

KA RUKOM REP RIEWHADEM

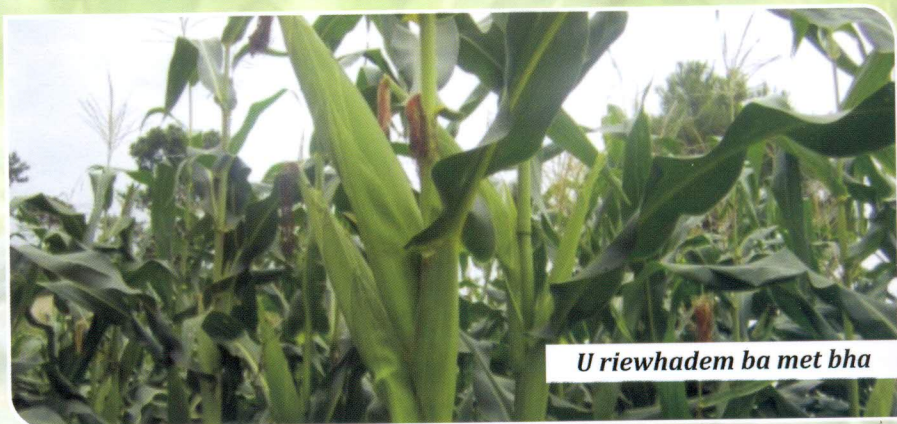
(Production Technology of Maize)



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Uriewhadem u dei uwei na ki jingthung kynja ba long symboh uba wan ba ar ha ka jingkongsan ha kane ka thaiñ shatei lam mihngi jong ka ri India. La ju thung ha ka jinglong jingman ka suiñbneng bad jingkyanjang bapher bapher, kata na ki jaka kiba ha them kiba don haduh 800 m ka jingkyanjang na sla duriaw, kiba pdeng(800-1300m) lane kiba hajrong duh, kata kumba 1300 m shajrong bad kum u jingthung ba ap tang ha u slap bad jaka rep syrti. Une u long u jingthung u ba lah ban mih bha bad ba lah ban bsa ia ki briew bad ruh ia ki jingri. Ka jinglah ban pynmih ia u riewhadem na ka jaka rep na kane ka thaiñ lam mihngi jong ka ri India ka long kaba duna eh haba ianujor bad ka ri ne pyrthei baroh kawei, bad kane ka pyni ia ka jingdonkam kaba khraw ha ka ban pynkiew ia ka jingmih na ka jaka rep. Ia ka jingmih riewhadem lah ban pynbha da kaba jied ia ki symbai kiba bha bad ba iahap katkum ka jaka bad ruh da kaba rep da ka jingrep kaba thymmai. Na kata ka daw, ban rep ia u jingthung u ba seisoh bad u ba myntoi, ka long kaba donkam eh haduh katta katta iaki nongrep kiba don ha kine ki thaiñ ba kin pyndonkam noh da ka buit rep kaba thymmai, bad ia kine la batai kham bniah kumne harum :



U riewhadem ba met bha

Ka rukom jied ia ka khyndew ban thung (Selection of Soil):

Ia u riewhadem lah ban thung ha ki khyndew kiba bun jait, hynrei u kham seisoh haki khyndew kiba khleh shyiap. Dei ban kiar ban rep ha ki jaka ba lang um khamtam ha ki jaka ba ha them ha ka aiom slap.

Ka jingpynkhreh ia ka jaka thung (Seedbed preparation) :

Ka jingshna ia ki nur rit ha ka jaka thung Ka long kaba donkam ban lur kumba ar lane lai sien khnang ban ioh ia ka khyndew kaba ni bad ban pynduna na ki niut ki niier. Ka long kaba donkam ruh ban bet ne buh ia u symbai ha ki bun rit ban lait naka jingpyut lada ka um ka ioh ban lang bad ban ioh ruh ia ka jingsngem kaba biang. Lada thung haka jaka kaba long madan dei ban ai



Ka jingshna ia ki nur rit ha ka jaka thung

khyndew hadien shi bnai ba lah dep thung. Dei ban ber shun ia ka khyndew kumba shi taiew haduh ar taiew ei ei shuwa ban bet symbai. Ia kane ka rukom ai shun lah ban leh shisien lai snem lane pud shisnem katkum ka jingdonkam jong ka khyndew.

Ki symbai riewhadem kiba kham bha (Improved varieties):

Da ka ba thung da ki symbai kiba bha lem bad ka rukom rep kaba tikna kan iarap ban kyntiew ia ka jingiohnong u nongrep. Ki symbai kiba kham met kiba la ai jingmut ban thung ki long kumne harum:

Ki symbai	Jingmih ha shi hektar (Q/ha) (Yield)	Jingshim por ban ioh kheit (sngi)
RCM 1-1	45-55	125
RCM 1-2	35-40	110
RCM 1-3	45-60	125
RCM 1-75	45-65	125
RCM 1-76	45-65	125
DA-61-A	50-70	120
Vijaya Composite	50-55	125
Gujarat Makki-1	55-60	120
Lakshmi	50-55	125
Hemant	45-50	125

Ka jingjied symbai bad kumno ban sumar (Seed selection and treatment):

Ban jied ia u symbai u ba bha bad u bym kit jingpang ka long kaba donkam eh na ka bynta ban ioh ia ka jingryntih ha ka jingmih ha lyngkha. Ban lait na ki jingpang kiba bit ha u symbai lah ban pynduna da kaba khleh da ka dawai Thiram lane Captan kumba 4 g ha shi kilo u symbai.

