



## **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.



# Intro to Agriscience

## Precision Agriculture - Lesson 3 - Crossword Puzzle



The crossword puzzle grid consists of 22 numbered starting points for words:

- 1: Down, 10 letters
- 2: Across, 7 letters
- 3: Across, 6 letters
- 4: Across, 4 letters
- 5: Down, 5 letters
- 6: Down, 6 letters
- 7: Down, 6 letters
- 8: Down, 6 letters
- 9: Across, 6 letters
- 10: Down, 5 letters
- 11: Down, 6 letters
- 12: Across, 5 letters
- 13: Across, 10 letters
- 14: Across, 10 letters
- 15: Across, 8 letters
- 16: Across, 7 letters
- 17: Across, 5 letters
- 18: Down, 6 letters
- 19: Across, 5 letters
- 20: Across, 6 letters
- 21: Across, 10 letters
- 22: Across, 10 letters

A black square is located at the intersection of 4 and 6.