

BUH THAR RANG CHIN DAN

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Lo neitu thian duhtak te u, 'Buh thar rang chin dan' tih thu kan sawi dawn a, ngun taka lo ngaithla turin ka ngen duh che u a ni. Tin, buh thar rang chin dan han tihah chuan a china tur lo buatsaih lawk dan te, a chin hunte leh thil tul dangte kan theih chin chin kan sawi tel ang.

Buh thar rang han tih chuan 'Tai' kan tih ang ho hma taka thar theih tihna a ni mai a. Buh hi a thar ran leh thar tlai a zirin chi thum a then a ni ber a, thar rang leh thar tlai leh an inkar a mi a laihawl te an ni. Thar rang zingah pawh thar rang zual a awm a, chutiang chu Agriculture tawngah chuan 'Superfast variety' tih a ni a. Scientist te thiamna a sang zel a, tunah phei chuan ni 68 leh 70 vela thar theite pawh chin tur a awm ta. Amaherawhchu kan hriattur pakhat a awm, thlai reng reng a thar hma zual leh thar tlai zual hi a hlawk tak tak phak lo fova, chuvangin thil dang vang a nih loh chuan thar hma zual leh thar tlai zual te ai hian a inkar vel a mi hi thlang ila kan tifuh tlang zawk ang. Thil pakhat kan hriat tul tak a awm a, chu chu thar hlawk leh thar hlawk lo a ni. Buh thar rang leh thar tlai zingahte pawh khan a thar hlawk chi leh a thar hlawk lo chi an awm leh a, chuvangin thar rang leh thar hlawk kha kan rilru in tinzawn nghal sela a tha awm e.

Chutichuan buh thar rang ching tura kan hriat turte I han sawi dawn teh ang.

SIK LEH SA :

Mizoram boruak leh ruahtui tla hi buh china atan a tlak tih kan hria a, mahse a boruak hi a lum vak loh avang hian phai khawlum a an thar ran dan ang chu a phak thei lo. Ni 15 atanga ni 30 laiin a thar tlai phah thei. A thu hrimah buh hian boruak lum leh hnawng a mamawh a. Boruak lum leh duh anga tui pek tur awmna bakah ni eng tam tawk hmuh theihna hmun hi buh chin nana duhthusam a ni. A chi kuitiah atanga a thar thlenga a boruak mamawh dan chu 210C leh 370C inkar a ni. A pen lain boruak a duhlum deuh a, a par lain 26.50C leh 29.50C inkar a lum nise a tha. A hmin atanga a seng thlengin 200C – 250C a tawk. Buh thar rang anih avangin sik leh sa a mamawh danah a danglam hran vak lo.

CHINNA LEILUNG :

Thar rang china tur anih avangin leilung duh zawng a danglam chuang lo. Tui pawm thei tak, tlak lei lampang, clay an tihte leh tlak lei sawntlung lei inpawlh te hnimbhah tawih leh ran zun leh ek awm tamna hi duhthusam a ni. Leithur lam a duh zawk avangin pH 5.5 leh 6.5 inkar a tha ber. Chutih laiin Mizoram lei hi pH 4.1 leh 5.8 inkar a ni a, hengte hian Mizoram leilung hi buhchinna tlak a ni tih a entir a ni.

A CHINNA TUR LEILET BUATSAIH DAN :

Buh thar rang chinna tura buh hmun lo ruahman lawk thu hlaah thar rang china a nih avangin engmah a danglam lo. Thal laiin ft.1 emaw chu aia thuk deuhin emaw lei lo let lawk ila a tha. Hetia lei leh hian rannung buh tana chimawm tak tak ten a leia an tui phum te, hnim leh a zung leh phawh te kha nisa in a em a, chu chu an thih phah em loh pawhin an kiam phah thin a, a tangkai hle. Buh seng zawh veleh hian lei let thei ila chu lei kawi a awlsam bik. Lei chu tuia chimtir a tha; a nih loh vek pawhin hnawng taka vawn tum tur. Hei hian buhsi leh buhkung a lo chiah tawih ang. Lei kawi hi buh phun hma chawlhkar hnih vel atan a tha bawk. Chumi hma chuan bialtlang lo bel fel vek tur a ni. Hetia leilet tuitling chung a kawi hi buh tan a tangkaiin a pawimawh em em, a chhan chu kan hnim leh thluk te kha leiin a chilh nghal a, hlo lo tiak zel tur nasa takin a tikiam bawk. A tul phawt chuan kut nen pawh a hlo thlawh nghal zel mai tur. Kan leilet te chu rual taka tuiin a chim theih nan rualrem leh inzawl tha tawkin kan hnutchhiah tur a ni. Rual taka tuiin a chim hian rual takin leitha a pek theih a, buh phun hlimin a thanthat phah bawk.

