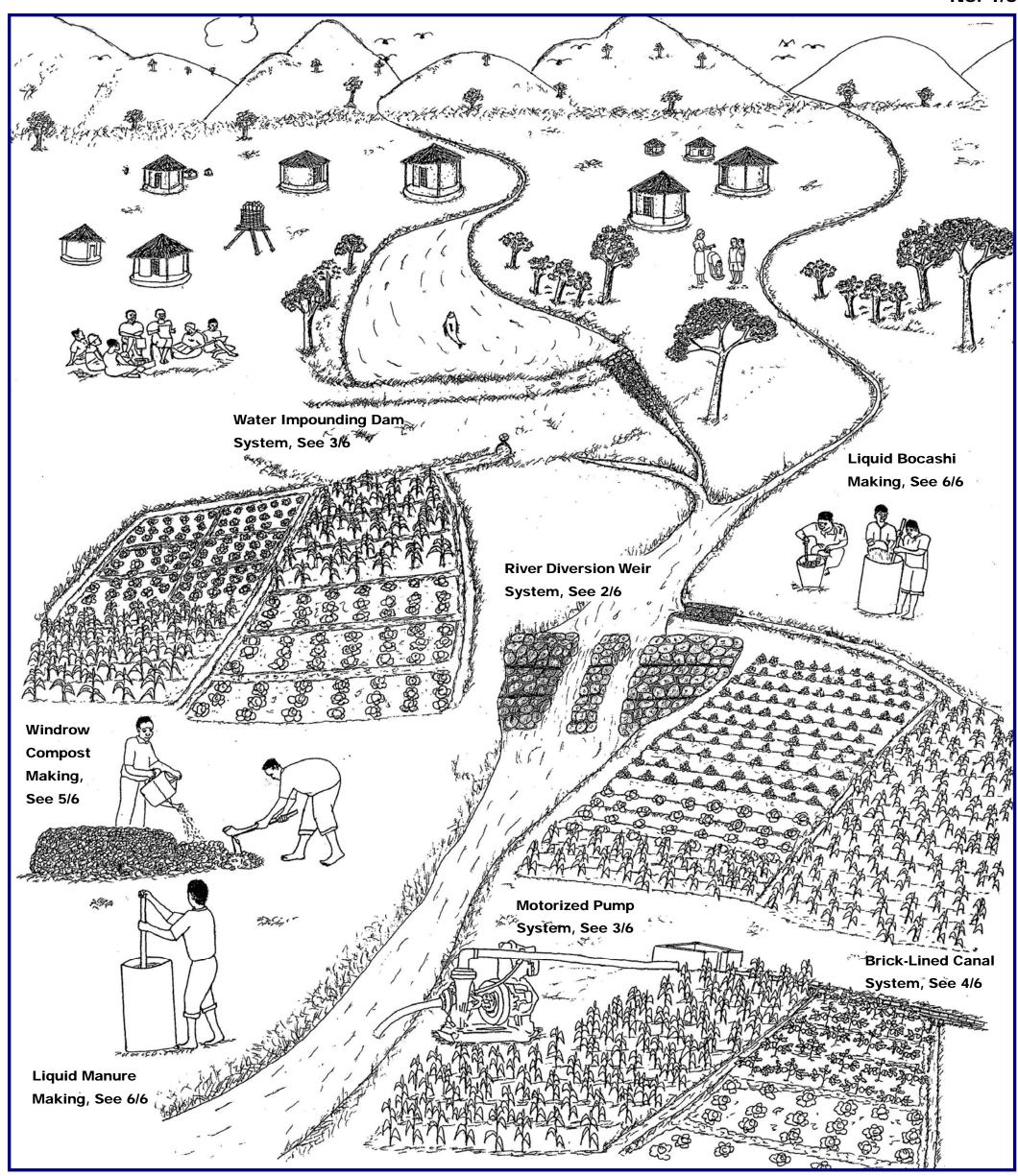
Development of Smallholder Farmers' Capacity, a Key to Self-Reliance and Sustainability of Medium-Scale Irrigation Schemes

