

**Test Key
For Event Use Only**

2017 Agronomy CDE- Variety Selection Practicum Questions

Circle the Most Correct Answer

Answers and an Explanation of the Answer

1. Why might you choose NK9227 &/or MY92D54 to plant some of your acres even though they are low on the yield list?
- a. Helps diversity of relative maturities seeded?
 - b. Due to whether you get seeded weeks later than normal?
 - c. Due to drought and abnormally high winds?
 - d. All of the above**

The correct answer is (d) All of these considerations are helpful.

2. Are plot trial yields the best way to choose variety?
- a. Yes! If the trials are near your farm.
 - b. Yields are important but the other factors need to be considered important as well.**
 - c. No! Yields are unimportant relative to the market price of corn.
 - d. Yes! If it is a full moon when you plant and your socks are wet.

The correct answer is (b) Yield trials are very helpful if applicable to your farm but are just one of many factors to be considered.

3. Why could any of these seven (7) varieties be acceptable choices?
- a. They are above average in most categories.**
 - b. They have the same set of genetics and attributes.
 - c. They fit my farm and the farm I plan to buy from the lower Amazon region of Brazil.
 - d. They are all sold by my cousin who I like even though he doesn't know much about seed.

The correct answer is (a) since your top picks should come from the best and the broader appropriate information the better.

4. **T/F** It should be a consideration of how many acres of corn you have to harvest relative to your harvesting capacity in choosing relative maturities (RM).

The correct answer is (True). If you haven't the harvest capacity available that is needed in most years, you have to spread out your harvest dates (have a wider range of relative maturity corn hybrids).

5. **T/F** It would not be advisable to use more than one variety and different relative maturities (RM).

The correct answer is (False). It is always advisable to use more than one variety and maturity to hedge your decision.

6. **T/F** When making seed decisions, all of the following may come into consideration: rational, informed, emotional, less effort, financial, contingent (e.g. My seed seller is also one of my landlords and leases me his land for 1/5 less than my other leases.)

The correct answer is (True). There are these and other factors which need careful consideration for one to arrive at the best decision.

7. **T/F** I can help break a disease cycle in corn by planting soybeans every other year or every third year.

The correct answer is (True). A monoculture year after year in the same field greatly increases your odds for invasive pathogens to enter your operation.

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