



Ka kalendar thung jingthung na ka bynta ka Ri Bhoi District, Meghalaya

(Na ka bynta ki jaka ki ba don haka kynjang kaba 800-1400 m na sla duriaw)



Technical Bulletin (ICARNEH/NICRA/2013)



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Preface

Ka calendar thung jingthung ka dei ka ba batai ia ki nongrep ban rep ia ki jait jingthung bapher bapher (ka jingpynkhreh ia ka jaka rep,ka jingaisboh,ka jingbet symbai, ka jingai um,ka jingkheit bad kiwei kiwei) ha kaba iadei bad ka jinglong ka mariang ba mynta. ka iarap ruh ban nang ban pynkhreh na ka bynta kawei pat ka por thung kaba bud bad na ka bynta kiwei pat ki jait jingthung.ka calendar ka thmu ban pynkiew bad pynroi ia ka rep ka riang jong ka jylla da kaba shu bud ia kane ka calendar. Ka pynkynmaw ba ngin tip ban thung u wei u jingthung hadien uwei pat kat kum ka aiom, khlem da pynsepei ia ka por bad ki jinglutksan ha ki kamrep.

Hangne ka por san jong u jingthung , ka sdang naduh ka por pynkhreh ia ka lyngkha haduh ka por ot, la kdew da ka standard meteorological week bad ka associated Probable rainfall bad ka jingshit jing khriat na ka bynta ka taiew la pyni lang E.g.

Probable rainfall (mm)
Date
Mean temperature (°C)

Ka jinghapslap(mm) la kdew ha ka bynta kaba sha jrong bad ka jingshit jingkhriat (°C) ha ka bynta ka ba shapoh jong ka taiew. ka jinghap slap kaba la khmih lynti ba dei ban hap ha ka 75%.Ka jinghap slap ka ba dei ban hap 75% ka mut,ka jinghapslap kaba la khmih lynti ban hap lai lane saw sien ha ka shi taiew ha ka rukom hap slap ba neh,kaba iasyriem ia ka rukom hap slap ba neh ha ka ne ka thain jong ngi.

Don 52 taiew ha ka shisnem. Ka taiew ka ba nyngkong ka mut ka taiew ba nyngkong jong u kyllalyngkot (January). Nyngkong ngi dei ban peit ia ka taiew ba nyngkong shuwa ban sdang ban thung jingthung. Ki taiew bala kdew ha ka calendar, ka pyni ia ka por ka babiang bha ban thung ia u jingthung u ba ngi kwah. Lah ruh ban thung ia u jingthung shakhmat ne hadien jong ka taiew bala kdew kat kum ka jinglong ka suinbneng ha kata ka por.

Ka jingbatai shaphang ki jingthung ba la ai ha ka calendar, kadei kat kum ka jingrep ba ju rep ha Meghalaya ba la pynmih da ka tnad ka rep ka riang jong ka sorkar Meghalaya bad ki lad jingwad bniah la ioh na ICAR Research Complex

for NEH Region, Umiam ba la pyniahap bad ka jingwad jing tip ka ba skhem kaba 20 snem jong ka Umiam(1983-2003) watla ka jingkylla ha ka suinbneng ka jur haki jaka lum naka daw ki jinglong lum, long them jong ka jaka, la antad ruh katba dang pynkhreh ia ka calendar, ka jinglong jong ka suin bneng ha Umiam ka don katto katne ki jingiasyriem bad kiwei pat ki jylla ba don ha ka kynjang ba 800 – 1400 m na sla duriaw.

‘Bet dang kloi bad ot dang kloi’ ban ioh ia ka jingiohnong kaba kham bun.

**S. V. Ngachan
Director**

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Ka rep ka riang ha Ri-Bhoi district jong ka Meghalaya

A. Ki jaka bad ka suinbneng baiahap ban rep ha Meghalaya

Ia baroh kawei ka jaka ha Meghalaya lah ban bynta ha ki san tylli ki jaka ba ia hap ban rep:

1. ***Ka jaka kaba syaid, sngem bad shu biang ka jing hap slap (1270-2032 mm)***: Kum kane ka jinglong ka jong ka jaka ka jia ha ki jaka lum, bad jaka sharing phang shatei bad shathie jong ka Garo Hills, ka bynta ba shatei jong mihngi bad sepngi jong ka West Khasi Hills bad ka bynta ba shatei lam mihngi ka Jaintia Hills District.kane ka bynta ka don ia ka khyndew kaba shu biang ha ka texture bad kham jylliew .Ki jingthung ba kongsan ha kine ki jaka long u kba , riewhadem, kew, sainalia,symbai umphniang/ tyrso, kynphad bad u sying.**ka Ri-Bhoi district ka hap ha kane ka bynta jong ka jaka.**
2. ***Ka jaka ba sngem bad shu biangka jingkhriat ha ka por tlang bad ba jur slap (2800-4000 mm)***: kane ka jaka ka long ha ki madan lum jong ki bynta pdeng jong ka Garo hills bad ki bynta pdeng madan lum jong ka West Khasi Hills. kane ka bynta ka don ia ka khyndew kaba shu biang ha ka texture bad jylliew bha.U sying,kynphad bad u slasha ki dei ki jingthung bakongsan jong kane ka jaka.
3. ***Ka jaka ba long sngem bad syaid bad ba jurslap (2800-6000mm)***: kane ka jaka ka kynthup ia ki bynta pdeng jong ki madan lum jong ka East Khasi Hills, West Khasi Hills bad Jaintia Hills.ka don ia ka khyndew kaba shu biang ha ka texture bad kham jylliew bha.Kane ka bynta jong ka ka jaka ka iahap bha na ka bynta ki jhur,khamtam u phan, kbalum, slasha bad sying.
4. ***Ka Jaka ba sngem bad syaid,bad jur slap (4000-10000 mm)***: kane ka bynta jong ka jaka ,ka long ha ki bynta ba sharing lam mihngi jong Jaintia Hills, bynta shathie jong ka East Khasi Hills bad ka bynta ba sha tduh eh jong ka West Khasi Hills Hills bad Jaintia Hills.ka don ia ka khyndew kaba shu biang ha ka texture bad kham jylliew bha. Ki jingthung ba kongsan ha kine ki jaka ki long, u sohniamtra, shynrai bad rymbaiktung.
5. ***Ka jaka ba shit bad ba jur slap (2800-4000 mm)***: Kane ka jaka ka kynthup iaki jaka ki ba sharing jong ka West Garo Hills bad ka bynta ba shathie jong ka West Khasi Hills. Ka texture jong ka khyndew ka long shu biang bad jylliew, ka long ruh naduh ka ba sting haduh kaba khia. U kba, sainalia bad u mista bad u symbai umphniang ki dei ki jing ki ba donkam ha kane ka jaka.

