

Highest Carcass Merit Sale Eligible Bull

Carcass Merit = (Retail Product Ratio + IMF Ratio)/2

Retail Product = $65.69 + (9.931 * [\text{Adj. Rib Fat}]) + (1.2259 * [\text{Adj. REA}]) - (0.013166 * (0.6 * [\text{Adj. Yearling Wt}])) - (1.29 * 2)$
https://guidelines.beefimprovement.org/index.php/Yield_Grade

Adj. Yearling Wt. = $[(\text{Yearling Wt.} - \text{Weaning Wt.}) / (\text{No. Days Between Weights})] * 160 + \text{Adj. 205-day Weight}$
https://guidelines.beefimprovement.org/index.php/Yearling_Weight

| Test | Division | Breed | REA/ cwt | REA | IMF | Rib Fat | Carcass Merit | Reg. No. | Owner |
|------------|----------|-----------|-------------|------|------|------------|------------------|-------------|---|
| 93 - 2023W | Junior | SimAngus | 1.06 | 13.8 | 4.51 | 0.17 | 121.9 | 4198781 | Kohli Farms Circleville, OH |
| 93 - 2023W | Senior | Angus | 0.99 | 14.0 | 5.36 | 0.29 | 116.4 | 20605395 | Bontrager Family Cattle New Paris, IN |
| 92 - 2023S | Junior | Angus | 1.10 | 12.9 | 4.91 | 0.3 | 123.9 | 20458086 | Small Cattle Farms West Lafayette, IN |
| 92 - 2023S | Senior | Angus | 0.86 | 10.6 | 4.71 | 0.1 | 119.3 | 20458063 | Small Cattle Farms West Lafayette, IN |
| 91 - 2022W | Junior | Hereford | 0.99 | 11.7 | 4.13 | 0.20 | 114.3 | 44347037 | Greives Herefords West Lafayette, IN |
| 91 - 2022W | Senior | SimAngus | 0.99 | 12.3 | 3.86 | 0.30 | 105.3 | 4064076 | Longcore Cattle Cedar Springs, MI |
| 90 - 2022S | -- | Hereford | 0.89 | 11.2 | 3.40 | 0.19 | 121.9 | 44284714 | Greives Herefords West Lafayette, IN |
| 89 - 2021W | -- | Angus | 0.97 | 12.2 | 5.89 | 0.26 | 124.9 | 20024068 | Willer Timber Ridge Greencastle, IN |
| 88 - 2021S | -- | Angus | 1.03 | 12.8 | 5.45 | 0.25 | 126.3 | 19827079 | Small Cattle Farms West Lafayette, IN |
| 87 - 2020W | -- | Angus | 1.17 | 13.2 | 4.85 | 0.22 | 118.9 | 19775451 | Horstman Cattle Co. West Lafayette, IN |
| 86 - 2020S | -- | Angus | 1.05 | 11.7 | 4.69 | 0.20 | 119.3 | 19577327 | Mickey Angus Pana, IL |
| 85 - 2019W | -- | Simmental | 1.10 | 14.1 | 5.04 | 0.26 | 128.2 | 3667746 | Clear Water Simmentals Milan, IN |
| 84 - 2019S | -- | Hereford | 1.06 | 12.6 | 2.77 | 0.24 | 125.6 | 43955834 | Greives Herefords West Lafayette, IN |
| 83 - 2018W | -- | Angus | 1.09 | 13.7 | 5.59 | 0.27 | 128.2 | 19089070 | Kittle Angus Farm Centerpoint, IN |

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|------------|----------|-----------|-------------|------|------|------------|------------------|-------------|---|
| 82 - 2018S | -- | SimAngus | 1.15 | 13.5 | 3.29 | 0.24 | 113.3 | 3343456 | Saxe Farm Thompsonville, IL |
| 81 - 2017W | -- | Red Angus | 0.91 | 12.9 | 7.44 | 0.27 | 120.0 | 3783681 | Crawford Creek Red Angus Bedford, IN |
| 80 - 2017S | -- | Angus | 0.79 | 11.2 | 5.38 | 0.26 | 123.0 | 18880457 | Cedar Hill Land & Cattle Amanda, OH |
| 79 - 2016W | -- | Angus | 0.84 | 11.9 | 7.11 | 0.24 | 125.0 | 18525036 | Willer Timber Ridge Greencastle, IN |
| 78 - 2016S | -- | Angus | 0.93 | 14.1 | 6.65 | 0.54 | 123.3 | 18414246 | Koors Cattle Co. Greensburg, IN |