



The Quasav Federative Research Structure, set up in 2008, now gathers the majority of the **plant research forces** in the French region of the Pays de la Loire. Its scientific aims are the study and control of the characteristics and processes that contribute **to plant health** and the **quality of the products** derived from it, with a view to **sustainable development**.



8
research units
and 1 experimental unit



6
supervisory
institutions



400
staff
including 170 professors
and researchers



6 900 m²
of greenhouses and
growth chambers

3 AREAS OF RESEARCH

- ▶ Sustainable management of plant health
- ▶ Seed biology, quality and health
- ▶ Quality of specialized crop production

3 SHARED TECHNICAL FACILITIES

- ▶ **Anan**: nucleic acid analysis
- ▶ **Imac**: cellular imaging
- ▶ **Comic**: collection of microorganisms

3 TECHNOLOGICAL PLATFORMS

- ▶ **Phenotic**: phenotyping of seeds and plants
- ▶ **Piam-Phyto**: phytochemical analyses
- ▶ **Sensoveg**: sensometric analyses

Associated team: Genetic ecology of insects (EGI) of the IGEPP | Inra, University of Rennes 1, Agrocampus Ouest

Partners: BIA, polyphenols team, reactivity, process | Inra
Geves | Group for the study and control of varieties and seeds
Vegepolys Valley, global competitiveness cluster

IRHS | Research Institute for Horticulture and Seeds | INRA, Agrocampus Ouest, University of Angers

Sifcir | Functional signaling of ion channels and receptors | University of Angers, INRA

Sonass | Substances of natural origin and structural analogs | University of Angers

LBPV | Laboratory of plant biology and pathology | University of Nantes

Leva | Legumes, crop ecophysiology, agroecology | Esa, Inra

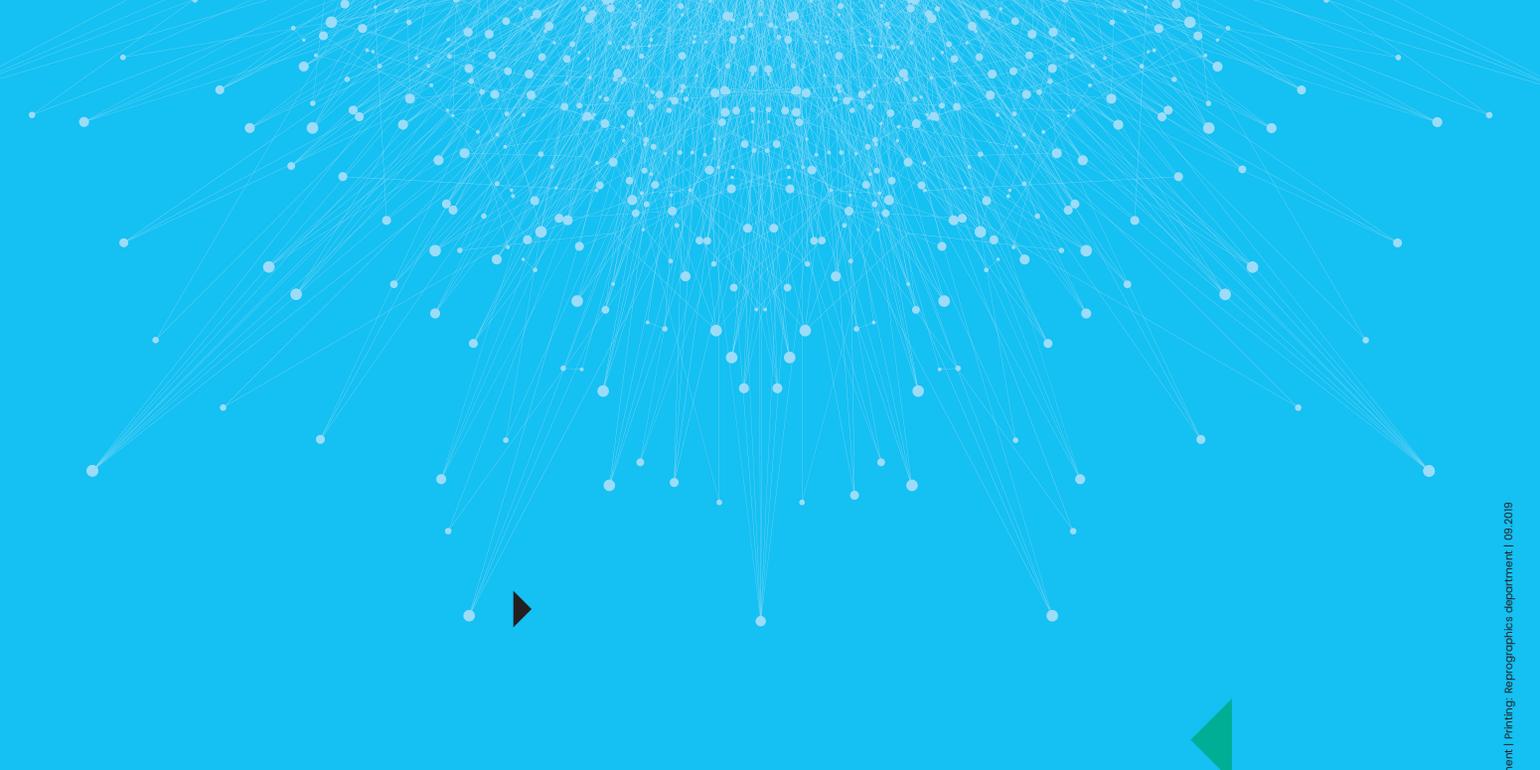
Grappe | Agro-food products and processes | Esa, Inra

Ephor | Physical environment of the horticultural plant | Agrocampus Ouest

BVO | Bacteriology, virology, GMOs | Anses

Horti | Horticulture experimental facility | Inra





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