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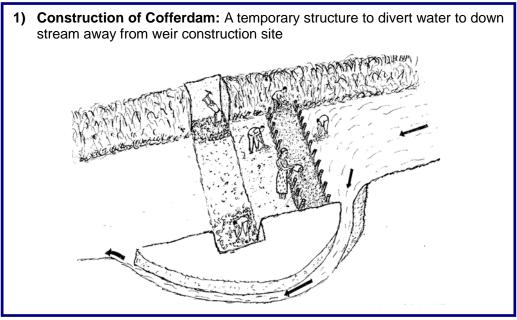
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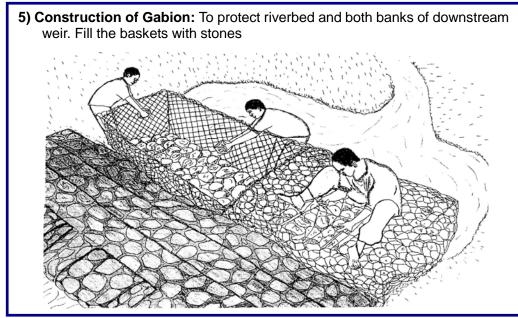


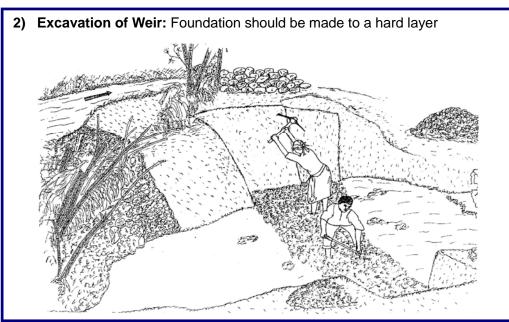


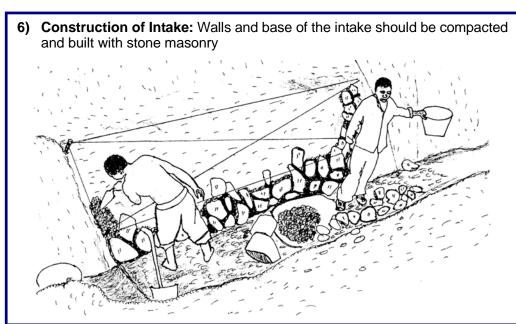
No. 2/6

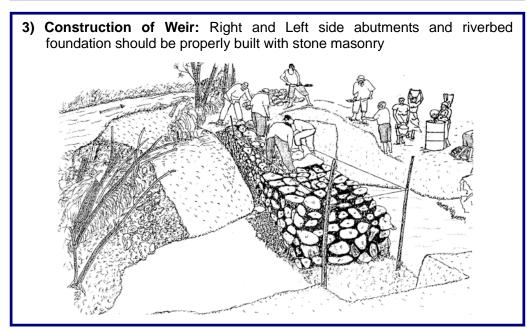
River Diversion Weir System

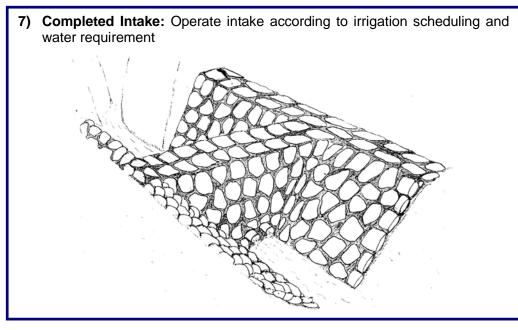


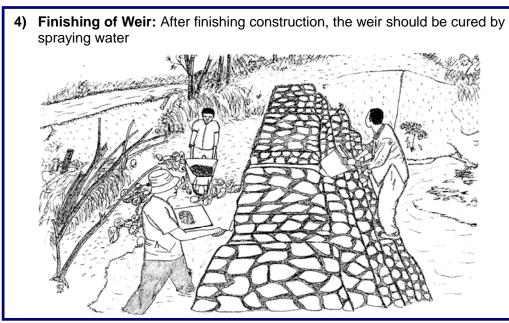


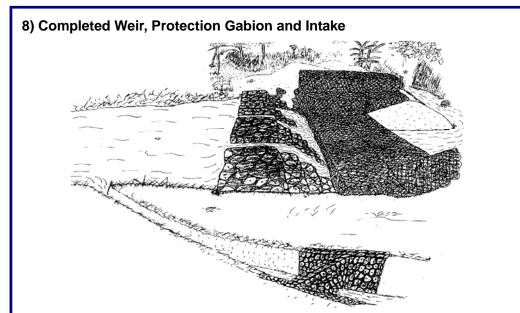
















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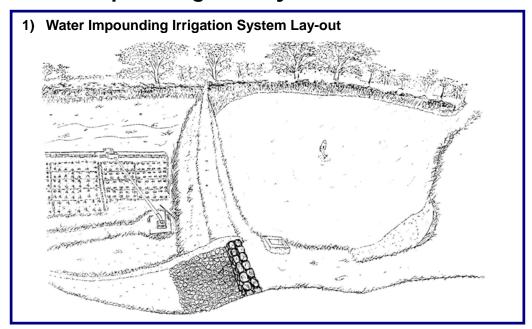




