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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

Practical. Video about definition of PA

Tutor instructions

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Note to the teacher: This document contains mainly the same information as the document 'Student guidelines', except for the answers in blue color.

1 Objective

The objective of this practice is to learn about the definition, the objectives and the main benefits of Precision Agriculture.

2 Access to the video

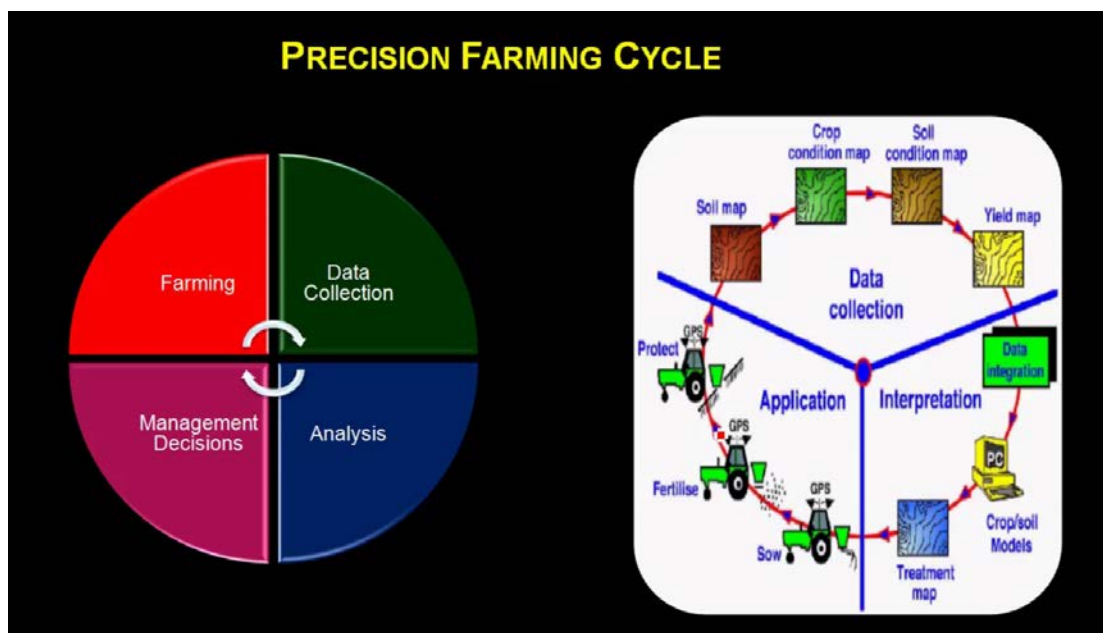
You can find the video in the following link <https://youtu.be/ao3UC9ZUK4o>. Also, you can find the video in your training directory (Precision Agriculture.mp4).

3 Questions

Answer the following questions according to the video.

1. Explain major aspects of the Precision Agriculture cycle.

The student should explain the Precision Agriculture cycle showed in the video.



They should relate both schemes in order to understand the steps of the precision farming.

2. Give a real example of applying Precision Agriculture using the scheme of Precision Agriculture cycle.

The students should indicate a real example of the scheme of PA cycle. For example:

Determine the exact moment of irrigation of a tomato crop in order to avoid problems with the Tip Burn.

- Data collection: A tensiometer is located in the field of tomato crop.
- Interpretation: When the tensiometer indicates a value lower than 30 cb the tomato crop must be irrigated.
- Application: The Irrigation system starts when the tensiometer indicates values lower than 30 cb.