

A Thar Zat:

Bean thatna hmunah chuan tin hnih leh a chanve hmunah quintal 90-140 thleng a thar theih a ni.

Seng Nnua Enkaw Dan:

Bean hi thlai chhe hma tak a ni a, a rah lawh veleh hmun vawta dah hi a pawimawh em em a ni. Bean rah lawh velah a rah silfai a, a hmelmang mawi lo deuh leh natna kaite chu paih tur a ni. A rah dahthat tur chu temperature 5-7°C a dah in ni 20-25 lai a dah that theih a ni.



Natna leh Eichhetu Rannung Enkaw Dan:

1. Anthracnose:

Bean hnah a lo val/rau a, a rahte a tawih phah hial thin a ni.

A Enkaw Dan: Thlai chi hrisel tha chauh hman tur a ni a, hetianga bean hnah leh rah a lo awm chuan Sulfar fungicide - **Thiram** emaw **Dithane Z-78** leh Systematic fungicide - **Bavistin** gram 2 tui liter 1 a pawlh dal hnuah kah tur a ni.

2. Leaf spot:

A hnahah a bial emaw rual lo deuhin a dum a, a dum pawnah chuan rawng sen deuh a lo lang thin.

A enkaw dan: Copper fungicide gram 3-4 leh tui liter 1 chawhpawlh a kah emaw **Thiram** gram 2 leh tui liter 1 chawhpawlh a ni 12-15 dana kah thin tur a ni.

3. Rust:

Hei hi hmuar chi khat (fungus) in a thlen natna a ni a, bean hnah, a rah leh a kungte a bei thin. Bean hnah hnuailamah hmuh ber a ni thin a, rawng eng, uk leh a sen te in a rawn langchhuak thin.

A Enkaw Dan: Mancozeb gram 2 tui liter 1 a chawhpawlh a kah thin tur a ni.



4. Aphid:

Rannung te reuh te a ni a, a rah no, a hnah, etc. an zuk nasa thei hle. An tam pheih chuan a rah insiam laite an bei vaka bean than a ti thu in a thar hlawk theih loh a ni.

A Enkaw Dan: Chlorpyrifos ml 2 tui liter 1 a pawlh dal hnuah kah tur a ni.



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French Bean (Var. Zorin Bean) Chin leh Enkaw Dan
(Open Cultivation of French Bean Var. Zorin Bean)



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French Bean (Var. Zorin Bean)

Introduction:

French Bean hi be lam chi thlaiah chuan Mizoramah an chin uar berte zinga mi a ni a. Bean chin atanga a puitlin hun chhung hi hun a duh rei loh avangin kuthnathawktu ten reilote chhungin a hlawkna an tel thei a ni. Fur lai hian an ching bera, amaherawhchu tlangramah chuan tui pek tur a awm that chuan kumtluanin thlasik khawvawt lutuk lohna hmunah chuan a chin theih reng a ni. Thlai hrisel tak a ni a, Proteins, vitamins, minerals leh adangte kan hmuhna hnar tha tak a ni.

Sik leh Sa:

Mizoram sik leh sa leh leilung hi French Bean chin nan a tha em em a, khawlum lutuk leh vawt lutuk a chin loh tur a ni. Temperature **15-25°C** hi bean chin nana duhthusam a ni. Tin, tui tling an ngai thei lo bawk.

Lei Duhzawng:

Eng leiah pawh a chin theih a, tha taka thar tur chuan changtual leitha hmun; lei thur leh al lamah **pH 5.5-6.0** hi chin nana duhthusam a ni.

A Chi Sawngbawl:

Natna chi hrang hrang an kai awl hle a, tha taka thar tur chuan thlai chin hmain thlai chi 1kg hi **Trichoderma** 4g emaw thlai chi 1kg hi **Thiram** emaw **Carbendazim** a thlai chin hma **darkar 24** a nuai pawlh/chawhpawlh phawt tur a ni.

Leilung Sawngbawl Dan:

Bean zung tha taka a than theih nan lei **15cm** atanga **25cm** vela thuka tha taka leh phut tur a ni.

A Kar Hlat Zawng leh a Chi Ngai Zat:

Bean chi chu a tlar leh tlar inkar 60cm atanga 65cm leh, thlai bi inkar chu 10cm atanga 12cm inkar hlata tuh tur a ni. A chi hi 2cm atanga 3cm a thuka tuh tur a ni. Tin, tin hnih leh a chanve hmunah a chi hi 25kg atanga 30kg a mamawh a ni.

Chin Hun:

French bean hi kumtluana chin theih a ni a. A chin hun tlangpui chu June/July. Thlasikah chuan October/November leh Nipuih February/March thlaah an ching tlangpui.

Leitha Pek Dan:

Bean chinna tur hmun lei that dan azirin leitha mamawh dan hi a inang lo thluah a. Be lam chi thlai a nih avangin thlai dang aiin leitha a mamawh tam lo a; Bawngke 25t/ha leh NPK 40:50:40 kg/ha hi tin hnih leh a chanve hmuna pek tur a ni. Nitrogen pek tur zawng zawng chu hmunhniha thena hmunkhat leh Phosphorus leh Potassium pek tur zawng zawngte chu thlai chi thlak ruala pek tur a ni a, Nitrogen pek bang chu thlai chi thlak hnu thlakhatah pek leh tur a ni.

Bean kawm tha tak leh rah tha tak thar theih nan thlai chaw tenau heng Boron, Copper, Molybdenum, Zinc, Magnesium leh Manganese te hi 0.1% kah bawk tur a ni. Nitrogen hi tam lutuk pek hian a kung leh hnahah a chakna a kalral thin avangin a rah a insiam that loh phah thin a fimkhur taka pek tur a ni.

Hlo Thlawh:

Bean china hmun chu fai taka enkawl tur a ni a. A chi thlak atanga ni 20-25 leh ni 40-45 ah te a hnim dan a zirin thlawhfai thin tur a ni.

Tuipek:

A zung hi a thuk loh avangin vawikhatah tui tam lutuk pek loh tur a ni. Tin, lei ro lutuka dah loh bawk tur a ni. Bean kawm insiam lai leh a par hmaa a mamawh ang tui a hmuh loh chuan a thar thlengin a hlawk loh phah thin a, a rah ti piangsualin a hmelhmang a ti mawi lo thin a ni.

A Zamna Siam:

Tha taka thar tur chuan bean zam theih tan tirhin mau emaw thing emaw hmanrua remchang hmanga a zamna mumal taka siam tur a ni.



Seng Hun:

Bean variety a zirin a par atanga ni 7-12 hnuah a seng theih tlangpui a. A chi atana hman tur chu a kungah a chan thlenga zuah hnuah seng chauh tur a ni.