B. Ka jingpyndonkam ia ka jaka ha Ri-bhoi district (kynthup ia ka jaka rep)

Ka jingpynbynta ia ka jaka	Jaka ('000 ha)
1. Ka Jingheh Jong Ka Jaka	244.800
2. Jaka ba ioh jingkhein	243.700
3. Jaka Khlaw (Ba la buh jingkhein bad bym pat buh jingkhein)	86.918
4. Jaka ba khlem rep	
<i>(i) Jaka ba khlem pyndonkam ban rep ban riang.</i>	
a. Jaka ba dap um	—
b. Khlaw shnong	2.400
c. Jaka ba lang um	2.016
d. Kiwei pat ki jaka	9.545
Total (Ba kheinlang) (a to d)	13.961
<i>(ii) Jaka shrah</i>	19.430
Ba kheinlang (i and ii)	33.391
5. Kiwei ki jaka rep	
a. Jaka phlang na ka bynta ki jing ri	—
b. Jaka ba hap ha ki wei pat ki jait jingthung, etc.	29.194
c. Jaka shrah balah ban rep	56.983
Ba kheinlang (a+b+c)	86.177
6. Jaka ba shu ieh khlem rep. —	
a. Jaka ba khlem rep la slem.	8.871
b. Jaka thymmai bala ieh khlem rep.	6.181
Ba kheinlang (a + b)	15.052
Jaka ba pyndonkam ban bet.	22.232
Jaka ba bet palat shisien	2.901
Ba kheinlang jaka thung baroh	25.133

(Source: Department of Economics & Statistics, Govt. of Meghalaya, 2009-10; http://shillong.nic.in/Agri/agri_scenario/LandUseStats.aspx)

C. Ka jingring um sha ki jaka rep ha Ri-Bhoi district

	Jaka ('000 ha)
Ka jingringum tang ha ki jaka ba thung	11.671
Ka jingringum ha ka lyngkha baroh ka wei	12.8915
Jaka ba ioh um slap	208.347

(Source: Irrigation Statistics of Meghalaya for the Year 2009)

D. Ki ja ka rep ba kongsan bad ki jaka rep soh hapoh Ri-Bhoi district

	Lyuir	Talang	Ka Ba Kheinlang Baroh
Ki jingthung	Jaka ('000 ha)		
Kba	9.414	0.191	9.605
Kew		0.003	0.003
Riewhadem	1.517		1.517
Kiwei ki jingbam symbai		0.013	0.013
Dai	0.155	0.028	0.183
Symbai umphniang		0.159	0.159
Ki jhur ki jhep			
Sohjew Khasi			0.228
Sohjew Assam			0.040
Pumello			0.040
Kait			0.872
Sohtrun			3.654
Buri			0.004
Phan			0.025
Sohmynken			0.093
Shynrai			0.092
Sying			0.973

	Lyuir	Talang Jaka ('000 ha)	Ka Ba Kheinlang Baroh
Diengsoh			
K wai			0.149
Slasha			1.110
Sohmarit			0.146
Ka jri			0.887
Coffee			0.072

E. Ki jingmih na ki lyngkha ba kongsan bad ki diengsoh ha Ri-Bhoi district

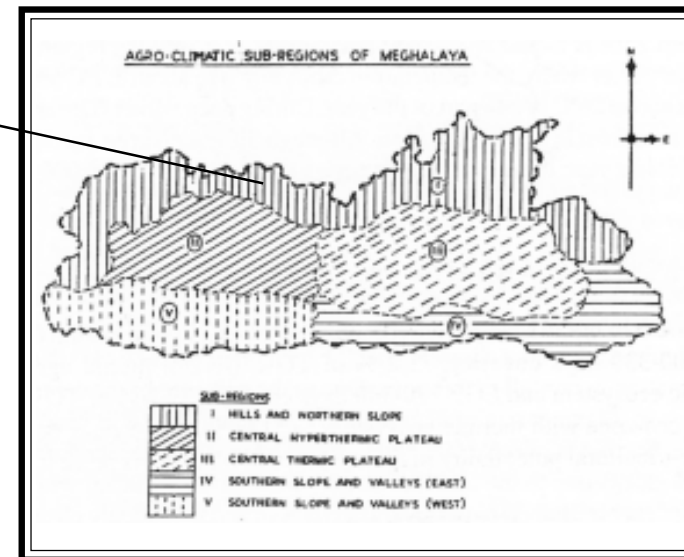
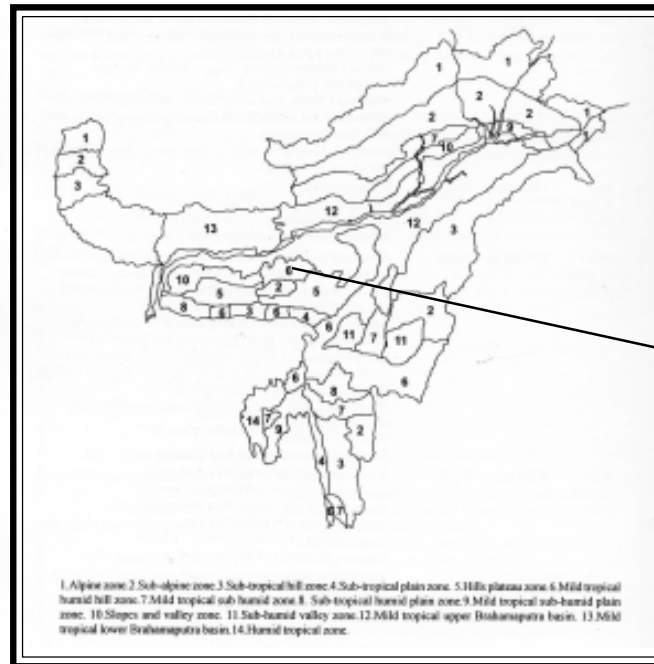
Jingthung ha pynthor	Ka Jingmih (tones/ha)
Kba	2.671
Kew	1.788
Riewhadem	2.498
Symbai umphniang& tyrso	6.661
Ki soh ki jhur	
Sohjew Khasi	5.687
Sohsaw	9.965
Kait	17.554
Sohtrun	39.066
Phan	9.287
Sying	7.825

