

Sheep Field Day, 42nd Annual Virginia Performance Tested Ram Lamb Sale and Replacement Ewe Lamb Sale

Virginia Sheep Evaluation Station

Steeles Tavern, VA

Saturday, August 26, 2017



10:30 a.m. Field Day &
Educational Program

1:00 p.m. Ram and Ewe Sale

Online bidding
available at:
livestockbuyer.com



More info, including sale videos available at:
Virginia Sheep Producers Assoc. website

www.vasheepproducers.com

Or contact:

Dr. Scott Greiner

Extension Animal Scientist, Sheep

Virginia Tech

540-231-9159

sgreiner@vt.edu

Find us on 

www.facebook.com/VARamTest

Breeding Season Management

Scott P. Greiner, Extension Animal Scientist- Sheep, Virginia Tech

A diligent amount of time spent studying performance information, pedigrees and other pertinent information is warranted as ram selection is the most important tool for making genetic progress in the flock. Of equal importance is the care and management of the newly acquired ram. Proper management and nutrition are essential for the ram to perform satisfactorily during the breeding season. With ram lambs, management prior, during, and after the first breeding season is particularly important.

Ram Lamb Management

Ram lambs offered through the Virginia Performance Tested Ram Lamb Sale have recently completed a gain test, which provided a high plane of nutrition. To prepare the rams for the breeding season and prevent excess fat deposition, rams have been limit fed a grain ration and had unlimited access to pasture since completion of the test. Young rams should be managed to be in moderate body condition prior to the breeding season (not excessively fat or thin), to provide adequate reserves of energy for use during the breeding season. The rams should continue to receive grain supplementation at a rate of 2% of their bodyweight daily, along with an abundance of high quality forage. Provide adequate clean water, and a high selenium mineral formulated for sheep free-choice. A facility for the newly acquired ram that allows for ample exercise will help create rams that are physically fit for the breeding season. The facility should allow the rams to remain cool during hot days, so potential fertility problem due to heat stress can be avoided. It is advisable not to commingle a newly purchased ram lamb with older, mature rams. Particular care should be taken if rams from different sources need to be commingled, and all commingling should take place prior to the breeding season.

Many factors influence the breeding capacity of rams, including age, breed, nutrition, management, and environment. As a general guideline, ram lambs are capable of breeding 15 to 25 ewes during their first breeding season. Ram lambs should be observed closely to monitor their breeding behavior and libido to ensure they are servicing and settling ewes. The use of a marking harness, rotating colors every 17 days, is an excellent management tool for this purpose. The breeding season should be kept to a maximum of 60 days for young rams. This will prevent over-use, severe weight loss and reduced libido. Severe weight loss may impair future growth and development of the young ram, and reduce his lifetime usefulness. When practical, supplementing ram lambs with grain during the breeding season will reduce excessive weight loss. Rams used together in multiple-sire breeding pastures should be of similar age and size. Ram lambs cannot compete with mature rams in the same breeding pasture. A sound management practice is to rotate rams among different breeding pastures every 17 days. This practice decreases the breeding pressure on a single ram.

Preparing the Ewe Flock for the Breeding Season

Some advance planning and simple management practices will assist in having a successful breeding season. Vaccination of the ewe flock for *Campylobacter* (vibriosis) and *Chlamydia* are important for abortion disease control. For ewe lambs and ewes not previously vaccinated, these products typically require an initial injection prior to the breeding season followed by a second vaccination during gestation. In subsequent years, a single booster vaccination is required. Follow product label directions when administering any vaccine. A month prior to the breeding season is also an opportune time to trim and inspect feet on the ewe flock, and perform preventative foot care. This is also a good time to make final culling decisions, and sell poor producing and thin ewes.

Flushing is the practice of increasing energy intake, and therefore body condition, during the 10-14 days prior to breeding. This practice has been shown to be effective in increasing ovulation rates, and thereby increasing lambing percentage by 10-20%. The response to flushing is affected by several factors, including the body condition of the ewe. Ewes that are in poor body condition will respond most favorably to the increase in energy, whereas fat ewes will show little if any response. Flushing can be accomplished by moving ewes to high quality pastures, or through providing .75 to 1.25 lb. corn or barley per head per day from 2 weeks pre-breeding through 4 weeks into the breeding season. Provide a high-selenium, sheep mineral free choice.

