



Intro to Agriscience

Precision Agriculture - Lesson 3 - Crossword Puzzle



Complete the crossword puzzle using the clues provided below.

Across

2. The first step in _____ making is to gather data.
4. An example of an unmanned aerial vehicle is a _____.
9. Having _____ years of data can help rule out variables due to rainfall, temperature, etc.
12. Trends are _____ outcomes that seem to occur when an individual decision is made.
13. Temperature and rainfall are examples of _____ data.
14. Planting a certain number of seeds per acre in a field is called the planting _____.
15. _____ are applied to very large broad areas of a field using Traditional Farming Practices.
16. Data can be downloaded to a portable storage device or _____ to the "cloud" for online access.
18. When data is gathered, it is stored in a _____ memory module within the equipment.
20. The final data collected for the year will be _____ and the price received for the crop.
21. There are two types of soil sampling: _____. (no spaces between words)
22. Traditional farming practices are very _____.

Down

1. It is important to realize that higher yield does not always result in higher _____.
3. Data is compared to see if there are any _____ between decision made and a direct effect.
5. Adjustments can be made _____ using Precision Agriculture.
6. A field boundary uses _____ coordinates to outline an area of interest on which data is collected.
7. Soil sampling is an example of _____ sampling.
8. Precision Ag utilizes many _____ to gather data.
10. Remote sensing is helpful in identifying crop _____ issues before noticeable to the eye.
11. Soil temperature, soil moisture pH and organic matter are examples of _____ data.
12. Seed depth and _____ are examples of active that is collected.
14. The data gathered in _____ Ag is very objective.
17. Data collected using remote sensing comes in the form of _____ files so it can be uploaded into the user's software.
18. Data layering helps an operator see how decisions work _____ to find the best mix of those decisions.
19. Soil samples are sent to a laboratory for _____ to determine soil pH, soil fertility, soil fertility needs, etc.



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