Kan buhte chu green manure hmanga kan chawm dawn chuan lei leh lai hian kan let tel nghal tur a ni. Green Manure chu hnim emaw thlai emaw lei titha thei thlai chawmna atan leileta kan chin thin hi a ni. Ran zun leh ek leh chutiang lam leithate pawh hetih hun lai hian leiah leh pawlh tur a ni. Tin, leichi kan tih mai thin, fertilizers pawh lei kawi hnukung ber ruala pek tur a ni. Rual takin Nitrogen kan pek tur zatve leh phosphorus leh potash zawng zawng pek nghal nise, leiah feet chanve velah hrutpil nghal tur a ni.

Ruah vantla ringa buh thar rang kan ching dawn anih pawhin buh tuh hmain a chung a sawi tak ang khan kan lo inbuatsaih lawk tur a ni. Ruah vantla ringa lo neih hian hnim hi a hautak duh bik hle a, theihtawp chhuah a lei pawh leh uluk a ngai bik a ni.

BUHCHI DAWIDAN :

Buhchi hrisel leh to thei ngei chauh kan kui emaw kan tuh tur a ni. Damdawi hmanga tih thianghlim ngei chin a tha. Tihthianghlim sa a nih loh chuan Agrosan hman tur. Buhchi kg 1 atan gm 2 a tawk. Buh thar hlawk chi kan thar dawn a nih chuan Ceresan gm 1 tui litre 1 ah pawlhin darkar 12 chhung chiah tur a ni.

BUH CHI KUI DAN :

Ruah vantla ringa chin tur anih chuan a hrang a hraia buh chi kuang siama phunsawn tur ang a buh chi kui hranpa a ngai lo. Leiletah emaw lovah emaw chuan kan theh loh vek pawhin buh chi thlakna 'Seed drill' hmangin buh chi an thlak mai thin. Tuthlawh hmangin a tuh theih bawk.

Leileta phunsawn turte erawh chu buhchi kuang siamin an kui tiak te te a, a hunah leilet kawi saah an phunsawn thin. A nih loh vek pawhin chutiang leilet buatsaih saah chuan buhchi uingho sa kha an theh thin. Buhchi uingho sa kui emaw theh emaw hi a thang chak bik. Chutianga dah uingho tur chuan tuia chiah a up a ngai. Thleng emaw tin emaw a dah a, a pil vek thlenga tuia leih tur a ni. Chawhleha buhsi leh a chi tha lo lo lang zawng kha pah vek tur a ni. Darkar 12 dan a chawh leh a, tui a theh sek sek a tha. Hetiang hian darkar 24-36 chhung enkawl a ngai.

Buhchi kuang siamna hmun hi hmun hulhar leh awihtlan deuh, ruahtui inpaihral mai theihna, lei sanghet vak lo leh leitha si hmunah ni thei se duhthusam a ni. Tin, buhchi kui dan kawng hrang pathum a awm a. Pakhatna chu leilet zawlah chikuang siama tui nena kui a ni a, a pahnihna chu lei vur pawna chikuang siama kui a ni (hei hi Dry bed method an ti) a pathumna chu hmun rualrem deuhah emaw cement chhuatah emaw hmanhmawh thila kui a ni (hei hi dapog method an ti. A tul dan leh a remdan a zirin a khawi ber emaw hi zawm theih a ni. Hectare 1 hmuna phun tur kui nan buhchi kuang sq. metre 500 vela lian a tawk. Kui tlai deuhin buhchi kui a ngai tam deuh va, chuvangin sq.metre 750-1000 a zau hman a ngai. Buh fang sin deuh a nihin hetiang buhchi kuangah hian kg 30-35, a fang a len deuh chuan kg 40-45 kui a tawk ang. Buhchi kuang sq.metre 10 a zauvah urea 225 gm emaw Amm. Sulphate $\frac{1}{2}$ kg emaw single superphosphate $\frac{1}{2}$ kg emaw pek a tha.

