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

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### **Training Package 1**

### **Reading. Definition of PA & Future perspectives**

### **Student guidelines**

Authors: UPC

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## 1 Objective

The aim of this reading is to learn about the definition, the current opportunities, the limitations, the key barriers to the implementation and future perspectives of Precision Agriculture.

## 2 Access to the document

You can find the document in your training directory (Precision Agriculture and ICT-FutureFarming.pdf). You can also find it in:

“Cheema, M.J.; Mahmood, H.; Latif, M.; Nasir, A. 8. Precision Agriculture and ICT: Future Farming. In Developing Sustainable Agriculture in Pakistan, 1st ed.; Khan, I.A., Khan, M.S., Eds.; CRC Press: Boca Raton, FL, United State of America, 2018; pp. 125-136.”

To read about the Precision Agriculture situation on European farms, you can also read the complementary document placed in your training directory: EIP-AGRI Focus Group on Precision Farming\_2015.pdf.

## 3 Questions

Answer the following questions according to the text.

1. Compare the situation of small farmers in Pakistan with those from your country. What similarities and differences do you find?
2. Can Precision Agriculture be considered as an innovative aspect around the world? And in Pakistan?
3. Identify agronomic problems that can be solved using Precision Agriculture practices. Write down two tools used in Precision Agriculture.
4. Explain how the mapping technique can or could be used in Precision Agriculture.

5. What two main problems does the authors detect for the future development of Precision Agriculture in Pakistan? Do you think your country has the same problems?