

**Fall Field Day Agenda
October 11, 2019**

9:30-9:45 Welcome by NB Foundation and Dr. Wee
9:45-10:15 Session 1
10:15-10:20 Move
10:20-10:50 Session 2
10:50-10:55 Move
10:55-11:25 Session 3
11:25-12:05 LUNCH
12:05-12:35 Session 4
12:35-12:40 Move
12:40-1:10 Session 5
1:10-1:15 Move
1:15-1:45 Session 6
1:45-2:00 Closing with Session Leaders and NB Foundation

Sessions:

- 1. Using Drones to Observe Farm Practices -Tad Mueller**
-Students will be introduced to drones, an overview of their use and related laws, and get an opportunity to fly a drone to view the Borlaug Farm.
- 2. Water Quality, Soil Health Bucket -Dale Dennler**
- 3. Rainfall Simulator (Winn Co NRCS)**
-A rainfall simulator trailer will be used to demonstrate erosion on different types of soil and tillage. In addition to showing clearly the runoff generated on each soil type, this shows what goes into a tile system beneath each sample.
- 4. Animal Nutrition and Grazing Management - Dave Lawstuen**
-Improving Soil Health is foremost on the minds of livestock producers today. One of the most efficient ways to accomplish this is to utilize cover crops in conjunction with corn silage production. Not only do cover crops improve the soil but they are a valuable source of nutrients for our animals as well.
- 5. Iowa Corn Trailer (Mike Finarty)**