BUH PHUNSAWN :

A tlangpui thuin a pen thlengin buh hian ni 20 a duh a, a buh a zirin ni 5 vel in a peng hma emaw a peng tlai zawk emaw a ni thei. Tin, a tiah atanga ni 25 leh 55 inkar hi a pen hun chhung a ni leh a, a vui pu tur leh hlawk deuh chu ni 35 chhunga pengte hi an ni. Tin, hemi hnu ni 30 chhung zawng hi (reproductive phase an ti a, chu chu) a vuih leh a par hun chhung a ni. Ni 30 chhung vel bawk a hmin hun atan a duh leh a. Hei hi ni 135 chhunga thar thei anga hisap a chhut a ni. A thar ran leh thar tlai dan a zirin buhchi phunsawn hun a danglam thin. Chuvangin hetiang deuh hian kal ila a tha ang.

Ni 120 a thar chu ni 25 a upa a niha phunsawn tur.

Ni 130 a thar chu ni 32 a upa a niha phunsawn tur

Ni 150 a thar chu ni 35 a upa a niha phunsawn tur

Buh thar rang zual Heera, Kalinga III leh Annada te hi chu ni 15 vel a nihin phunsawn ngei ngei tur a ni.

Buh thar ran lam kan sawi hian chi kuanga a awm lai chhut tel vek a ni. A hma lama phunsawn hun kan sawi baka kan hriat tur chu buh chiin hnah 4 emaw 5 emaw a neihin phunsawn a hun tlangpui bawk. Phunsawn tlai hian a peng tlem a, a vui thuai bawk si, a thar tlem pah thin.

Duhthusamah chuan thar rang hi chawlhkar 3 atanga 3 $\frac{1}{2}$ a upa a nihin phunsawn a hun a, tihdan dang leh chu buhchi inches 8 atanga 10 vela sang a nihin phunsawn a hun.

Buhchi chu pawh atanga a rang lama phun a tha a, bi khatah zai hnih emaw zai thum emaw phun ila a tawk. Buh chi a upat deuh chuan phun tam ve deuh mai tur. Bi khatah zai 5 emaw zai 6 emaw phun ila a tawk ve leh mai. Buh kan phunin inches 1 $\frac{1}{2}$ baka thuka phun tur a ni lo, a chhan chu phun thuk hian buh a peng thuai a, a peng pawh a tlem zawk. Kan phun khaha duh tawka buhkung bit kan neih theih dawn chuan a tlara phun kher a ngailo. Metre khat bialah buh kung 50 tal awm thei se chu duhthusam a ni.

Tunlai hian hlawhfa mante a lo san tak avangin buh phunsawn tura chin kher hi a buaithlakna chin a lo awm ta bawk. Hmun hrang hrangah Scientist-ten enchhinnaa an hmuh angin uluk taka hlo thlawh a, tha taka enkawl chuan phunsawn lova buhchin hi phunsawn a chin nen a hlawk lam a in ang reng. Kan sawi tawh angin phunsawn lova buhchin tih chu buhchi thlakna hmanrua leilehnaa vuah buhchi thlar mai te, buhchi uingho sa leilet buatsaih sa a theh mai te a ni.

LEITHA PEK DAN :

Ran ek leitha emaw hnimhnah up tawih leitha emaw quintal 100-150 vel buhmun hectare khata zauvah buh phun hma chawlhkar 4 leh 6 inkar vela pek a tha. Fertilizer pek chungchang hi buh china lei that dan a thute, thlai lo chin tawihawhte leh leitha dang pekin a rel hle. Chuvangin leitha pek dawnin kan lo, lei, buh china tur hmun chu kan enfiahin kan hrechiang phawt tur a ni. Fertilizer pek hi fur buh aiin thlasik buhin a thatpui zawk. Tin, buh thar hlawk chiin a hlawkpui zawk a, buh kung sangpui aiin buh tawi lam tan pek a manhla zawk bawk. Kan buhchin sa, thar hlawk vaklo leh kung sang site hi chu fertilizer pekin an thangduang lutuk a an tluk phah thin.

