

Accuracy versus precision. Answer each of the following questions and submit to the instructor in Canvas and then post into Canvas Discussion board Accuracy versus Precision discussion board and answer the discussion question and discuss responses from two classmates.

1. Define accuracy.
2. Define precision.
3. What causes inaccuracy?
4. What is the cause of precision errors?
5. Does making a response more accurate make it more accurate? Why or why not?
6. Does making a response more precise make it more accurate? Why or why not?
7. Are accuracy and precision mutually exclusive? Explain why or why not.
8. Create a diagram of an accurate measurement.
9. Create a diagram of a precise measurement.
10. Discussion board question. Please respond on the discussion board to the following and respond to at least two classmates' discussions for full credit. Rubric below. Discuss: In agriculture we are much more interested in accuracy or precision, choose one and defend your answer.

Rubric for discussion answer and responses

Item	4-5 points	2-3 points	0-1 points
Correct answer	Correct answer with an appropriate reason	Correct answer with no apparent reason or an incorrect answer with a strong logical well-reasoned defense.	Incorrect answer and no defense or incorrect defense
Grammar, Spelling	No errors or 1 error that does not affect the communication of information	2-5 errors in grammar or spelling or a single error that hampers communication	More than 5 errors and/or multiple errors that hamper communication.