- Tyllong: 1) Ka statistic jong ka jylla na ka bynta ki jingthung tlang 2009-10
2) Ka statistic jong ka jylla na ka bynta ki jingthung lyuir 2009-10
3) Directorate of Economics and Statistics, Govt. of Meghalaya

Standard periods and weeks

Bnai	Taiew No.	Sngi	Bnai	Taiew No.	Sngi
January	1	1 to 7	July	27	2 to 8
	2	8 to 14		28	9 to 15
	3	15 to 21		29	16 to 22
	4	22 to 28		30	23 to 29
	5	29 to 4		31	30 to 5
February	6	5 to 11	August	32	6 to 12
	7	12 to 18		33	13 to 19
	8	19 to 25		34	20 to 26
	9	26 to 4		35	27 to 2
March	10	5 to 11	September	36	3 to 9
	11	12 to 18		37	10 to 16
	12	19 to 25		38	17 to 23
	13	26 to 1		39	24 to 30
April	14	2 to 8	October	40	1 to 7
	15	9 to 15		41	8 to 14
	16	16 to 22		42	15 to 21
	17	23 to 29		43	22 to 28
	18	30 to 6		44	29 to 4
May	19	7 to 13	November	45	5 to 11
	20	14 to 20		46	12 to 18
	21	21 to 27		47	19 to 25
	22	28 to 3		48	26 to 2
June	23	4 to 10	December	49	3 to 9
	24	11 to 17		50	10 to 16
	25	18 to 24		51	17 to 23
	26	25 to 1		52	24 to 31