All India Coordinated Rice Improvement Project, Hyderabad atanga an hmuh danin buh thar rang, leitha leh sanghet deuha chin chawm nan hectare khata zauvah nitrogen kg 50, phosphorus kg 30, potash kg 30 pe ila a tawk. Chumi pe turin Amm. Sulphate kg 250, DAP kg 60 leh MOP kg 60 pek a ngai. Amm sulphate aia Urea kan hman chuan kg 83 leh DAP kg 65 leh MOP kg 60 bawk pek a tawk. Leitha tak ni lemlo leh nghet vaklo a buh thar rang kan chin chuan Nitrogen kg 60, phosphorous kg 30 leh potash kg 30 bawk pek a ngai. Chu chu leitha, Urea kg 140, DAP kg 64 leh MOP kg 50 hmanga pek theih a ni.

LEITHA PEK DAN :

A tha ber chu Phosphorous leh Potash zawng zawng leh Nitrogen zatve kha lei let kawih hnuhnun ber khalha pek tur a ni. Chutah Nitrogen bang la awm kha hmunhnih inzat chiaha sem leh tur a ni a, a zatve chu buh pen tantirh teah pek tur a ni. Chu chu a tlangpui thuin phun atanga ni 25 leh 30 inkar vel a ni. Hetih hun hian buh kha a lo nung fel tawh a, kan leitha pek kha a zungin duh angin a ei thei tawh bawk. Hei hian lei thawl leh leime deuhva Nitrogen bang la awm kha buh vuih tan ah emaw anih loh pawhin a par lai leh buhrah inhampuar laia pek tur a ni. Chu chu buh phun atanga ni 55 leh 65 inkar vel hi a ni. Buhchi upa deuh kan phun a nih erawh chuan Nitrogen zawng zawng hmun thuma thena hmunhnih emaw hmunlia thena hmun thum emaw kha buh phun laia pek a tha, a bang zawng chu a hnu ni 25 ah pek leh tur a ni. Lei thawl leh kanglang deuh hmuna buh kan china a pen that vak loh chuan leilet buatsaih laia a zatve kan pek bak kha tum 2 chauva sem lovin kan sem zai tur a ni. Buh hnah a lo en deuh chuan Nitrogen pek belh a tha ang.

Lei nghet leh sakhat deuhah te chuan a tir a Nitrogen kan pek ang hi a ngai lova. Chutiang hmunah chuan Nitrogen pek tur zatve zawng kha buh phun hnu ni 25 leh 30 vela pek tur a ni. A zatve dang chu hmun hniha thenin buh par lai leh a in hampuar laia pek tur a ni. Buh thar rang zualah chuan Nitrogen hmun thuma thena hmun khat leh Phosphorous leh Potash zawng zawng kha buh phun laia pek vek tur a ni a, a la bang zawng chu zat leh zata thenin buh pen lai leh a par laia pek leh tur a ni a, buh thar za zela 75 zet hi a peng atanga thar anih avangin uluk taka enkawl a ngai a ni. Ammonium hmanga Nitrogen pek hi

buhin an ngeih bika, chuvangin Nitrogen kan pek dawn chuan Ammonium anga pek a tha. Chutichuan Nitrogen kan pek hmasak ber kha Amm.Sulphate emaw Diammonium phosphate (DAP) emaw hmanga pek nise, a hnu lam a mi erawh chu Urea hmanga pek ni leh thung se a tha.

BUH TUH HUN :

Thar rang a ni emaw thar tlai a ni emaw a chin hun a danglam lo. Mizorama kan chin dan deuh chu zo deuh kan neih kumin buh kan tuh hma deuhva, phai leh hmun lum lam deuhvah tlemin kan muang deuh. Leileta tui lak nena chawmtur leh ruah vantla ringa chin turte, phun sawn tur a ni emaw theh tur a ni emaw a chi thlakna hmanga buh chi thlak tur a ni emaw, a chin hun a danglam chuang em em lo. Thil pawimawh tak kan hriat fo tur a awm a, chu chu kan ruahtui dawn dan bawh hi ani. May thla vela dawng tanin thla nga chhung kan dawng ber a, hemi chhunga puitling hman tura inbuatsaih a, buh pawh thar rang lam kan um fo hi a tul tih hriat a tha.

Scientist-te recommend dan chuan Fur Buh (Kharif) tan April thla tawp lam atanga May thla chhung hi buhchi kui hun a ni. Ruahtui awmdan a zirin June thla tir lam a thleng thei ang. Tuh tur a nih erawh chuan ruahtui tlak tan vela tuh ani ber a, ruahtui tlak har kum a nih erawh chuan ruahtui khalh a lo tuh pawh a theih tho. Mizoramah chuan April leh May thla chhung hi buh tuh hun a ni ber. June thla kai hi chu a duh vak lo. Buh phunsawn tur ka kui anih chuan a phunsawn hun hi a thar hma danin a zir hle a, hei hi chhut ngun a ngai. A thar hma zual chu buh chi ni 15 aiin a upa tur a ni lo. A phunsawn hun chu a tir lamah kan sawi tawh kha.

