

ALU CHIN DAN **(Cultivation method of Potato)** **(*Solanum tuberosum L.*)**

Alu chi thlan dan: A chi hrisel tha chauh thlan tur a ni a, natna kai leh a lan dan atang pawh a pangai lo chu hman loh tur a ni. Artui tiat vela lian thlan tur a ni a, 40-50 gram vela rit ni thei se, heng aia lian chu hmun 2/3 ah zai phelin a phel tin hian mit an nei ngei tur a ni.

Alu chi sawngbawl leh buatsaih dan: A chi atan chuan Alu hlui, kum hmasa lam ami hman tur a ni a, chhuatah daihlmah chap darh tur a ni. Ni eng hmu loin tha taka dah chawr phawt tur a ni a, a tawih leh chawr thei lo a awm chuan paih chhuah zel tur a ni. A chawr sei lutuk hma in chin tur a ni.

Alu chi hi damdawi a chiah tur a ni a, a bikin zai darh anih chuan Carbendazim emaw Dithane M45 (tui litre 1 ah fiante 1 pawlh hisapin) ah minute 20 tal chiah ngei tur a ni a, daihlmah darkar 24 chhung tal dah hul leh tur a ni, Zai hmuamhma lam chu dah zangthal vek tur a ni.

Alu chin hun: Nipui (summer) atan Alu chu March –April chhungin chin tur a ni a, Thlasik Alu atan chuan September – November thla ah chin tur a ni.

A leilung duh zawng: Alu hi leilung chi hrang hrang ah a chin theih a, lei tuifawm lam chi, balu lei deuh leh lei tak thatna, tui tlin lohna hmun a ni tur a ni. Tlak lei ban tui tling ah a tha thei lova, balu lei deuh lei tak thatna ah a tha duh ber.

A chinna tur leilung buatsaih dan: A chinna tur leilung chu ngun taka lehphut a, tihfai tur a ni. Tlangram a kan chin dawn chuan mual paivat zawng emaw a khang zawngin emaw Alu chinna tur pawng siam tur a ni a, Alu chinna tur vur pawn chu ft. 2 emaw ft.1.5 a sang leh ft. 1 a sang nise, vur pawn inkar hi ft. 1 emaw ft. chanve ni bawk se a tawk viau. Leilet hmun zawl zau ah chuan a pawng/bial hi ft. 6 a zau leh ft. 9 a sei nise, a inkar a thuk zawng hi ft.1 a zau a siam tur a ni.

Thlasik chho ah chuan a thlur pawng siam kher lo pawhin lei lehphut ah ngil takin a chin mai theih bawk. Hnim leh thingnah ro bial chhung a lakkhawm a hal nise, natna leh rannung lei a awm a kang hlum a, lei thurna pawh a tihnam thei a ni.

Leitha leh fertilizer pek dan: Bawngek leitha pek theih chuan hectare 1 ah ton 5-10 pek a tawk a, tin 1 hmunah chuan 2-4 tonnes a tawk tihna a ni. Alu chin hma kar 1 tal lei nen lo chawhpawlh lawk tur a ni. Fertilizer kan pek dawn chuan tin 2.5 hmun atan a tlangpuiin thlai chaw mamawh zat chu –

Urea – 130 kg/ha, DAP – 215 kg/ha, MOP 83 kg/ha a ni a, DAP leh MOP hi Alu chin dawnah Urea zatve nen chawhpawlh tur a ni a, Urea la bang zawng chu Alu rih vur hunah chawhpawlh leh tur a ni.

Alu chin dan: Alu chinna tur thlur siamsa ah chuan rin khuar zai zaiin ft. 1 emaw ft. chanve danah Alu chi chu dah zel a, lei a chhill leh tur a ni. Chinna tur hmun zawl zau ah chuan bial ah ft. 2 danah rinkhuarin tah chuan a chi lin tur a ni a, tin 1 hmunah 6-8 qtls vel a tawk a ni.

