

# Sheep Field Day, 43<sup>rd</sup> Annual Virginia Performance Tested Ram Lamb Sale and Replacement Ewe Lamb Sale

Virginia Sheep Evaluation Station

Steeles Tavern, VA

Saturday, August 25, 2018



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

1:00 p.m. Ram and Ewe Sale

Online bidding  
available at:  
[livestockbuyer.com](http://livestockbuyer.com)



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

[www.vasheepproducers.com](http://www.vasheepproducers.com)

Or contact:

Dr. Scott Greiner

Extension Animal Scientist, Sheep

Virginia Tech

540-231-9159

[sgreiner@vt.edu](mailto:sgreiner@vt.edu)

Find us on 

[www.facebook.com/VARamTest](http://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* (vibrio) 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**  
**43rd VIRGINIA PERFORMANCE TESTED RAM LAMB SALE**  
**& REPLACEMENT EWE LAMB SALE**

**Saturday, August 25, 2018**

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 Breeding Soundness  
Flock Management  
Sheep Health  
Forages

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, 2019. 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

Ninety rams (13 Fall Dorset, 6 Winter Dorset, 2 Fall Suffolk, 43 Winter Suffolk, 2 Winter Crossbred, 2 Winter North Country Cheviot, 5 Fall White Dorper, 2 Winter White Dorper, 4 Fall Katahdin, 5 Winter Katahdin, 3 Winter Montadale, 3 Winter Texel), were delivered to the Virginia Sheep Evaluation Station on May 1, 2018. 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 17), 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 17.
- 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 12<sup>th</sup> and 13<sup>th</sup> ribs. Adjusted to a constant live weight of 125 pounds.
- Adj. LMA: Ultrasound loin muscle area measurement (square in.) taken between the 12<sup>th</sup> and 13<sup>th</sup> 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.

**2018 Virginia Ram Lamb Performance Test Sale**

**August 25, 2018 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
<b>FALL DORSET</b>														
Virginia Tech; Scott Greiner; Dept of Animal & Poultry Sciences; Blacksburg, VA 24061; 540-231-9159														
