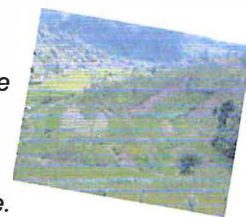


Direct seeding on vegetal cover

*A paradigm change
for more efficient agriculture*

Husson Olivier (CIRAD)
Chabanne André (CIRAD)
Ha Dinh Tuan (VASI)
Séguy Lucien (CIRAD)

Techniques of direct seeding on vegetal cover have been developed for tropical conditions such as those in Brazil during the past decade. These techniques propose a paradigm change and open new perspectives for agriculture. The soil is no longer disturbed by mechanical action (no tillage), and always kept covered by a dead or living mulch. Soil structure is improved by plants with strong rooting systems and the increase of biological activity. These management methods lead to an environmentally friendly, technologically and economically efficient agriculture.



Two principles

Six fundamental functions in regulating soil-plant processes

