

Unit: Crop Science

Name _____

Lesson 7: Harvesting and Storing Grains

Date _____

Evaluation

True/False (Place the correct response in the blank provided.)

- ___ 1. Premature harvesting usually results in smaller yields and reduction in quality.
- ___ 2. The percentage of moisture in the grain varies with the stage of maturity.
- ___ 3. Wheat is usually harvested by direct combining when the grain moisture is above 16%.
- ___ 4. Direct combining works best when the crop ripens unevenly and the grain moisture is low.
- ___ 5. Excessive moisture usually results in the deterioration of stored grain caused by mold growth and heat damage.

Circle the letter that corresponds to the best answer.

- 6. Drying grain with unheated air should be used when grain moisture content is no more than
 - a. 15% moisture
 - b. 30% moisture
 - c. 45% moisture
 - d. 60% moisture
- 7. For final drying, unheated air should contain less than
 - a. 10% to 15% humidity
 - b. 20% to 25% humidity
 - c. 50% to 60% humidity
 - d. 80% to 90% humidity

8. One benefit of drying with unheated air is
- a. Discounts on fuel costs
 - b. Lower initial equipment costs
 - c. Increased supervision
 - d. Overdrying
9. What is one disadvantage of drying grain with heated air?
- a. Wetter grain can be dried
 - b. Less time is required to dry grain
 - c. More supervision is needed
 - d. Weather conditions have little effect on drying time