Ki jaka rep katkum ka suinbneng ha ki wei pat ki jaka jong ka Ribhoi district



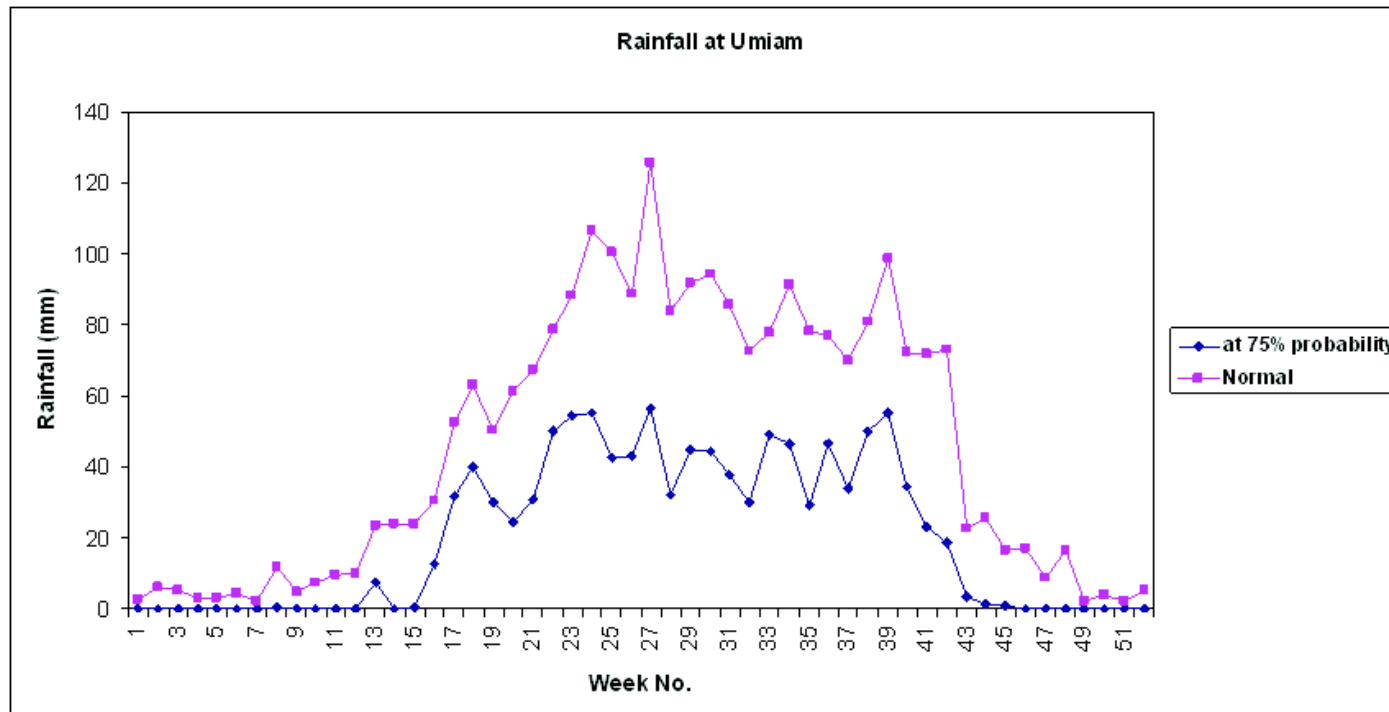


Figure 1: Ki taiew bad 75% ka jinghapslap ha Umiam, Ri-Bhoi, Meghalaya

Ka jinglong ka suinbneng na ka bynta ki jingthung bakongsan

Jingthung	Ka jingshit jingkhriat ka ba donkam	Ka jing sngem ka ba don kam
Kba	Khie lung: = 10 ⁰ C sdang syntiew : 22-23 ⁰ C sdang soh: 20-21 ⁰ C	Donkam kumba 125 cm ia u slap ha ka por ba don u jingthung. Donkam slap 100 haduh 200 mm man ubnai na ka bynta u kbalum bad u kba pynthor.
Riewhadem	Jingshit of 24 ⁰ C jingshit por miet tam 15 ⁰ C	Donkam 75 cm u slap na ka bynta baroh ka wei ka por san jong u jingthung
Dai	Jingshit f 18-30 ⁰ C	20 cm jing hap slap haduh ban da soh.
Kynphad	Khie lung: 15-20 ⁰ C Jingkhie bad Jingsan: 25-30 ⁰ C Baduna duh 200 Ba lait na U thah	Donkam duna eh 50-65 cm u slap
Shanabudam	Khie lung: 14-16 ⁰ C Jingkhluit jong ka khyndew 23 ⁰ C donkam na ka bynta ka jingmih ka ba bun eh	Donkam haduh 60cm u slap na ka bynta ka jingmih ka ba bun eh u jingthung ba bha pat lah ban kheit ha ka jinghapslap kaba 125-150 cm
Sainalia	Ka jingkhie jingsan: 27-34 ⁰ C	170-200 cm donkam ia ka jinghapslap ba ryntih ha ka porthung baroh kawei
Rymbaiktung	Khie lung: 5-40 ⁰ C Ka lyer pjah bad ka jingkhluit jong ka khyndew kaba 33 ⁰ C ka ktah ia ka jingsan jong u jingthung	65 cm jinghapslap
Phan	Sdang khie dangsan : 24 ⁰ C Kham hadien: 18 ⁰ C	15-20 cm jinghap slap
Syiang Shynrai	Ka jingkhie jingsan: 28-30 ⁰ C Khie lung Ka jingkhie jingsan: 24-28 ⁰ C Sanghe ban san 20 ⁰ C	Slap ba duna duh 125-250 ha ka por san u jingthung 70-225 cm jinghap slap
Symbai umphniang & Tyrso	Sdang khie lung: 20 ⁰ C Sdang long jingthung: 15-20 ⁰ C Sdang syntiew: 25-27 ⁰ C	24-40 cm jinghap slap

Ki bnai thung na ka bynta ki jing thung bapher bapher ha Meghalaya

Ka calendar harum, ka pyni ia ki bnai ba ngi lah ban thung ia uno uno u jait jingthung ha ka kper. Ka dei tang ka jingialam lynti ba ngi lah ban khein ia ka jinglong ka suinbneng. Ka por ka ba bha eh na ka bynta kiwei pat ki kam thung kam tep ban pynbeit da ka ba peit ia ka jinglong ka suinbneng ha kata ka por.

Crop	Mar	Apl	May	June	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb
Kba lyuir		1	2	3	4	5	6	7	8	9		
Riewhadem lyuir		1	2	3	4	5						
Shana budam			1	2	3	4	5	6	7			
Syieng	1	2	3	4	5	6	7	8	9	10		
Shynrai	1	2	3	4	5	6	7	8	9	10		
Lentil (dai)	7							1	2	3	4	5
Sainalia	2	3	4	5	6	7	8	9				1
Kynphad	2	3	4	5	6	7	8	9	10			1
Phan pyrem	3	4	5	6							1	2
Phan tlang							1	2	3	4	5	6
Symbai umphniang & Tyrso	7						1	2	3	4	5	6
Rymbaiktung			1	2	3	4	5	6				
Jhur lyiur	5	6	7	8	9	10			1	2	3	4
Jhur tlang						1	2	3	4	5	6	7

(Ki dak jingkhein ki pyni ia u 'bnai'. nuksa, 1 kamut u bnai ba nyngkong jong ka aiom thung.)

Ki jait symbai jingthung bad ka jingai sbob

Ki jingthjung	Ki jait symbai ba lah ban thung	Ka jingdonkam ia u symbai (Kg/ha)	Ka jingaisboh
Kba lyuir	Lumpnah 1, Shah Sarang 1, Bhalum-1, Bhalum-2, DR-92, Ngoba, NEH Megha Rice 1, NEH Megha Rice 2, Abore B	Direct Seeding: 80-100 Transplanting: 35-40	FYM: 10-20 t/ha N:P:K :: 60:60:40 kg/ha
Riewhadem lyuir	RCM-76, RCM 1-1, RCM 1-3, Pop Corn, Baby Corn, Meghalaya Local Yellow, Meghalaya Local White, Vijay, Gasnga Safed 1, Krishna	10-20	FYM: 10-15 t/ha 65 kg Urea, 250 kg SSP, 67 kg MoP per ha
Sying	Nadia, Poona, Riodegenerio, China, Wynad, Thingpui, Moran	100-120 (Rhizomes)	FYM: 6-8 t/ha 23 kg Urea, 250 kg SSP, 33 kg MoP per ha
Shynrai	Lakadong	100-120 (Rhizomes)	FYM: 6-8 t/ha 23 kg Urea, 250 kg SSP, 33 kg MoP per ha
Lentil (Dai)	B 177, L 9-12, L 4147, PL 639, PL 4, VL 1, VL 125	30-40	FYM: 4-5 t/ha 75 kg DAP per ha
Jute (Sainalia)	Capsularies: JRC 212, JRC 321, JRC 7447	Capsularies Line Seeding: 6-8 Broadcasting: 10-11	FYM: 6-8 t/ha 188 kg SSP, 50 kg MoP per ha (Capsularies)

Ki jingthjung	Ki jait symbai ba lah ban thung	Ka jingdonkam ia u symbai (Kg/ha)	Ka jingaisboh
Jute (Sainalia)	Olitorius: JRO 632, JRO 524, JRO 7835	Olitorius Line Seeding: 6-7 Broadcasting: 7-8	156 kg SSP, 42 kg MoP per ha (Olitorius)
Kynphad	D 46 2-1, G-54 1, G-135 49	10-12	FYM: 8-10 t/ha 54 kg Urea, 250 kg SSP, 50 kg MoP per ha
Phan	Kufri Megha, Kufri Jyoti, Great Scott	180-200	FYM: 10 t/ha 133 kg Urea, 312 kg SSP, 83 kg MoP per ha
Rymbaiktung	Bragg, Ankur	70-75	FYM: 4-5 t/ha 45 kg Urea, 375 kg SSP, 70 kg MoP per ha

Kharif Rice (Kba lyuir)

1. ka jingpynkhreh ba nyngkong ia ka lyngkha:

12.4 mm	31.7 mm	40.2 mm	30.0 mm
16-22 Apl	23-29 Apl	30-6 May	7-13 May
21.9 °C	21.5 °C	21.3 °C	22.0 °C