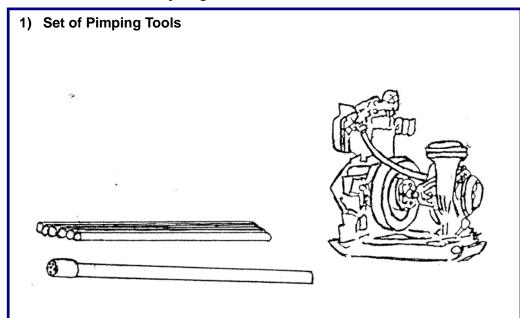


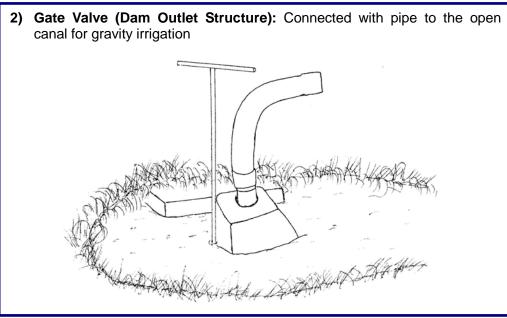
No. 3/6

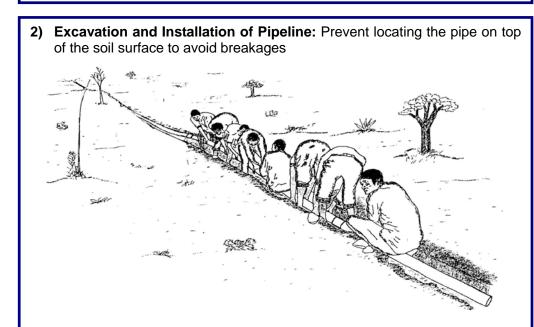
Water Impounding Dam System

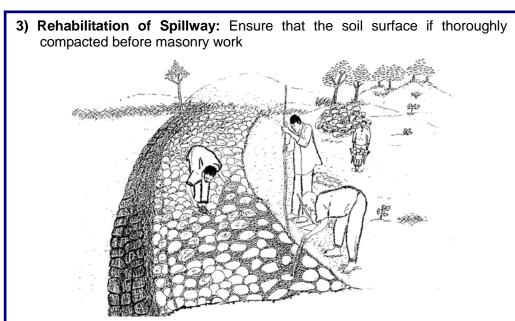


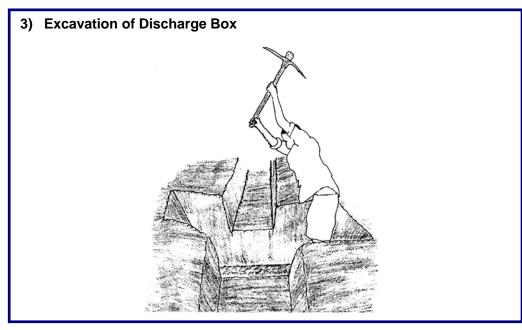
Motorized Pump System

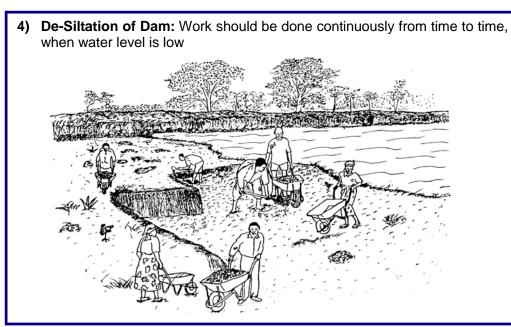


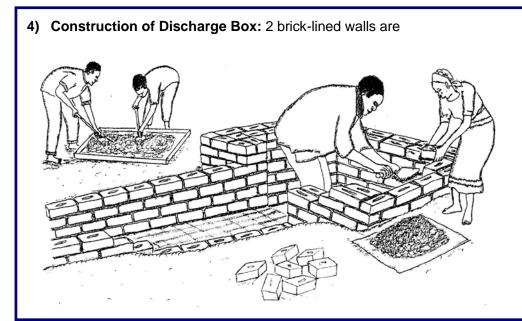
















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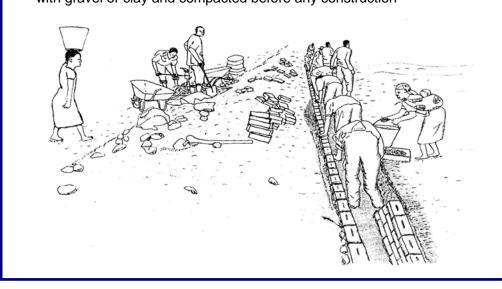


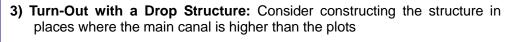
No. 4/6