Alu chin lai enkawl dan: Alu kan chin atanga ni 45 chhung fai tha takin dah thei ila, a hnu lamah chuan Alu in a rawn dip ral tawh mai a ni. Alu to hlim chu 10-15cm vela sang a lo nih hunah a hnah lang chauhin rih vur tur a ni a, tha taka rih vur a pawimawh em em a ni.

Tui pek dan: Alu te hian an than that nan leh a thar hlawk zawk nan hnawng / tui an mamawh em em a, mahse tuitling an ngeih lo hle a ni. Ruahtui tlak dan azirin vawi 4-5 tui pek tur a ni a, a bul a tui pek a, a hnah tih huh loh a tha. Thlasik lai erawh chuan kan chinna leilung azirin ni 2/3 danah tui pek a ngai thin. Tui pek tur tam tawk nei lo tan chuan a hnuai tui mamawh zual hun laiah hian tui pek tur a ni –

1. A zung thlak tan tirh lai
2. Alu rawn insiam tan tirh lai
3. A kung leh a hnah than chhoh tan tirh lai
4. A seng hun dawnah

A ven himna lam:

1. **Potato tuber moth** (lungphur thlahtu chi khat)- he rannung hian Alu te hi Lo ah leh a dahthatna hmunah a khawih ve ve thin.
 - A ven dan – a chi hrisel tha chauh hman tur. Thuk deuh hlek a phum a, uluk taka rih vur thin leh tui a hun taka pekin a veng thei. Uluk takin a chinna hmun chu thenfai a, Alu chi hlui te leh hnim dang te then fai tur. A dahthatna hmunah chuan shillong tlangsam 2-3cm a chhahin dahthatna hmun chu khuh hnuah Alu

chu chap darh a, khuh nawn leh tur a ni. Fanghmir leh rannung dang laka ven nan neem oil cake a rih vur hma a phul tur a ni.

2. **Alu pul hri (Blight)** – Alu tawih natna hi a lar hle a, a venna chemical te hi a tawk lova, a hnuai ami ang hian enkawl tur a ni :-

- a) A tawih natna laka him chi kufri Giriraj, K. Megha, K. Jyoti leh K. Kanchan te chauh hman tur a ni.
- b) A chi dahthat dawn leh a chin dawnah a him tha chauh thlan tur.
- c) Alu chu uluk taka rih vur tur a ni.
- d) A hnah 75% chu natna in a khawih tawh chuan lei hrulah a kung tan a, ni 15 hnuah chawh tur.
- e) Late blight a lo awm dawn chuan 0.2% Mancozeb (2g leh tui litre 1 pawlh)in kah tur a ni. Ridomil nen inkar thlak a kah tur a ni. Ni 15 danah kah chhonzawm thin tur.

A seng hun: Alu hi ni 120-150 ah a seng theih a, seng a hun dawn hian a hnah leh a kung te a lo eng tan a, seng hun hma ni 15-20 velah a kung te lo eng tanin a kung chu lei hrulah tan tur a ni a, hei hian Alu chu a ti hmin tha a, a kawr a ti sak duh a, a dah that rei theih phah thin.

A thar theih zat: A chin hun leh a chi azirin a thar zat a danglam thei a, a tlangpuiin hectare 1 hmunah 200 qtls atanga 300 qtls a thar thei a ni.

Kan hrisel nana Alu ei tangkaina te:

- Alu ah hian Starch a tam em em a, kan hriselna atan a tangkai em em a ni.

- Alu hian antioxidant a pai tam hle a, vitamin leh mineral tam tak a pai a, vitamin C, B6 leh potassium te a pai bawk a, kan Lung hrisel nan leh kan chaw pai tinuamtu tangkai tak te an ni.

Hriat zau nan

- Alu hi America ram ah chuan vegetable zing a an ei tam ber a ni.
- Alu hi khawvel hmun tinah an ei nasa a, a thar chhuah a harsa lo a, a hrisel em em bawk a, chawhmeh tui tak a ni bawk.
- Alu hi South America ramah chuan kum singkhat kal ta daih tawh khan an lo ching tawh a hriat a ni. Spanish ho ten Europe ah an theh lar a, chuta tang chuan khawvel hmun tinah a lo lar ta a ni.

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