

KIWIFRUIT

Scientific Name: *Actinidia deliciosa*

Common Name: Kiwifruit, Chinese gooseberry.

Sik leh sa leh leilung duhzawng:

Kiwi thei hian thlasik lai chuan boruak vawt tak darkar 400-800 chhung 7⁰C hnuai lam a mamawh a, nipuiah erawhchuan khawlum a tuar thei hle thung. India ramah chuan tuipui zawl atanga 800-1500m ah hlawhtling takin a chin theih a. Ruahtui kum 1 a 150cm rual taka a in semdarhna hmunah a tha duh hle. Kiwi thei hi a hnah len avang leh a than duan avangin thli a do theilo hle a thli tamna hmunah chuan thli dal siam a ngai thin.

Eng leiah pawh a chin theih a, mahse tlaklei aiin lei thawl leh dur thatna hmunah atha duh zawk, lei hnawng reng a mamawh nain tui tling a ngai theilo. Lei thur leh al lam tehna 6.5pH a ngeih tawk hle.

A chi hrang hrangte:

1. A nu(Female):

Hayward: A rah a lianin a bial a, thlasik vawhna hmunah a tha duh bik. A rim a tuiin ascorbic acid leh thlum a pai hnem bik bawk. Khawvela chin lar ber pakhat a ni a, a dahthat rei theih bawk.

Bruno: A thar hnem thei hle a, a rah a zumin hmula ngah a, ram lum a ngam deuh.

Abbot/Allison: An pahnih hian an inang hle a, a rah asawlin hmula ngah hle a, a thar hmain a rah a thlum hle.

Monty: A rah hnem thei hle a, a chang chuan suat then te pawh angai hial thin. A rah sawl deuh a, a lian vaklo a thlum dan pawh atwk hle.

2. A pa (Male):

Matua leh Tamuri.

A tihpun dan:

1. **A tang vih phun:** Hetiang a tihpun hi a lar hle a, a awlsam ber bawk. A tang kum 2 aia naupanglo pencil tiat vel 15-30 cm a sei, mit 3 vel zing deuh hlek a nei hi vih phun atan chuan an thlang tlangpui. A tang bul lam emaw a laihawl a mi hi vih phun atan thlan thin tur, a tang ler lam vih phun erawh zung a kaih tha duh lo hle. Kan vih phun hnuah a ler lam chu tui a luhloh nan leh a ro zel loh nan polythene a tuam emaw mombati (wax) hnawih tur a ni. A vihphun hun tha ber chu January – Febuary a ni.

Nursery bed-ah emaw Polybag-ah Bawngek lei tha ,Balu lei leh lei chunglang hang tha 1:1:1 a chawhpawlh vihphun tur a ni. A chung zar sak ngei bawk tur a ni a, a hnawng tawk chauh a tui pek reng tur a ni a, amaherawh chu a inthlihul tha tur a ni. Hnim a to lo bawk tur ani.

2. **A chi :** A chi hi kui tiah a har avang leh a tiak chhunte pawh a dam chhuah loh thin avangin a lar vaklo.
3. **A mit zawm (budding):** A tiak neih harsat a vangin a lar lo hle a, pencil tiat vel alian anihin a mit an phum thin. Febuary thla lai hawl vel hi budding tihna hun tha ber a ni.
4. **Grafting :** Jan – Feb hi grafting hun tha ber a ni.

A Phun:

Ram awihtlan deuh hi a chin nan a tha ber a, tlem a awih deuhah chuan terrace laih te pawh a tha. Thlai kumhlun a nih avangin a leilung buatsaih hi uluk hle tur a ni, a theih chuan khur laih ngei a tha, bawngekleitha leh leichunglang hang tha a December hma ngei a hnawhkhah leh tur a ni. January thla hi phunsawn hun tha ber ani. Nursery a a awm laia leiseh chin aia thuk phun loh tur a ni a, nghet tak a phun tur ani.

A phun inkar hlat lam hi a zamna tur kan siam dan a zir in a danglam, T- bar system 4m x 5-6m. Pergola system 4m x 6m. a nu leh pa kung a awm hran vangin anu kung 6-8 ah a pa kung 1 zel phun tel ve tur. A pa kung a that chuan a rah pawh alian tha thin, amaherawhchu a pa hian hmun 9 a then a hmun 1 (1/9th) bak hmuna chang tur a ni lo, chuvangin a pa hi cut uluk a ngai hle.

Pollination:

A nu leh pa awm hrang anih avangin inthlahpawlh tir a ngaia, thlahpawlh tir loh chuan a rah alian tha theilo a ni. A rah len leh tet lam hi a chi tam leh tlemah a inghat thui hle, dan naranin inthlahpawlh tir chuan a chi 1000-1400 a awm lain thlahpawlh tir loh chuan 50-100 vel chauh a awm. A pa par hnu ni 2-3 ah a pa chi (pollen) hmantlak in awm a, ni 2 emaw chauh a dam a, chu mi chung chuan thlahpawlh tir tur a ni, a nih loh chuan a pa chi chu reilo teah a thi leh mai a, a nu par erawh chu a par chung zawng in a pa chi chu a dawngsawng thei a ni.