Like rams, ewes are also prone to heat stress during early breeding seasons. Prolonged exposure to high temperatures can have an effect on ewe fertility and embryo survival. To help reduce these embryo losses and resulting decrease in lamb crop, minimize handling during the heat of the day and allow the flock access to a cool, shaded area.

Ram Management After the Breeding Season

Young rams require a relatively high plane of nutrition following the breeding season to replenish body condition and meet demands for continued growth. Body condition and projected mature size of the ram will determine his nutrient requirements during the months following the breeding season. Rams should be kept away from ewes in an isolated facility or pasture after the breeding season. In the winter months, provide cover from extreme weather that may cause frostbite to the scrotum resulting in decreased fertility.

All stud rams should receive breeding soundness exams (BSE) to assure fertility on an annual basis. Assess the ram battery in early summer, so that new rams can be acquired in a timely fashion for the next breeding season.

SHEEP FIELD DAY
42nd VIRGINIA PERFORMANCE TESTED RAM LAMB SALE
& REPLACEMENT EWE LAMB SALE

Saturday, August 26, 2017

Virginia Sheep Evaluation Station
Virginia Tech Shenandoah Valley Agricultural Research and Extension Center
2763 Raphine Road
Raphine, VA 24472

Sale Day Phone: (540) 230-2680
Prior to Sale Day Call: (540) 231-9159

Schedule

10:30 a.m. – Sheep Field Day

Topics

Ram Selection
Managing Parasites
Flock Enterprise Management
Sheep Health

Lunch available on site, provided by Virginia Junior Sheep Breeders

1:00 p.m. – Performance Tested Ram Sale followed by Ewe Lamb Sale

Location: The Virginia Sheep Evaluation Station is located on the Virginia Tech Shenandoah Valley Agricultural Research and Extension Center. Directions: ½ mile East of Interstate 81 at exit 205 (approximately 20 miles south of Staunton, VA).

Terms and Conditions

Sponsor: Virginia Sheep Producers Association
Department of Animal and Poultry Sciences, Virginia Tech
Blacksburg, VA 24061 Phone: (540) 231-9159

Auctioneer: Dalton Bennett, Red House, VA (434) 664-7946

Guarantee: All rams are being sold as guaranteed breeders if properly managed. If a ram fails to perform satisfactorily, notification must be made to the consignor promptly and not later than April 1, 2018. Consignors are not liable for failure to have a lamb crop. This guarantee is between the buyer and seller only, and no other parties assume any liability, legal or otherwise, expressed or implied.

Terms: Cash (check). Absentee bids may be left with the contacts listed above.

Risk: All animals at purchaser's risk as soon as sold.

Health: Proper health certificates for transport will be furnished to the buyer upon request.

Registration: Registration papers will be transferred to purchaser at no charge.

About the Rams and the Data

Nutrition and Management

Eighty six rams (13 Fall Dorset, 4 Winter Dorset, 1 Fall Suffolk, 40 Winter Suffolk, 1 Fall Crossbred, 6 Winter Crossbred, 3 Winter North Country Cheviot, 7 Fall White Dorper, 2 Winter White Dorper, 8 Winter Katahdin, were delivered to the Virginia Sheep Evaluation Station on May 2, 2017. The rams were weighed, vaccinated for clostridial diseases, dewormed, had feet trimmed and soaked, and scrotal measurements taken. Rams were allocated to four pens based on breed and age. After a two-week adjustment period, the rams started on test. A pelleted ration containing approximately 75% TDN and 14% CP was fed ad libitum for the entire 63-day test. Rams also had access to pasture during the entire feeding period. The FAMACHA system was used during the course of the test for parasite control (none of the rams were dewormed during test period). Rams of all breeds are guaranteed to be free of the spider gene (normal, NN genotype). At the conclusion of the test rams were evaluated for structural soundness and overall type by a committee. Unsound and unsuitable rams have been eliminated from the sale. Additionally, all rams selling have passed a breeding soundness examination conducted by veterinarians from the VA-MD Regional College of Veterinary Medicine. The breeding soundness exam includes measurement of scrotal circumference, examination of the reproductive tract, and semen evaluation. Since the conclusion of the test (July 18), rams have been limit fed the pelleted ration and had access to pasture.

