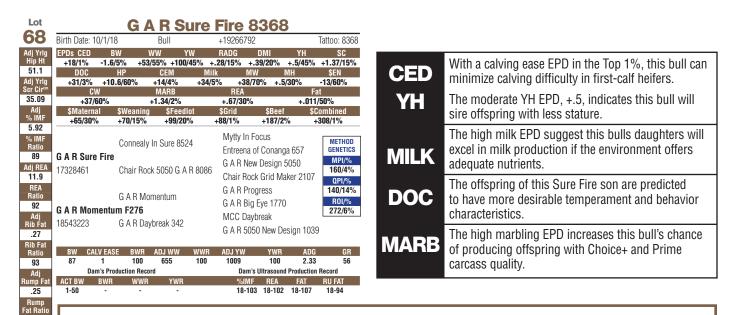
USE EPDs TO COMPARE BULLS Examples: Lot 68 & Lot 124

Lots 68 and 124 are very different bulls that would "fit" different customers depending on their production goals, feed resources and marketing plans. Below is a brief evaluation of each bull with interpretations of some major EPDs and a final analysis of each bull. Check them out to determine if you evaluate bulls using a decision-making process like the one described here.



COMMENT: This bull offers "extreme" calving ease and high marbling genetics in offspring with a moderate frame size. Although the bull does not have the highest growth potential, the high calving ease, maternal traits and end-product merit place his Retained Ownership Index in the Top 6% and his Combined Value Index (\$C) in the Top 1% making him a great prospect for breeding heifers and retaining daughters.

G A R Broken Bow 7958

71

Lot

Fat Ratio

| 404 | | | | | 100 | | | | |
|-----------------------------------|---------------------------|-----------------------------|--|----------------|---|----------------------|---|--------|--|
| 124 | Birth Date: 9/9/18 | | Bull | Bull +19266764 | | | Tattoo: 7958 | | <u> </u> |
| Adj Yrlg Hip Ht | EPDs CED +7/45% +1. | BW 8/65% + | WW YW 88/1% +149/1 | | DMI .74/95% + | YH •.7/25% | SC +.9/40% | WW | This bull's calves are expected to excel in pre- |
| 50.4 | DOC | HP | CEM | Milk MV | | | | EN | weaning growth and have among the highest |
| Adj Yrlg Scr Cir ^{em} | +23/20% + CW | 9.6/70% | +11/25% MARB | +21/80% +118/ | 1% +.9/ | 5% · Fat | 44/95% | | weaning weights. |
| 37.38 | +73/1% | | +.88/15% | +.62/40% | | | | | The yearling weight in the Top 1% of the Angus |
| Adj % IMF | \$Maternal +48/75% | \$Weanin + 84/3 % | | | \$Beef +186/2% | | mbined 89/4% | YW | breed makes this bull a "pure growth" sire. |
| 5.7 % IMF Ratio | | | crest Complete | 1P55 ~ | C F Right Design 1802 Summitcrest Elba 1M17 | | | | Daughters of this bull are predicted to have lower milk, making them well suited for harsher |
| 86 Adj REA 9.5 | KM Broken Bo 16764044 | 1P12 | Summitcrest Princess 2 110 | | | 21/% /11% 91/% | environments with lower forage availability. | | |
| REA Ratio 74 | | | G A R Prophet 120/41 G A R 28 Ambush 181 R0/% MCC Daybreak 247/22 | | | CW | "Pounds pay the bills" and the carcass weight EPD indicates offspring of this bull will hang up heavier | | |
| Adj Rib Fat | G A R Propher 18333115 | MCC Day | | | | | carcasses. | | |
| .16 | | | aybreak N653 | G A R 505 | G A R 5050 New Design N139 | | | | \$B indicates potential for growth and for carcass |
| Rib Fat Ratio | BW CALVE | ASE BWR | ADJ WW | WWR ADJ YW | YWR | ADG | GR | \$Beef | quality. While Lot 124 does not excel in MARB, his |
| 55 | 80 1 | 100 | 580 | 100 1098 | 100 | 3.67 | 89 | | marbling and growth combination still rank him in |
| Adj Rump Fa | | Production Rec R WW | | | Dam's Ultrasound Production Record %IMF REA FAT RU FAT | | | | the Top 2% of the breed for \$B. |
| .19 | 2-77 - | - | - | 5-96 | 5-96 | 5-86 | 5-93 | | |
| Bumn | | | | | | | | | |

COMMENT: This is a "pure growth" bull with enough marbling potential to suggest his offspring will produce heavy carcasses that have the chance to reach the Choice quality grade. The daughters of this sire may be larger and heavier than average, but the moderate milk EPD could make them more efficient in environments with lower forage availability. Here's a bull we would recommend for use on "cows only" that would work well in a herd seeking more pounds to market.