

2017 Block and Bridle Livestock Judging Contest

Class 1: Simmental Heifers

Select these heifers as they will be kept in a purebred Simmental operation in Southwest Virginia. This operation seeks to produce elite breeding females that are marketed to other purebred breeders. To successfully compete in this market positive selection pressure is placed on soundness, longevity, and maternal strength. Feed and labor resources are adequate.

Animal No.	EPDs						
	CE	WW	YW	Milk	Stay	API	TI
1	12.4	70.7	106.9	28.1	14.7	139.2	74.2
2	11.7	66.4	104.1	26.2	11.8	136.2	71.3
3	13.1	66.2	101.2	25.2	13.6	138.1	70.5
4	11.2	67.0	99.2	22.7	10.3	129.5	68.2
Breed Average	9.3	62.2	90.9	21.2	11.4	122.1	67.7

Class 3: Angus Heifers

Rank these heifers as they would be retained in a seedstock operation located in the Southeastern United States. These heifers will be artificially inseminated to Polled Hereford bulls with the goal of generating black baldy females. This operation strives to market commercial bred heifers to operations seeking to improve the maternal strength of their cow herd. All male progeny are marketed as feeder cattle after a backgrounding period. Both feed and labor resources are abundant in this operation.

Animal No.	EPDs						
	BW	WW	YW	CEM	Milk	\$W	\$B
1	0.3	55	97	9	26	52	124
2	-0.2	53	94	10	28	51	122
3	1.6	49	89	7	21	44	109
4	-0.8	44	82	13	23	39	101
Breed Average	1.4	49	87	8	23	44.13	106.11

Class 4: Breeding Gilts

Ranks these crossbred gilts as they will be kept as replacements in an integrated, farrow-to-finish operation in Eastern Virginia. These gilts will be maintained in total confinement and mated to terminal boars. All progeny will be placed in finishing barns and marketed to Smithfield on a lean-value basis.

Animal No.	Actual Performance Data				
	NBA	21d LW	Days	LEA	SPI
1	8	128	146	6.7	99
2	11	196	139	7.4	108
3	11	176	154	6.3	102
4	10	167	144	7.0	104

Class 6: Suffolk Rams

Rank these rams as potential terminal sires in a commercial flock in Southwest Virginia. These rams will be mated to Katahdin ewes with the goal of adding growth and improving carcass characteristics of all resulting progeny. Progeny will then be marketed to the strong ethnic market in the Eastern United States. Under this operation's breeding scheme, no Suffolk x Katahdin progeny will be retained in the flock.

Animal No.	LAMBPLAN EBVs			Codon 171 Genotype
	Number of Lambs Weaned, %	60d Weight, kg	120 d Weight, kg	
1	2.1	2.7	4.4	RR
2	1.6	3.3	5.8	RR
3	1.9	2.9	4.2	RR
4	1.5	1.1	2.7	QR

Livestock Providers

Cattle, sheep, and swine classes provided by Virginia Tech Department of Animal and Poultry Science. Breeding does provided by Stillwater Boers of Newport, Virginia.