-The Iowa Corn Promotion Board has designed and built a mobile educational unit looking to travel to your next event! Learn how corn is grown by farmers right here in Iowa. From the food on your table to the gas in your car, the classroom on wheels is a fun, interactive experience for Iowans of all ages!
- 6. John Deere GPS/Mapping - Rodney Necker, Matt Johnson & Neil Grube**
-A John Deere Gator equipped with the latest technology of Precision Ag will be used to discuss the benefits of using the products for field prep, planting, applying and harvesting. The components that make things like Auto Steer, Mapping, Machine Information and Wireless Data Transfer happen will be shown.

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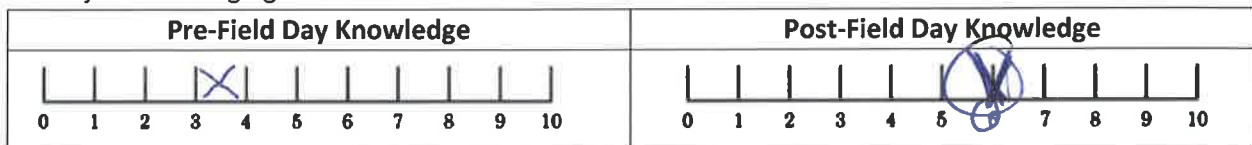
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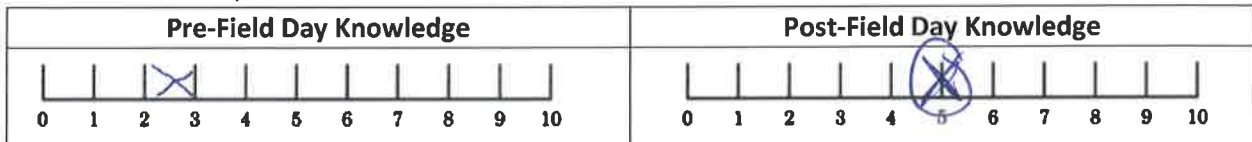
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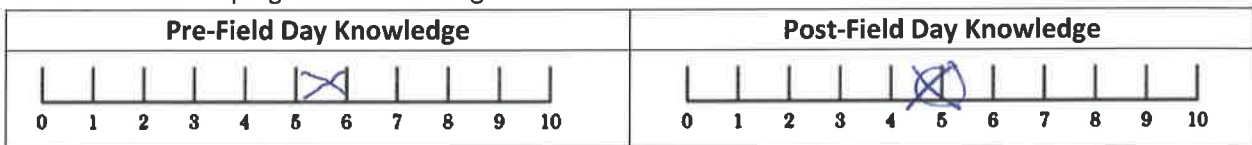
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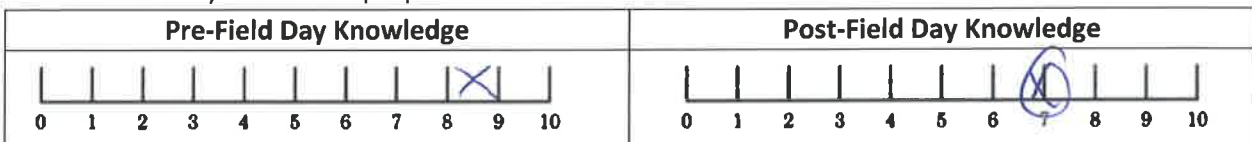
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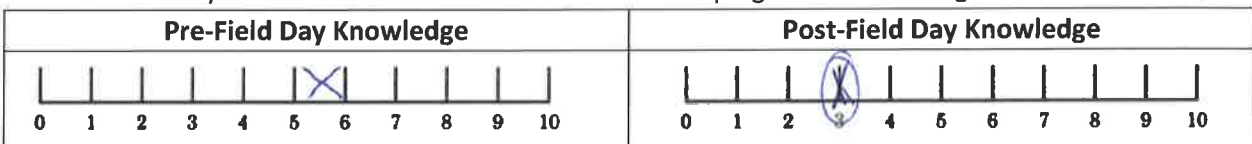
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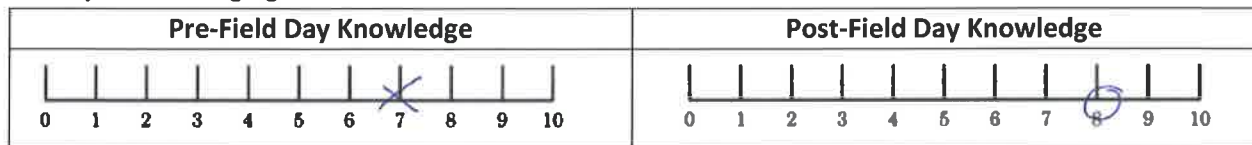
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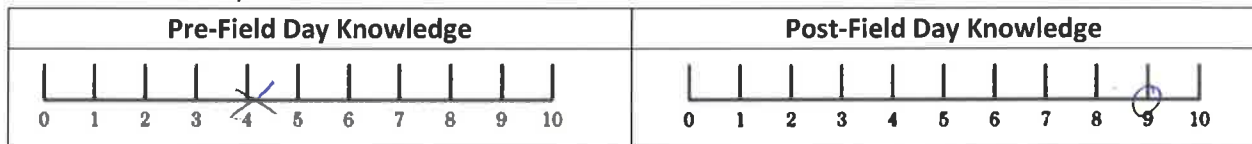
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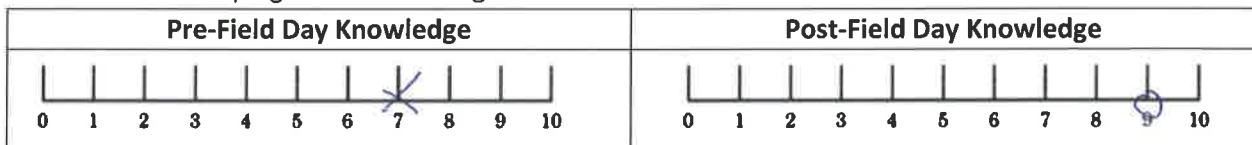
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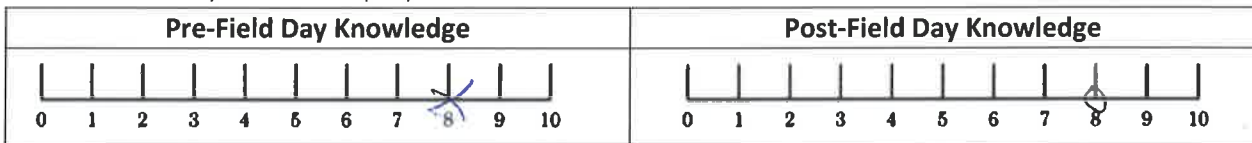