Performance Data

- %: All rams are registered/recorded with their respective breed association. For breeds with open flock books or appendix registries, breed percentage (%) is indicated. PB = purebred, 75% = three-quarter-blood, 50% = half-blood, etc.
- Birth Type: S = single, TW = twin, TR = triplet, QD = quadruplet
- Codon 171: Genotype associated with genetic resistance to scrapie. Presence of at least one *R* is associated with scrapie resistance.
- Final Wt.: Ram weight at the conclusion of the 63-day test on July 18.
- Test ADG: Average daily gain in pounds per day for the entire 63-day test.
- Final WDA: Weight-Per-Day-of-Age at the conclusion of the test. Calculated by dividing final weight by days of age. Indicative of the ram's growth since birth, and includes growth prior to arriving at the test station (weaning growth) as well as gain on test.
- Scrotal Cir.: Actual scrotal circumference in cm measured during breeding soundness exam.
- Adj. FT: Ultrasound fat thickness measurement (in.) taken between the 12th and 13th ribs. Adjusted to a constant live weight of 125 pounds.
- Adj. LMA: Ultrasound loin muscle area measurement (square in.) taken between the 12th and 13th ribs. Adjusted to a constant live weight of 125 pounds.
- Trait Ratios: Expresses performance data for an individual ram as a percentage of the average performance for all rams in his test group. A ratio of 100 is average, 110 would be 10% above average, and 90 is 10% below average. Ratios may only be compared on rams that are in the same breed and test group.
- Test Group Averages for all rams that concluded the test of same breed and age. Includes both sale Averages: rams and those not selling.

Sale Order

Rams will sell by breed test group. Within breed test group, sale order is determined by an index which combines ADG, WDA, and LMA. ***Please note the attached list of rams is tentative pending results of the final breeding soundness exam.*** Sale order will be available sale day.

2017 Virginia Ram Lamb Performance Test Sale

August 26, 2017 1:00 PM

Sale Day Phone (540) 230-2680

Test ID	Flock ID	%	Sire	Birth Date	Birth Type	Codon 171 Genotype	Final Wt.	Test ADG	ADG Ratio	Final WDA	WDA Ratio	Scrotal Cir.	125 lb Adj. FT	125 lb. Adj. LMA
FALL DORSET														
Virginia Tech; Scott Greiner; Dept of Animal & Poultry Sciences; Blacksburg, VA 24061; 540-231-9159														
1	W006	PB	VA Tech P026	10/20/2016	TW	RR	176	0.70	96	0.65	88	37.0	0.15	2.60
2	W023	PB	Huntrods 5887	10/26/2016	TW	QR	181	0.79	109	0.68	92	34.0	0.07	2.77
3	W045	PB	Heisdorffer 1263	11/5/2016	TW	QR	194	0.87	119	0.76	103	34.5	0.16	3.03
4	W057	PB	Huntrods 5887	11/9/2016	TW	RR	187	0.87	119	0.74	100	36.0	0.16	2.99
5	W068	PB	Huntrods 5887	11/14/2016	S	RR	195	0.65	90	0.79	107	34.0	0.16	2.50
Diamond "R" Farms; Anthony Scott Rasnick; 1498 Mundytown Road; North Tazewell, VA 24630; 276-979-1907														
6	0761	PB	Karstens 658	10/15/2016	TW	RR	224	0.75	104	0.81	109	34.0	0.22	2.76
7	0760	PB	Karstens 658	10/29/2016	TW	RR	214	0.79	108	0.81	110	35.0	0.23	2.68
DMC Dorsets; Mike Callison; 1420 Denmar Road; Hillsboro, WV 24946; 304-651-6135														
10	E313	PB	VA Tech P101	10/24/2016	TW	QQ	213	0.67	93	0.80	108	33.5	0.18	2.87
12	E420	PB	VA Tech P101	11/16/2016	TW	QR	171	0.70	96	0.70	95	30.5	0.27	2.77
Raptor Gap Farm; Chris Stewart; 17931 Senedo Road; Edinburg, VA 22824; 703-727-7743														
13	61	PB	VA Tech S124	10/8/2016	S	QQ	195	0.97	134	0.69	93	31.0	0.15	2.91
13 Fall Dorsets Tested Avg.							194	0.73	100	0.74	100	34.0	0.18	2.80
WINTER DORSET														
Diamond "R" Farms; Anthony Scott Rasnick; 1498 Mundytown Road; North Tazewell, VA 24630; 276-979-1907														
15	0764	PB	Karstens 658	1/4/2017	TW	RR	187	0.79	103	0.96	114	32.5	0.23	2.76
4 Winter Dorsets Tested Avg.							140	0.77	100	0.84	100	30.8	0.18	2.71

