

Boosting the Chemistry of Soil

Case Study Deck Questions - Teacher

Answer the following after the presentation.

1. What year was this data collected?

2019

2. What do you know about the spring this year?

Wet conditions delayed planting across Ohio

Use sites like this one: <https://www.timeanddate.com/> or weather.com or weatherspark.com to answer the following questions:

3. What is the average amount of rainfall in April and May in South Charleston, Ohio?

April : 2.8 inches May: 2.7 inches

4. What was the total rainfall in April, May and June 2019?

April 2019: 1.64 inches, May 5.95 inches, June: 6.4 inches

5. How many days in April, May and June was rain reported? Which site did you use? How can you account for differences in this data?

April 2019: 15 days, May: 22 days, June: 16 days

6. What happened in July, August and September?

Too little rain

7. What is a normal planting date for soybeans in Ohio?

Late April

8. How many days does it take for soybeans to mature (from planting to harvest)? What class of soybean would you expect to be planted in this part of Ohio?

Soybeans mature in 90-150 days depending on the variety

Relative maturity of 3 for this part of Ohio would be used.

9. How might you analyze this data? Begin to think about what you need to know and how you plan to determine if the data supports that the product works or not.

*This document may be reproduced for educational purposes, but it may not be reposted or distributed without crediting GrowNextGen and The Ohio Soybean Council and soybean checkoff.