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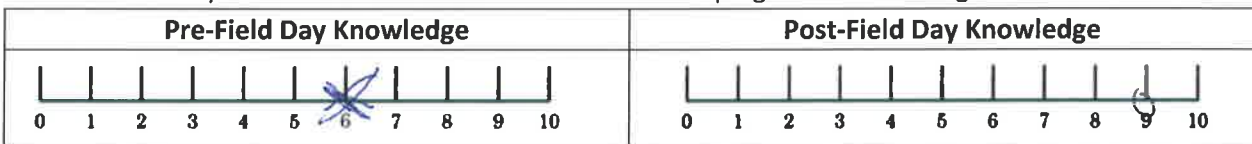
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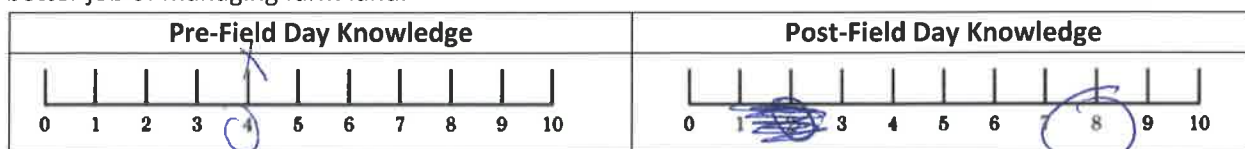
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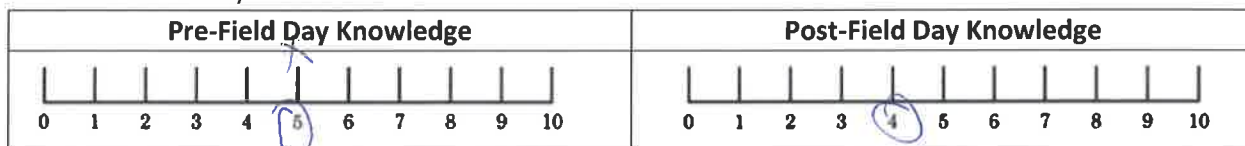
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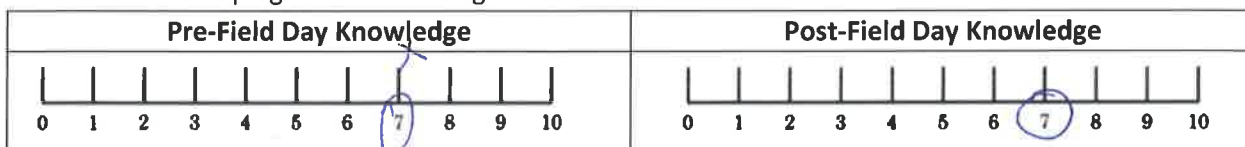
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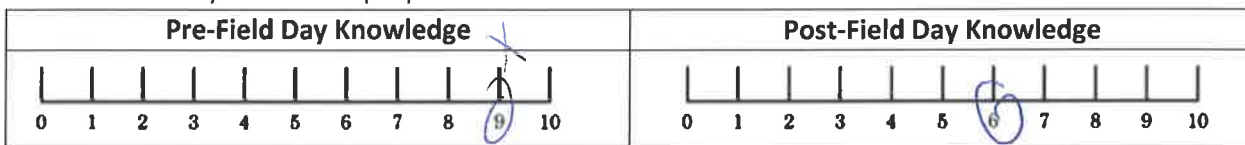
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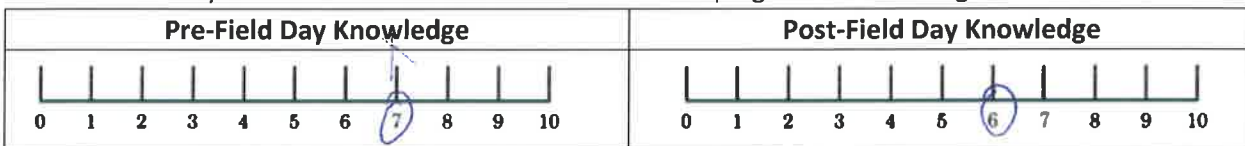
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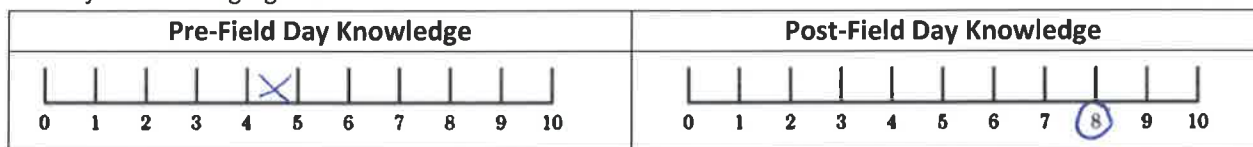
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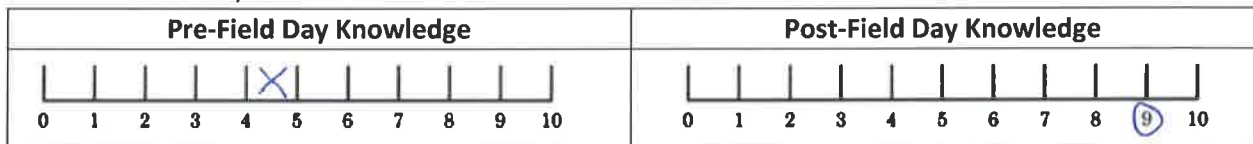
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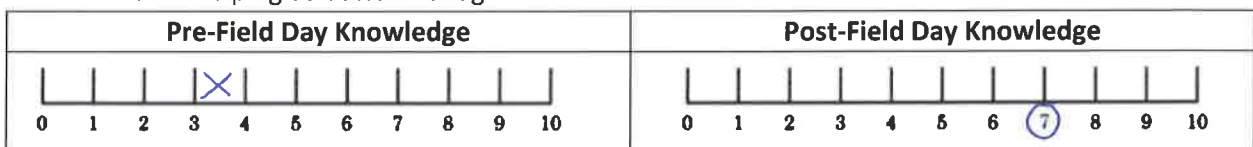
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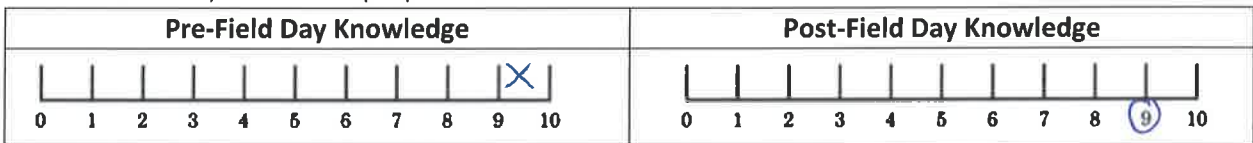
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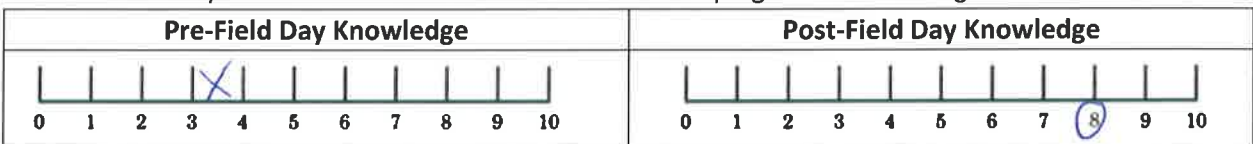
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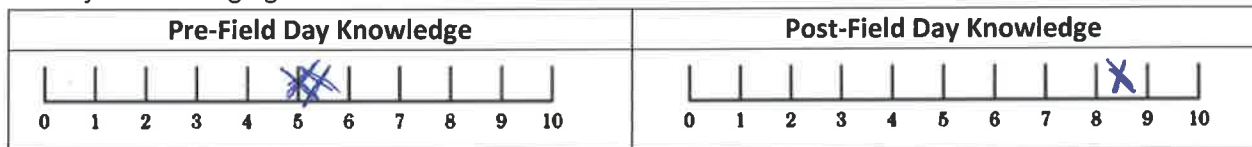
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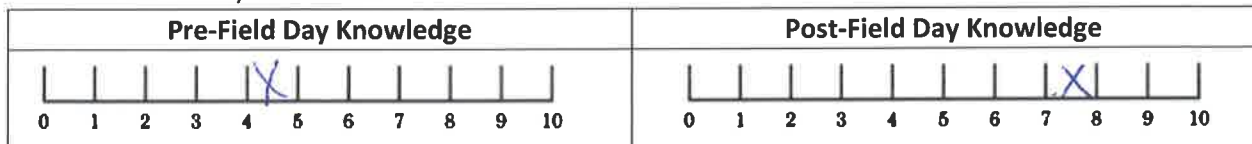
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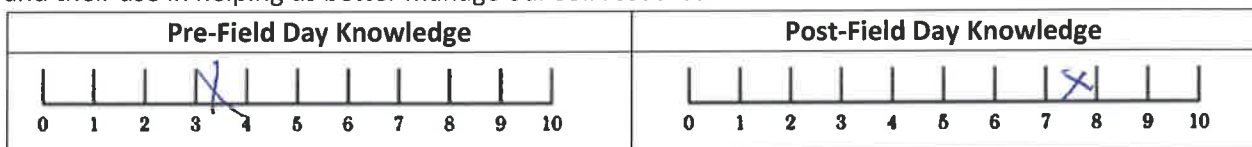
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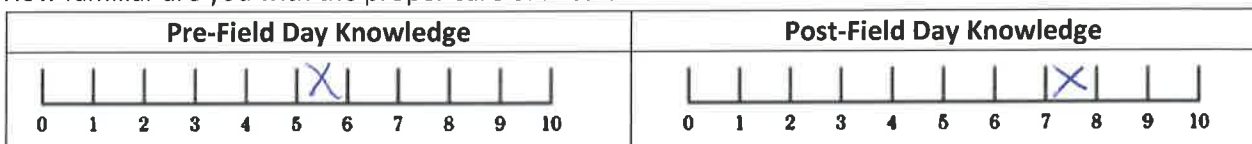
