

Begin the first round by asking each participant to check their buzzer to ensure they are all working correctly. Then ask the following sample questions so players can get used to the style of the round.

## **SAMPLE QUESTIONS:**

- 1. A farmer will stop milking a cow about 2 months before she has he next calf. What are these 2 months known as?**

*A: Dry Period*

- 2. A statement of financial condition or net worth statement is commonly referred to by another name. What is this name?**

*A: Balance Sheet*

## ROUND ONE:

### TOSS UP QUESTIONS ROUND 1 (10 POINTS EACH):

1. What is the difference between total assets and total liabilities?

*A: Net Worth or Owner Equity*

2. A curve or line that shows the combination of two inputs is called what?

*A: An Isoquant*

3. What is the difference between the local cash price and the future price on the Chicago Board of Trade referred to as?

*A: Basis*

4. Name two of the strokes of a 4-cycle engine?

*A: Intake, Exhaust, Compression, Power*

5. How many ounces are there in a gallon?

*A: 128*

6. What is "ROPS" an acronym for?

*A: Roll Over Protective Structure - bars (attached to a frame) that maintain a space for the operator's body in the event of rollover.*

7. Most grain bin fatalities result from?

*A: Suffocation*

8. Name one of the three parts of the teat on a cow?

*A: Teat cistern, Sphincter Muscle, Canal (streak or teat)*

9. What does EPD stand for?

*A: Expected Progeny Difference*

10. At what age is a sheep no longer considered lamb but mutton?

*A: 1 year*

**11. A castrated male chicken is known as what?**

*A: Capon*

**12. The new tax bill raises the exemption threshold for estate tax per individual to what amount?**

*A: 5.6 million*

**13. How many people make up the KFB Board of Directors?**

*A: 14 or 13 voting*

**14. Limestone added to soil neutralizes the:**

*A: Acidity*

**15. What are the thermodynamics of moist air?**

*A: Psychrometrics*

**16. Sulfur, Calcium and Magnesium are all classified as what type of nutrients?**

*A: Macronutrients*

**17. Translocation in the plant occurs primarily in the?**

*A: Vascular system*

**18. What pest has recently wreaked havoc on grain Sorghum production with its secretions on leaves?**

*A: Sugar Cane Aphid*

**19. A herbicide that is absorbed by the plant and moves through it killing the entire plant is known as a:**

*A: systemic herbicide*

**20. The process of propagating plants from cuttings is known as:**

*A: Asexual reproduction*

**TIE BREAKER QUESTIONS ROUND 1 (10 POINTS EACH):**

- 1. What percentage of Kansas farmers have internet access?**

*A: 70%*

- 2. Who is the CEO of Kansas Farm Bureau?**

*A: Terry Holdren*

## ROUND TWO:

### TOSS UP QUESTIONS ROUND 2 (10 POINTS EACH):

1. Another term for taking a selling position on the futures markets is what?

*A: A short position*

2. A written contract that allows you to buy or sell during a set time period at a preset price is called what?

*A: An option*

3. If ending corn stocks are higher than expected what would you expect corn price to do?

*A: Fall, Go down, lower*

4. A motor with a full load speed of 1150 RPM has how many poles?

*A: 6*

5. What is added to an engines water system to prevent water from freezing?

*A: Antifreeze*

6. How high off the ground is a combine?

*A: 12-14 feet*

7. What is the only first-aid measure for an anhydrous ammonia injury?

*A: Flush the injury continuously with water.*

8. What temporary gland is produced on the ovary after the ovum is released to prevent the release of additional ovums?

*A: Corpus Luteum*

9. This term represents the number of Leukocytes present in a cow's udder and is a good indicator of the presence of Mastitis?

*A: Somatic Cell Count*

10. How many needle teeth do newborn piglets have?

*A: 8*

**11. The Finnsheep breed originated in what country?**

*A: Finland*

**12. What percentage of farmers are beginning farmers?**

*A: about 20%*

**13. Who is the President of American Farm Bureau Federation?**

*A: Zippy Duvall*

**14. Soil with a PH of 7.0 would be considered what?**

*A: Neutral*

**15. How many acres are in a mile by mile section?**

*A: 640*

**16. The arrangement of soil particles into groups of aggregates is:**

*A: soil structure*

**17. What is the standard bushel weight for wheat?**

*A: 60 lb*

**18. Atrazine is classified as what kind of chemical?**

*A: Triazine*

**19. When can soybeans be considered physiologically mature?**

*A: Pods are brown*

**20. What seed part contains stored food for use during germination?**

*A: Endosperm*

**TIE BREAKER QUESTIONS ROUND 2 (10 POINTS EACH):**

- 1. In a no-till system weeds are controlled by using?**

*A: herbicides*

- 2. If a baler is traveling at 3 mph, what is the minimum speed at which the windrow is pulled into the machine?**

*A: 4.4 feet per second*