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FALL SUFFOLK														
Diamond "R" Farms; Anthony Scott Rasnick; 1498 Mundytown Road; North Tazewell, VA 24630; 276-979-1907														
201	0753	PB	Diamond "R" Farms 678	11/28/2016	TW	QR	226	0.93	100	0.97	100	36.5	0.27	3.20
1 Fall Suffolk Tested Avg.							226	0.93	100	0.97	100	36.5	0.27	3.20
WINTER SUFFOLK														
Virginia Tech; Scott Greiner; Dept of Animal & Poultry Sciences; Blacksburg, VA 24061; 540-231-9159														
202	W216	PB	MGR 3007	2/15/2017	TW	RR	163	0.95	104	1.07	114	33.0	0.22	3.30
204	W241	PB	Kimm 16061	2/18/2017	TW	RR	168	1.21	131	1.12	120	32.5	0.12	2.78
205	W250	PB	MGR 3007	2/20/2017	S	QR	158	0.71	78	1.07	114	31.0	0.24	3.45
Suffangus Farm, LLC; Swortzel's & Ashby's; 399 Indian Ridge Road; Greenville, VA 24440; 540-280-6974; 540-292-9353														
207	7400	PB	Mint Gold Ranch 6335 RR	1/20/2017	TW	RR	185	0.82	89	1.03	110	32.0	0.18	2.63
208	7399	PB	Mint Gold Ranch 6335 RR	1/20/2017	TW	RR	166	0.87	95	0.93	99	32.5	0.19	2.58
210	7398	PB	Mint Gold Ranch 6335 RR	1/24/2017	TW	RR	192	0.98	106	1.09	117	35.0	0.19	2.73
213	7390	PB	Mint Gold Ranch 6315 RR	1/26/2017	TW	RR	156	0.86	93	0.90	97	32.0	0.17	2.01
216	1356	PB	Slack 4123	2/13/2017	S	RR	193	1.29	141	1.24	133	34.0	0.20	2.15
Bennett Suffolks; Dalton Bennett; 17343 Red House Road; Red House, VA 23963; 434-664-7946														
217	1711	PB	MacCauley 2612	1/17/2017	S	RR	182	1.16	126	1.00	107	36.5	0.20	2.70
218	1714	PB	VA Tech T273	1/23/2017	TW	QR	145	1.03	112	0.82	88	31.5	0.19	2.72
219	1715	PB	MacCauley 2771	1/24/2017	TW	QR	152	1.17	128	0.87	93	28.5	0.16	2.54
220	1716	PB	VA Tech T273	1/24/2017	TW	RR	143	0.76	83	0.82	88	32.0	0.18	2.92

