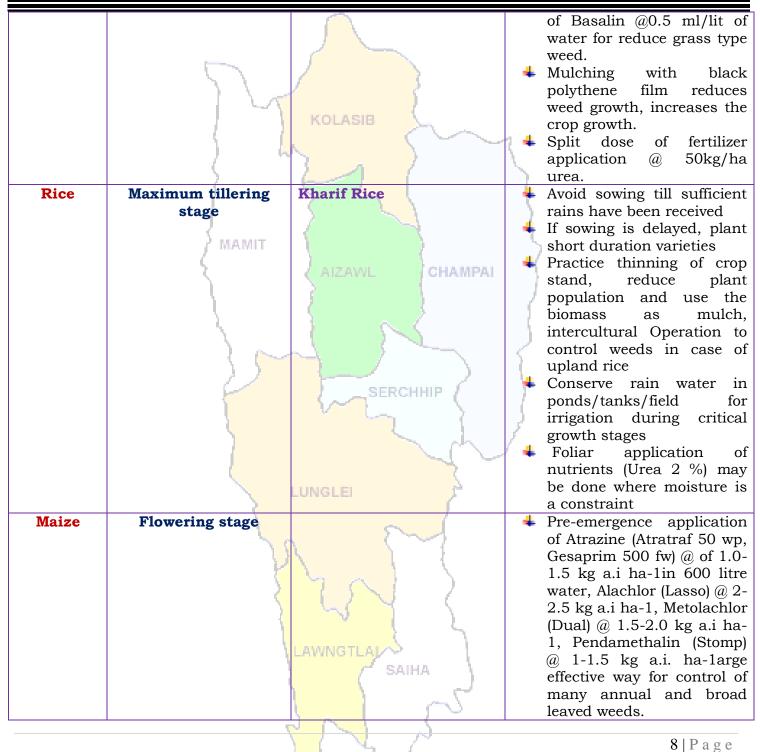


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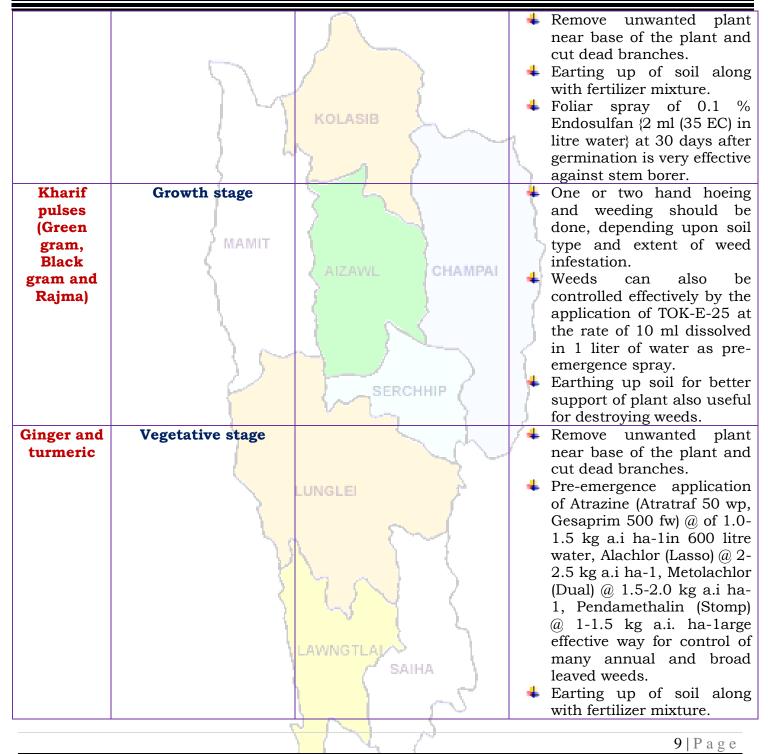


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ICAR			
		Thrips Scales	<ul> <li>Spray Roger or Monocrotophos (2.5 ml/lt) for controlling thrips.</li> <li>Spray Quinalphos or</li> </ul>
	14		Monocrotophos (2.5 ml/lt) for controlling scales.
Pig	All stages	Porcine Reproductive Respiratory Syndrome (PRRS).	1. Culling of positive pigs of piglets.
	Adult stage	Swine fever.	2. Vaccination of pigs with S vaccines at 2 months an yearly interval/6 mont interval
Cattle	All age group	Foot and Mouth Disease	• FMD vaccine at 16 wee and repeat every 6 month.
	Young stage	Black Quarter (BQ)	<ul> <li>Black Quarter Vaccin (BQV).</li> <li>Primary vaccination month or above</li> <li>Revaccination annually</li> </ul>
Poultry	Adult stage	SERCHHIP	• F1 vaccine at (1-6) days of birth and R ₂ B vaccine for adult birds.
	Early stage	LUNGLEI	1. Amprolium or coccidiostat
		LAWNGTLAL	
			10   P a g e

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