**Virginia State 4-H Livestock Judging Contest**

**June 28, 2017**

**Class 1: Angus Bull Calves**

Rank these bulls as potential consignment lots in a central bull test sale located in Southwest Virginia. These bulls come from a purebred Angus operation that prides itself on breeding performance oriented, functional cattle that excel in forage-based production systems. Past experience indicates that rugged, moderately-framed bulls that offer exceptional pre-weaning growth are most likely to top the consignment bull sale. It is also understood that calving ease is a major concern of most bull customers.

|  |  |
| --- | --- |
| Number | EPDs |
| CED | BW | WW | YW | MM | Marb | $W | $B |
| 1 | 7 | 1.1 | 55 | 94 | 24 | 0.63 | 48.02 | 118.03 |
| 2 | 11 | 0.0 | 54 | 95 | 28 | 0.83 | 51.69 | 127.99 |
| 3 | 12 | -0.7 | 50 | 91 | 28 | 0.79 | 49.07 | 119.11 |
| 4 | 10 | 0.2 | 57 | 99 | 26 | 0.77 | 53.76 | 128.81 |
| Breed Average | 6 | 1.2 | 48 | 85 | 24 | 0.56 | 43.34 | 105.91 |

**Class 4: Crossbred Breeding Gilts**

Rank these crossbred gilts as replacements in a small-scale swine operation in Eastern Virginia. These gilts will be maintained in confinement and be mated to exotic terminal boars. All progeny will be finished on-farm and marketed through regional processors.

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| --- | --- | --- | --- | --- | --- | --- |
| Number | NBA | 21-Day Litter Weight | Days to 250 | BF | LEA | SPI |
| 1 | 10 | 175 | 149 | 0.75 | 7.9 | 120 |
| 2 | 9 | 151 | 152 | 0.70 | 7.2 | 115 |
| 3 | 12 | 177 | 159 | 0.80 | 6.7 | 117 |
| 4 | 12 | 177 | 157 | 0.85 | 6.9 | 117 |

**Class 6: Suffolk Yearling Ewes**

Rank these ewes as replacements in a purebred Suffolk operation in the Shenandoah Valley. Revenue is derived by selling rams in a performance ram test sale and consigning females in a state-wide bred ewe sale. Because of this marketing scheme, this operation focuses on producing seedstock that offer a balance of phenotypic and genotypic strength.

|  |  |
| --- | --- |
| No. | LAMBPLAN EBVs |
| Number of Lambs Weaned | Weaning Weight | Post-weaning Weight | Eye Muscle Depth | Carcass Plus |
| 1 | 2.3 | 4.75 | 8.34 | 0.81 | 150.14 |
| 2 | 0.6 | 4.26 | 7.32 | 0.51 | 113.33 |
| 3 | 1.1 | 4.94 | 9.02 | 1.08 | 153.15 |
| 4 | 1.7 | 3.72 | 7.11 | 0.48 | 140.73 |
| Breed Avg. | -0.20 | 3.85 | 6.96 | 0.39 | 140.41 |