



Badam chin dan

(Cultivation method of Groundnut)

Badam (*Arachis hypogea* L.) hi kan ram thlai a ni lova, tunhnu a ram dang atanga thlai kan lakluh zing ami a ni. Badam hi kan ramah a tha duh hle tih finfiah a ni tawh a, Buh leh thlai dangte nen pawh hlawhtling taka chin pawlh theih a ni. Hriak a pai tam hle a, 44-50 % lai hriak a pai a, chawhmeh kan nan leh ei leh in siam pawlh atan hman a ni. India hmarchhak ah hian hectare sang chuang laia zauah chin a ni. a thar hlawk zawng pawh 1000 kg/ha lai a ni a, national average (924 kg/ha) aini a sang daih a ni. Fur laia chin thin a ni a, thlasik lai pawhin hlawhtling taka chin theih a ni. Badam thar hlawk zawng pawh hi 25-30 q/ha lai a tling thei hial a ni.

Variety (a chi tha)

Variety tha chin a pawimawh hle mai a, hmun hrang hrangah enchhinna neih a ni tawh a, a thar hma leh thar tlai chi te, a mu lian leh te deuh chi te, a kung buk chi (Bunch type) leh a zam chi (spreading type) te a awm a ni. Mizoram leilung ah chuan eng Badam chi pawh hi hlawhtling taka chin theih deuh vek a ni a, enchhin tawh te chu Spreading type ah – NRCG 3209, NRCG 6556 leh NRCG 3174 te, Bunch type ah chuan – ICGV 87187, RCG 3, NRCG 5453, ICGS 76, ICGV 91114 leh NRCG 6346 te a tha a ni.

Leilung duh zawng

Badam hi leilung chi hrang hrangah chin theih a ni a, Balu lei awm tamna, sawntlung lei lam deuh, lei thawl deuh tui tlin theih lohna, tawih dur (organic matter) awm tamna ah te a tha duh bik a ni. Mizoram hmun hrang hrang, Tlang sang, Phaizawl leh Terrace ah te tha takin chin theih a ni. A chi tha taka a to theih nan leh a thar hlawk nan leilung phut tha taka leh a ngai a, lei hi vawi 2 tal, a thuk zawng pawh inchies 8 lai a thuk a leh chhuah tur a ni, tui tlin loh nan level tha taka siam leh vek tur a ni. Bawngkek leh tawih dur pawlh theih dawn chuan Badam chin hma ni 20 ah tal lo lehpawlh hmasak a tha.

Chinai thi pawlh (Liming)

Chinai thi pek tur neih chuan a tangkai hle mai a, leilung a titha a, Badamin an thatpui duh hle a ni. chinai thi hi thlai chin hma kar 2 velah lo theh lawk tur a ni a, lei a timur tha a, Badam mamawh calcium a pe a, leithur a ti neutral a, a thar hlawk phah thin a ni. Chinai hi a awm theih chuan hectare 1 ah tone 2 hisap a pek tur a ni a, a thlur a phul tur a nih chuan chinai thi kg 500 hi hectare 1 atan a tawh.

A chin dan

Badam hi a bi leh lane mumal tak nei a chin a hlawk duh ber a, a bi inhlat dan azirin a chi mamawh zat pawh hi a inang lo thei a ni. Badam buk chi ah chuan a bi inhlat zawng hi 30cmX10cm a tawh a, a chi pawh 100-110 kg /ha a tawh. A zam chi ah chuan a bi inhlat zawng 30cmX15cm a tawh a, a chi mamawh zat pawh 95-100 kg/ha a tawh.

A hun taka chin hi a pawimawh hle mai a, fur laia chin dawn chuan May thla tawp atanga June thla tir inkarah chin a tha a, a thar rang chi chin dawn chuan July thla tir ah pawh a chin theih a ni. Badam chi hi chin dawn ni 2/3 ah chauh kheh tur a ni a, kheh sa a rei tak dah chuan natna laka an him loh mai bakah a chi a to tha lo duh bik a ni.

Leitha pek dan

Badam chinna leilung a zirin leitha pek ngai zat hi a inang lo thei hle mai a, lei thatna hmunah chuan leitha pek loh pawhin an tha thei a, hmun thenkhatah erawh chuan leitha pek loh chuan Badam a thar hlawk lo

thei a ni. Ek dur lam eng pawh kan pe a nih chuan tawih tha tak, lei tha a chang tawh a ni tur a ni a, ek dur tawih tha lo (undecompost) anih chuan Tlumpi a ko a, thlai an chhiatphah hlah thei a ni. Tawih dur (FYM) hi hectare 1 atan tone 10 awm thei se a tha tawh hle a ni.