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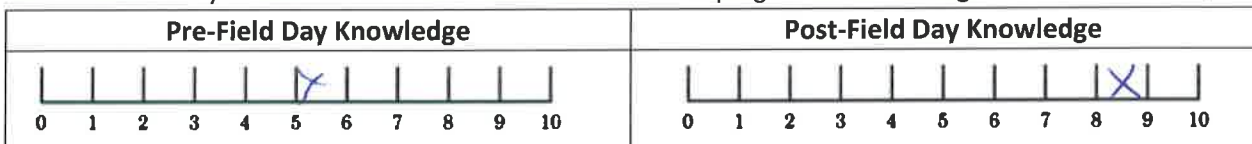
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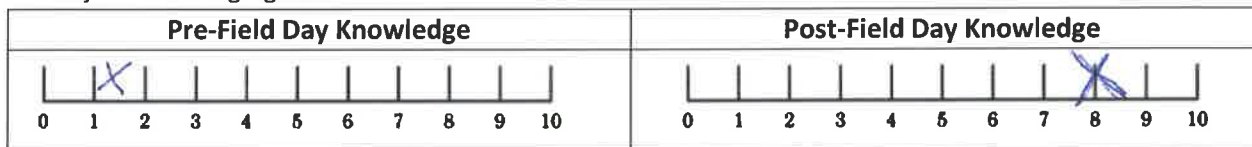
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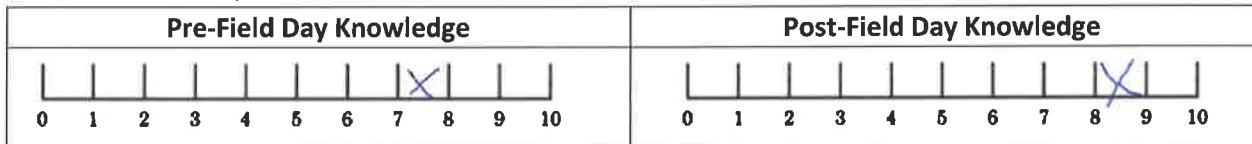
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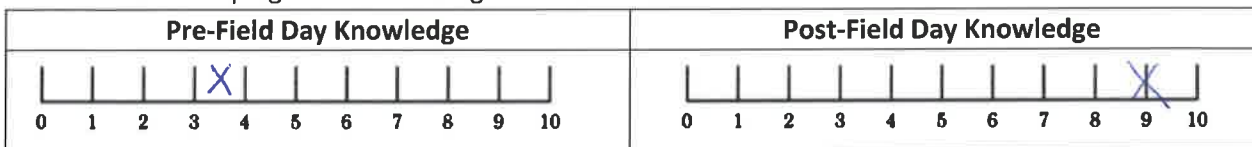
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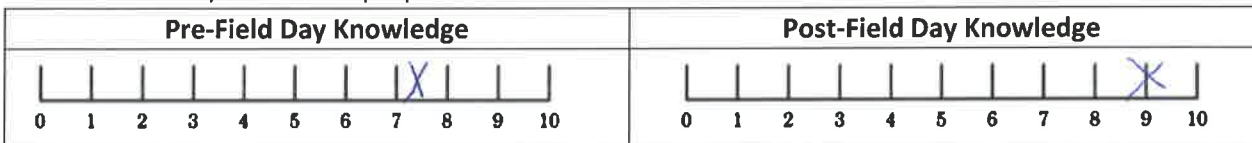
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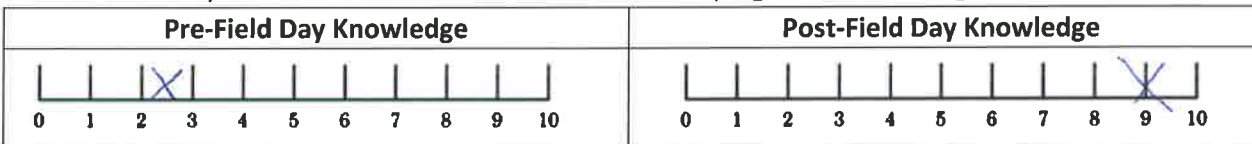
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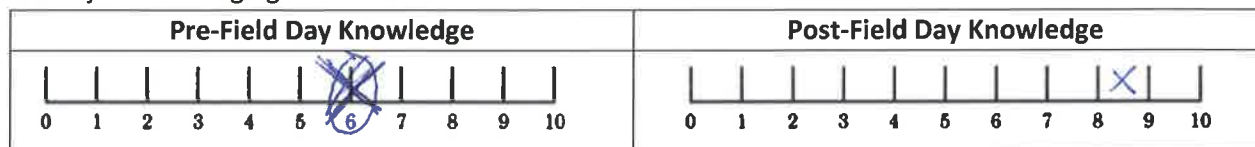
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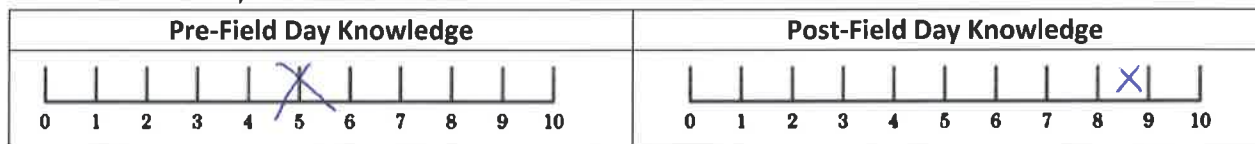
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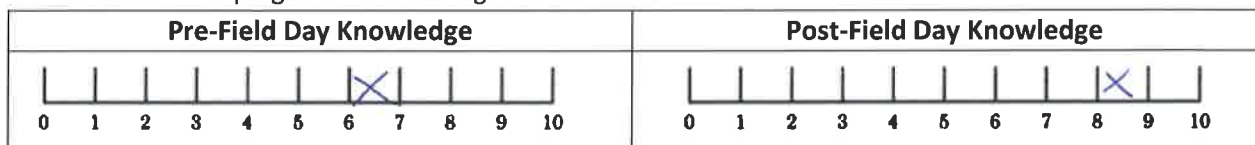
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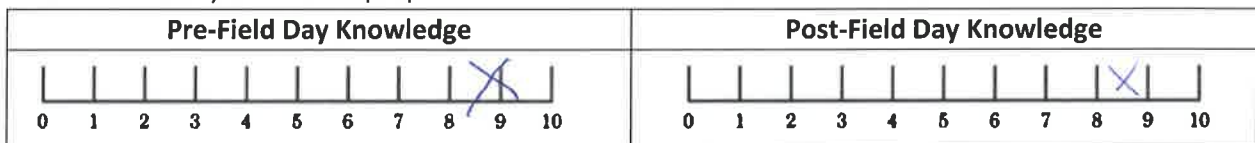
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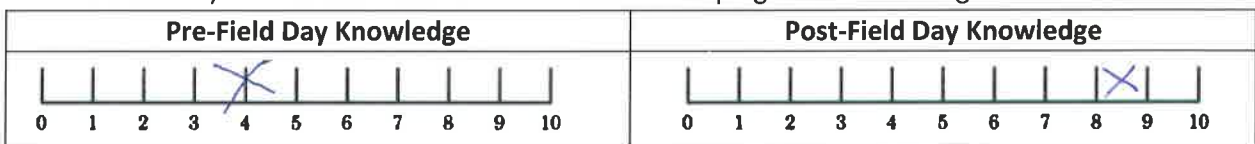
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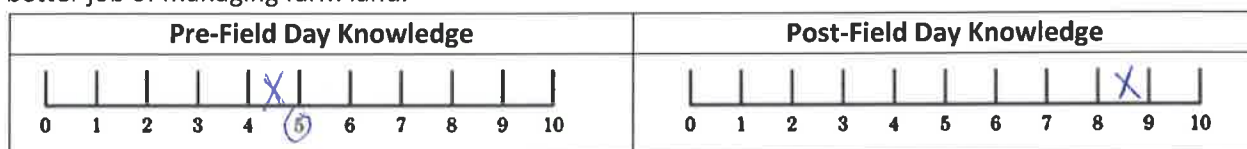
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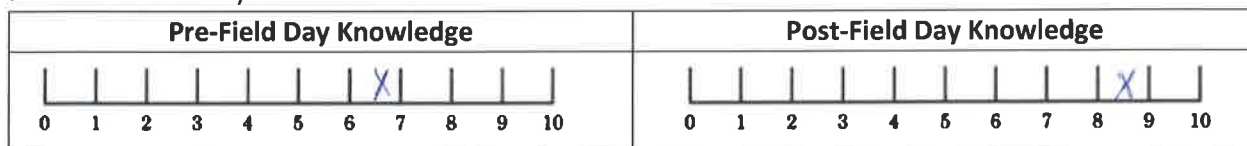
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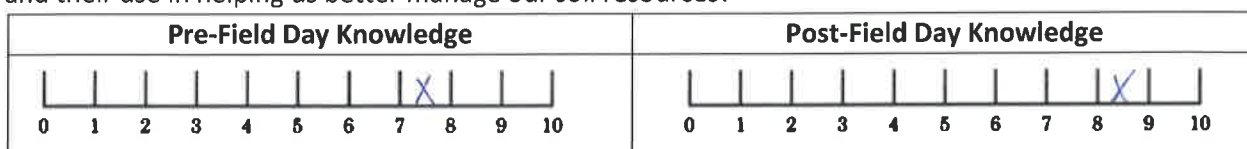
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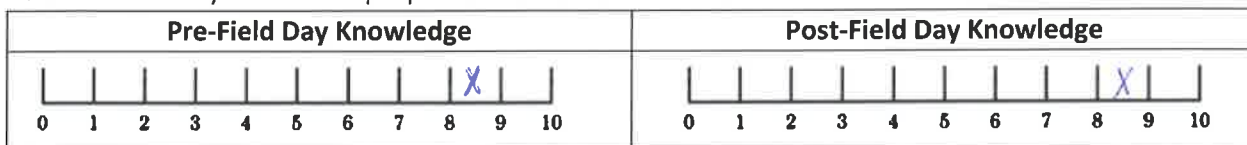
