

ECONOMIC PATCH

VEGETABLE PRODUCTION SYSTEM

The economical construction site consists of a simple technique, low cost and easy to maintain. It's extremely efficient and reduces by more than 50% the use of water in production.

STEP 1



Dig a hole 1 metre wide and 20 centimetres deep. The length may vary as needed. After the excavation do the levelling of the soil.

STEP 2



With a canvas of 100 to 200 microns, line the patch taking care with the levelling so that there are no holes or mud puddles. If you are going to step on the tarp, be careful not to tear it. You can bend the sides of the canvas, cut the leftovers carefully, or place stones on the sides, in order to have a better patch.

STEP 3



With a 1-inch PVC pipe measuring 6 metres, cut half a meter on each side. Drill the pipe alternately with space of 30 centimetres from one hole to the other. With two 1-inch knees, fit the leftovers of the barrel on one side and the other.

STEP 4



Cover the pipe with tiles, rocks or bottles cut in half to prevent dirt from entering the holes. Before covering with earth, it is recommended to pour a bucket of water on either side of the pipe to check the homogeneous distribution of the water.

STEP 5



To facilitate irrigation, use a PET bottle as a funnel. You now have a social technology to grow your vegetables!

PRODUCT/SERVICE SPECIFICATIONS

Canvas of 100 microns 3 metres long and 1.5 metre wide

Barrel of 32 millimetre and 5 metres long

2 Knees of 32 millimetres