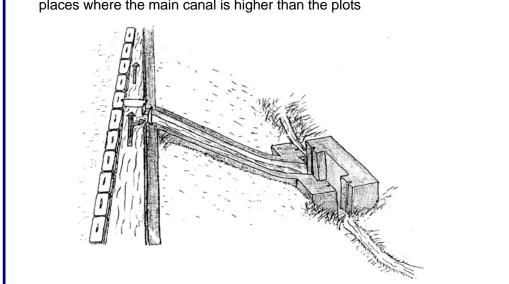
Brick-Lined Canal System

1) Alignment of Canal: Setting of the canal could be done by using a line

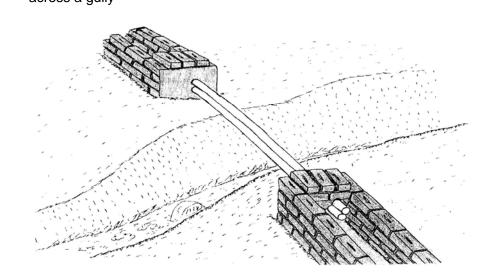
2) Construction of Canal: All debris and soft materials should be replaced with gravel or clay and compacted before any construction



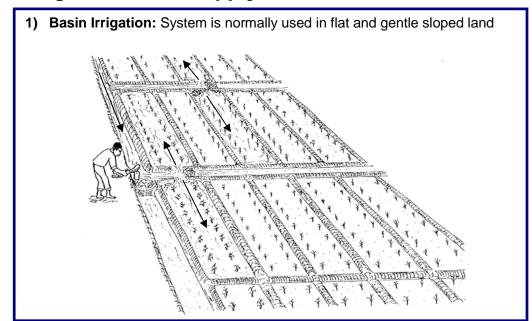


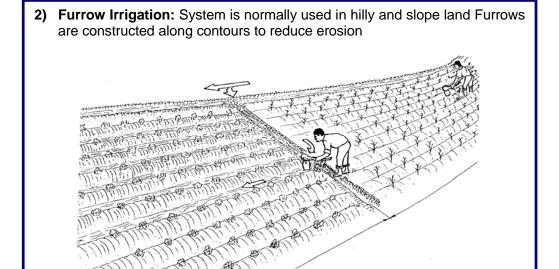


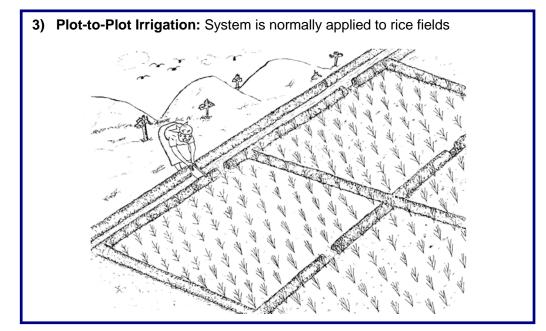
4) Gully Crossing: Pipes should be used for installation to convey water across a gully