Ka jinghap slap ba dei ban hap (mm)
Ki sngi
Jingshit jingkhriat (°C)

2. ka jingpynkhreh khatduh ia ka lyngkha bad ka jingbet ia u symbai:

31.7 mm	40.2 mm	30.0 mm	24.2 mm	31.0 mm	50.0 mm
23-29 Apl	30-6 May	7-13 May	14-20 May	21-27 May	28-3 Jun
21.5 °C	21.3 °C	22.0 °C	22.6 °C	22.7 °C	23.0 °C

3. ka jingsara ia ki symbai kba ba shu thung:

40.2 mm	30.0 mm	24.2 mm	31.0 mm	50.0 mm
30-6 May	7-13 May	14-20 May	21-27 May	28-3 Jun
21.3 °C	22.0 °C	22.6 °C	22.7 °C	23.0 °C

4. ka jingpynkhreh khatduh ia ka lyngkha bad ka jingrah tynrai ia u kba ha ka lyngkha:

54.2 mm	55.1 mm	42.5 mm	43.1 mm	56.4 mm	32.1 mm
4-10 Jun	11-17 Jun	18-24 Jun	25-1 Jul	2-8 Jul	9-15 Jul
23.3 °C	23.5 °C	23.8 °C	24.0 °C	23.7 °C	23.6 °C

5. ka jingot ia u kba bala san:

3.6 mm	1.4 mm	4.2 mm	4.5 mm	1.4 mm	0.5 mm
22-28 Oct	29-4 Nov	5-11 Nov	12-18 Nov	19-25 Nov	26-2 Dec
20.0 °C	19.1 °C	18.3 °C	17.5 °C	16.9 °C	15.8 °C

Ka por ba ia pynbet ia pynshong nongrim ha ka jingdon jong ka Jjingsgem kaba biang bad ka Jjingshit jingkhriat na ka bynte ka Jjingkhie Jjingsan jong u Jjingthung.

Kharif Maize (Riewhadem lyuir)

1. ka jingpynkhreh iaka lyngkha bad ka jingai sboh:

7.4 mm	0.0 mm	0.6 mm	12.4 mm	31.7 mm	40.2 mm
26-1 Apl	2-8 Apl	9-15 Apl	16-22 Apl	23-29 Apl	30-6 May
19.8 °C	20.9 °C	21.7 °C	21.9 °C	21.5 °C	21.3 °C

Ka jinghap slap ba dei ban hap (mm)
Ki sngi
Jingshit jingkhriat (°C)

←

←

←

2. ka jingbet symbai:

12.4 mm	31.7 mm	40.2 mm	30.0 mm	24.2 mm
16-22 Apl	23-29 Apl	30-6 May	7-13 May	14-20 May
21.9 °C	21.5 °C	21.3 °C	22.0 °C	22.6 °C

3. ka jingkeit ia u riewhadem ba la san:

56.4 mm	32.1 mm	44.6 mm	44.4 mm	38.0 mm
2-8 Jul	9-15 Jul	16-22 Jul	23-29 Jul	30-5 Aug
23.7 °C	23.6 °C	24.2 °C	24.0 °C	24.1 °C

Ka por ba la pynbeit la pynshong nongrim ha ka jingdon jong ka Jjingsangem kaba biang bad ka Jjingshit jingkhriat na ka bynta ka Jjingkhis Jjingsan jong u Jjingfhung.

Shanabudam

1. ka jingpynkhreh ia ka lyngkha bad ka jing aisboh:

31.0 mm	50.0 mm	54.2 mm	55.1 mm	42.5 mm	43.1 mm
21-27 May	28-3 Jun	4-10 Jun	11-17 Jun	18-24 Jun	25-1 Jul
22.7 °C	23.0 °C	23.3 °C	23.5 °C	23.8 °C	24.0 °C

Ka jinghap slap ba dei ban hap (mm)
Ki sngi
Jingshit jingkhriat (°C)

2. Ka jing bet symbai:

54.2 mm	55.1 mm	42.5 mm	43.1 mm	56.4 mm	32.1 mm
4-10 Jun	11-17 Jun	18-24 Jun	25-1 Jul	2-8 Jul	9-15 Jul
23.3 °C	23.5 °C	23.8 °C	24.0 °C	23.7 °C	23.8 °C

3. Ba kheit ia u symboh ba la san bad ba la tyrkhong:

3.8 mm	1.4 mm	0.9 mm	0.0 mm	0.0 mm	0.0 mm
22-28 Oct	29-4 Nov	5-11 Nov	12-18 Nov	19-25 Nov	26-2 Dec
20.0 °C	19.1 °C	18.3 °C	17.5 °C	16.9 °C	15.8 °C

Ka por ba la pynbet la pynshong nongrim ha ka jingdon jong ka Jjingsangem kaba biang bad ka Jjingshit jingkhriat na ka bynta ka Jjingkhie Jjingsan jong u Jjingthung.

Syieng

1. Ka jingpynkhreh, shna bun bad ai sboh:

0.6 mm	12.4 mm	31.7 mm	40.2 mm	30.0 mm	24.2 mm	← Ka jinghap slap ba dei ban hap (mm) ← Ki sangi ← Jingshit jingkhriat (°C)
9-15 Apl	16-22 Apl	23-29 Apl	30-6 May	7-13 May	14-20 May	
21.7 °C	21.9 °C	21.5 °C	21.3 °C	22.0 °C	22.6 °C	

2. Kaba thung:

31.7 mm	40.2 mm	30.0 mm	24.2 mm	31.0 mm	50.0 mm
23-29 Apl	30-6 May	7-13 May	14-20 May	21-27 May	28-3 Jun
21.5 °C	21.3 °C	22.0 °C	22.6 °C	22.7 °C	23.0 °C

3. ka ba ot:

0.0 mm	0.0 mm	0.0 mm	0.0 mm	0.0 mm	0.0 mm
19-25 Nov	26-2 Dec	3-9 Dec	10-16 Dec	17-23 Dec	24-31 Dec
16.9 °C	15.8 °C	14.9 °C	14.4 °C	14.0 °C	13.0 °C

Ka por ba la pynbei la pynshong nongrim ha ka jingdon jong ka Jjingsangem kaba biang bad ka Jjingshit jingkhriat na ka bynta ka Jjingkhie Jjingsan jong u Jjingthung.