1	X019	PB	Maple Hollow 15125	11/12/2017	S	QR	211	0.47	73	0.85	123	33.5	0.22	3.34
2	X027	PB	Maple Hollow 15125	11/17/2017	TW	RR	198	0.80	125	0.82	118	35.5	0.21	3.13
3	X028	PB	VA Tech P026	11/18/2017	TW	QR	164	0.60	93	0.68	98	35.0	0.18	3.56
4	X032	PB	VA Tech P026	11/24/2017	TW	RR	157	0.56	88	0.67	96	32.0	0.13	3.10
5	X036	PB	Maple Hollow 15125	11/27/2017	S	QR	161	0.54	84	0.69	100	28.0	0.18	3.84
Diamond "R" Farms; Anthony S. Rasnick; 1498 Mundytown Road; N. Tazewell, VA 24630; 276-979-1907														
6	792	PB	Karstens 870	10/30/2017	TW	RR	197	0.80	125	0.76	109	34.0	0.14	2.58
7	794	PB	Karstens 870	10/25/2017	TW	QR	212	0.91	142	0.80	115	39.0	0.13	3.08
8	795	PB	Karstens 870	11/1/2017	TW	QR	194	0.80	125	0.75	108	34.5	0.11	3.57
Brasfield Club Lambs & Dorsets; John & Laurie Brasfield; 201 Goff Road; King, NC 27021; 336-983-4423														
9	B17-60	PB	Greiner Sisters 1626	9/15/2017	TW	RR	195	0.52	82	0.64	92	35.0	0.13	2.94
10	B17-63	PB	Greiner Sisters 1626	9/27/2017	TW	QR	203	0.64	100	0.69	100	33.0	0.11	3.91
13 Fall Dorsets Tested Avg.							181	0.64	100	0.69	100	32.7	0.17	3.19
<b>WINTER DORSET</b>														
Deer Creek Farm; Mark & Dana Campbell; 3764 Lowesville Road; Roseland, VA 22967; 434-277-9104														
16	17-16	PB	VA Tech T061	1/14/2018	TW	QR	138	0.83	105	0.75	92	32.5	0.15	2.49
17	17-17	PB	VA Tech T061	1/14/2018	TW	QR	147	0.94	120	0.80	97	32.0	0.18	2.99
Diamond "R" Farms; Anthony S. Rasnick; 1498 Mundytown Road; N. Tazewell, VA 24630; 276-979-1907														
18	804	PB	Karstens 870	1/4/2018	TW	RR	185	0.67	85	0.95	117	37.0	0.15	2.47
Virginia Tech; Scott Greiner; Dept of Animal & Poultry Sciences; Blacksburg, VA 24061; 540-231-9159														
21	X067	PB	Heisdorffer 6017	2/5/2018	TW	QR	137	0.79	100	0.84	103	27.5	0.15	2.96
6 Winter Dorsets Tested Avg.							145	0.79	100	0.82	100	30.4	0.15	2.78
<b>FALL SUFFOLK</b>														
Diamond "R" Farms; Anthony S. Rasnick; 1498 Mundytown Road; N. Tazewell, VA 24630; 276-979-1907														
201	784	PB	Diamond "R" Farms 678	11/22/2017	TW	RR	211	0.73	114	0.89	104	36.5	0.21	3.52
202	785	PB	Diamond "R" Farms 678	11/24/2017	TW	QR	194	0.56	86	0.83	96	36.5	0.22	3.44
2 Fall Suffolks Tested Avg.							203	0.64	100	0.86	100	36.5	0.22	3.48