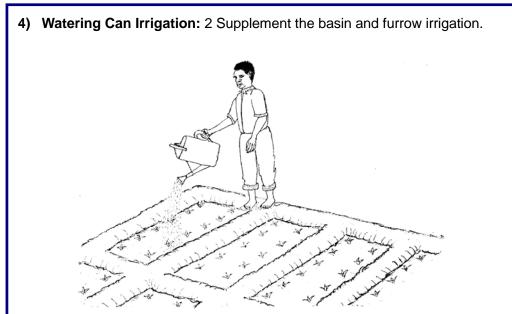


Irrigation Water Supply Methods













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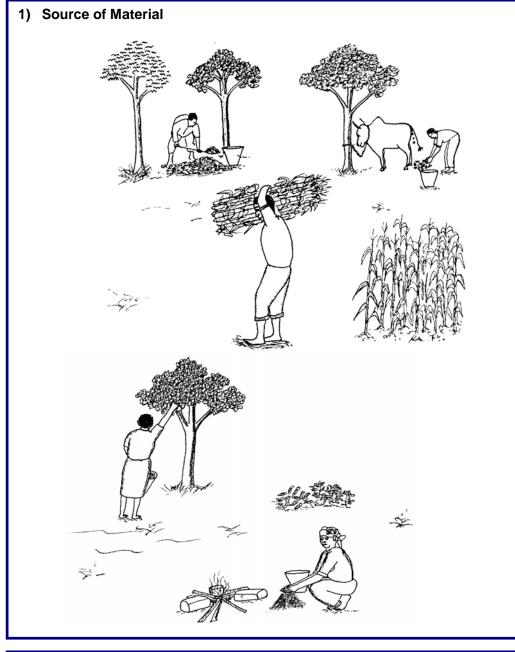