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Test ID	Flock ID	%	Sire	Birth Date	Birth Type	Codon 171 Genotype	Final Wt.	Test ADG	ADG Ratio	Final WDA	WDA Ratio	Scrotal Cir.	125 lb Adj. FT	125 lb. Adj. LMA
High Road Sheep; Martin & Julie MacQueen; 101 Pioneer Road; Covington, VA 24426; 540-965-2199														
222	004	PB	MacCauley 2612	1/10/2017	S	RR	190	1.04	113	1.00	107	35.5	0.10	2.62
223	006	PB	MacCauley 2612	1/12/2017	TW	RR	163	0.88	96	0.87	93	36.0	0.12	2.27
225	016	PB	MacCauley 2612	1/17/2017	TW	RR	157	0.90	98	0.86	92	34.0	0.19	2.40
226	026	PB	MacCauley 2612	1/20/2017	TW	RR	157	0.96	105	0.87	94	34.0	0.13	2.47
227	028	PB	MacCauley 2612	1/21/2017	TW	RR	166	1.17	127	0.93	100	36.5	0.12	2.74
228	029	PB	MacCauley 2612	1/21/2017	TW	RR	162	1.10	119	0.91	98	33.5	0.14	2.59
229	021	PB	MacCauley 2612	1/18/2017	TW	RR	145	0.96	105	0.80	86	33.0	0.18	2.35
230	063	PB	C Reno 510	2/6/2017	S	QR	163	1.07	117	1.00	108	32.5	0.16	2.47
Sponaugle Suffolks; John Sponaugle; 8888 Leroy Road; Grottoes, VA 24441; 540-421-3468														
231	17-V210A	PB	Sponaugle 11-630B	2/6/2017	TW	RR	191	0.91	99	1.18	126	32.5	0.12	2.33
232	17-K520B	PB	Sponaugle 11-630B	2/7/2017	TW	RR	166	1.10	119	1.03	111	31.5	0.14	3.00
234	17-334B	50%	Nelssen 11130	1/3/2017	TW	RR	169	0.71	77	0.86	92	34.0	0.15	2.91
Season's Bounty Farm; Radell & Sarah Schrock; 2373 Harpine Highway, Apt. A; Harrisonburg, VA 22802; 540-908-5399														
235	7029	PB	"Lumberjack" MacCauley 3313	1/9/2017	TW	RR	151	0.87	94	0.79	85	39.5	0.21	2.68
237	7054	PB	"Teton" Kimm 13149	1/14/2017	TW	RR	166	0.90	99	0.90	96	36.5	0.20	2.24
238	7055	PB	"Teton" Kimm 13149	1/14/2017	TW	RR	174	1.09	118	0.94	101	35.0	0.16	2.72
239	7085	PB	"Lumberjack" MacCauley 3313	1/24/2017	TW	RR	155	0.78	85	0.89	95	31.5	0.19	2.84
240	7087	PB	"Hickory" Kimm 16035	1/26/2017	TW	RR	170	0.98	107	0.98	105	34.5	0.14	2.68
Raptor Gap Farm; Chris Stewart; 17931 Senedo Road; Edinburg, VA 22824; 703-727-7743														
241	82	PB	A & J 15-539	2/19/2017	Tr	QR	136	0.94	102	0.91	98	31.5	0.15	2.88
38 Winter Suffolks Tested Avg.							160	0.92	100	0.93	100	33.2	0.17	2.64

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Test ID	Flock ID	%	Sire	Birth Date	Birth Type	Codon 171 Genotype	Final Wt.	Test ADG	ADG Ratio	Final WDA	WDA Ratio	Scrotal Cir.	125 lb Adj. FT	125 lb. Adj. LMA
FALL CROSSBRED														
DMC Dorsets; Mike Callison; 1420 Denmar Road; Hillsboro, WV 24946; 304-651-6135														
301	G325	1/2 Suffolk, 1/2 Dorset	C Reno 510	10/27/2016	S	RR	205	0.71	100	0.78	100	32.5	0.16	2.68
1 Fall Crossbred Tested Avg.							205	0.71	100	0.78	100	32.5	0.16	2.68
WINTER CROSSBRED														
Apple Horse Farm; Dabney Pasco; 5921 Hot Springs Road; Hot Springs, VA 24445; 540-960-0874														
302	0021	1/2 Suffolk, 1/2 NC	High Road 0360	2/18/2017	TW	QR	145	1.10	111	0.97	106	31.5	0.16	2.42
High Road Sheep; Martin & Julie MacQueen; 101 Pioneer Road; Covington, VA 24426; 540-965-2199														
304	052	3/4 Suffolk, 1/4 NC	MacCauley 2612	1/27/2017	S	RR	189	1.18	120	1.10	121	32.5	0.13	2.50
306	036	1/2 Suffolk, 1/2 NC	MacCauley 2612	1/20/2017	S	RR	143	0.94	95	0.80	88	32.5	0.20	2.38
307	058	3/4 Suffolk, 1/4 NC	MacCauley 2612	1/28/2017	S	RR	146	0.89	90	0.85	94	28.0	0.12	2.20
6 Winter Crossbred Tested Avg.							154	0.99	100	0.91	100	31.1	0.16	2.41
WINTER NORTH COUNTRY CHEVIOT														
Maloy Valley Farm; Mike & Priscilla Maloy; 11301 Pimlico Circle; Culpeper, VA 22701; 540-272-0573														
402	0122	PB	CHR 0323 RR	2/13/2017	TW	RR	111	0.74	94	0.71	92	28.5	0.18	2.24
403	0133	PB	CHR 0323 RR	2/23/2017	TW	QR	123	0.89	114	0.85	109	33.0	0.20	2.30
3 Winter NC Cheviot Tested Avg.							116	0.78	100	0.77	100	29.0	0.19	2.33

