

Assignment Planter Drive systems

Using the internet, class notes and other resources identify the drive systems of John Deere, Kinze, White, and an imported brand identify the planter drive system of each and answer each of the following questions about your research.

1. What are the possibilities for ON/Off technology in a planter?
2. What is the On-Off technology used in each system?

John Deere	Kinze	White	Import

3. In adding precision technology to a planter why is knowing the on/off technology important?
4. What is the Variable Rate Control technology used in each of these planters?

John Deere	Kinze	White	Import

5. Why is variable rate control systems important to precision planting technology?
6. How is variable down pressure control applied in each of your corn planter models?

John Deere	Kinze	White	Import

7. What planting factor is affected by down pressure? Why is this important in precision technology?
8. What other precision control devices are used (if any) in these planters?

John Deere	Kinze	White	Import

9. Evaluate the positive and not positive aspects of the total technology of each brands precision equipment as if you were advising a farmer

John Deere	Kinze	White	Import