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**August 25, 2018 1:00 PM**

**Sale Day Phone (540) 230-2680**

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<b>WINTER SUFFOLK</b>														
Season's Bounty Farm; Radell & Sarah Schrock; 2373 Harpine Highway, Apt. A; Harrisonburg, VA 22802; 540-908-5399														
204	8039	PB	"Arnold" Mintgold 3007	1/2/2018	TW	RR	169	0.96	113	0.86	97	35.5	0.20	2.92
206	8068	PB	"Stonewall" Kimm 15550	1/6/2018	S	RR	164	0.87	103	0.85	97	35.0	0.14	3.23
207	8113	PB	"Oswald" MacCAuley 3859	1/25/2018	Tr	RR	150	0.91	108	0.86	98	34.5	0.19	3.15
208	8132	PB	"Scout" Auville 1430A	2/6/2018	TW	RR	144	0.86	101	0.89	101	34.0	0.19	2.70
Suffangus Farm, LLC; The Swortzel's and Ashby's; 399 Indian Ridge Road; Greenville, VA 24440; 540-280-6974/540-292-9353														
211	1361	PB	Slack 4123	2/2/2018	TW	RR	150	0.84	99	0.91	103	29.5	0.19	3.00
212	1360	PB	Slack 4123	2/3/2018	TW	RR	154	0.83	98	0.94	106	34.0	0.17	3.00
213	1357	PB	Slack 4123	2/6/2018	S	RR	160	0.94	111	0.99	112	31.5	0.19	2.97
215	7397	PB	Mint Gold Ranch 6315 RR	2/7/2018	TW	RR	139	0.74	87	0.87	98	31.0	0.15	3.07
216	6381	PB	Suffangus 7388-17	1/31/2018	TW	RR	165	0.85	100	0.99	111	31.0	0.17	3.27
217	6367	PB	Suffangus 7388-17	2/2/2018	TW	RR	168	1.00	118	1.02	115	33.0	0.18	2.59
218	6363	PB	Suffangus 7388-17	2/2/2018	TW	RR	153	0.86	101	0.93	105	32.5	0.16	3.12
219	6362	PB	Suffangus 7388-17	2/3/2018	TW	RR	152	0.85	100	0.92	105	31.0	0.14	3.21
Sponaugle Suffolks & Club Lambs; John H. Sponaugle; 8888 Leroy Road; Grottoes, VA 24441; 540-421-3468														
220	18-298A	PB	Sponaugle 17-457A	1/18/2018	TW	RR	168	0.68	81	0.93	106	33.5	0.20	3.00
221	18-R291A	PB	Sponaugle 17-457A	2/2/2018	TW	QR	149	0.64	76	0.90	102	33.0	0.26	2.86
High Road Sheep; Martin & Julie MacQueen; 101 Pioneer Road; Covington, VA 24426; 540-965-2199														
226	4	PB	MacCauley 2612	1/17/2018	S	RR	168	1.02	121	0.93	105	35.0	0.18	2.68
227	6	PB	C. Reno 510	1/15/2018	TW	QR	140	0.82	96	0.76	86	32.0	0.16	2.71
228	10	PB	MacCauley 2612	1/19/2018	S	RR	139	0.95	112	0.78	88	32.0	0.19	2.18
230	12	PB	C. Reno 510	1/19/2018	TW	QQ	147	1.01	119	0.82	93	30.5	0.14	2.76
231	17	PB	C. Reno 510	1/24/2018	TW	RR	134	0.87	102	0.77	87	28.0	0.12	2.78
232	25	PB	C. Reno 510	1/25/2018	TW	RR	155	1.00	118	0.90	101	33.0	0.21	2.61
233	28	PB	MacCauley 2612	1/20/2018	TW	RR	153	0.97	114	0.86	97	32.0	0.17	3.09
Wheeler Fork Sheep; Bryan M. Smith; 1914 Wheeler Fork Road; Horner, WV 26372; 304-517-6306														
234	6118	PB	C. Reno 510	1/13/2018	TW	RR	187	0.87	102	1.01	114	35.0	0.18	2.76
235	6918	PB	C. Reno 510	1/21/2018	TW	QR	180	0.78	92	1.02	115	33.0	0.14	2.49
Bennett Suffolks; Dalton Bennett; 17343 Red House Road; Red House, VA 23963; 434-664-7946														
237	1807	PB	MacCauley 2771	1/13/2018	TW	RR	175	0.98	115	0.94	107	32.5	0.15	3.27
238	1808	PB	C. Reno 503	1/16/2018	TW	QR	165	0.90	106	0.90	102	33.0	0.18	2.89
240	1835	PB	MacCauley 2612	1/29/2018	TW	RR	145	0.97	114	0.86	97	29.0	0.13	2.87
241	1836	PB	Emenheiser R382	1/30/2018	TW	RR	164	0.90	107	0.98	110	34.0	0.16	2.94
242	1844	PB	MacCauley 2771	2/3/2018	S	QR	148	0.96	113	0.90	102	34.5	0.15	2.72
Virginia Tech; Scott Greiner; Dept of Animal & Poultry Sciences; Blacksburg, VA 24061; 540-231-9159														
246	X255	PB	Kimm 16061	2/24/2018	S	RR	124	0.72	85	0.86	98	31.0	0.19	2.76
42 Winter Suffolks Tested Avg.														
							150	0.85	100	0.88	100	30.7	0.17	2.89

