



## TRAINING COURSE

# Successful transition to soil conservation agriculture

- Objectives**
- Acquire the fundamentals of soil conservation agriculture
  - Look at how it would work in your own operating system

## COURSE CONTENT

- The components of soil fertility
- The principles of soil conservation agriculture
- Key steps in the establishment of direct seeding into cover crops
- The mechanisms involved in soil compaction and how to manage them
- The influence of soil and climate conditions on the cropping system
- Choosing, setting up and adding value to cover crops (see the course on cover crops)
- The different methods of weed control
- The role and importance of rotations
- Choosing a rotation adapted to your operating system
- The role and forms of localized fertilization
- Managing residues, livestock effluents and external inputs of organic matter
- Utilizing these new skills to change your farming system
- Analysing the impact of transitioning to soil conservation practices on your farm

Strengths of the program:

- Use of an innovative teaching approach based on adult learning methods that facilitate the acquisition of knowledge
- Activities in the classroom and in the field to build confidence throughout the course
- The participant practices conservation agriculture: presentation of many cases studies

For anyone wishing to acquire the basics of direct sowing into cover crops

Duration: 3 non-consecutive days (21 hours in class)

Dates and places: contact us

**Instructor:**

*Sarah Singla, agricultural graduate and farmer on a farm that has been practicing soil conservation agriculture since 1980. As a trainer, she draws on her personal experience, on farm visits she has made in France and abroad, as well as on scientific studies, to disseminate knowledge about regenerating agricultural soils.*

