Quality. CTFC works for raising awareness about these systems, which are scarce and not well-known in Catalonia, through the establishment of field trials and specific training.

Combining agricultural and forestry production at the same space and time. This scheme allows income diversification, production enhancement and improvement of environmental quality. Apart from their use on small agricultural fields, valuable broadleaves are an excellent option for larger fields with deep soils through the installation of silvo-arable systems. The management of agriculture and forestry components is not more complex so far than the management of the systems separately.

From forestry to agro-forestry

Apart from their use on small agricultural fields, valuable broadleaves are an excellent option for larger fields with deep soils, through the installation of silvo-arable systems, that combine agricultural and forestry production at the same space and time. This scheme allows income diversification, production enhancement and improvement of environmental quality. CTFC works for raising awareness about this systems, that are scarce and not well-known in Catalonia, through the establishment of field trials and specific training.

CTFC silvo-arable field trials

Cereal (wheat/barley) with walnut, ash and service tree (March 2010)

This 5 ha experience pretends to study the facilitation and competence between trees and crops at a silvo-arable system at Mediterranean conditions, with 3 schemes: trees with crops at both sides, trees with crops at one side and trees without effect by crops. Measures of crop production are done at different distances from tree rows.

Sage (Salvia officinalis) with walnut and biomass (March 2012)

This 1 ha system pretends to study the interactions between:
- Sage and hybrid walnut MJ209xRa for valuable timber production
- Sage and hybrid plane (Platanus x hispanica) for biomass production

As well as the growth of each species alone and in combination with others.