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<b>WINTER CROSSBRED</b>														
High Road Sheep; Martin & Julie MacQueen; 101 Pioneer Road; Covington, VA 24426; 540-965-2199														
311	47	3/4 N.C. Cheviot 1/4 Suffolk	High Road 0085	2/8/2018	S	QR	124	0.90	118	0.78	109	28.0	0.14	2.14
2 Winter Crossbreds Tested Avg.							118	0.77	100	0.72	100	27.8	0.15	2.49
<b>WINTER NORTH COUNTRY CHEVIOT</b>														
High Road Sheep; Martin & Julie MacQueen; 101 Pioneer Road; Covington, VA 24426; 540-965-2199														
404	40	PB	Highland Trooper	2/1/2018	TW	RR	118	0.87	115	0.71	104	26.0	0.17	2.88
2 Winter NC Cheviots Tested Avg.							115	0.75	100	0.68	100	26.5	0.17	2.63
<b>FALL WHITE DORPER</b>														
Double Scott Farm; John Scott, Jr.; 2826 Gardner Road; Princeton, WV 24740; 304-320-3748														
601	1825	PB	Circle R Farming 1415	10/11/2017	TW	RR	201	0.84	109	0.72	106	35.5	0.12	2.77
603	1824	PB	Circle R Farming 1415	10/27/2017	TW	RR	171	0.71	92	0.65	95	35.5	0.14	2.66
604	1816	PB	Circle R Farming 1415	12/24/2017	TW	RR	157	0.79	103	0.77	112	32.0	0.14	2.96
Kuecker White Dorpers; Bill Kuecker & Abigail Houser; 205 Patton Road; Pikeville, TN 37367; 931-267-1802; 615-633-8179														
605	0081	PB	Lewis White Dorpers 160196	12/31/2017	TW	RR	133	0.87	113	0.67	98	31.5	0.14	2.89
5 Fall White Dorpers Tested Avg.							164	0.77	100	0.68	100	33.5	0.13	2.73
<b>WINTER WHITE DORPER</b>														
Kuecker White Dorpers; Bill Kuecker & Abigail Houser; 205 Patton Road; Pikeville, TN 37367; 931-267-1802; 615-633-8179														
615	00138	PB	Locust Creek Dorpers 0819	2/7/2018	S	QR	134	0.80	108	0.83	109	29.0	0.23	
2 Winter White Dorpers Tested Avg.							128	0.74	100	0.77	100	27.0	0.17	2.46

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<b>FALL KATAHDIN</b>														
Silver Maple Katahdins; Jay & Irma Greenstone; 2472 McClures Chapel Road; Rose Hill, VA 24281; 276-346-7235														
701	JAG 860	PB	BAG 2695	11/22/2017	TW	RR	155	0.78	129	0.65	99	34.0	0.14	2.11
4 Fall Katahdins Tested Avg.							153	0.60	100	0.66	100	33.5	0.16	2.32
<b>WINTER KATAHDIN</b>														
Silver Maple Katahdins; Jay & Irma Greenstone; 2472 McClures Chapel Road; Rose Hill, VA 24281; 276-346-7235														
711	JAG 868	PB	HCK 6093	1/20/2018	TW	RR	142	0.80	107	0.79	100	31.5	0.16	2.57
713	JAG 921	PB	HCK 6093	2/16/2018	S	RR	115	0.84	113	0.76	96	32.5	0.20	
Poplar View Farm, LLC; David R. Wise, President; 606 Allen Rosen Road; Dillwyn, VA 23936; 434-983-8780														
714	DRW0247	75%	109764 TLF 1420	1/7/2018	TW	QR	174	0.56	74	0.91	115	32.5	0.15	1.85
5 Winter Katahdins Tested Avg.							136	0.75	100	0.79	100	30.8	0.16	2.34
<b>WINTER TEXEL</b>														
Poplar View Farm, LLC; David R. Wise, President; 606 Allen Rosen Road; Dillwyn, VA 23936; 434-983-8780														
901	DRW0258	PB	17027 WVU 7072 TW	2/18/2018	TW	QR	120	0.83	141	0.80	123	30.0	0.14	3.18
902	DRW0260	PB	17027 WVU 7072 TW	2/22/2018	TW	RR	97	0.63	106	0.67	102	29.5	0.16	2.54
3 Winter Texels Tested Avg.							95	0.59	100	0.65	100	27.5	0.16	2.76
89 Rams Tested Avg.							151	0.76	100	0.80	100	31.0	0.17	2.84



