

Name:

Soil Conservation

Watch the following Youtube video, https://www.youtube.com/watch?v=I_7d0h2bSoY.

1. What are the functions of soil?
2. What happens in a tilled field?
3. Why is it important to have residue on the top of the soil? What does it protect the soil surface from? Why is it important to protect the soil?
4. Water can move through the surface through the _____ holes to get the water down to the soil.
5. How long is the process of no-till farming?
6. What do you want to get rid of when you start no-till farming?
7. What was the difference between a cultivated field and a no-till field?

Video 2: <http://vimeo.com/28775335>

8. What was the visual difference between the left and right crops of cotton?
9. What caused this visual difference between the left and right crops of cotton? What did the left side use that the right side did not use?
10. What were some of the differences that he talked about in the video?

Video 3: <http://vimeo.com/12692006>

11. What results did the farmer see when he transformed his farm to no-till?