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FALL WHITE DORPER														
Double Scott; John Scott, Jr.; 2826 Gardner Road; Princeton, WV 24740; 304-320-3748														
601	1807	PB	Circle R Farming 1415	10/28/2016	TW	QR	207	0.94	124	0.79	112	33.5	0.04	1.91
602	1808	PB	Circle R Farming 1415	11/1/2016	TW	RR	201	0.91	121	0.77	110	33.0	0.12	2.33
603	1820	PB	Circle R Farming 1415	12/25/2016	S	QR	184	0.94	124	0.90	128	32.0	0.09	2.78
Rock Solid Ranch; Abigayle Houser; 205 Patton Road; Pikeville, TN 37367; 931-267-1802														
604	0025	PB	Keuker White Dorper 48A	9/15/2016	TW	QR AA	164	0.71	94	0.53	76	33.0	0.10	3.01
Kuecker White Dorper; Bill & Connie Kuecker; 1311 County Road 614; Jackson, MO 63755; 615-633-8179														
607	0057	PB	Rock Solid Ranch 78	12/23/2016	S	QR AA	137	0.68	91	0.66	94	30.0	0.14	2.25
7 Fall White Dorsers Tested Avg.							166	0.75	100	0.70	100	32.5	0.12	2.42
WINTER DORPER														
Double Scott; John Scott, Jr.; 2826 Gardner Road; Princeton, WV 24740; 304-320-3748														
612	1897	PB	Kuecker White Dorper 0038	1/28/2017	TW	QR	145	0.90	112	0.85	114	34.5	0.14	2.62
Rock Solid Ranch; Abigayle Houser; 205 Patton Road; Pikeville, TN 37367; 931-267-1802														
613	0060	PB	Rock Solid Ranch 78	1/28/2017	TW	QQ AA	109	0.81	101	0.64	86	33.5	0.15	2.45
3 Winter White Dorsers Tested Avg.							129	0.80	100	0.74	100	33.2	0.14	2.56
WINTER KATAHDIN														
Silver Maple Katahdins; Irma & Jay Greenstone; 2472 McClures Chapel Road; Rose Hill, VA 24281; 276-346-7235														
702	JAG 760	PB	JAG 634	1/22/2017	TW	RR	149	0.96	115	0.84	104	33.5	0.14	2.20
703	JAG 772	PB	JAG 634	1/24/2017	S	RR	144	1.04	125	0.82	102	34.5	0.16	1.75
Poplar View Farm, LLC; David R. Wise, President; 606 Allen Rosen Road; Dillwyn, VA 23936-2002; 434-983-8780														
706	0175	75%	TLF 1420	2/9/2017	TW	RR	122	0.72	87	0.76	95	32.5	0.17	2.17
708	0154	50%	TLF 1420	2/6/2017	TW	RR	156	1.08	129	0.96	120	34.0	0.10	1.81
8 Winter Katahdins Tested Avg.							137	0.83	100	0.81	100	32.7	0.17	2.06
83 Total Rams Tested Avg.							161	0.85	100	0.85	100	32.9	0.17	2.57

