

EUCLID: Leveraging IPM for sustainable production of fruit and vegetable crops in partnership with China

Christelle Lacroix, Charlotte Chandeysson, Cindy E. Morris

▶ To cite this version:

Christelle Lacroix, Charlotte Chandeysson, Cindy E. Morris. EUCLID: Leveraging IPM for sustainable production of fruit and vegetable crops in partnership with China. 12. Rencontres Plantes-Bactéries, Jan 2016, Aussois, France. , 1 p., 2016, 12ièmes Rencontres Plantes-Bactéries, 11-15 janvier 2016, Centre Paul Langevin 75300 Aussois. hal-02739402

HAL Id: hal-02739402 https://hal.inrae.fr/hal-02739402

Submitted on 2 Jun2020

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.

EUCLID: Leveraging IPM for sustainable production of fruit and vegetable crops in partnership with China.

Christelle Lacroix, **Charlotte Chandeysson**, Cindy E. Morris INRA, UR0407 Plant Pathology, F-84143 Montfavet, France

EUCLID is a project funded by the EU in the context of H2020. The objective of the EUCLID project is to contribute to secure the production of food for the increasing worldwide population while developing sustainable production approaches to be used in the European and Chinese agriculture. The project will exploit knowledge developed in the last decades and will explore new methods of IPM to provide solutions to pest management for specific problems of European and Chinese farmers for a few important and emblematic crops that represent different production systems. These include leafy vegetables, table and wine grapes and tomatoes. These crops also represent different production systems. As one of the partners of the EUCLID consortium, the MISTRAL team at INRA-Avignon will contribute its experience in the development of biological control agents of diseases of fruit and vegetable crops and in elucidating life history and evolutionary ecological processes that can be leveraged to innovate new means to manage plant health that are compatible with sustainable agriculture and agroecological principles. We will present the objectives and workpackages of EUCLID and the research that the MISTRAL team will develop pertinent to the management of fungal and bacterial diseases of the model crops of this project.