Thlasik buh (Rabi) atan chuan December ni 10 leh 25 vel hi buhchi kui hun a ni. January thla chhung ngeia phunsawn hman tur a ni a. A thar ran dan a zirin a chi upat dan pawh chhut tawh mai tur. Hetiang hun vel bawh hi ruah vantla ringa chingtur tan pawh a chin hun a ni mai. Mizoram ang ruahtui tamnaah chuan fur buhseng zawh veleh hian tuilak nena chawm tur emaw ruah vantla ringa chin tur a ni emaw chhonzawm leh nghal mai a chi ang.

BUHCHI THA LEH THAR RANGTE :

Mizoram a chin atana buh thar rang leh hlawk deuh deuh kan sawi dawn a, chumi hmaa kan hriat tul deuh mai pakhat chu buh thar hlawk ni tur chuan lei tha leh tui pek ngam tak an nih a ngai, tin, buh kung sang tak a ni tur a ni lo. Chutichuan thar rang zingah pawh buh kung tawi leh hnah hlai deuh nise a tha. Kan ruahtui dawn dan hi thla nga chhung anih ber avangin hemi chhunga a puitlin hman ngei na turin leilet buh leh thingtlang buh te pawh kan ching tur a ni. Hlawk vak lo mahse thar rang lam hi um ila a tha ang.

Central Seed Committee in Mizoram atana buh thar rang chin tlaka a ngaihte chu :-

1. **Saket-4** : Ni 110 atanga ni 120 chhungin a thar thei a, a thar hlawk lam chu hectare 1 hmunah quintal 45-50 inkar a ni. Buh kung san zawng hi feet 3 aiin a hniam deuhva, a fang chu sin leh sawl deuh a ni. A tlu duh lo hle.

2. **Pusa 2-21** : He buh hi ni 105 atanga ni 110 velah a thar a, a thar hlawk lam chu hectare khata zauvah quintal 45-50 thar thei bawk a ni. A kung san zawng chu feet 3 aia hniam deuh hlek a ni. Buh fang bial a ni a, a fang lai a var. Khawvawt a ngam hle a, buh tlu sam lo tak a ni bawk. Tlai taka chin pawhin a tha tho.

3. **Kalinga-II** : Ni 120 atanga ni 125 chhungin a thar hman a, a thar hlawk lam chu hectare khat hmunah quintal 30-35 a ni. Buhfang lian tak a ni a, ram vawt a ngeih viau.

ICAR, Kolasib Centre in Mizoram tana leilet buh thar rang chin tlaka a ngaihte chu :

1. **IR-36** : Ni 112 atanga 115 chhungin a thar hman a, hectare khat hmunah quintal 40-55 a thar thei. Feet 3 vela sang peng duh ve tak a ni. Tui lak leh ruah vantla ringa chin theih a ni. Buh fang sin leh sawl deuh a ni bawk.

2. **Prasad** : Ni 115-120 chhungin a thar a, hectare khat hmunah quintal 55-60 inkar a thar thei. Buh kung san zawng feet 3 vel a ni ber a, buh fang sin leh sei deuh a ni, buh tlu duhlo tak a ni.

3. **Krishna** : Fur buh anga chin in ni 115 leh 120 inkarah a thar a, thlasik buh anga chin erawh chuan ni 125 atanga 130 ah a thar. A thar hlawk lam chu hectare khatah quintal 40 vel a ni. Tin, tlai deuhva chin chi a ni.

Heng bakah RCPL 3-8, ni 113 a thar leh Pant Dhan-6, ni 114 a tharte hi a la tel.

Awmze nei zawka tlangram loneih te pawh kan tumin kan enchhin mek zel a, ICAR, Kolasib Centre in tlangram lo a chin tlak a an ngaih buh thar rang a thlan chhuah te chu :

RCPL 3-7 leh ICPL 3-8 ni 90 a thar thei te, VL 163 ni 92 a thar thei te, IRAT 144 leh IRAT 109 ni 104 a thar te, RCPL 3-5 leh RCPL 3-6 ni 113 a thar thei te, IRAT 141 ni 114 a thar thei te an ni.

