

## **Plant and Garden Cropping Systems**

The unit works on horticultural food crops and mainly fruits and vegetables eaten fresh. It aims at making a contribution to the development of technical and landscape scenarios for the promotion of the quality of crops and respect of the environment. Attaining these objectives is based on studies of plants, fruits and biological pests aimed at gaining better understanding of their responses to the environment. It also makes use of studies at cropping system level that represent plant functioning in interaction with the physical and biotic environment and cropping operations.

Research work is centred on three main themes:

- ecophysiology of fruit quality,
- plant architecture and resources management (water, carbon and nitrogen),
- and the ecology of integrated production.

### **Unité de Recherche Plantes et Systèmes de Culture Horticoles**

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