



**HAL**  
open science

## **PICLÉG': a "research, development and stakeholders" all-together initiative for integrated production of field vegetables in France**

Mathilde Causse, Vincent Faloya, Benoit Jeannequin

### **► To cite this version:**

Mathilde Causse, Vincent Faloya, Benoit Jeannequin. PICLÉG': a "research, development and stakeholders" all-together initiative for integrated production of field vegetables in France. 3. International Symposium on Horticulture in Europe, SHE2016, Oct 2016, Chania, Greece. 2016. hal-01602854

**HAL Id: hal-01602854**

**<https://hal.science/hal-01602854>**

Submitted on 3 Jun 2020

**HAL** is a multi-disciplinary open access archive for the deposit and dissemination of scientific research documents, whether they are published or not. The documents may come from teaching and research institutions in France or abroad, or from public or private research centers.

L'archive ouverte pluridisciplinaire **HAL**, est destinée au dépôt et à la diffusion de documents scientifiques de niveau recherche, publiés ou non, émanant des établissements d'enseignement et de recherche français ou étrangers, des laboratoires publics ou privés.

ISHS Conference



# III International Symposium on Horticulture in Europe

---



Growing  
Health and Life

## Programme & Book of Abstracts

CHANIA, CRETE, GREECE, OCTOBER 17-21, 2016

III International Symposium  
on Horticulture in Europe  
SHE2016

Programme  
and  
Book of Abstracts

Chania, Greece  
17 - 21 October, 2016

Conveners  
Dr. Panagiotis Kalaitzis, Dr. George Manganaris

## **PICLÉG': A 'RESEARCH, DEVELOPMENT AND STAKEHOLDERS' ALL-TOGETHER INITIATIVE FOR INTEGRATED PRODUCTION OF FIELD VEGETABLES IN FRANCE**

Mathilde Causse<sup>1</sup>, Vincent Faloya<sup>2</sup>, Benoit Jeannequin<sup>3</sup>

<sup>1</sup>Inra- GAFL, BP 94, 84143 Montfavet Cedex, France;

<sup>2</sup>INRA, UMR IGEPP, BP 35327, 35653 Le Rheu, France;

<sup>3</sup>INRA, UE Systèmes de Production en Cultures, 66200 Alénya, France

Although representing an important activity in Europe with a share of 8.9% of the overall output value of the European agricultural industry, field vegetables are often considered as minor crops and concerned by minor uses, as far as availability of registered pesticides is concerned. Vegetables are recognized for their nutritional value and for their impact on human health. Consumers are encouraged to eat at least 5 portions of fruits or vegetables a day. To meet the expectations of consumers and the society, the production of vegetables has to meet high standards with respect to sustainability and safety. To face those challenges, French field vegetables growers called for an ambitious research program on sustainable cropping systems.

Under the umbrella of the Ministry of Agriculture, INRA decided, in 2007, to launch a Scientific Interest Group gathering the growers Union (Légumes de France), advisory services (CTIFL, Chambres d'Agriculture, experimental stations), and stakeholders from marketing (FELCOOP, INTERFEL) to processing (UNILET), called "Groupement d'Intérêt Scientifique pour la Production Intégrée des Cultures légumières" (GIS PIClég™). The purpose of the Group is to identify gaps in knowledge for implementing integrated production strategies, deduct research and development questions to be addressed, build-up common collaborative research and development projects, organize the follow-up of the projects and the promotion of the results towards end-users.

So far, 23 projects have been funded, including systemic approach for integrated production and economic analysis in production basins, integrated crop protection against soil-borne pests and diseases at the crop succession scale including biofumigation, insects control through landscape management and chemical ecology, analyzing of trade-offs between fertilization, crop vulnerability and product quality.