Inthlahpawlh tir tur hian kut pawhin a tih theih a, mahse chin tamna hmunah chuan kut a tihsen anih loh vawng in khuai hman a ngai thin. Ha 1 vel a zauah khuai 3-4 vel a tawk tlangpui.

Training:

Kiwi thei chinnaah hian training hi a pawimawh hle a, a tangte vil ngun an ngai hle ani. A tum ber chu kungpui khauh tha tak a neih nan leh a rah chhuah tur zar tha tak aneih theih nan a ni. Tin, a zar tin ten ni eng tha tak a hmuh kim theih nan a tangkai hle. Single wire system, T-bar leh Pergola system te hi an hman tlangpui chu ani.

Pruning:

Pruning hi Kiwi thei enkawlna zinga pawimawh ber pakhat a ni. A phun kum atangin pruning a ngai nghal a, a kung than hunlai a nih avangin fimkhur a ngai hle, a kung bul velah tam tak an lo chawr ve thin a chung zawng zawng chu paih vek a, a kungpui chiah zuah tur ani a, a chawr dang leh a pengte chu an thang duah tha duh hle a, tanchhum vat loh chuan a kungpui chaw ei tur ei zawh sak in a kungpui zawk chuan a thih phah thei thin a ni. A lo char ve satliah kungpui anga hman anih chuan a rah har mai bakah rah a chhuah tlem bik. A kung chu a zamna a thlen hma loh chu banah phuar a a ngil thei ang ber a hruai chhoh tur a ni. Ban vet zawng a zam tur pawh ven ngun hle tur. A zamna a thlen ve leh a pengte chu zuaha hmun hrang hrang a zam darh tir tur, heng a hruai zam darhte pawh hian a zamna thirzaite hi an vet tur a ni lo, ngil taka khalh phei a tawn beh zel tur ani.

Summer pruning hi June-July velah an ti tlangpui a, ruahtui tam lai a nih avangin a thanduah hunlai a ni. A zar tangkailo duah tha si, a mit (bud) khat leh a hmawr vial deuh ho te hian rah an chhuahloh tlangpui avangin a zar bul lam 1 ft vela sangah tan chhum zel tur a ni. A rah theilo zar zawng zawngte chu tan chum vek tur. Pruning tih laia hriatreng tur chu a zar zawng zawng a zamnaah rual tak in a inphanin, a rah ten ni eng an hmu tha theuh tur a ni.

Winter pruning chu a hnah tlak kawlh lai (dormant season) January- February thlaah a huna, a rah tha tur zar thla hunlai ani a, a zar thlante chu 14-15 inches a inhlat a dah a tha, a hnah awmlah lai anih avangin a zarte chu an hawilam tur a remfel hun a ni bawk. A rah tawhnaah a rah nawn tawh loh avangin a mit 8 vel zuah a, tan tur a ni. Chung a mit zuah atang chuan a rahna tur zar alo chawr dawn a ni. A rah thei tur zar hriat theih dan chu a mit a lian in a zing hle a, azam thui lo a, a hmawr a vial vaklo bawk. A pa kung chu cut a ngai tlem deuh a, a zar dang ti chhe tur ven a ngai, a pa hian hmun 1/9th aia zau a khuh tur a ni lo.

Tuipek:

Kiwi hian tui a mamawh hnem hle a, amaherawhchu tui tling a ngaitheilo hle, nipui lai pawhin ruah a sur khat deuh chuan pek an ngai fo thin. September leh October thla ah te hian a rah in siam lai anih avangin tui a mamawh hle.

Leitha:

Kiwifruit hian a upat dan a zirte, a leilung zirte in leitha mamawh dan a danglam. A tlangpuiin kum 1 ah kung 1-in 20kg FYM, 0.5kg NPK mixture (15%N) a mamawh a, kum 5 a thlin hnuah chuan hetiang hian pek tawh tur ani:- kumtin 850-900g N, 500-600g P, 800-900g K leh bawngkleitha theih ang a tam pek thin tur. Nitrogen-te hi hmun 2 a then vawi 2 pek a hman thin tur a ni a, a vawi 1 na chu January- February-ah a chanve dang leh chu April-May ah pek leh tur ani. Leithate chu a kung naupan lai chuan a kung bulah a kualin pek thin tur a ni a, a puitlin tawh hnuah erawh chuan a huan pumpuiah thehdarh thin tur, leitha pek zawh vele hian tui pek nghal zel tur ani bawk ang.

A seng leh dahthat:

Kiwifruit te hi kum 4-5 atangin an rah tan chauh a, kum 7-8 vel atangin a thar hlawk tan thin. A tlangpuiin hmun sangah an thar tlai deuh a, hmun hniam lamah an thar hma deuh zawk thin. A rah te hi awlsam takin a hnunah a tuaichhum theih mai a, seng tlai hian a dahthat rei theih thin loh. A rah sengte chu puan in a hmul an hrufai leh thin. A tlangpuiin kung 1 atangin 50-100kg vel a thar thei thin. A zamna tha taka siam chuan kum 7 hnu chuan ha 1 ah 25 Ton vel a thar thei.

Kiwifruit te hi an dahthat rei theih hle a hmun vawt deuhah phei chuan chawlhkar 8 chhungte pawh chhe loin a dah theih.

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