**2017 Virginia Ram Test
NSIP EBVs**

Test ID	Flock ID	Across-Flock EBVs							
		WWT Weaning Weight, kg	PWWT Post-weaning Weight, kg	MWWT Maternal Milk, kg	NLW Maternal Lambs Weaned, %	PFAT Fat Depth, mm	PEMD Loin Muscle Depth, mm	Carcass Plus	PFEC Fecal Egg Count, %
FALL DORSET									
Virginia Tech; Scott Greiner; Dept of Animal & Poultry Sciences; Blacksburg, VA 24061; 540-231-9159									
1	W006	+2.7	+3.9	+0.8	-0.1	-3.0	+1.2	+146	-44
2	W023	+2.3	+4.5	+0.2	+3.0	-3.7	+0.3	+139	-12
3	W045	+3.0	+6.4	-1.1	-3.0	-2.7	+0.2	+142	-31
4	W057	+2.8	+5.6	+0.3	+4.6	-3.1	-0.8	+130	-15
5	W068	+3.6	+6.7	+1.0	+3.2	-3.6	-0.6	+140	+38
U.S. Dorset Breed Avg.		+1.5	+3.4	+0.0	+1.0	+0.0	+0.0	+118	
WINTER SUFFOLK									
Virginia Tech; Scott Greiner; Dept of Animal & Poultry Sciences; Blacksburg, VA 24061; 540-231-9159									
202	W216	+0.1	+1.5	-0.3	+3.6	-0.4	+2.4	+135	+12
204	W241	+1.4	+2.7			-1.1	+1.5	+134	+6
205	W250	+0.6	+1.0	-0.0	-2.5	-0.0	+2.5	+134	-9
Suffangus Farm, LLC; Swartzel's & Ashby's; 399 Indian Ridge Road; Greenville, VA 24440; 540-280-6974; 540-292-9353									
207	7400	+2.0	+4.9	+0.4	+2.0	-1.4	+0.5	+134	
208	7399	+1.1	+2.8	+0.4	+2.0	-1.3	+1.1	+131	
210	7398	+1.7	+4.4		+2.0	-1.4	+1.3	+139	
213	7390	+1.1	+3.6	+0.3	+2.0	-0.3	+0.4	+122	
216	1356	+2.0	+3.5	-0.2	-1.0	+1.1	-2.5	+84	
Season's Bounty Farm; Radell & Sarah Schrock; 2373 Harpine Highway, Apt. A; Harrisonburg, VA 22802; 540-908-5399									
235	7029	-1.3	-0.6			+1.5	+0.0	+89	
237	7054	+0.7	+1.2			+1.1	-1.0	+90	
238	7055	+0.8	+1.5			-0.3	+0.4	+113	
239	7085	+0.0	+0.2			+0.1	+0.2	+102	
240	7087	+1.7	+3.8			-1.8	+0.1	+126	
U.S. Suffolk Breed Avg.		+0.9	+1.8	+0.0	+0.0	-0.5	+0.2	+121	

About EBVs and the National Sheep Improvement Program (NSIP)

Several flocks are enrolled in the sheep industry's genetic improvement program, NSIP (National Sheep Improvement Program). Listed above are breeding values from the National Sheep Improvement Program, which provides Estimated Breeding Values (EBVs) generated through LAMBPLAN in Australia. EBVs provide estimates of the genetic value of an animal as a parent (EBVs are similar to EPDs- an EPD is half the value of the EBV). Specifically, half the difference in EBVs between two individuals predict differences in performance between their future offspring when each is mated to animals of the same genetic merit. All known information on a particular animal is used to calculate its EBV, including performance data (weights, lambing records, carcass ultrasound) on the animal itself, information from its ancestors (sire and dam, grandsire, great grandsire, maternal grandsire, etc.), collateral relatives (brothers and sisters), and progeny (including progeny that are parents themselves). EBVs are reported for the following traits:

Weaning Wt. EBV (WWT): predicts genetic merit for weaning growth potential (measured in kg). A ram with a +2.0 WW EBV would be expected to produce progeny that average 1.0 kg heavier at 60 days of age when compared to a ram with a +0.0 WW EBV (ram transmits half the difference of the EBV difference to progeny)

Post-weaning Wt. EBV (PWWT): Provides indication of post-weaning growth potential, and reflects differences in progeny weight at 120 days of age (expressed in kg).

Maternal Milk EBV (MWWT): Estimates genetic differences in mothering ability and milk production. EBV reflects differences in daughter's lambs weaning weight (kg) primarily due to superior milk production.

