

## DEVELOPMENT OF A TRAINING PROGRAM FOR ENHANCING THE USE OF ICT TOOLS IN THE IMPLEMENTATION OF PRECISION AGRICULTURE

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### **Training packages 2**

### **Case Study. Application of GIS in real farms**

### **Guidelines and questions**

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## 1 Objective

The aim of this case study is to see real examples in which GIS is applied in agriculture.

We will use some cases explained in the following document: ESRI. 2009. GIS in Agriculture. Available at: <https://www.esri.com/library/bestpractices/gis-for-agriculture.pdf> or in your training directory.

## 2 Guidelines

- Chose one of the 5 examples explained in the document.
  - a. Agribusiness Grows with Crop-Specific Maps
  - b. Better Crop Estimates in South Africa
  - c. Cyclone Nargis Leaves Its Mark on the Map
  - d. Purdue University Students Visualize Soils and Landscapes with GIS
  - e. In China, GIS-Based Land Registry Aims to Protect Farming Rights and Enhance Food Security
- Read carefully the information related to the selected case study and answer the following questions

## 3 Questions

Please, answer the questions in your own words:

1. What problem are they trying to solve?
2. How is the problem solved?
3. Which is the role of GIS to solve the problem?