Katno donkam symbai bad ka jingiar ne jingjngai haba thung (Seed rate and spacing) :

Ka jingdonkam symbai ka shong katkum ka jingheh jong u jait symbai ne ka jingiar haba thung. Dei ban thung katkum ka jingdonkam symbai ban ioh ia ka jingdon ne jingbun jingthung kaba biang. Lah ban ioh kheit kham bun lada lah ban pynbiang ia ka jingdon tynrai kaba 65,000 haduh 75,000 tylli ha man ka shi hektar ka jaka, kaba donkam kumba 20-25 kilo ei ei u symbai ha shi hektar ka jaka. Ka jingiar jingkhah kaba tikna katkum ka jingkyanjang ka jaka ka long kumne harum.



Ka rukom bet symbai ha ki lain

Ka jingkyngjang/ ki symbai	Jingngai na kawei ka lain ha kawei pat (cm)	Jingngai na u tynrai ha u tynrai (cm)
Haki jaka ba kynjang bha	40	20
Ba pdengka jingkyngjang	60	30
Ki symbai shnong (local)	30	15

Ki symbai ba met bhane ki hybrid ki donkam ka jingiar kaba kham heh ban ianujor bad ki wei pat ki symbai shnong (local) ne ki composite.

Ka por thung (Sowing time):

Ka jingthung biang por ia u riwhadem ka long kaba kongsan bha khnang ban pyniahap ha ki por ba kongsan jong u jingthung kata haba u dang san bha bad ha ka por syntiew. Watla ka por thung ka shong haka jingsdang jong ka aiom slap, hynrei ialeh ban thung ia u symbai haka por ba lah buh:

Naka bynta ki jaka kiba kham kynjang : Ba sdang u bnai Lber haduh ba kut u Bnai laiong

Naka bynta ki jaka kiba pdeng bad ha them : Ba sdang/ hapdeng u bnai Rymphang haduh ba kut u bnai Jymmang

Ka jingdonkam sboh (Manure and fertiliser):

Nalor ka jingmih kaba biang ka long kaba donkam ban pynbha ia ka khyndew da jingpynbiang sboh khnang ba kan lah ba kyrshania ka lawei. Pyndonkam ia ka sboh jingri kumba 5-10 t/ha bad ber iaka kumba shi taiew lane ar taiew shuwa ban thung. Ban ioh ia u riwhadem u ba seisoh, ka jingpynbiang ia ka sboh dawai katkum ka jingdonkam hadien ba la test ia ka khyndew ka dei



Ka rukom pynkhreh ia ki nur ban ai sboh bad shun

ban long 80:60:40kg N, P₂O₅ bad K₂O/ha ban thung iaki symbai hybrid bad composite. Hynrei ka jingdonkam na ka bynta ki symbai na shnong kadei ban long 60: 40:40 N, P₂O₅ bad K₂O/ha. Shiteng ia ka jingdonkam ia ka sboh dawai Nitrogen bad baroh ka Phosphorus bad Potash dei ban ai haka por ba thung. Bad ia ka ba sah dei ban phiah ha ki ar bynta, kata ha ka por ba u jingthung u la kot ka ryenieng ha khohsiew kata hadien 3-4 taiew hadien ba la dep thung bad kaba ar kadei ha shuwa ba un mih syntiew.

Ka jingpynbha ia ka jinglong jingman ka khyndew (Soil Amendment):

Ka khyndew ha ka thain lam mihngi jong ka ri India kyllum ka long kaba lam jew ne acid namar kata donkam ban pynbha ia ka da kaba ber shun lane ka shun kaba mih na ki karkhana shna paper ha ka jingthew kumba 2 ton ha shi

hektar bad 2-3 taiew shuwa ban thung. ĩa ka shun dei ban milai bha bad ka khyndew ha ka por lur khnang ba u jingthung un suk ban kjitia ki jingbam na ka khyndew. ĩa ka shun dei ban ber ha man ka lai snem.

