

2004 AJSA Regional Sire Summary Quiz B

Senior Division

1. The first breed in the US beef breed to publish a sire summary was _____.
 - a. Simmental
 - b. Angus
 - c. Brangus
 - d. Hereford

2. If a Simmental bull has a Yearling Weight EPD of +60 and an accuracy of .30, what range should his high accuracy, ultimate EPD fall within?
 - a. Between +34 and +86 pounds
 - b. Between +48.6 and +71.4 pounds
 - c. Between +42 and +78 pounds
 - d. His EPDs should not be expected to change significantly.

3. What does an "KA" designation indicate when found in the published sire summary?
 - a. Karyotype A
 - b. Polled
 - c. Fullblood
 - d. None of the above

3. What is the average Maternal Calving Ease EPD for active purebred Simmental sires in the Spring 2004 sire summary?
 - a. 0
 - b. +2.3
 - c. +2.4
 - d. +5.8

4. When we discuss WBSF EPD, Calpain and Calpastin what trait are we interested in improving?
 - a. Marbling
 - b. Tenderness
 - c. Flavor
 - d. Leanness

5. True or False. If a weaning weight is taken at 5 months of age, it can be used in the database for the calculation of EPDs.
 - a. True
 - b. False

7. Why is it easier to make genetic progress for weaning weight than for fertility traits?
 - a. Weaning weight is more important
 - b. Weaning weight is more greatly affected by heterosis
 - c. There is an EPD for weaning weight
 - d. All of the above

For questions 8-14 use the following bulls found on page 53.

- a. BS Mr Arapahoe 811A
 - b. BS Mr Blackman 4052K
 - c. BS Mr Limit Up H635
 - d. Burns Bull C339U
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8. Which bull is the easy choice for use on a group of Angus virgin heifers to minimize dystocia?
 9. Which bull does not have complete parentage confirmation?
 10. True or False. All bulls are above breed average for Milk EPD.
 - a. True
 - b. False
 11. Which bull should sire the most Longissimus Dorsi area?
 12. Which bull is a SimAngus?
 13. Which bull has Circle S Leachman 600U as his paternal grandsire?
 14. Why does Blackman have no Calving Ease EPD?
 - a. He has no progeny calving ease data reported.
 - b. Because he has no Maternal Calving Ease EPD.
 - c. Because he is not a purebred bull.
 - d. None of the above

15. True or False. The base year for Simmental EPDs is 1991. This was chosen on a recommendation by the ASA Board of Trustees.
- True
 - False
16. True or False. The unit that Milk EPD is expressed in is + or - pounds of calf weaned.
- True
 - False
17. True or False. Simbrah carcass EPDs are more predictable than Simmental carcass EPDs because they have a lower percentage of Simmental genes to be accounted for in the genetic evaluation.
- True
 - False
18. A percentile rank of 95 means simply that a sire ranks in the _____ of the breed for that particular trait.
- top 5%
 - bottom 5%
 - 95th place
 - None of the above
19. True or False. An EPD for DMW that is greater than +7.38 means what?
- A bull's daughters should be less productive than average.
 - A bull's daughters should be larger framed than average.
 - A bull's daughters should be heavier than an average active sires daughters.
 - A bull's daughters should wean heavier calves than average.

For questions 20-25 use the following Simbrah bulls on page 90.

- LMC Goodwill 5E/79
 - MCR TXCowboy J484
 - PRR Pacesetter 205C
 - PRR Prosperity 60E
20. Which bull's daughters should wean the lightest calves?
21. Which bull best might be best suited of the four for use on a group of mixed age females including a few heifers.

22. Which bull adds the most value to a terminal crossbreeding program with retained ownership and grid marketing?
23. Which bulls daughters would you expect to require the least maintenance nutrition?
24. If Pacesetter were mated to a Simbrah female with a Birth Weight EPD of +2.0, what would the resulting pedigree estimate Birth Weight EPD for the resulting progeny be?
- a. +5.2
 - b. +7.4
 - c. +4.7
 - d. None of the above
25. If any one of these bulls breeds a purebred Brahman female, what percentage of Simmental and Brahman would the resulting offspring be?
- a. 1/2 Simmental, 1/2 Brahman
 - b. 5/8 Simmental, 3/8 Brahman
 - c. 5/16 Simmental, 11/16 Brahman
 - d. None of the above