

2021 National Livestock Evaluation CDE

Mark only 1 answer per line. The numbers/answer blanks below each group of females correspond to the question number on your scantron.

Group 1 – Angus Females

Select 1 bull to be used by a progressive Angus seedstock operation in Central Kentucky as a headline herd sire. The main source of income for the operation is an annual production sale where they sell 100 bulls to both purebred and commercial operations and market the low ratioing (low producing) females. The operation is looking to invest in a bull to collect semen on and use on their heifers, 2-year-olds and will sample on some bottom end cows. The customer base is largely 1 bull operations so emphasis is placed on a sire that can produce bulls with calving ease, high growth and maintain a respectable build of mass and power.

1. _____

Group 2 – Commercial Heifers

Select 2 bulls to be used on a set of commercial heifers in the Mid-West. This progressive operation markets their calves direct to a small independent feeding operation and they have established a good working relationship. Using multiple breeds over the last several years has made it more difficult for the feeder to feed the cattle to a consistent endpoint and made management and marketing decisions much more cumbersome than in the past. The feeder then has identified consistency in the calf crop to be a priority for improvement. Your objective is to identify 2 bulls that will improve the consistency of the calf crop, and maintain the power and body type this operation has established.

2. _____

3. _____

Group 3 – Commercial Females

As a recognized leader in your community and a noted livestock evaluator you have been called on by a neighboring producer to aid in his search for his next herd bull. The new herd sire will be utilized for the next 3-4 years on both mature cows and heifers. The part time operation coordinates with a group of neighbors who sell the calves after 45 days of preconditioning post weaning. The cow herd has been getting older so this herd bull will need to produce replacement females and he prides himself in making moderate, big bodied, long striding females with modest milk. His operation, like many, consists of 30 cows so his purchase is limited by a budget; as a result many times he must settle for his 2nd or 3rd pick in an offering. You've been given this list of bulls, based on the limited budget you've been asked to assist your neighbor to identify bulls that **will not fit his breeding objectives**. **Select one bull** who you would suggest for your neighbor to strike off his list of potential herd sires.

4. _____

Group 4 – Brahman x Hereford Females

Select 1 bull to be used by a large commercial cow/calf operation in southern Louisiana that strictly runs F1 Brahman x Hereford (tiger stripe) females and have traditionally marketed their calves at weaning right off the cow. The owner's son has recently returned home to the operation and is looking at ways to capture additional value on their calves. The operation is looking to purchase an Angus bull to collect semen and breed all their heifers to and a select group of younger cows. The main objective is to increase carcass quality and maintain a high level of growth the order buyers have associated with this set of calves. Additionally, they are looking to make a nucleus of females with added fertility to improve pregnancy rates in their heifers (Heifer Pregnancy = HP) and moderate mature size.

5. _____

Group 5 – SimAngus Females

Select 1 bull to be used in an operation that has gained a favorable reputation for breeding and developing composite Sim-Angus replacement females. The clientele of this program have repeatedly applauded these replacements as being highly fertile, dense, durable, and easy fleshing. However, several of their loyal customers have commented in recent years that some of these heifers are "high-headed and too fast" which makes handling them more cumbersome. The bull that you select for this herd needs to maintain the assets that helped establish their reputation, but also address the issues related to docility (DOC).

6. _____