

Simple Drip Irrigation



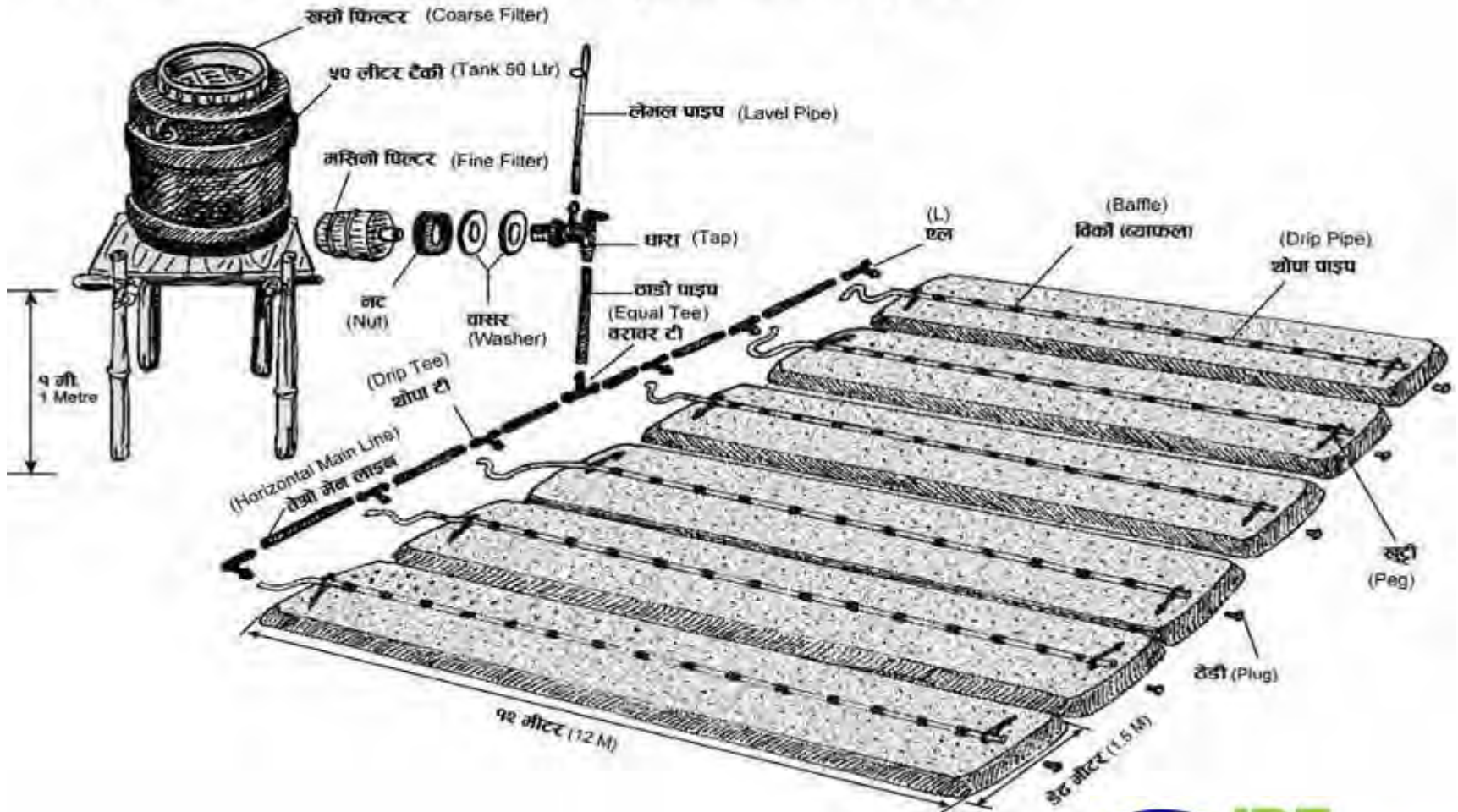
Application

Fresh vegetables, fruits, greenhouse crops



Layout Design: Single Bed

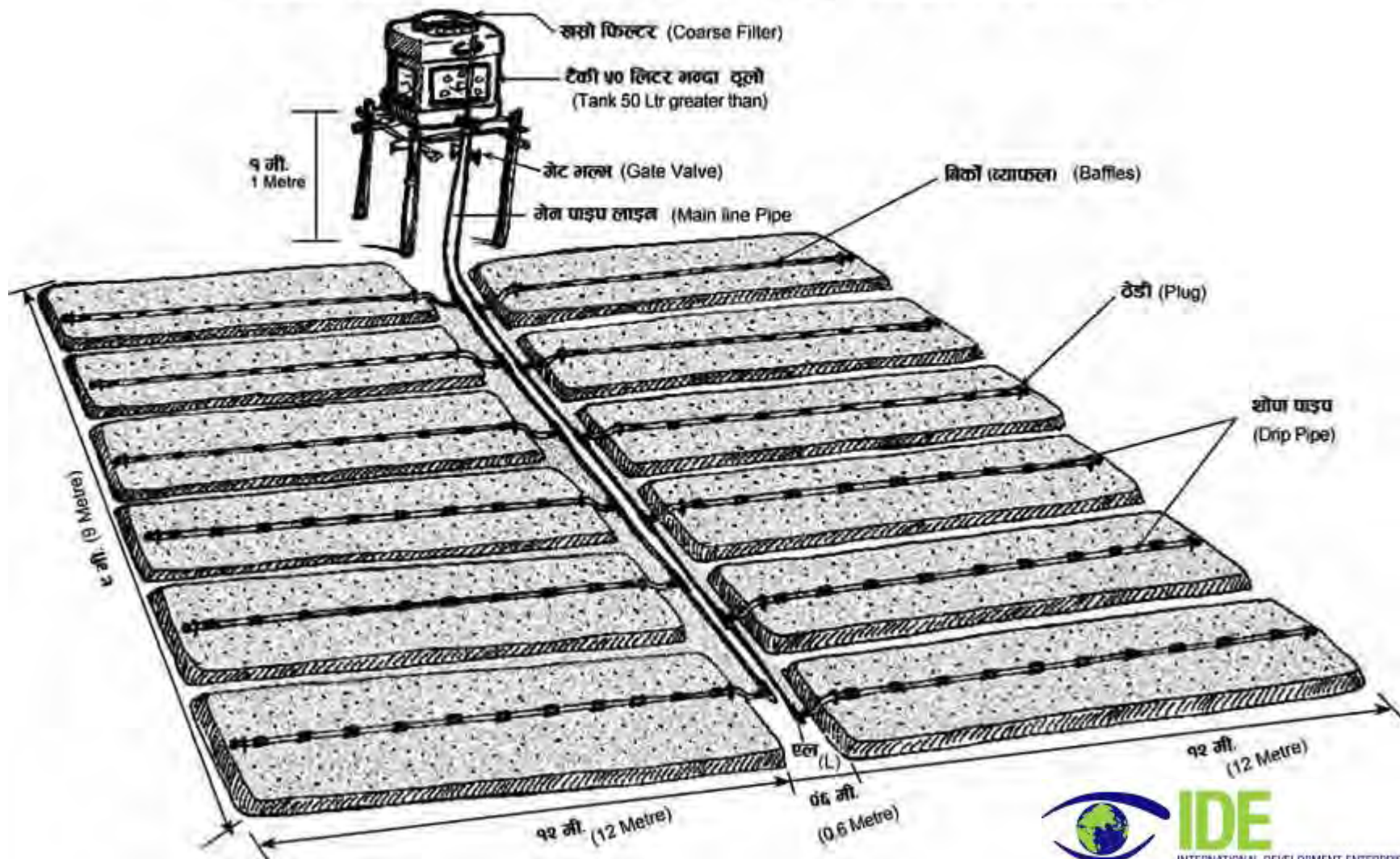
सरल थोपा सिचाई सिचाई (Simple Drip Irrigation System)
क्षमता: सानो (४ आना) (Irrigation Capacity= Small 1/4 Ropani)



Layout Design: Double bed

सरल थोपा सिचाई सिचाई (Simple Drip Irrigation System)

क्षमता: मझौला (८ आना) (Irrigation Capacity= Medium 1/2 Ropani)



Components

Head unit, pipes, fittings



Head Unit



Head Tank



Filters – coarse & fine



Outlet Set – tap & gate valve



Pipes



Mainline Pipe
(14 mm PVC soft pipe)



Drip pipe
(8 mm diameter PVC soft pipe)



Level pipe

Fittings



Vertical Tee



L



Peg



Gate valve



Drip Tee



Baffle



End Plug

Materials for Installation

Drip kit, Spade, driller, seedlings, compost, water



Constructing the Head Structure



Drill four holes to erect poles



Make the platform

Preparation of the crop beds



Connecting the tap outlet and fixing the fine filter



Laying and joining pipes



Marking the planting spots



Fill tank and open valve



Mark the wet spots for planting

Operation of the system







