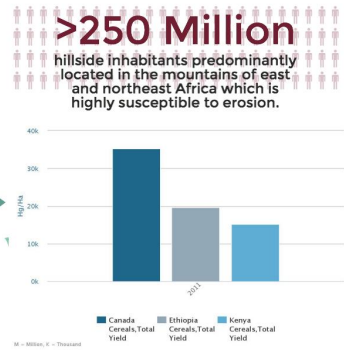


# Terrace and Hillside Agriculture



## THE PROBLEM

**24 Billion** tons of soil are lost annually around the world due to erosion



Low yields in part due to lack of information provided to farmers on good soil and crop management practices

## 5 Low Cost Solutions

**Leave residue on field**

Leaving crop residue on fields after harvest helps to retain soil moisture and provides a cover to protect the soil against heavy rain. The roots help to hold soil aggregates together reducing the likelihood of wind or water erosion.

**Use row cropping**

Using row cropping allows farmers to walk through and check crops for disease, pests, and weed infestation.

**Clean Seeds**

Cleaning seeds before storing them is VERY important to control disease and pathogens. Cheap household products such as vinegar or bleach can be used to clean seeds by mixing them with water and soaking seeds in the solution.

**Incorporate legume crop into rotations**

Legumes naturally fix nitrogen in the soil and can be used as a cheaper alternative to buying nitrogen fertilizer.

**Use of Sieve**

Using a sieve to separate large, healthy seeds from the smaller seeds or other material helps to improve seed vigour.

### Sources

<http://faostat3.fao.org>

### Credits



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