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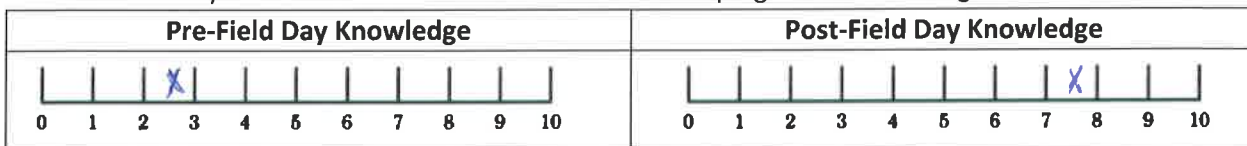
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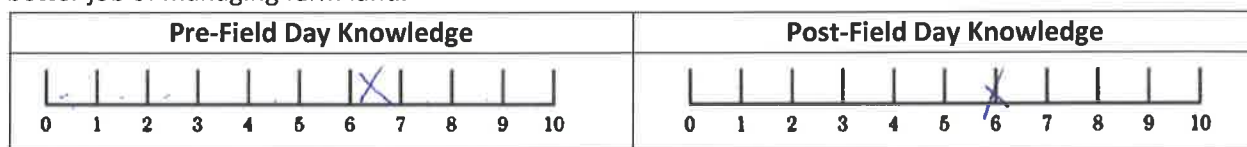
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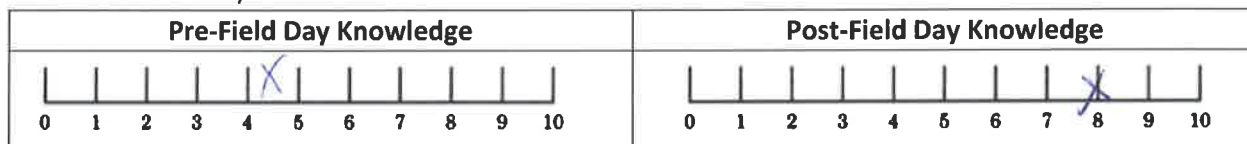
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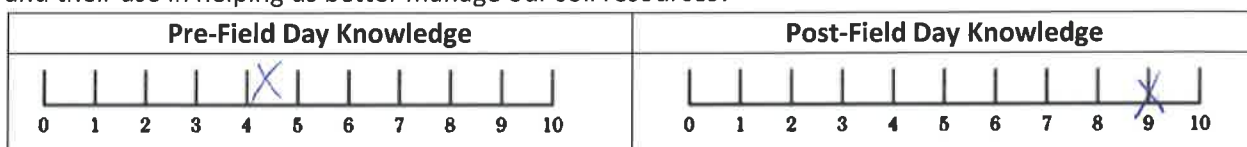
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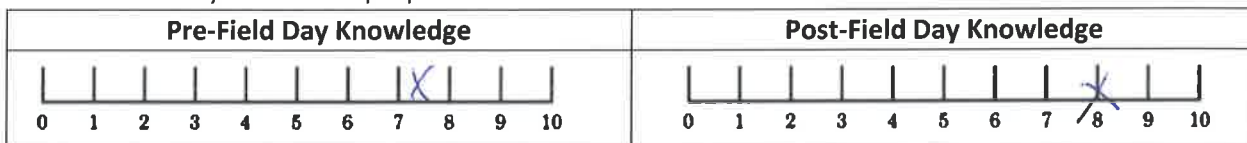
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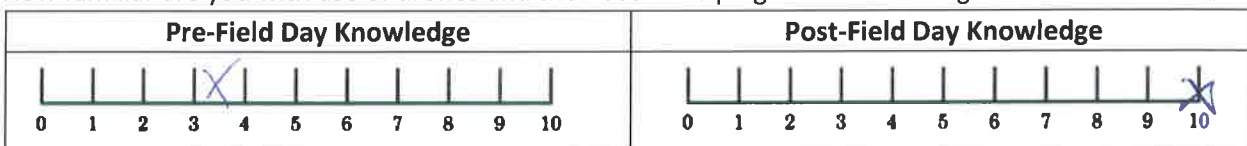
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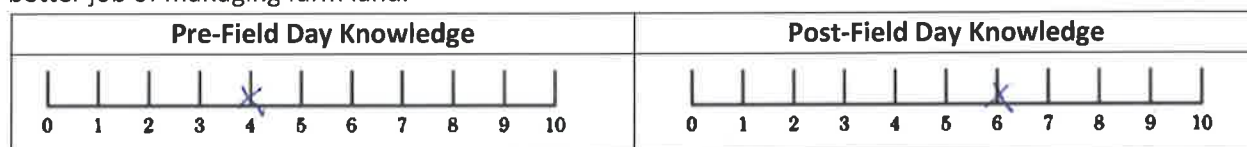
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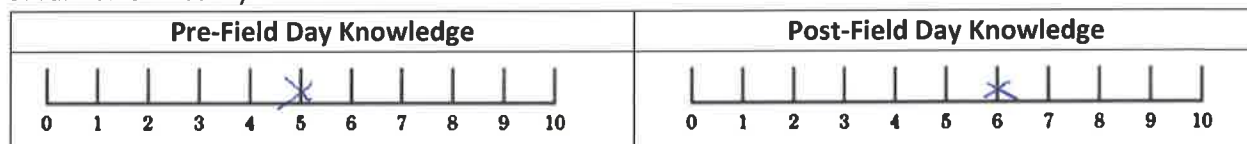
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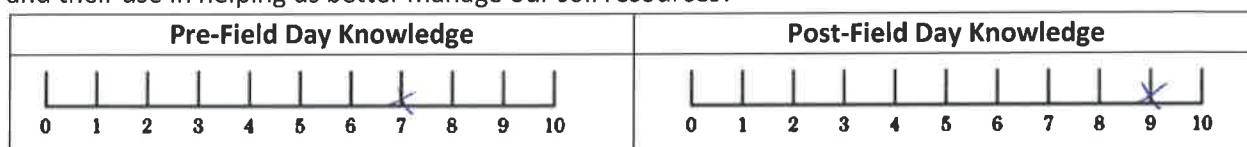
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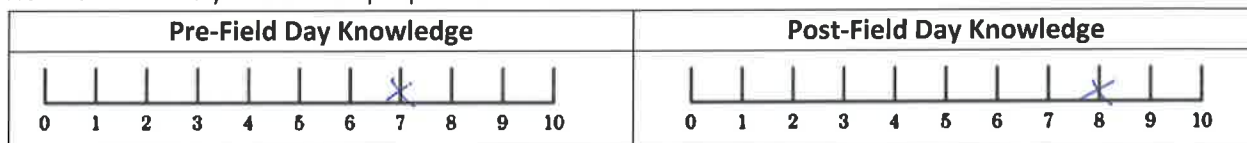
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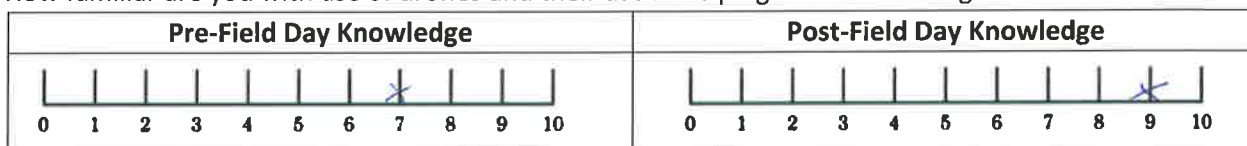
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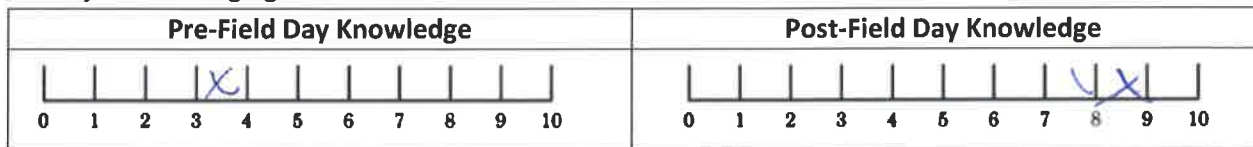
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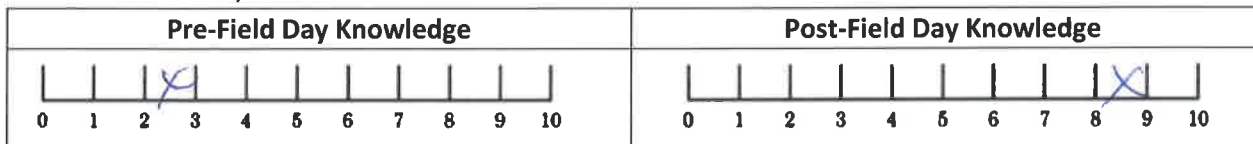
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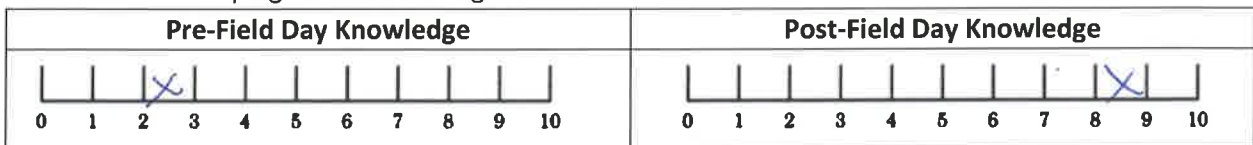
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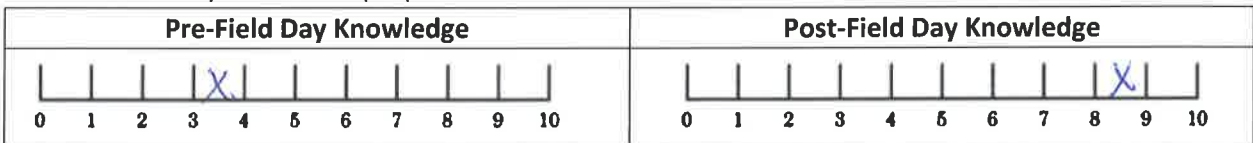