Tin, Mizorama chin awm buh thar rang dangte chu Bala ni 100 leh ni 105 inkar a thar, hectare khatah quintal 35-40 thar thei te, Cauvery ni 102 leh ni 108 inkara thar, ruah vantla ringa chin anih a hectare khata quintal 30-35, tui lak nena chawm a nih a, quintal 45-50 thar thei te, Padma ni 115 chhunga thar hectare khata quintal 40-45 thar thei te leh Pusa 33 ni 120 chhunga thar hectare khata quintal 35-40 inkar ther thei te an ni.

Central Rice Research Institute (CRRI) Cuttack chuan ruah vantla ringa tlangram leh hmun sang deuhva chiin chi buh thar rang zual thenkhat recommend a nei bawk a, chungte chu :

1) **Kalyani-II** : Hei hi ni 62 a thar thei ni a sawi a ni a, a thar hlawk lam pawh hectare khatah quintal 25 a ni. Buh kung san zawng chu feet 3 vel a ni a, hnah hring help hlawp buh fang sei leh lian deuh leh lai var tha tak a ni.

2) **Heera** : Fur buh atana tuh emaw theh emaw chuan ni 68-70 inkarah a thar thei. Amaherawhchu kui leh phunsawn a nihin emaw thlasik buh atana chin anih chuan chawlhkar khat velin a thar tlai. Heera buh hi buh thar hlawk tak a tling phak. Ruah vantla ringa tuh in emaw thehin emaw hectare khat hmunah quintal 30 a thar thei a, hetianga buh dang chin chuan quintal 10 bak an thar thei meuh lo. Tin, uluk taka kaw, leitha sia chin phei chuan hectare khatah quintal 40-45 a thar thei. Khawkheng a thawrh theih bakah rannung chimawm buh tana hnawksak Gall midge, green leaf hopper leh natna thenkhat buh hmuih, BLB leh RTV an tih lakah te hian a fihlim viau a ni. Heera buh hi sawi tawh angin phunsawn pawhin a chin theih a, mahse ni 15 aia upa buh chi hman loh tur. Tin, amah hi buh kung tawi te a ni.

3) **Sattari** : Ni 75 ah a thar thei, hectare khatah quintal 30 thar phak, buhkung tawi deuh tak a ni, a fang pawh a bial.

CRRI, Cuttack bawkin a buh thar rang thenkhat tlangram leh hmun sang deuh a chin atana a recommend zingah :

1) **Kalinga-III** : Ni 85 a thar buh kung vantlang leh hnah hring tha tak a ni a, buh fang sei leh sin deuh fine rice kan tih chi, khawvawt pawh ngam, ruah vantla ting leh tui lak nen a khaw ro lai pawha chin theih a ni.

2) **Annada** : Ni 105 a thar hectare 1 hmunah quintal 50 thar phak a ni. Buh kung tawi lam feet 3 aia sang deuh, buh hnah hring leh hlai lam, fang bial lai var hei hawi a ni a, ruah vantla ringa tlangram leh hmunsang deuhva chin theih, tui lak nen phei chuan khawro laia chin theih a ni bawk.

Thar rang dang Mizoram chin awm tak tak te chu Neela ni 90 a thar, hectare khat hmuna quintal 40 thar thei te, Tare ni 100 a thar hectare khata quintal 45 thar thei te leh Vanaprabha ni 90 a thar hectare khatah quintal 30 thar phak te an ni.

Agriculture Department in a enchhin naah chuan Heera, Annada leh Kalinga-III te hi an tha hle a, Mizoram chin tlak viauin an lang.

TUIPEK :

Buh hian tui a mamawh tam hle a, a mamawh anga a hun taka pek chuan a tharah lukhawng a nei hle. Phunsawn tirh ni 10 chung hian tui a mamawh tam hle. A pen atanga a par chung hi tui a mamawh zual lai a ni a, hetih chung hian tui a tlachham tur a ni lo. Hetih chung rau rau pawh hian a vuh atanga a par chung hi tui a mamawh zual lai tak chu a ni a, hlo kan thlo hneh a nih chuan chim san tir vak phei chu a ngai lo. Tui paih a khung leh thin hi tui chim reng tir ai chuan buhin a ngeih zawk. Tui chim tir hian hnim a chim ral a, thlai chaw thenkhat Phosphorous, Potassium, Calcium, Iron leh Silica te a tih pun ve avangin a tha bawk.

