

## 2005 AJSA National Classic

### Junior Sire Summary Quiz

\*Choose the best answer to the following questions

1. Which University developed the Stayability (STAY) EPD?
  1. Montana State University
  2. Cornell University
  3. University of Illinois
  4. Colorado State University
  
2. Which of the following breeds also have EPDs for Stayability?
  1. Angus
  2. Limousin
  3. Charolais
  4. Hereford
  
3. Which of the following is NOT one of the new additions to the 2005 Spring Sire Summary?
  1. Yield (YG) EPD
  2. All-Purpose Index (API) EPD
  3. Terminal Index (TI) EPD
  4. Back Fat (BF) EPD
  
4. True or False. The API EPD assumes that all non-replacement offspring will be sold at weaning.
  1. True
  2. False
  
5. In order to be 10% better than average for Yield Grade EPD what value must an active Simmental sire have?
  1. -.11
  2. -.02
  3. .02
  4. None of the above

For questions 6-12 use the following bulls on page 44.

1. 3C Full Figures C288
2. 3C Hal H940)
3. 3C Legend L784
4. 3C Macho M450

6. Which bull is NOT sired by Meyer Ranch 734?
7. Which bull is the safest choice for a large group of virgin heifers?
8. Which bull is a half blood?
9. Which bull should sire the heaviest carcass weights?
10. Which bull's daughters should wean the heaviest calves?
11. Which bull is the youngest?
12. How many of these bulls are trait leaders?
  1. 1
  2. 2
  3. 3
  4. 4
13. Who is currently the Director of Performance Programs for the ASA?
  1. Dr. Jerry Lipsey
  2. Dr. Kyle Kaufman
  3. Dr. Wade Shafer
  4. Dr. Paulette Cochenour
14. True or False. Birth Weight EPDs and Yearling Weight EPDs are positively correlated.
  1. True
  2. False
15. The base year used for the calculation of the MB-ICE EPDs is \_\_\_\_\_.
  - A) 1971
  - B) 1991
  - C) 2001
  - D) The year the EPDs are actually calculated and reported

Use the following Simmental bulls on page 59 for questions 16-20.

1. GW Lucky Charm 665K
2. GW Lucky Dice 187H
3. GW Lucky Strike 147G
4. GW Mick 838B

16. Which bull does NOT have Circle S Leachman 600U as his maternal grandsire?

17. Which bull's daughters should have the most longevity of production?

18. Which bull should increase rib eye area the most?

19. Which bull's offspring should have the lowest numerical USDA yield grades?

20. True or False. Lucky Dice 187H is a trait leader for two growth predictors.

1. True
2. False

21. Which of the following scientists provided significant technical input in the development of the new index EPDs?

1. Dr. Wade Shafer
2. Dr. Drew Denman
3. Dr. Jerry Lipsey
4. Dr. Mike MacNeil

22. True or False. Research has repeatedly shown that a trained cattle judge can do a superior job of selecting cattle for true genetic advancement using visual appraisal compared to someone using EPDs to make genetic improvement.

1. True
2. False

23. The heritability used for the ASA Tenderness EPD is?

1. High
2. Moderate
3. Low
4. None of the above

24. True or False. EPDs are directly comparable between sires regardless of accuracy.

1. True
2. False

25. Why would you Karyotype a bull?

1. To test for chromosomal translocation
2. To test for correct parentage
3. To test for the polled gene
4. None of the above

Use the following bulls on page 52 for questions 26-30.

- A) Circle S Leachman 600U
- B) CKS Stockman H04
- C) CNS Dream On L186
- D) CNS Power Source 070K

26. Which bull has the most value for use as a terminal sire?

27. Which bull was the most recently registered with the ASA?

28. Which bull on the average should sire the most tender beef?

29. Which bull has not been DNA verified for parentage to both his sire and dam?

30. Which bull's maternal great grandsire is Steelman?