Fertilizer kan pek dawn chuan Badam te hian an mamawh tam lo a, Nitrogen, Phosphorus leh Potassium te hi an mamawh tam zual te a ni a, NPK chu 20 kg N, 60 kg P leh 40 kg K a tawh a ni. Fertilizer te hi Badam chin ruala pek vek tur a ni a, NPK hi Urea, DAP leh MOP hmang a pek tur a ni. NPK leh chinai thi hman pawlh hian nasa takin Badam thar a tihlawk thei a ni. Nitrogen hi Badamin boruak atanga an hmuh ve theih avangin an mamawh tlem zual a, phosphorus hi Mizoram leilung ah hian a awm tlem a, mahse thlai zung ti chaktu anih avangin an pawimawh hle a, Potassium hi leilungah a awm nual a, pek belh tam a ngai lova, thlai tichheltu leh natna do chak tirtu a ni.

Biofertilizer hrang hrang Rhizobium leh Phosphate solubilizing microbes (PSM) ang te hi hman theih chuan an tangkai pui thei hle bawh.

Thlai dang nen chin pawlh (cropping system)

Badam hi thlai dang karah pawh hlawhtling taka chin pawlh theih a ni a, Buh leh Vaimim nena chin karthlak (intercrop) ang pawhin hlawk zawkin thlai dang nen a chin pawlh theih a, hlawhtling takin thlai dang nen a rualin a thar teuh theih a ni. Badam chinna hmunah chuan thlai dang tha takin a chin theih a, hei hi leitha tam tak an hnutchhiah thin vang a ni.

Tui pek (Irrigation)

Badam te hian tui an mamawh tam lo a, fur lai phei chuan tui pek a ngai lova, a zung thlak laia khua a kheng viau a nih erawh chuan tui pek ngei a tha a ni. Thlasik laia Badam kan ching anih chuan thlai mamawh dan ang zel a tui pek a ngai thung a ni.

Hlo thlawh (weeding)

Fur ruahtui tam laia chin anih tlangpui avangin hnim a to tha duh hle a, Badam chin atanga ni 50 chhung hi chu fai takin siam thei ila a tha hle a, a hnu lamah erawh chuan Badam hnah te hian hnim an dip ral ve tawh a, harsa lo takin a enkawl theih tawh a ni. Heng Herbicides Pendimethalin leh Butachlor (10ml/litre of water) ang te hi Badam chin atanga ni 3 chhungin, hnim lo to leh hmain kap thei ila, a tangkai hle a, thlawh ngai mang lovin a enkawl theih a ni.

Lei khuh hnawn (Mulching)

Thlasik chho a Badam ching tan lei khuh hnawn hi a tangkai em em a, a khuh nan hian Buh pawl leh huan hnawm hnawk te leh Polythene mulch te a hman theih a ni. Polythene mulch hmanga lei khuh hian lei a vawng hnawng a, hnim to tur a veng a, lei a khuh avangin a tilum deuh bawh a, Badamin an ngeih em em a ni.

Thlai venhimna lam (Plant protection)

A hnah natna Tikka disease hi a awm ve thin a, Bavistin a kah (tui 1 litre ah 1 g) a tha hle a, chin atanga ni 50 vel atanga kah zeuh zeuh a tha a ni. Tin, a zung eichhetu rannung (root grub) ven nan Carbofuran leilung buatsaih lain theh a tangkai hle bawh.

A seng (Harvesting)

Badam hi a variety a zirin a seng hun hi a inang lo thei a, ni 120 a seng theih a awm a, a then chu ni 100 ah te a seng theih bawh a ni. A seng hun ah chuan a hnah a lo eng deuh a, a hnah a tla ve deuh bawh a, a Badam chi han kheh ila a kawr a lo chang tawh em em a, a chi leh a kawr a lak hran theih tawh bawh a ni. Badam chu a kung chawpin pawh phawi tur a ni a, a zung ami a rah awm te chu mal tawh mai tur a ni.

Dahthat dan (storage)

Badam kung chu kan pawh phawi tawh chuan a chi chu mal thlak vek tur a ni a, tihfai a, hmun rualrem takah Ni sa hnuaiah pho tawh mai tur a ni. Ni sa ah phoro tawh chuan hralh theih turin Polythene ah tha taka dah that tawh mai tur a ni. Amaherawhchu, a chi atana kan dah dawn erawh chuan Ni sa hnuaiah pho hauh loh tur a ni a, a kung kan pawh phawi kha mal mai lovin kan tawn khawm ang a, a bul lam chu chung lam hawi tirin daihlim ah dah ro tur a ni a, a ro vek hunah kan mal ang a, polythene bag ah dah that tawh mai tur a ni.

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