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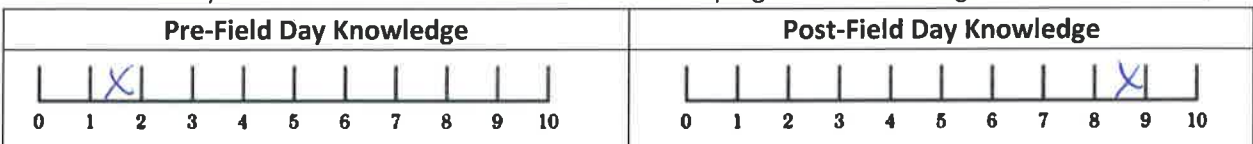
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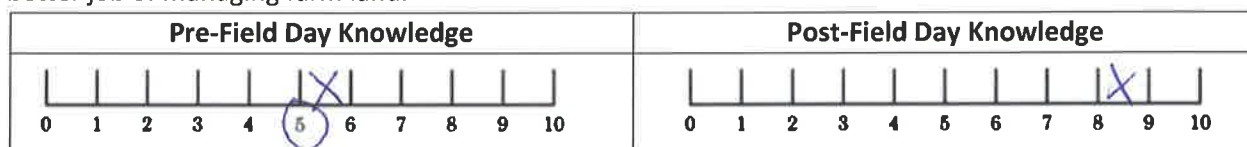
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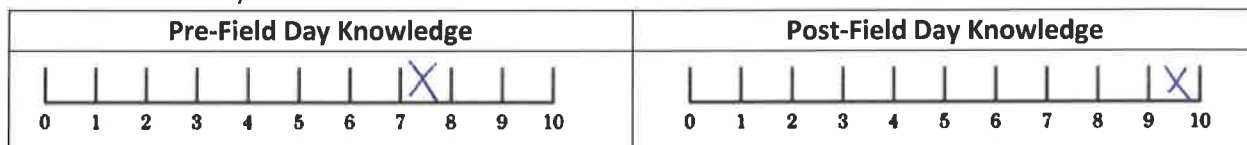
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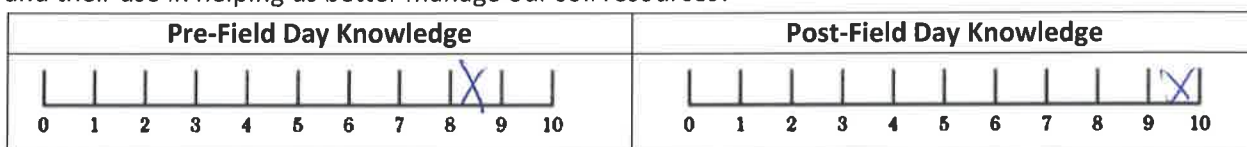
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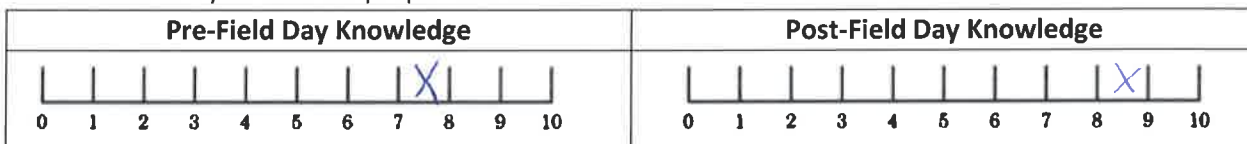
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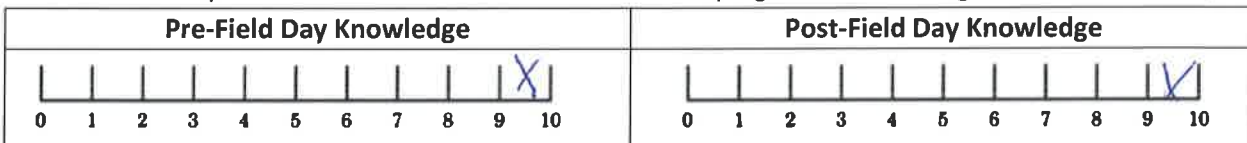
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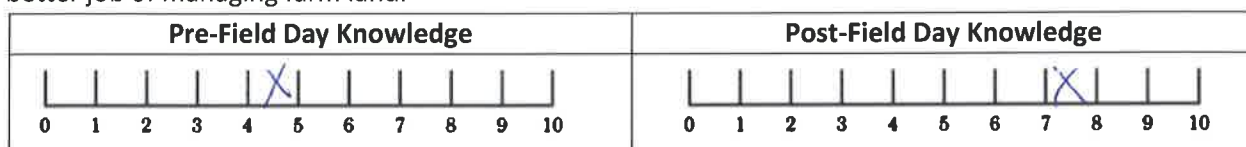
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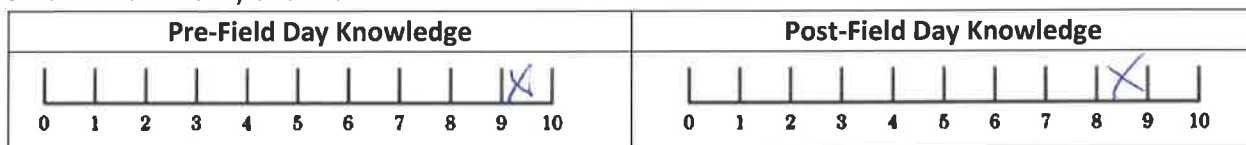
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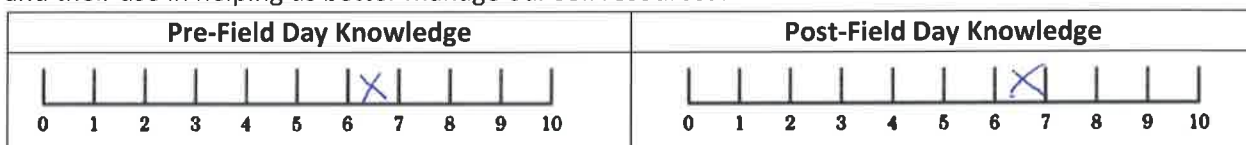
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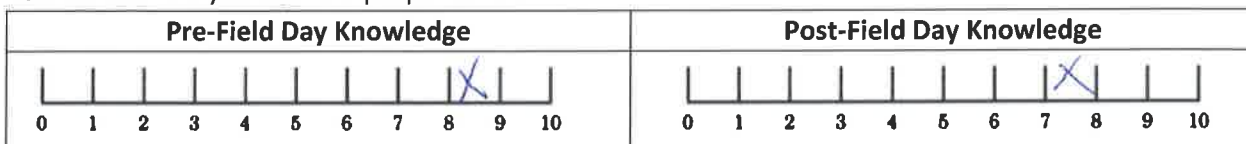
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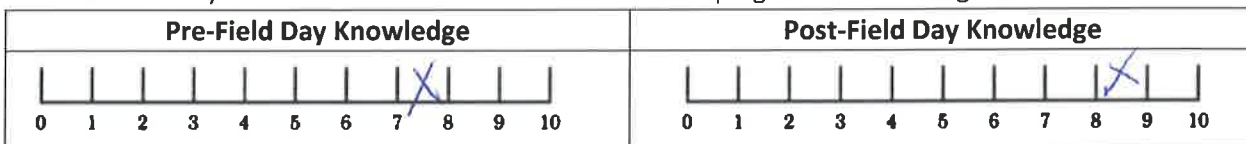
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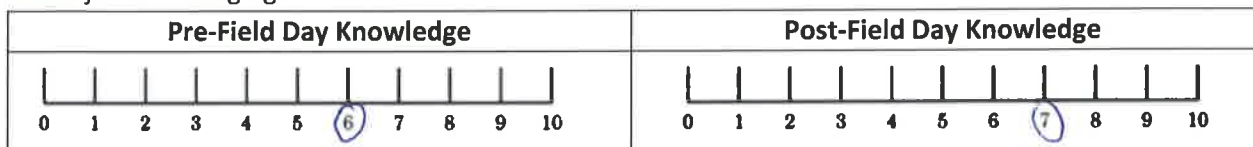
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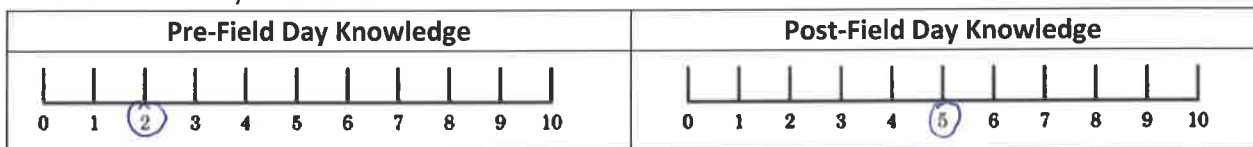
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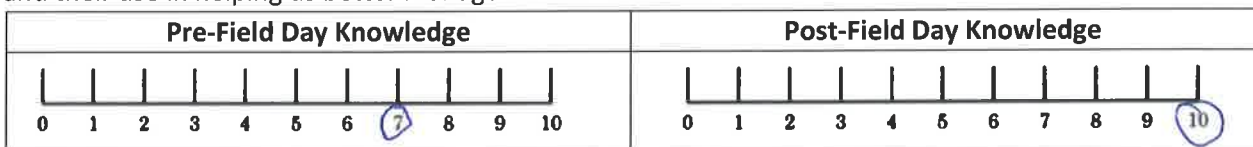
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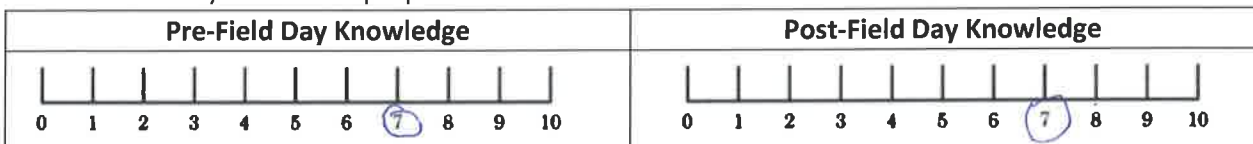
