

## **CAPSICUM (Hmarchapui) chin dawna hriattur pawimawhte :-**

Tlangramah chuan Hmarchapui (Capsicum) hi Green House/Poly House ahte chin ber a ni. Sum chang thlai pawimawh tak niin vitamin A, C leh minerals tam tak a pai ani.

A season lo laia low cost Green House/Poly House a chin atanga hlawkna chu a let 3-4 vel a ni.

**Sik leh sa leh leilung mamawh dan :** Capsicum hi thlasik thlai a ni a, Green House ah te erawh chuan kum thluana chin theih a ni. A than that a, a tharte a lo hlawk zawk theih nan 30° C temperature hnuailam a chin chi a ni, khawlum zawng 20-25°C vel hi duhthusam a ni. Capsicum hi leidur dumah a tha duh bera, ruatui tam lutukna hmuna chuan a rah hlawk lo.

**A chin hun :** A tlangpuiin Capsicum hi Nov-Dec. a kui a, Jan-Feb-ah phunsawn thin a ni.

**A chi mamawh zat :** 350 gm -650 gm hi Nursery ah hactare khat (Tin 2 1/2 hmun ) atana chi kui tura mamawh zat a ni.

### **Nursery buatsaih san :**

Nursery siamna tur hmun thlan thiam a pawimawh hle a, duhthusam ah chuan tui harsat lohna hmun ni thei se. Nursery siamna tur hmun chu wawi 2/ 3 lehphut hnuah lei hlawm lian deuh te vuak keh a, dip (fine) taka siam tur a ni. Lei leh phut chu 15- 20 cm a sanga lei hai pawngin a vang 1 m aia sei lo a dung chu a hmun awm dan a zirin (a tlangpuiin 4-5 m a sei) kan thlai chi kui tiahna hmun (seed bed) siam tur a ni. Seed bed kan siamah chuan bawngkek leitha 4 kg/m<sup>2</sup> (metre khat bialah bawngkek kg 4 zelin) chawhpawlh a hai rual leh tur a ni.

Note : Seed bed pakhat aia tam siam dawn chuan an inkar chu 30 cm tal a inhlat a ni tur a ni.

Thlai chi kan kui hmuna lei atanga natna awm thei laka thlai ven nan heng damdawi Formaldehyde/Formalin @ 2gm/m<sup>2</sup> emaw Dithane M-45 @ 3gm/m<sup>2</sup> emaw Bavistin @ 2gm/m<sup>2</sup> te hi lei ah chuan kah tur a ni. Hetianga kan tih zawh hian polythene/saiip a ni 2 (48 hrs) khuh leh thlap tur a ni. Hemi hnu hian lei chu ti thawl deuh a ni 3 emaw ni 4 vel khawih che lova dah hrih tur a ni.

Note : Thlai zung eichhetu rannung ven nan 5 % Malathion dust @ 20g/10m<sup>2</sup> chu leiah chawhpawlh tur a ni.

Kan seed bed chu tehfangw tha tak hmanga 5 cm dan zel a lane (row) siam tur ani. Thlai chi kan hman tur te chu damdawi Captan emaw Thiram gm 2 a thlai chi kg 1 ah

chawhpawlh tur a ni. Hemi zawh hian thlai chi chu a lane (row) ah thlak a chu chu bawngkek ro hrik dip leh lei chawhpawlh a pante a, hai vur leh tur a ni (a tlangpuiin 2-3 cm vel a pan ) .Thlai chi thlak zawh velah tui pek nghal tur a ni, phun sawn hma chu zing leh tlaiah tui pek thin tur a ni. Thlai chi thlak hnuah chuan buh pawl emaw balhla hnah emaw hnim emaw a ni 3-5 vel khuh hnan tur a ni( hei hi mulching a ni) . Hei hian thlai chi te chu a ti tiak hma bik a ni. Thlai chi a lo tiah velah heng kan khuh nate balhla hnah etc. te hi lak sawn tawh tur a ni.

Thlai tiak phun sawn hma ni 7 vel atang chuan tui pek tlem tial tial tur a ni. Phun sawn dawn ni ah chuan darkar 5 -6 chhung seed bed chu hnawng taka siam tur ani. Hetia kan tih hian a zung a him a, a tiak a hrisel bik a ni. Thlai tiakte chu kan kui atanga ni 25-30 a upa an lo nih in emaw 10-15cm a sang an nihin phunna tur kan ruahmanah chuan phun sawn tawh mai tur a ni.

Capsicum tiak te chu vur (frost) atanga a lo him nan 2-3 ft. a sanga polythene langtlang thei chi (U.V. flim emaw sarang pangngai etc.) khuh tur a ni ang.

### **Phunsawna hmun buatsaih dan :**

Buh seng tawhna hmun emaw, kan ram nei chhu bawngtuthlawh emaw khawl hmangin wawi 2/3 kanlet phut ang, 30 cm a sang, a vang 1 m leh a dung 5m in kan buatsaih ang.

