

TOMATO CHIN DAWNA HRIATTUR PAWIMAWH TE

Tomato hi thlai pawimawh tak leh chin uar pawk tak a ni. Vegetable soup ah te, salad ahte, pickle ah te, catch up, puree leh sauce angte in an siam chhuak nasa hle. Vitamin A, B leh C te a pai avangin mihring tan chuan a pawimawh hle a ni.

A tobul : Tropical America ah Tomato hi chin tan a ni.

Sik leh sa mamawh dan :

Boruak lum lutuk lo, vawt lutuk lem lo 15-27⁰ C temperature a chin chu duhthusam a ni. A par vul lai leh a rah insiam laia ruah tui a tam lutuk chuan a thar tlem phah thei a ni.

Leilung mamawh :

Lei chi hrang hrangah a chin theih a, lei phur tha, dur dumah leh hang tha hi Tomato chin nan chuan duhthusam a ni. Vawi 4-5 lai uluk taka leh phut tur a ni.

A chi mamawh zat :

200 gm atanga 400gm chi hi Hectare khat (Tin 2^{1/2} hmun) atan chuan tawk tura ngaih a ni.

A chi lei chungchang a hian fimkhur a tul em em a. Govt. Ogranisation/Institution, Private Seed Company rintlak leh belhtlak te atang chauh a lei tur a ni.

A chi sawisak dan :

A chi chu natna hrik laka a him nan. Agrosan GN 3 gm emaw Bavistin 2 gm emaw Captan 2 gm emaw Thiram 2 gm a chi 1 kg ah chawhpawlh tur ani.

Leitha mamawh dan :

Bawngke emaw compost tih ang chi 25 ton (1ton = 10 qtls.) Hectare khat hmun atan a tawk. Thlai ten an mamawh em em Nitrogen (N), Phosphorous (P), Potassim (K) te hi 10 :80:60 Kg /Ha hi pek dan tur tlangpui a ni.

Nitrogen dose chanve leh Phosphorous, Potassium full dose te chu Tomato tiak kan phunsawn laiah pek tur a ni a. Nitrogen dose chanve la bang chu a in zat chiah in vawihnih pek a hman leh tur a ni ang. Phunsawn atanga ni 30 hnuah vawikhat pek a, a dang leh chu phunsawn atanga a ni 50-60 velah, a kung atangah 10-15 cm bial (Ring basin) hlat a pek tur a ni a. Leitha kan pek zawh apiangin tui kan pe thin tur a ni.

A chin hun :

Tlangram kan tihah te chuan nipui laia chin a ni deuh ber a (i.e Feb-June). Tlangram tih loh ah chuan thlasik laia chin chi a ni. (i.e. Sept-Dec.)

A thar tam zawnga teh chuan nipui laia chin chu a hlawk duh deuh zawk fo a ni. Green House/Polyhouse etc. ah te chuan Tomato hi kumtluan a chin theih a ni.

Phunsawn hun :

Nursery a Tomato chi kan kui tiah kha ni 25-30 ah chuan phunsawn tawh tur a ni a (10-15cm a sang a lo ni tawh ang). Thlai tiak te hi tlai lama phunsawn hi duhthusam a ni. Phunsawn veleh tui pek nghal bawk tur a ni.

Phun hlat dan tur : A thlur inkar hlat zawng chu 45 cm-60 cm leh a bi kar hlat lam chu 45 cm (1 1/2 ft.) a ni tur a ni.

Hlo thlawh :

Vawi hnih/khat tal kan thlo fai tur ani. Phunsawn atanga ni 45 velah a vawikhat nan thlawhfai a, a vawihnihna chu a par hma deuh a thlawh fai leh tur a ni.

Staking :

Hlawkzawka a Tomato kan thar theih nan mau hmangin emaw thirzai (wire) hmanga a zamna tur emaw ngul siam tur ani.

A zar/peng hlawi hun :

A tlangpuiin a kungpui atnga peng/zar hnih chin chauh zuah tur. Hemi peng/zar baka a zar dang awm reng reng chu thlen fai vek tur ani. Phunsawn atanga ni 25-35 atang chuan kartin thenfai thin tur a ni. Tin, a bul lama rawn peng/zar reng reng leh chawrte chu thlenfai thin tur a ni.