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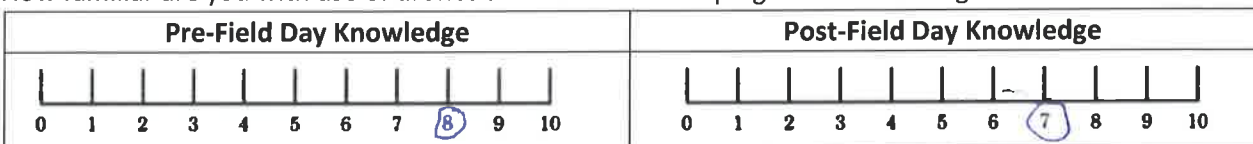
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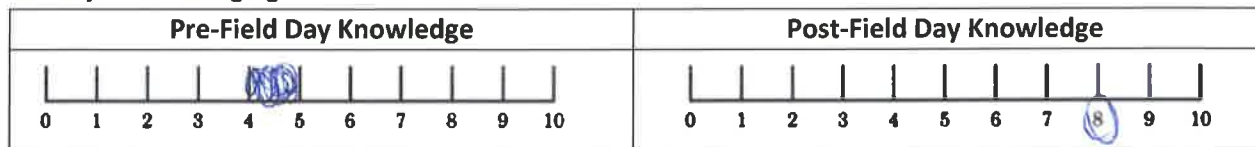
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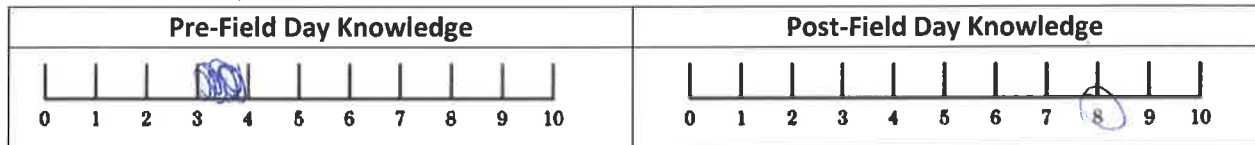
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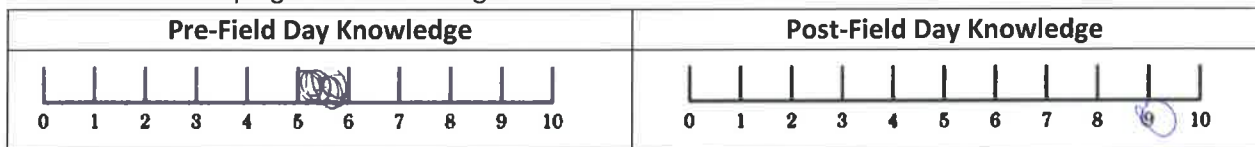
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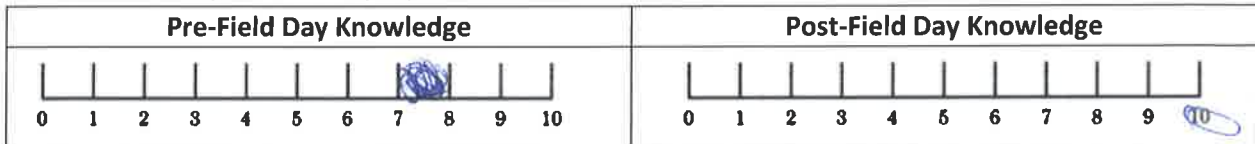
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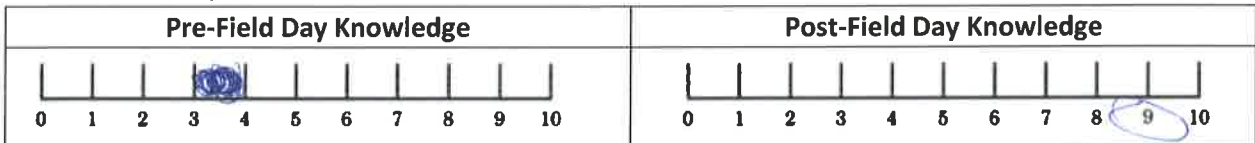
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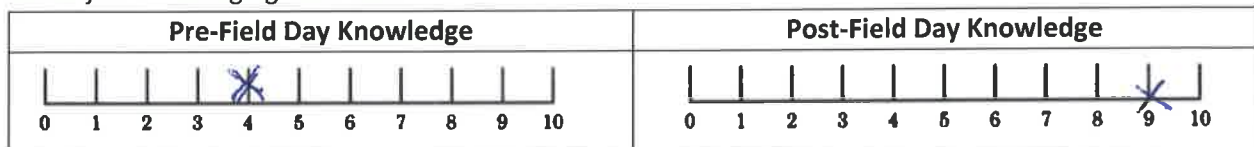
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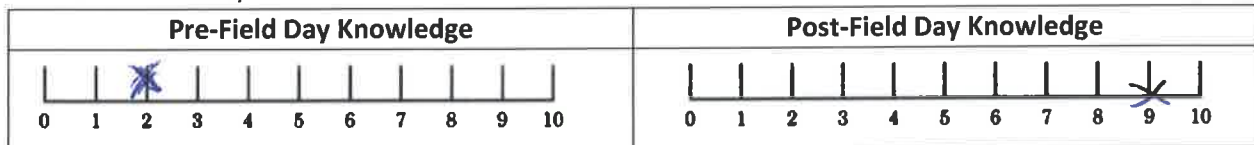
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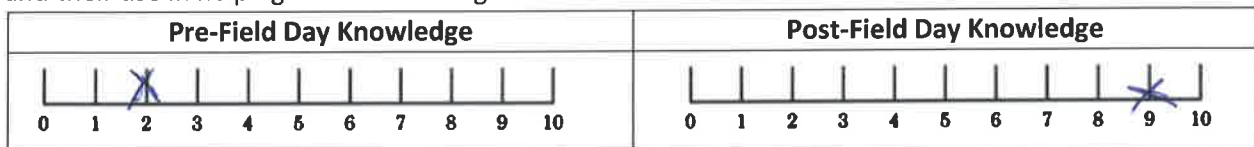
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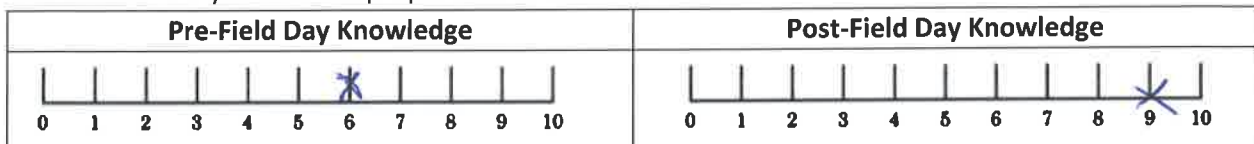
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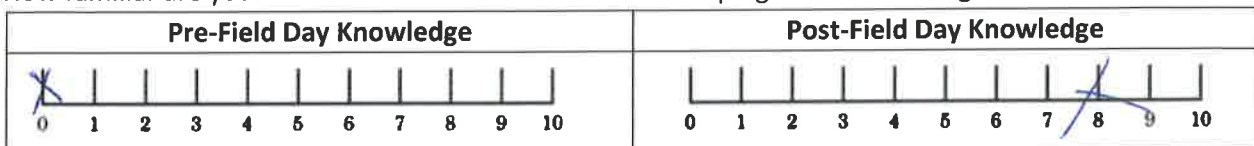
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This material is based upon work that is supported by the National Institute of Food and Agriculture, U.S. Department of Agriculture, under award number 2018-38640-28416 through the North Central Region Sustainable Agriculture Research and Education program under subaward number H007179327. USDA is an equal opportunity employer and service provider. Visit www.NorthCentralSARE.org.