Ka jingpynkhuid űiut (Interculture and weed control):

ĩaleh ban pyllait ĩa u jingthung naki űiut ki űier haduh kumba 35 sngi ei ei hadien ba la dep thung, namar kadei ka por kaba kongsan tam ha kaba iadei bad ka jingpynkhuid űiut ha u ne u jingthung. Ha kane ka por dei ban pynkhuid bha ĩa u űiut bad donkam ban aishoi khnang ba u jingthung un ieng bha. Lada pynslem ĩaka jingpynkhuid palat ĩa kane ka por, ka lah ban ktah ĩa ka jingmih na u jingthung. Lada pyndonkam dawai pyniap űiut kum da ka Atrazine lane ka Simazine (kine ki dawai dei ban synreit ha shuwa ba u jingthung ne űiutun mih) kumba 2 kg a.i. ha shi hektar ka jaka la shem ba ka iarap shibun. Lada pyntreikam kyllum ĩa ki lad kiba bun, lah ban pyndonkam ĩa ka dawai Atrazine ne Simazine haka jingthew kaba 1 kg a.i. ha shi hektar ka jaka haka por thung bad ruh rynkat bad ka jingthiew űiut da ka kti shisien bad sa pynbud da ka jingai shoi ne ai khyndew ha ka por ba u jingthung u dang ha rynieng khohsiew.

Ka rukom thung khleh (ha ki laiű) ĩaki jingthung (Inter-cropping System):

Pyntreikam ĩa kane ka rukom rep ban kham iohnong da kaba thung lang u riewhadem kumne ba la batai, riewhadem + mator, riewhadem + rymbai ktung (2:2), riewhadem + dai űong (1:1), riewhadem + shana budam (2:2) bad riewhadem + rymbai ja. Ka jingreplang ĩa u riewhadem lem bad u shana badam la shem ba ka long kaba pyniohnong shibun haba ĩanujor bad kiwei ki jingthung ne haba thung la ka jong.



Riewhadem ba thung lang bad rymbai ktung ha ki laiű

Ka jingiadana ki khűiang bad jingpang (Crop protection):

Pyntreikam ĩa ki lad ki rukom bapher bapher ban iada na ki khűiang bad jingpang.

U Puit (Field Cricket): La jushem ba u puit u ju pynjulor ĩaki jingthung kiba dang khreh khie lung. Ki ju ot na ki tynrai jong ki jingthung kiba dang lung bad kane ka lah ban pynjulor lut ĩa ki jingthung ha ka lyngkha baroh kawei. Lah ban pyndonkam da ka Carbofuran 3 G granule (Phorate) ha ka por ba sdang ka jingpynjulor.

U űiang sam thliew (Stem borer):

U dei uwei na ki jait khűiang ba pynjulor bha ha ka rep riewhadem. Ki ksaiű jong une u khűiang u bam shuwa ĩa u sla nangta pat u sa samthliew sha u thning. Ka jingpynjulor kaba jur ka long ba u sam thliew lut ĩa kamet jong u

riewhadem bad hadien u jingthung u sdang tyrkhong. Ia u ne u khñiang lah ban pyniap da kaba ber da ka dawai Carbofuran lane Phorate granules @ 1-2 gram haman u tynrai kumba 30-40 sngi ei ei hadien ba la dep thung. U niangsam thliw ha u riewhadem

Ñiang sam thliw ha u riewhadem (Cob borer): Une u khñiang u ksam bad pynsnew ãa u riewhadem. Ban iada na une u jait khñiang dei ban synreit daka dawai Endosulphan 0.07% lane da ka Monocrotophos 0.05% hadien kumba 80-90 sngi ba la dep thung.



U niangsam thliw ha u riewhadem

Ki jingpang:

Ki jingpang thoh rongktieh, jingpang jngem um, jingsop pring, jingpang sarang ha ki sla bad jingpang thoh sla (Brown spot, downy mildew, head smut, leaf rust and leaf blight) : Barabor pyndonkam da u symbai u ba lah dep ioh jingsumar lane ba la dep khleh dawai kum da ka Thiram lane Captan @ 4 gm/kg u symbai bad ban peit bniah ãa ka jingjngem dei ban weng noh shi syndon. Ban lait na kine ki jingpang dei ban thung ki symbai ba lah ban iaishah ia ka jingpang bad ban thung biang por.

Ka rukom kheit bad hadien ba la dep kheit (Harvest and post harvest technology):

Ïa u jingthung dei ban kheit haka por ba ki symbol ki lah ãan tyrkhong (ka jingdon um ne jingsngem ha u symbol kaba 20-25%). Hadien ba la kheit ia u riewhadem dei ban thad sngi ban pyntyrykhong bha ha shuwa ban khoh ãa u. Ïa u riewhadem ba dang jymgam ruh lah ban kheit bad bam da kaba syang ha ka ding.

Dei ban khoh ãa ki symbol riewhadem hadien ba la pyntyrykhong bha da kaba pyndonkam ãa ka tiar (maize sheller) ba la shna kyrpang da ka ICAR Research Complex for NEH Region, Umiam, khnang ban kloï ka kam bad pynduna ia ka jinglut. Ialah ban buh bha ãa u riewhadem ba la khoh hakajaka kaba rkhiang bha bad thep ãa u ha ka jingshna kyrpang kaba khot ka Pusa Bin khnang ban iada na kajingbam khñiang badha kane lah ruh ban ber da ki dawai kuli Salphos.

La thoh bad pynmih da:

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