

ECOCROP-1

With Ecocrop you can:

Identify a suitable crop for a specified environment. Select [Search](#)

Enter information about your local climate and soil conditions, such as temperature, rainfall, light soil texture, depth, pH, salinity and fertility. Ecocrop then identifies plant species with key climate and soil requirements that match the data you have entered.

Identify crop for a defined use. Select [Search](#)

Specify one or more use(s) and Ecocrop identifies according to your choice plant species for food, fodder or pasture, green manure, energy, fibre, timber, paper pulp, shelter and shade, industrial purposes, erosion control, ornamentals and many other uses.

Look up the environmental requirement and uses of a given crop. Select [Find plant](#)

Specify the plant species of your interest and use Ecocrop as a checklist or library to look up its climate and soil requirements and uses.

Learn to use Ecocrop with the [Tutorial](#)

Open a new window with a tutorial that teaches the basics of using Ecocrop.

To do:

Read the tutorial and search for:

- ◇ rainfall, temperature and soil requirements (depth, pH, salinity, fertility) of cotton, Leucaena, mango, pigeon pea and sugarcane. Suggestion: make a nice table!
- ◇ potential (1) green manure and (2) wind break species that will grow well where cotton grows well (check whether there are species that can be used for both purposes)
- ◇ fuelwood species that can grow in an environment with the following characteristics: temperature 12°C (min) to 30°C (max); rainfall 300 mm (min) to 600 mm (max); bright sunshine; pH 6.0 to 7.5; well drained, deep, non-saline, light (loamy sand) soils of moderate fertility
- ◇ vegetable species that fit the environmental conditions of your own (small???) garden at home