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Drip Irrigation System

Problem: Cameroon does not currently have an affordable drip irrigation system. The materials needed are not currently available because people there are not informed of the concept.

Requirements for this project

What type of available material can be used in the hosing, etc. to make the whole system under \$50?

Can this system be easily mass produced to be used in many areas?

How will they make the branches easy to connect, disconnect, and maintain?

Can the system be user friendly?

Does the system use logical materials that are easily accessible in Cameroon?

Is the system durable yet easy to manufacture?

Will the system be able to cover the right dimensions (6 m x 5.5 m garden area) while staying under budget?

Will the system maximize efficiency and reduce water waste?

Will the system be made optimally for the type of crops the farmers are growing?