Buh phun hlim kha a nun chian hma chu tui inches 1 atanga inches 2 vel chim tir tur a ni. Chumi hnuah chuan a inhampuar thlengin inches hnih vel a thukin tui a chim tir leh tur a ni a, chutah senghma ni 7 atanga ni 15 inkah velah tui paih tur a ni. Hei hi buh ti

hmin rang tur leh ti rual turin a tul a ni. Lei tak leh sanghet deuhvah chuan tui an pawm deuh avangin buh seng hma chawlhkar hnih atanga thum velah tui lo paih lawk tur a ni. Chutichuan buhin tui a mamawh zual hun chu phunsawn hlim, a pen vanglai, a tul zum tan tirh atanga a par chhung leh buhfang khal hma te hi an ni.

HLA THLAWH :

Mizoten kan lo neih dan pangngai angah hi chuan kan tha sen za a 70 zet hi hlo thlawh nan kan hmang a ni an ti. Chutih lain All India Co-ordinated Research Project, Bhubaneswar Centre chuan fur buh a hun taka thlawh loh chu a thar 100 a 90 thlengin hnimin a tikiam thei niin an sawi. Leileta buh phun sawn a kan chin hian hnim hi ngaihmagawhm nep deuh mahse tuiin a chim reng thei si lova, a chim loh veleh hnim a lo pawng thuai thin.

Buh phun hnu ni 20 ah hlo thlawh tur a ni a, chu chu leitha pek hma nise, a vawihnihna atan buh phun atanga ni 50 leh 60 inkarah thlawh leh tur a ni. Chu pawh chu leitha pek hma bawh ni leh se. Kuta hlo thlawh hi a senso thlakin hlawhfa rawih mante a lo to ta a, chubakah duh duh hunah hlawhfa an awm lo thei a, ruah sur avangin fur laiin hlo thlawh a har bawh thin. Chuvangin hlo tur hmanga hlo thlawh hi a thain kan ching uar sawt hle ta mai. Buh hmunah hian hlo hnah tung leh hnah bial chi hrang a tam mai a, chutianga hlo tur kan hman dawn erawh chuan fimkhur a ngai hle. Hlo tur thenkhat buhhmuna hman chi a awm a, a mal malin I han sawi diat diat teh ang.

4) PROPANIL (STAM F-34)

Lo hectare khata zau kah nan Propanil litre 8 a tawh a, chu chu tui litre 400 atanga 600 vel a pawh tur a ni. Kah hmam tui sah phawt tur a ni. Chumi hnu darkar 24 leh 48 ah tui khung leh tur a ni a, buh kungin lei a zar fel thlengin tui chu paih tawh loh tur. Hlo a kah hnu darkar 4-6 leka ruah a sur mai chuan duh angin a thawh tha hman lo. Buh phun hnu ni 6 leh ni 7 vela kah tur a ni. A nih loh pawhin hnimin hnah pakhat atanga pathum a nih lai vel hi a kah hun tawh a ni.

5) BUTACHLOR (MACHETE)

Buh hmuna hnimhnah tung leh hnah bial kah nan a tha. Hnim hnah tung kan tih hian phul leh thang ang chi hi a ni. Buh phun ve leh a hman tur a ni a, a tuia kah a nih loh pawhin a dip mu deuhva an siam phul tur a ni. Hnim chawr hma ngei a hman tur a ni bawh. Hnim chawr tawh a that thei meuh lo. Hectare khata zauvah litre 5 tui litre 400 atanga 600 a pawh dala kah a tawh. A dip a nih chuan kg 50 a tawh a, tui in inches 2 vela thukin buh a chim laia phul mai tur. Lei rova phul loh tur. Kan kap dawn a nih chuan kah hmaa tui sah kang hmasak a ngai. Buh phun atanga ni 3-na leh ni 5-na velah kah tur a ni.

6) FLUCH LORALIN (BASALIN)

Leia leh pawh tur a ni a. A tui chi anih chuan tuiin buh inches 2 vela thuka a chim chung khan kah mai tur. A dip anih chuan theh mai tur. A hun thua chuan lei kawin hnuhnun ber hnuah emaw buh phun hnu ni khat atanga ni thum chhung vel ni se a tha. Tin, litre 2 tui litre 400 atanga 600 vela pawh a tawh. A dip a nih chuan kg 40-50 a tawh ang.