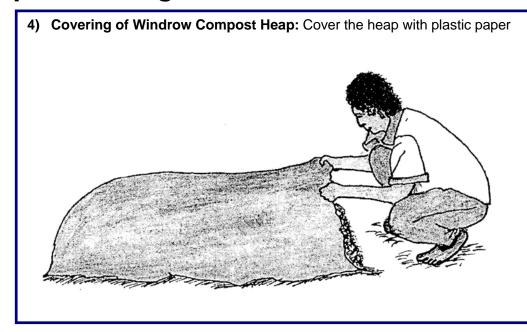


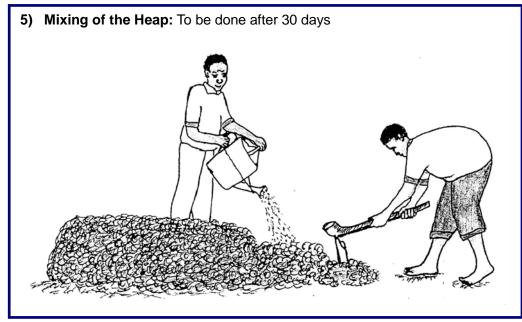


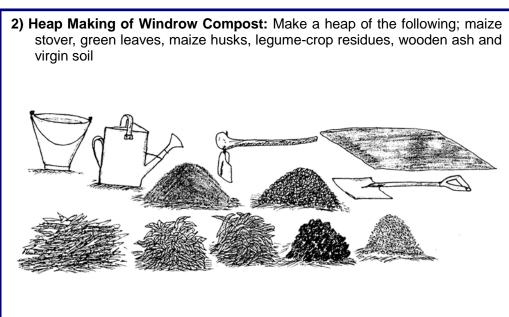
No. 5/6

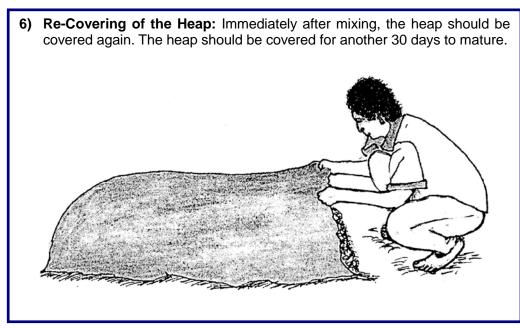
Windrow Compost Making

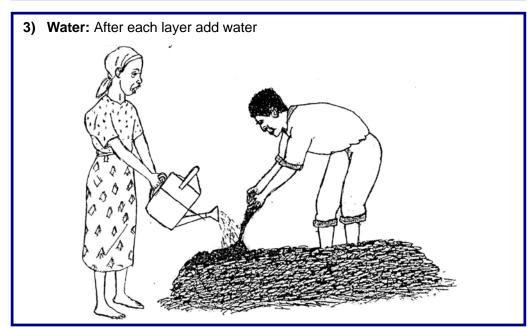


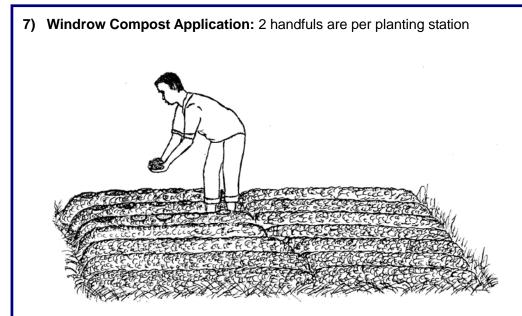
















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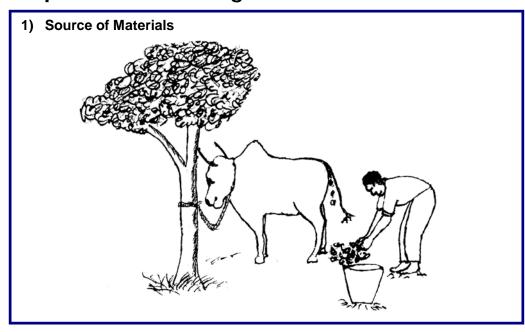
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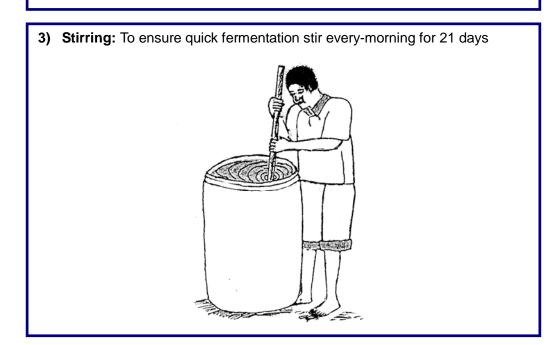


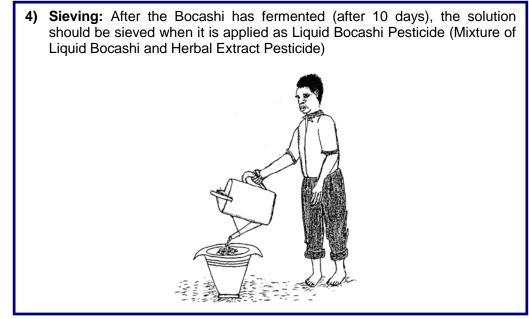
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Liquid Manure Making

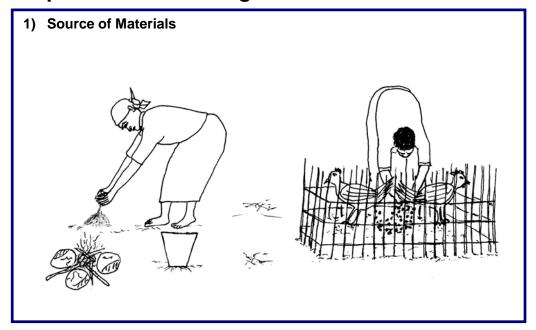


2) Animal Dung: Fill the drum with animal dung to half-full mark and top the drum with water

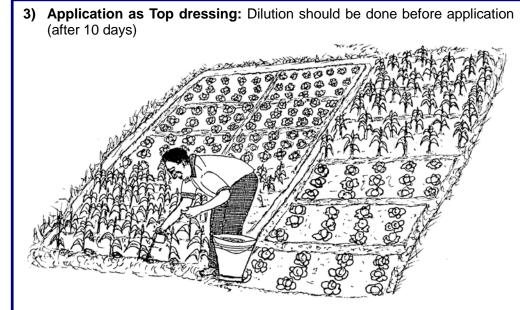


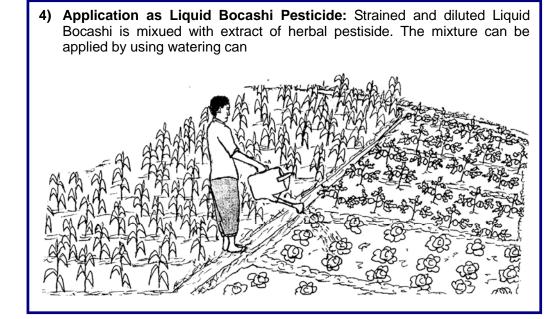


Liquid Bocashi Making



2) Process: Solution of maize husks and yeast, wooden ash and animal manure are mixed and poured in a drum of water and left to ferment









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