Shynrai

1. Ka jingpynkhreh, shna bun bad ai sboh:

0.6 mm	12.4 mm	31.7 mm	40.2 mm	30.0 mm	24.2 mm
9-15 Apl	16-22 Apl	23-29 Apl	30-6 May	7-13 May	14-20 May
21.7 °C	21.9 °C	21.5 °C	21.3 °C	22.0 °C	22.6 °C

Ka jinghap slap ba dei ban hap (mm)
Ki sngi
Jingshit jingkhriat (°C)



2. Kaba thung:

31.7 mm	40.2 mm	30.0 mm	24.2 mm	31.0 mm	50.0 mm
23-29 Apl	30-6 May	7-13 May	14-20 May	21-27 May	28-3 Jun
21.5 °C	21.3 °C	22.0 °C	22.6 °C	22.7 °C	23.0 °C

3. ka ba lum:

0.0 mm	0.0 mm	0.0 mm	0.0 mm	0.0 mm	0.0 mm
19-25 Nov	26-2 Dec	3-9 Dec	10-16 Dec	17-23 Dec	24-31 Dec
16.9 °C	15.8 °C	14.9 °C	14.4 °C	14.0 °C	13.0 °C

Ka por ba la pynbet la pynshong nongrim ha ka jingdon jong ka Jjingsngem kaba biang bad ka Jjingshit jingkhriat na ka bynta ka Jjingkhie Jjngsan jong u Jjingthung.

Lentil (Dai)

1. Ka jingpynkhreh iaka lyngkha bad ai sbob:

34.4 mm	23.2 mm	18.6 mm	
1-7 Oct	8-14 Oct	15-21 Oct	
22.0 °C	21.5 °C	21.0 °C	

Ka jinghap slap ba dei ban hap (mm)
Ki sngh
Jingshit jingkhriet (°C)

2. Ka ba bet symbai:

34.4 mm	23.2 mm	18.6 mm	3.6 mm	1.4 mm
1-7 Oct	8-14 Oct	15-21 Oct	22-28 Oct	29-4 Nov
22.0 °C	21.5 °C	21.0 °C	20.0 °C	19.1 °C

3. ka ba ot:

0.0 mm	0.0 mm	0.0 mm	0.0 mm	0.0 mm	0.5 mm	0.0 mm
15-21 Jan	22-28 Jan	29-4 Feb	5-11 Feb	12-18 Feb	19-25 Feb	26-4 Mar
12.1 °C	12.6 °C	13.8 °C	14.1 °C	15.4 °C	15.2 °C	16.4 °C

Ka por ba la pynbeit la pynshong nongrim ha ka jingdon jong ka Jjingsngem kaba biang bad ka Jjingshit jingkhriet na ka bynta ka Jjingkhie Jjingsan jong u Jjingthung.

Jute (*Capsularies*) sainalia

1. Ka jingpynkhreh iaka lyngkha bad ai sboh:

7.4 mm	0.0 mm	0.6 mm	12.4 mm	31.7 mm	40.2 mm	30.0 mm	24.2 mm
26-1 Apl	2-8 Apl	9-15 Apl	16-22 Apl	23-29 Apl	30-6 May	7-13 May	14-20 May
19.8 °C	20.9 °C	21.7 °C	21.9 °C	21.5 °C	21.3 °C	22.0 °C	22.8 °C

Ka jinghap slap ba dei ban hap (mm)
Ki sngi
Jingshit jingkhriat (°C)

2. Ka ba bet:

7.4 mm	0.0 mm	0.6 mm	12.4 mm	31.7 mm	40.2 mm	30.0 mm	24.2 mm
26-1 Apl	2-8 Apl	9-15 Apl	16-22 Apl	23-29 Apl	30-6 May	7-13 May	14-20 May
19.8 °C	20.9 °C	21.7 °C	21.9 °C	21.5 °C	21.3 °C	22.0 °C	22.8 °C

3. Ka ba ot:

46.4 mm	29.3 mm	46.7 mm	33.7 mm	49.8 mm	55.4 mm	34.4 mm	23.2 mm	18.6 mm	3.6 mm	1.4 mm
20-26 Aug	27-2 Sep	3-9 Sep	10-16 Sep	17-23 Sep	24-30 Sep	1-7 Oct	8-14 Oct	15-21 Oct	22-28 Oct	29-4 Nov
23.6 °C	23.8 °C	23.5 °C	23.3 °C	22.7 °C	21.8 °C	22.0 °C	21.5 °C	21.0 °C	20.0 °C	19.1 °C

Ka por ba la pynbel le pynshong nongrim ha ka jingdon jong ka Jjingsangem kaba biang bad ka Jjingshit jingkhriat na ka bynte ka Jjingshit Jjingsan jong u Jjingshit.

Kynphad

1. Ka jingpynkhreh iaka lyngkha bad ai sboh:

7.4 mm	0.0 mm	0.6 mm	12.4 mm	31.7 mm	Ka jinghap slap ba dei ban hap (mm) Ki sngi Jingshit jingkhriat (°C)
26-1 Apl	2-8 Apl	9-15 Apl	16-22 Apl	23-29 Apl	
19.8 °C	20.9 °C	21.7 °C	21.9 °C	21.5 °C	

2. Ka ba bet symbai:

0.6 mm	12.4 mm	31.7 mm	40.2 mm
9-15 Apl	16-22 Apl	23-29 Apl	30-6 May
21.7 °C	21.9 °C	21.5 °C	21.3 °C

3.: Ka ba ot:

34.4 mm	23.2 mm	18.6 mm	3.6 mm	1.4 mm	0.9 mm	0.0 mm	0.0 mm	0.0 mm
1-7 Oct	8-14 Oct	15-21 Oct	22-28 Oct	29-4 Nov	5-11 Nov	12-18 Nov	19-25 Nov	26-2 Dec
22.0 °C	21.5 °C	21.0 °C	20.0 °C	19.1 °C	18.3 °C	17.5 °C	16.9 °C	15.8 °C

Ka por ba la pynbet la pynshong nongrim ha ka jingdon jong ka Jjngangem kaba biang bad ka Jjngshit jingkhriat na ka byrta ka Jjngkhe Jjngsan jong u Jjngthung.

