

## LEI LUANGRAL TUR VEN LEH TUI HNA HUMHALH (SOIL AND WATER CONSERVATION)

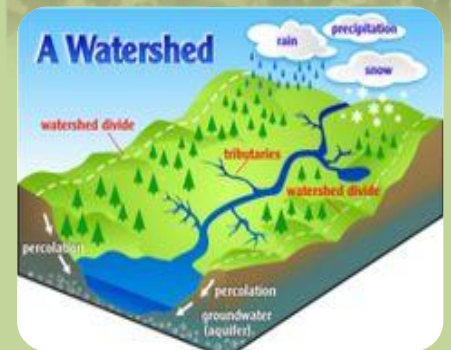
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### LEI LUANGRAL TUR VEN LEH TUI HNA HUMHALH KAWNGA HRIATTUR PAWIMAWH TE-

- Ramngaw kan thiah hian tui a let 17 a chakin a luan tir a, lei a let 21 a tam a luan ral tir bawk a ni.
- kum tin Hectare khat zelah Ton 140 – 250 Lei a luang ral anga chhut a ni.
- Lei inchis khat a chhah insiam tur hian kum 1000 lai a ngai.



- Ramngaw tha chuan tui luang chak lutuk leh luang ral mai tur 50% lain a ti muang thei.
- Lei luang ral tur a vengin lei hnawna a vawng rei a, lei hnuai a tui tam zawk a luh theih phah thin.
- Lui catchment area ramngaw tha chuan ruahtui tla a kawl rei a, luiah tui rei zawk a luang theihna turin a pui thin.



- Lui leh lui tē a tui te hi chak taka an luan hian rang takin an luangral mai thin a, a kama lei a luanral pui teuh thin bawk a ni.
- Tui luang chak lutuk tur hi kan tih muan a, rei zawk luiah a luan theih nan leh a kama lei him zawk nan hmalak tur a ni.
- Tui luang chakna kan tih dul hian hun rei zawk tui kan neih phah thei a, lei hnuai tui a pun phah ve bawk a ni.



- Lui leh a fin tu lui tē zawk ten tui an dawh khawlina mual (Catchment) lui chawm tu ram te chu satellite thlalak hmanga en fel hnuah humhalh tlat tur a ni.
- Ram theh leh huan/lo atan hman loh ni se. A lema entir ang hian huan/lo atan a neih theih chin pawh thliar fel tur a ni.
- Lui tui tam zawk hman a nih theih nan Catchment, lui leh a kam te enkawl leh tui khuah tha tak siam a pawimawh hle.



CATCHMENT ENKAWL DAN THENKHAT TE-

Tui Luang ti muang tur leh lei luangral tur ven a nih theih nan.

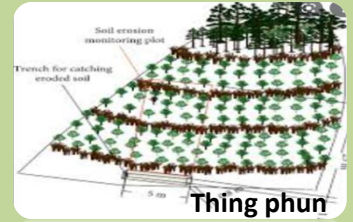
Hmun awih dan

Slope 25% a sangah chuan



Hengte hi hman tur a ni

- Thing phun (Planting trees and Vegetative Cover)
- Terrace (Mithiam te rawn chungin)



Hmun awih dan

Slope 10%-25% inkarah



Hengte hi hman tur a ni

- Staggered Contour trench
- Terrace (Mithiam te rawn chungin)
- Continuous Contour trench
- Boulder bunding



Hmun awih dan

Slope 5%-10% Inkarah



Hengte hi hman tur a ni

- Lei chhun pawn (Earth Bunding)
- Boulder bunding
- Continuous Contour trench
- Changkham



Hmun awih dan

Slope 5% chinah



Hengte hi hman tur a ni

- Dil khuah (Farm pond)
- Boulder bunding
- Lei chhun pawn (Earth Bunding)
- Earth Dam (Lei hmanga tuikhuah(Dam) siam)
- Gabion structure hmanga tui khuah



LUI DUNG ENKAWL DAN THENKHAT TE-

Lui tui chak taka luang lo tur te, a kam lei luangral nasa lutuk tur leh tui hun rei zawk luiah a awm theih nan heng a venna thenkhat te hi han tarlang leh ila-

Hmun awih dan

Slope 25% a sangah chuan



Hengte hi hman tur a ni

- Gabion structure check dam
- Stone Masonry with Cement bonding
- Dry Masonry with proper size of stone
- Hectare khat catchment atan heng tui luang ti muang tur structure te hi pa 6-8 tal ni se



Gabion Check dam

Hmun awih dan

Slope 5%-25% inkarah



Hengte hi hman tur a ni

- Loose boulder check
- Gabion structure check dam
- Check Dam/Anicut



Loose Boulder Check

Hmun awih dan

Slope 5% chinah

(Tui khawlna hmun)Storage Zone



Hengte hi hman tur a ni

- Dil khuah (Farm pond)
- Boulder bunding
- Earth Dam (Lei hmanga tuikhuah(Dam) siam
- Gabion structure hmanga tui khuah
- Check dam tuikhuah



Anicut construction



Gabion Tuikhuah

*'Ramngaw leh tui hna humhalh tlat la, nuna siamtu lo ni ang che'*



Earthen Dam