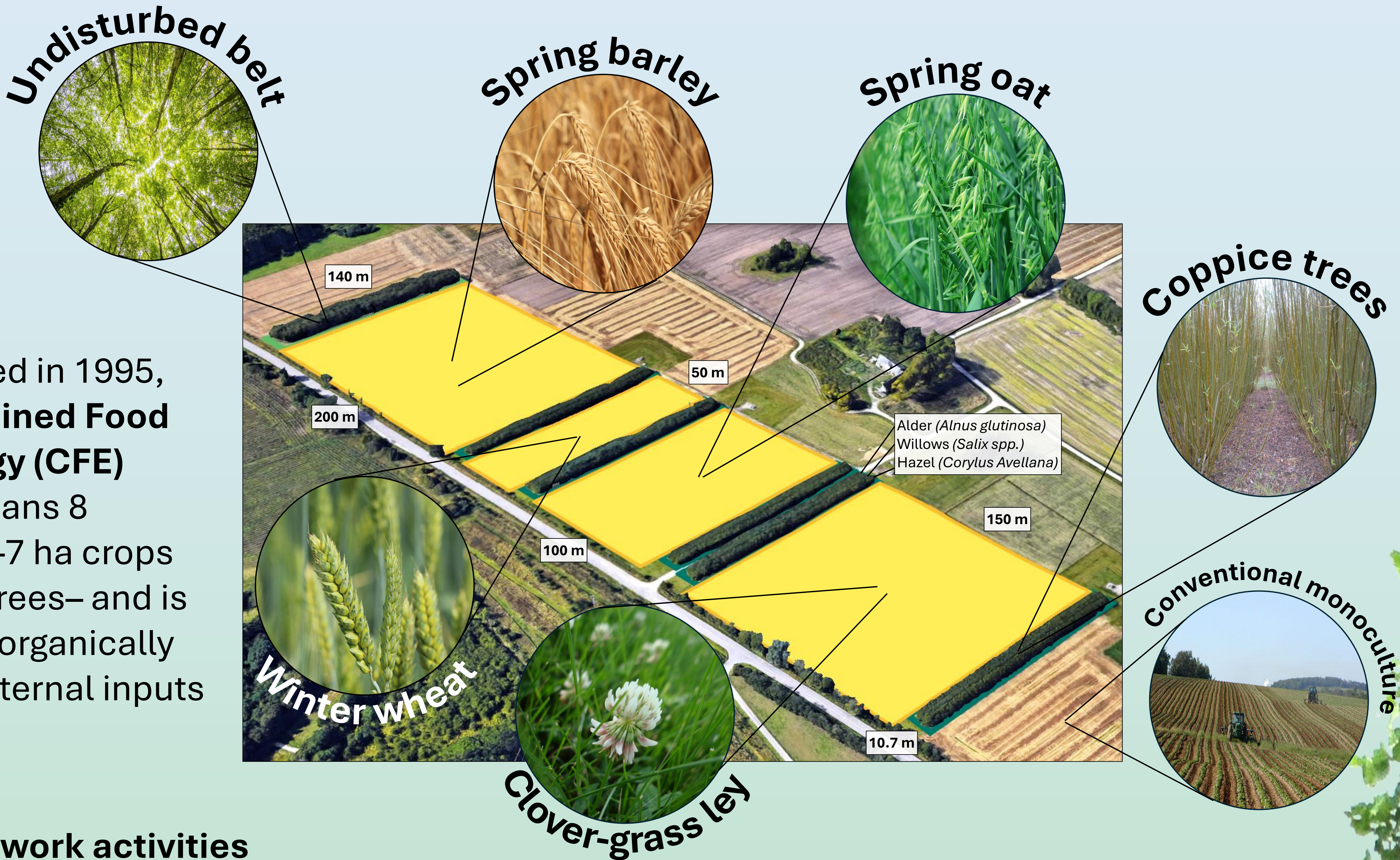


Assessment of Ecosystem Services in multi-functional agroforestry systems

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Established in 1995, the **Combined Food and Energy (CFE)** system spans 8 hectares –7 ha crops and 1 ha trees– and is managed organically with no external inputs



Fieldwork activities

Crop yield

Aphids and thrips count

Earthworm abundance

Soil organic carbon

Soil compaction

Tree biomass

Insect diversity

Infiltration rate

Soil properties

Ecosystem services	CFE agroforestry	Conventional monoculture
Food and fodder		
Woodchips		
Pest control		
Biodiversity		
Soil formation		
Water holding capacity		
Nutrient cycling		
Carbon sequestration		
Labour requirements		
Economic profitability		
Climate resilience		
Economic robustness		