

Open Source Simple Computer for Agriculture in Rural Areas (OSCAR)

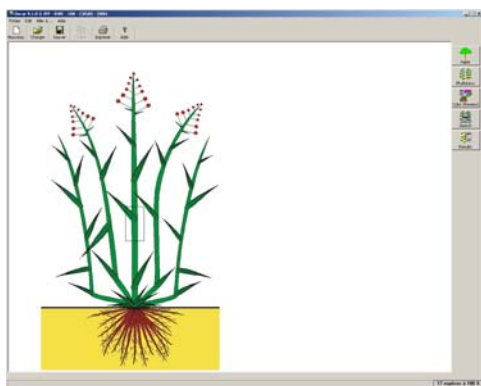
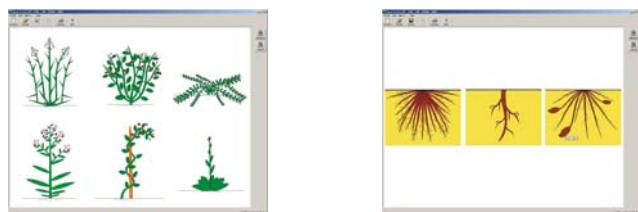


Objectives

The project aims to initiate cooperation between European and South Asian institutions for bringing new information technology (IT&C) to rural areas. This is done by helping to address the issue of declining agricultural productivity in South Asia by proposing a tool for decision-making in weed identification and control.

IDAO a multimedia aided Identification system

IDAO, the expert software that uses graphic interface based on a system which reconstitutes the plants using drawings. It has been designed to remove the main difficulties encountered by non-botanists when identifying species using standard flora.



Expected results

1- To adapt IDAO to a low-cost computing device, a Personal Digital Assistant (PDA), working with Linux (an Open Source Operating System) that can be shared among farmers of a local community.



2- To establish a central web-based database containing information on weed species and control which

should make it possible to keep software, drawings, descriptions and databases up to date. For more information see:

www.oscarasia.org
www.ifpindia/mangroves/



Applicant

French Institute of Pondicherry (IFP), India.

Partners

- Rice - Wheat Consortium for the Indo-Gangetic Plains (RWC), Delhi, India.
- Communication & Innovation Studies (CIS), University of Wageningen, The Netherlands.
- Cirad : Départements Cultures annuelles et Amis – Amap (UMR Botanique et bio-informatique de l'architecture des plantes), Montpellier, France.

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