**Leitha mamawh dan :** Bawngkek emaw hnim hnah i lo up tawih (compost) 15-20 tom (10 qtl=1ton) hectare khat hmun atan leilung buatsaih laia pek tur. Nitrogen, Phosphorus, Potassium mamawh dan chu a tlangpuiin 120 :80:60 kg ram hactare khat atan a tawh.

Nitrogen dose chanve leh Phosphorus, Potassium full dose chu phunsawn laia pek tur. Nitrogen la bang chu a inzat chiahin ni 30 hnuah leh ni 50-60 velah tlem lei hai thawla pek tur a ni. Tuipek nghal tura ni.

**Note:** Nitrogen, Phosphorus leh Potassium te hi Urea, D.A.P. leh M.O.P. atanga te a pek ngai chi a ni. M.P.K. mixture bazar ah leitur a awm bawh thin, leitha te hi ram leilung a zira pek thin tur a ni ang.

### **Capsicum natna leh rannung eichhetu langsar deuhte leh a ven/enkawldan :**

A. Capsicum natna

#### **1. Damping off :**

Thlai naupang deuh te hi lei seh chinah an lo tawih a, an dam chhuak a nih pawh a pisil a an tha chhuak har hle. He natna hi nursery ah te a hluar hle a ni, enkawl vat tur a ni.

#### A enkawldan :

(a) Carbendazim 2gm/m<sup>2</sup> emaw Bavistin 2gm/m<sup>2</sup> emaw Captan 2gm/m<sup>2</sup> tui litre khata chawhpawlh nursery buatsaih lai leih/kah tur.

(b) Folmeldehyde 2 % tuin 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. Anthracnose leh fruit rot :** He natna hi a tlangpuiin a rah hmin tawhah a lang chhuakin a rahah a rawn dum/hang val bik thin a ni. A nasat chuan a rah a til thin. A natna kha a kuangah kai chho zelin a zarah a kai chho a. Tichuan a ler atangin a bul lam panin a ro ta thin a ni. He natna hi ruatui tam laiin thli in a theh darh thin.

#### **Enkawldan :**

Mancozeb 2mg emaw, 1% Bordeaux mixture a wawi hnih/thum ni 8-10 danah kah thin tur.

### **B. Eichhetu rannung :**

**1. Thrips :** A hnah chawr no leh a par bawm a tui hip tu rannung te reuh te hi a ni. A hnah te chu alo kirin a parte a ti til thin. Virus natna te a thlen tir tlangpui a ni.

**2. Aphids :** Rannung te reuh te te a zik no laia bet khawm teuh thin hi a ni. Khua a hnawm a, chhun a zir tam deuh niin a pung chak hle. Virus natna thenkhat pu darh a ni bawh.

#### **Enkawldan :**

1) Dimethocata/Rogor 1 ml emaw Monocrotophos 1 ml emaw Carbofuran 3 gm tui litre khat nen chawhpawlh wawi hnih/vawithum ni 10-15 danah kah thin tur a ni.

#### **Phunsawn hun leh phun hlat zawng :**

Capsicum chi kan kui atanga ni 30-45 hma a phunsawn thei tawh ang. ( Hnah 4-6 a chawr hnu, 10-15 cm a sang a niin).

**Hlo thlawh :** Hlo chu wawi 2/3, kan thlaite a than chho laia thlawh thin tur.

Kan thlai chin kha a lo than duh nan a chinna leilung chu thawl tha tawh a ni tur ani.

**A zar/peng te hlawi hun :** Capsicum kung chu a zar/peng hi pali chauh awm tura zuah thin tur ani. Thenfai/paihfa hi a tlangpuiin phunsawn atanga ni 15-20 atanga tan thin a ni. Capsicum hian a tlangpuiin a hnah/kuang peng ngana atanga peng rukna (5<sup>th</sup>-6<sup>th</sup> node) ah zar hnih a chhuah thina. Chu chu hmun hnihah a peng leh thin. Hemi peng/zar kan sawibakhi chu paih zel tur a ni ang. Phunsawn atanga thlakhat vela a par reng chu zuah loh tur. Tin, a rah insiam tur te chu kuang khat a rah pakhat chuah awm tura zuah thin tur a ni.

**A thar zat :** Capsicum chu a tlangpuiin 100-150 quintal hectare khatah a thar theih a ni.

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**Enkaw dan :**

1) Dimethocata/Rogor 1 ml emaw Monocrotophos 1 ml emaw Carbofuran 3 gm tui litre khat nen chawhpawlha vawi hnih/vawithum ni 10-15 danah kah thin tur a ni.

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**A thar zat :** Capsicum chu a tlangpuiin 100-150 quintal hectare khatah a thar theih a ni.

## **KRISHI VIGYAN KENDRA**

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### **CAPSICUM (HMARCHAPUI) CHIN DAWNA**

#### **HRIAT TUR PAWIMAWHTE**



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