Phan pyrem

1.ka jing pynkreh ia ka lyngkha bad ai sboh:

0.0 mm	0.0 mm	0.0 mm	0.0 mm	0.0 mm	0.0 mm	0.0 mm	0.5 mm	0.0 mm	Ka jinghap slap ba dei ban hap (mm) Ki sangi Jingshit jingkhriet (°C)
1-7 Jan	8-14 Jan	15-21 Jan	22-28 Jan	29-4 Feb	5-11 Feb	12-18 Feb	19-25 Feb	26-4 Mar	
12.4 °C	12.1 °C	12.1 °C	12.6 °C	13.8 °C	14.1 °C	15.4 °C	15.2 °C	16.4 °C	

2.Por thung:

0.0 mm	0.0 mm	0.0 mm	0.0 mm	0.0 mm	0.0 mm	0.5 mm	0.0 mm	0.0 mm
8-14 Jan	15-21 Jan	22-28 Jan	29-4 Feb	5-11 Feb	12-18 Feb	19-25 Feb	26-4 Mar	5-11 Mar
12.1 °C	12.1 °C	12.6 °C	13.8 °C	14.1 °C	15.4 °C	15.2 °C	16.4 °C	17.4 °C

3. Por tih:

56.4 mm	32.1 mm	44.6 mm	44.4 mm	38.0 mm
2-8 Jul	9-15 Jul	16-22 Jul	23-29 Jul	30-5 Aug
23.7 °C	23.6 °C	24.2 °C	24.0 °C	24.1 °C

Phan tiang

1 ka jing pynkreh ia ka lyngkha bad ai sboh:

46.7 mm	33.7 mm	49.8 mm	55.4 mm
3-9 Sep	10-16 Sep	17-23 Sep	24-30 Sep
23.5 °C	23.3 °C	22.7 °C	21.8 °C

2. Por thung:

46.7 mm	33.7 mm	49.8 mm	55.4 mm	34.4 mm	23.2 mm
3-9 Sep	10-16 Sep	17-23 Sep	24-30 Sep	1-7 Oct	8-14 Oct
23.5 °C	23.3 °C	22.7 °C	21.8 °C	22.0 °C	21.5 °C

3. Por tih:

0.0 mm	0.0 mm	0.0 mm	0.0 mm	0.0 mm	0.0 mm	0.0 mm	0.0 mm	0.0 mm
3-9 Dec	10-16 Dec	17-23 Dec	24-31 Dec	1-7 Jan	8-14 Jan	15-21 Jan	22-28 Jan	29-4 Feb
14.9 °C	14.4 °C	14.0 °C	13.0 °C	12.4 °C	12.1 °C	12.1 °C	12.6 °C	13.8 °C

Ka por ba la pyrbeik ia pyshong nongrim ha ka jingdon jong ka Jjngngem kaba biang bad ka Jjngshit jingkhriet na ka bynta ka Jjngkhe Jjngsan jong u Jjngthung.

Symbai umphniang & tyrso

1. Ka jingpynkhreh iaka lyngkha bad ai sboh:

46.7 mm	33.7 mm	49.8 mm	55.4 mm	34.4 mm	23.2 mm	Ka jinghap slap ba dei ban hap (mm) Kù sngi Jingshit jingkhrist (°C)
3-9 Sep	10-16 Sep	17-23 Sep	24-30 Sep	1-7 Oct	8-14 Oct	
23.5 °C	23.3 °C	22.7 °C	21.8 °C	22.0 °C	21.5 °C	

2. Ka ba bet symbai:

49.8 mm	55.4 mm	34.4 mm	23.2 mm	18.6 mm
17-23 Sep	24-30 Sep	1-7 Oct	8-14 Oct	15-21 Oct
22.7 °C	21.8 °C	22.0 °C	21.6 °C	21.0 °C

3. Ka ba ot:

0.0 mm	0.0 mm	0.5 mm	0.0 mm	0.0 mm	0.0 mm	0.0 mm
5-11 Feb	12-18 Feb	19-25 Feb	26-4 Mar	5-11 Mar	12-18 Mar	19-25 Mar
14.1 °C	15.4 °C	15.2 °C	16.4 °C	17.4 °C	18.8 °C	19.4 °C

Ka por ba la pynbet la pynshong nongrim ha ka jingdon jong ka Jjingangem kaba biang bad ka Jjingshit jingkhrist na ka bynte ka Jjingkie Jjingsan jong u Jjingthung.

Rymbaiktung

1. Ka jingpynkhreh iaka lyngkha bad ai sboh:

31.0 mm	50.0 mm	54.2 mm	55.1 mm	42.5 mm	43.1 mm	Ka jinghap slap ba dei ban hap (mm) Ki engi Jingshit jingkhriat (°C)
21-27 May	28-3 Jun	4-10 Jun	11-17 Jun	18-24 Jun	25-1 Jul	
22.7 °C	23.0 °C	23.3 °C	23.5 °C	23.6 °C	24.0 °C	

2. Ka ba bet symbai:

54.2 mm	55.1 mm	42.5 mm	43.1 mm	56.4 mm	32.1 mm
4-10 Jun	11-17 Jun	18-24 Jun	25-1 Jul	2-8 Jul	9-15 Jul
23.3 °C	23.5 °C	23.8 °C	24.0 °C	23.7 °C	23.6 °C

3. Ka ba ot:

34.4 mm	23.2 mm	18.6 mm	3.6 mm	1.4 mm
1-7 Oct	8-14 Oct	15-21 Oct	22-28 Oct	29-4 Oct
22.0 °C	21.5 °C	21.0 °C	20.0 °C	19.1 °C

Ka por ba la pynbet la pynshong nongrim ha ka jingdon jong ka Jjingsengem kaba biang bad ka Jjingshit jingkhriat na ka bynta ka Jjingkhie Jjingsan jong u Jjingthung.

Ki jhur lyuir

(Sohmynten,Sohmyntenjhur, Sohbaingon, Sohsaw, Sohprew, Klong, Presbin,
Salad, Bhyndi, Pathaw etc.)