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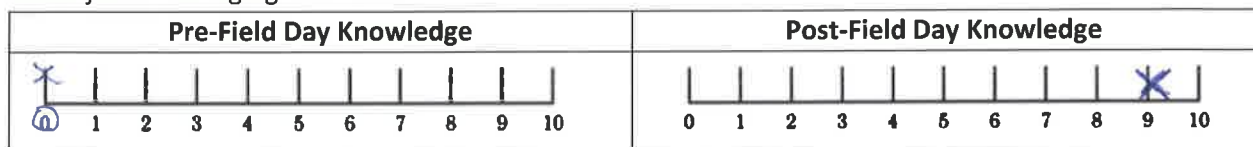
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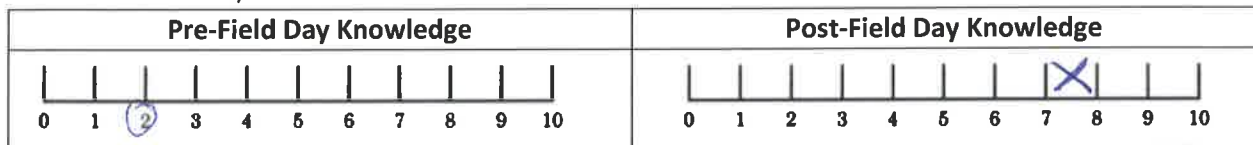
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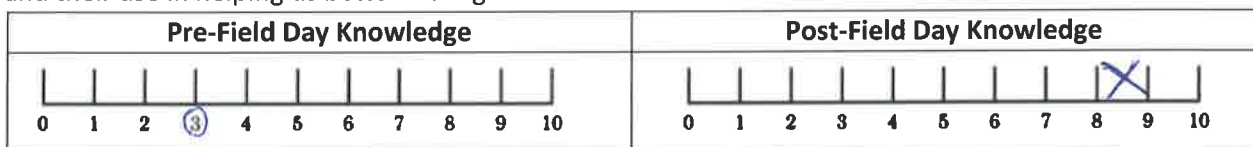
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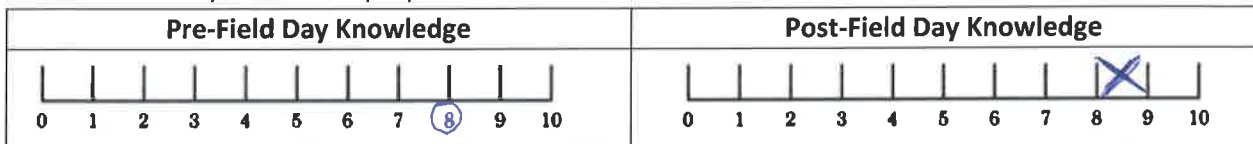
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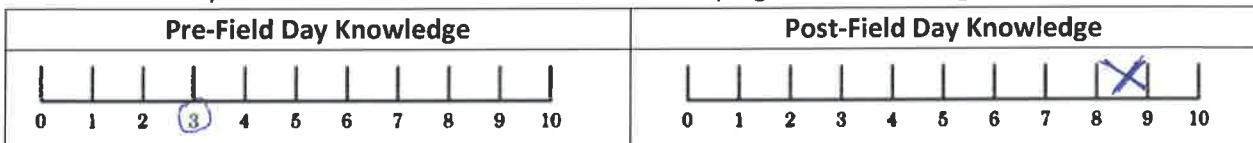
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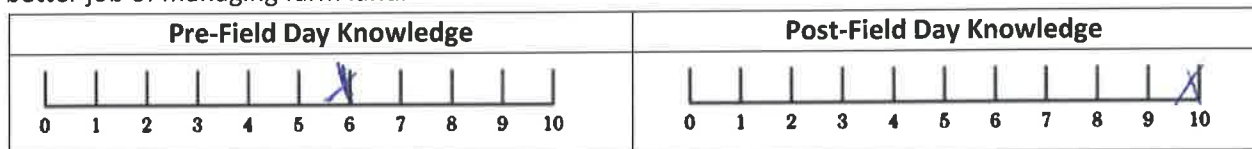
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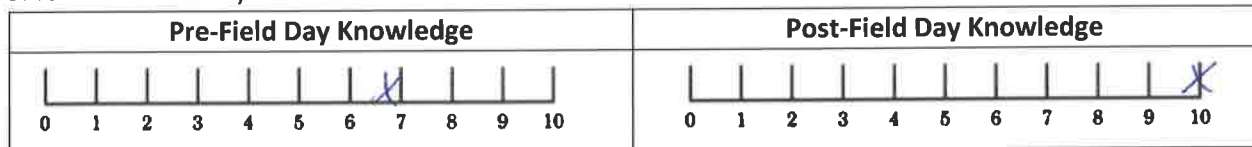
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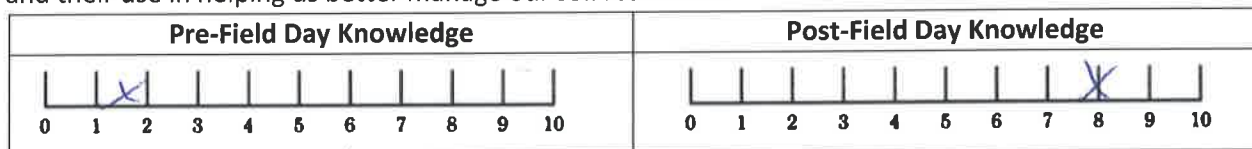
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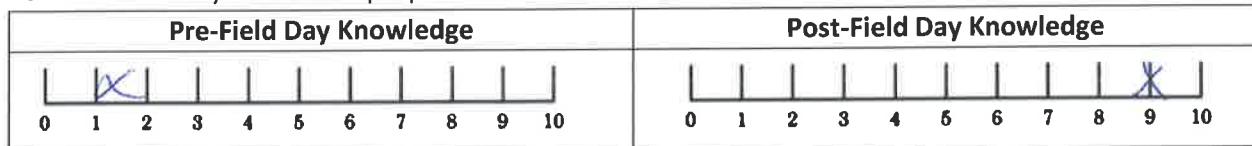
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