Maternal Lambs Weaned EBV (NLW): EBV indicates genetic potential for fertility and lamb survival, and is expressed as a percentage. Comparing an animal with a +10 Lambs Weaned EBV vs. an animal which is +5, the animal with +10 Lambs Weaned EBV would be expected to produce daughters which wean 2.5% more lambs (half the difference in their EBVs)

Fat Depth EBV (PFAT): EBV predicts genetic merit for fat thickness at 12-13th rib at constant live weight (expressed in mm). EBV derived from ultrasound scan data.

Loin Muscle Depth EBV (PEMD): EBV reflects genetic merit for loin muscle depth (mm) at constant live weight. Larger EBVs indicate more muscularity. EBV is derived from ultrasound scan data.

Carcass Plus Index EBV: Terminal sire index EBV developed for Australian markets, and includes combination of post-weaning weight, loin muscle depth, and fat thickness. Reasonable assessment for terminal sires in the U.S.

Fecal Egg Count EBV (PFEC): EBV predicts genetic merit for parasite resistance based on worm egg counts. Animals with low FEC EBVs are expected to have greater parasite resistance. EBV is expressed as percentage.

2017 Ewe Lamb Sale

Ewe lambs sell immediately following rams

Flock Tag	Birth Date	Birth Type	Ewe Breed	Sire
Consignor: Deer Creek Farm; Mark Campbell; Roseland, VA; 434-277-9104				
17-2	2/24/17	S	3/4 Dorset, 1/4 Suffolk	VA Tech T061
17-9	3/11/17	S	Registered Dorset	VA Tech T061
17-13	3/17/17	TW	3/4 Dorset, 1/4 Suffolk	VA Tech T061
17-8	3/6/17	TW	3/4 Dorset, 1/4 Suffolk	VA Tech T061
17-11	3/17/17	TW	1/2 Dorset, 1/2 Hampshire	VA Tech T061
Consignor: Greiner Sisters; Scott, Lori, Kaylee and Leah Greiner; 540-230-2680				
1715	2/23/17	TW	1/2 Hampshire, 1/2 Dorset	"Quantum" Whitaker 2180
1716	2/23/17	TW	1/2 Hampshire, 1/2 Dorset	"Quantum" Whitaker 2180
Consignor: Mountain View Farm; David and Zackery Schumaker; Sweet Springs, WV; 304-536-4412				
1991	2/15/17	S	Hampshire Cross	Ashley Club Lamb - "Honey Badger" son
1988	1/12/17	TW	Hampshire Cross	May Valley Club Lambs - "Impact 120"
1987	1/10/17	TR	Hampshire Cross	May Valley Club Lambs - "Impact 120"
1993	2/2/17	TW	Hampshire/Suffolk	Allred Elliott - "Fox Grape Farm 13-13"
1996	2/13/17	TW	Hampshire/Suffolk	Ashley Club Lamb - "Honey Badger" son
1	2/2/17	TW	Hampshire/Suffolk	Allred Elliott - "Fox Grape Farm 13-13"
1695	11/2016	TW	Dorset/Hampshire	Allred Elliott - "Fox Grape Farm 13-13"
1696	11/2016	TW	Dorset/Hampshire	Allred Elliott - "Fox Grape Farm 13-13"
Consignor: Redifer Livestock, Tracey Redifer, Blacksburg, VA 540-392-2677				
6188	2/9/17	TW	Hampshire x Suffolk	RL5952 (Quantum son)
6198	2/12/17	TW	Hampshire x Suffolk	RL5952 (Quantum son)
6204	2/13/17	TW	Hampshire x Suffolk	RL5952 (Quantum son)
6210	2/22/17	TW	Hampshire x Suffolk	RL Big Show (Show Off grandson)
Consignor: Season's Bounty; Radell and Sarah Schrock; 540-908-5399				
7047	1/11/17	TW	Registered Suffolk	"Hickory" Kimm 16035
7095	1/29/17	S	Registered Suffolk	"Hickory" Kimm 16035
7016	1/6/17	TW	Suffolk Cross	"Teton" Kimm 13149
7030	1/9/17	S	Suffolk Cross	"Teton" Kimm 13149
7033	1/10/17	TW	Suffolk Cross	"Lumberjack" MacCauley 3313
7076	1/21/17	S	Suffolk Cross	"Lumberjack" MacCauley 3313