1.Ka jingpynkhreh iaka lyngkha bad ai sboh:

0.9 mm	0.0 mm	0.0 mm	0.0 mm	0.0 mm	0.0 mm	0.0 mm	0.0 mm	0.0 mm	0.0 mm	0.0 mm	0.0 mm	0.0 mm
5-11 Nov	12-18 Nov	19-25 Nov	26-2 Dec	3-9 Dec	10-16 Dec	17-23 Dec	24-31 Dec	1-7 Jan	8-14 Jan	15-21 Jan	22-28 Jan	29-4 Feb
18.3 °C	17.5 °C	16.9 °C	15.6 °C	14.9 °C	14.4 °C	14.0 °C	13.0 °C	12.4 °C	12.1 °C	12.1 °C	12.6 °C	13.8 °C

2. Ka ba bet symbai / Rah tynrai:

0.0 mm	0.0 mm	0.5 mm	0.0 mm	0.0 mm	0.0 mm	0.0 mm	7.4 mm	0.0 mm	0.6 mm
5-11 Feb	12-18 Feb	19-25 Feb	26-4 Mar	5-11 Mar	12-18 Mar	19-25 Mar	26-1 Apl	2-8 Apl	9-15 Apl
14.1 °C	15.4 °C	15.2 °C	16.4 °C	17.4 °C	18.6 °C	19.4 °C	19.8 °C	20.9 °C	21.7 °C

3. Ka ba ot:

24.2 mm	31.0 mm	50.0 mm	54.2 mm	55.1 mm	42.5 mm	43.1 mm	56.4 mm	32.1 mm	44.6 mm	44.4 mm	38.0 mm
14-20 May	21-27 May	28-3 Jun	4-10 Jun	11-17 Jun	18-24 Jun	25-1 Jul	2-8 Jul	9-15 Jul	16-22 Jul	23-29 Jul	30-5 Aug
22.6 °C	22.7 °C	23.0 °C	23.3 °C	23.5 °C	23.8 °C	24.0 °C	23.7 °C	23.6 °C	24.2 °C	24.0 °C	24.1 °C

30.2 mm	49.1 mm	48.4 mm	29.3 mm
6-12 Aug	13-19 Aug	20-26 Aug	27-2 Aug
24.1 °C	23.7 °C	23.6 °C	23.6 °C

Ka por ba la pynbet la pynshong nongrim ha ka jingdon jong ka Jjingsgem kaba biang bad ka Jjingshit jingkhriat na ka bynta ka Jjingkhe Jjingsan jong u Jjingthung.

Jhur tlang
(kubi, Phul kubi, Knolkhol, kajor, Muli, Dhania,
Sohlakum, Motor, Rynsun, Piat, Palong etc.)

1. Ka jingpynkhreh iaka lyngkha bad ai sboh:

46.7 mm	33.7 mm	49.8 mm	55.4 mm	34.4 mm	23.2 mm	Ka jinghap slap ba dei ban hap (mm) Ki sangi Jingshit jingkhriat (°C)
3-9 Sep	10-16 Sep	17-23 Sep	24-30 Sep	1-7 Oct	8-14 Oct	
23.5 °C	23.3 °C	22.7 °C	21.8 °C	22.0 °C	21.5 °C	

2. Ka ba bet symbai / Rah tynrai:

49.8 mm	55.4 mm	34.4 mm	23.2 mm	18.6 mm	3.6 mm	1.4 mm
17-23 Sep	24-30 Sep	1-7 Oct	8-14 Oct	15-21 Oct	22-28 Oct	29-4 Nov
22.7 °C	21.8 °C	22.0 °C	21.5 °C	21.0 °C	20.0 °C	19.1 °C

3. Ka ba ot:

0.0 mm	0.0 mm	0.0 mm	0.0 mm	0.0 mm	0.0 mm	0.0 mm	0.0 mm	0.0 mm	0.0 mm
19-25 Nov	26-2 Dec	3-9 Dec	10-16 Dec	17-23 Dec	24-31 Dec	1-7 Jan	8-14 Jan	15-21 Jan	22-28 Jan
16.9 °C	15.8 °C	14.9 °C	14.4 °C	14.0 °C	13.0 °C	12.4 °C	12.1 °C	12.1 °C	12.6 °C

Ka por ba la pynbeil la pynshong nongrim ha ka jingdon jong ka Jjngangem kaba biang bad ka Jjingshit jingkhriat na ka bynta ka Jjingkhie Jjngsan jong u Jjingthung.

**Ka Address jong ki institutes/agencies/companies na ka bynta ban ioh ia ki tiar rep ha ki
jaka jong ngi**

Ki jait mar ne tiar	Agency (Dukan)
Dawai sboh	<ol style="list-style-type: none"> 1 M/s Lyngdoh Enterprise, Shillong-02 2 M/s Greens, Guwahati-22 3 Veritas Trading Agency, Umsohsun, Shillong 4 Assam Agro-Industries Development Corporation Ltd., Ulubari, Guwahati-7 (Ph. 0361-2548241, 2548242) 5 Meghalaya State Cooperative Marketing & Consumer Federation (Mecofed), Lumdeingri, Shillong
Dawai pyniaphkhiang	<ol style="list-style-type: none"> 1 M/s Agros India, Aathgaon, Guwahati (Ph. 09864056324) 2 M/s Greens, Guwahati-22 3 M/s Peak Chemicals & Industries Ltd. Siliguri, West Bengal 4 M/s Spark Enterprise, Mawlai (Ph. 9863118315) 5 M/s Stanley Roy Constructions, Mawlai, Shillong-8 6 Veritas Trading Agency, Umsohsun, Shillong 7 M/s North Eastern Agency, Shillong
Symbai	<ol style="list-style-type: none"> 1 Assam Seed Corporation Ltd. Mathura Nagar, Guwahati (Ph. 0361-2560529) 2 ICAR Research Complex for NEH Region 3 Krishi Vigyan Kendra, ICAR, Umroi Road, Ri Bhoi, Meghalaya 4 M/s Agros India, Aathgaon, Guwahati (Ph. 09864056324) 5 M/s Spark Enterprise, Mawlai (Ph. 9863118315) 6 M/s Enbee Enterprise, Iewduh, Shillong
Ki tiar shna ingplastik	<ol style="list-style-type: none"> 1 M/s Agros India, Aathgaon, Guwahati (Ph. 09864056324) 2 M/s Spark Enterprise, Mawlai (Ph. 9863118315)

