

Unit 4 - Planting

Introduction

In this unit students will learn about precision hardware on planters and seeders; describe how the different systems on a planter work; identify the differences in manufacturers in the market and explain future trends.

The activities and assignments are designed to expose students to how precision Ag systems integrate on a planter/seeders with an emphasis on providing “hands on” exercises.

Objectives

In this unit students will

- Identify and describe how precision agriculture has evolved the modern planter.
- Explain what is driving the different planter technology evolving.
- Discuss the technology on the planters by manufacturer.

Readings and Resources

- Unit 4 Planting Outline
- Online Tutorials
- Links to online resources

Assignments

Complete:

- Readings
- Discussion 4
- Project 4
- Quiz 4

Please complete the activities below. If you have any questions, please message me. Make sure to read the material in "Readings and Resources" above. Thank You!

Discussion 4 -

What are the future trends in planting? Describe what current trends in planting technology are doing. What do you think a planter is going to look like in 20 years?

The discussion board forums are an opportunity to have thoughtful discussions about a given topic in precision agriculture. The questions raised will be general in nature and ask you to think deeply.

Please post your initial response by the due date listed in the Course Calendar. Students should then respond to at least one classmate’s initial post.

This discussion is worth 20 points.

Project 4

Planter technology trends. Contact a local equipment dealer that actively is selling planters. Interview him/her about the current technology offered on their planters and how it benefits the farmer. Ask them about what technology is coming in the near future for their planter line.

Complete the project, save, then upload the document for the project by clicking on the Project Title.

This assignment has a point value of: 20 points

Quiz 4

The quiz for this module contains 20 multiple choices and true/false questions. Students will have one attempt and a 30 minute time limit to complete the quiz.

This quiz has a point value of: 20 points