A hnah ro emaw upa tawh te thenfai :

Phunsawn atanga ni 70 atang chuan hnah ro tawh te leh upa tawh te chu thenfai tur a ni. (Hei hi a zik atanga teh a 5 ft vel chauh zuah tur tihna a ni.)

A seng hun leh a thar zat :

Tomato hi a tlangpuiin phunsawn ni atanga ni 70-80 velah chuan a rah a lawh theih tawh a. Ni 150-160 thleng chuan kar tin a rah lawh tur a awm reng tawh thin a ni. Tomato kan thar te chu hmun daihlim deuh nisa in a em/chhun lohna hmuhah dah that thin tur a ni.

Tomato hi a tlangpuiin Hectare khat (Tin 2 1/2 hmun) hmun ah chuan 400-500 quintal te a thar thei ani.

Tomato natna leh rannung eichhetu langsar deuhthe leh a ven/enkawldan :

A. Tomato natna :

1) Damping off : Thlai naupang deuh te hi lei seh chinah an lo tawih a, an dam chhuak a nih pawhah a pisil a an tha chhuak har hle. He natna hi nursery ah te a hluar hle a ni, enkawldan tur a ni.

A enkawldan :

(a) Carbendazim 2gm/m² emaw Bavistin 2gm/m² emaw Captan 2gm/m² tui litre khata chawhpawlha nursery buatsaih lai leih/kah tur.

(b) Folmeldehyde 2 % tuiin nursery chu ngun taka laih tur a ni. 1% Bordeaux mixture emaw coppe fungicides (Blitore, Bavistin etc.) hmanga phun sawn atanga ni 10-15 ah kah tur.

2. Late blight & early blight :

Tomato hnahah te chuan durh/tawih ang deuh in a awm thin. Late blight an tihah chuan te reuh te te in a hnah a chuan a uk dal deuh in a val thin. Tin early blight ah erawh chuan te reuh te te a val chu a kual lian tial tial, a hnah te, a zar te chu a engin, a ro a, a kungin a thih phah thin a ni.

A enkawldan :

(a) Mancozeb 2gm emaw Ridomil 2mg tui litre khat nen chawhpawlha kah tur a ni.

3. Powdery mildew :

Vutbuak natna, a hnah leh a kung a bawm thin. He natna hi a tirah chuan te reuh te in a hnah hnuai lam a rawn var a, tichuan a val lian deuh a, a hnah zawng zawng chu a rawn vutbuak var te vek thin a ni. A hnah te chu a tla kawlh ta thin a ni. He natna hi khawvawt emaw lum lutuk humidity sang (uap) lutuk ah a hluar in a darh chak bik a ni.

A enkawldan :

(a) Sulphur dust 3gm emaw Dithane M-45/Mancozeb 2g litre khat tur nen a chawhpawlha kah tur.

(b) Bordeaux mixture 1% a kah tur ani.

Tomato eichhetu rannung :

1) Fruit borer : Hei hi Tomato rah bawmtu pangang hring ani. A rah a verh a hralh tlak lo leh ei tlak lohah a siam thin.

A Enkawldan :

1) Malathon 3 ml emaw endoculphan 2.5 ml tui litre khat nen chawhpawlha ni 10-15 danah kah tur (tomato hi kah atanga ni 7-10 chhung chu ei lo reng reng tur).

2) Leaf eating beetle : Hei hi rannung te tak te sephung ang deuh a nia, a hnah a eichhe tu a ni.

A Enkawldan :

1) Malathon 3ml (far 3) emaw Endosulphan 2.5ml tui litre khat nen pawlh a kah tur.

2) Rogor/ Dimethoate 30 EC, 2ml tui litre khat nen pawlh a kah tur.

3) Mealy bug : Hei hi rannung te tak te, sen dang deuh a ni. A hnah hnuai lama leh a kungah te a bawm thin.

A enkawldan :

Malathon 50EC, 2ml (far 2) emaw Rogor 30EC, 2ml emaw Endosulphan 2 ml tui litre khat nen chawhpawlha kah tur a ni.

KRISHI VIGYAN KENDRA KHAWZAWL: CHAMPHAI DISTRICT, MIZORAM

kvkchawzawl@gmail.com



TOMATO CHIN DAWNA HRIAT TUR PAWIMAWHTE



Prepared by
Prakash Thapa
Msc(Hort), Farm Manager
KVK, Champhai District
Phone: 8974965644