**2018 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, %
<b>FALL DORSET</b>									
Virginia Tech; Scott Greiner; Dept of Animal & Poultry Sciences; Blacksburg, VA 24061; 540-231-9159									
1	X019	+3.3	+6.3	-0.2	-2.0	-1.8	-0.8	+128	
2	X027	+2.7	+4.5	+0.7	+3.3	-2.0	-0.5	+125	
3	X028	+1.1	+3.0	+0.5	+2.9	-3.1	+1.6	+143	-21
4	X032	+0.8	+2.7	+0.4	-0.7	-2.2	+0.8	+129	-3
5	X036	+0.5	+1.0	+0.0	+1.3	-2.2	+1.4	+130	
<b>WINTER DORSET</b>									
Virginia Tech; Scott Greiner; Dept of Animal & Poultry Sciences; Blacksburg, VA 24061; 540-231-9159									
21	X067	+3.0	+5.2		+2.1	-2.5	-0.5	+130	
<b>U.S. Dorset Breed Avg.</b>		<b>+2.1</b>	<b>+4.7</b>	<b>+0.0</b>	<b>+2.3</b>	<b>+0.0</b>	<b>+0.0</b>	<b>+129</b>	
<b>WINTER SUFFOLK</b>									
Season's Bounty Farm; Radell & Sarah Schrock; 2373 Harpine Highway, Apt. A; Harrisonburg, VA 22802; 540-908-5399									
204	8039	+0.3	+0.9	+0.0	+4.0	+0.5	+0.7	+110	
206	8068	+0.2	+1.0			-1.2	+0.9	+118	
207	8113	+0.6	+1.0			-0.2	+0.0	+105	
208	8132	+1.5	+2.5			-1.2	-1.2	+104	
Suffangus Farm, LLC; Swortzel's & Ashby's; 399 Indian Ridge Road; Greenville, VA 24440; 540-280-6974; 540-292-9353									
211	1361	+0.6	+0.0	+0.6	-1.2	+0.9	-0.2	+95	
212	1360	+1.1	+2.1	+0.0	+1.1	+0.3	-0.1	+107	
213	1357	+1.3	+2.6	+0.2	+0.3	+0.6	-0.4	+105	
215	7397	-0.7	-1.6	+0.1	+3.3	-0.3	+1.6	+113	
216	6381	+2.5	+5.3		-0.3	-2.1	+0.5	+140	
217	6367	+2.4	+6.1			-1.1	-0.6	+124	
218	6363	+1.8	+3.9			-1.7	+0.9	+135	
219	6362	+1.8	+3.7		+0.8	-2.2	+0.9	+138	
Virginia Tech; Scott Greiner; Dept of Animal & Poultry Sciences; Blacksburg, VA 24061; 540-231-9159									
246	X255	+1.0	+1.0	+1.1	+0.2	+0.7	+0.8	+112	
<b>U.S. Suffolk Breed Avg.</b>		<b>+1.5</b>	<b>+2.8</b>	<b>+0.0</b>	<b>+0.0</b>	<b>-1.3</b>	<b>+0.3</b>	<b>+125</b>	
<b>About EBVs and the National Sheep Improvement Program (NSIP)</b>									
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:									
<b>Weaning Wt. EBV (WWT):</b> 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)									
<b>Post-weaning Wt. EBV (PWWT):</b> Provides indication of post-weaning growth potential, and reflects differences in progeny weight at 120 days of age (expressed in kg).									
<b>Maternal Milk EBV (MWWT):</b> 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.									
<b>Maternal Lambs Weaned EBV (NLW):</b> 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)									
<b>Fat Depth EBV (PFAT):</b> EBV predicts genetic merit for fat thickness at 12-13 <sup>th</sup> rib at constant live weight (expressed in mm). EBV derived from ultrasound scan data.									
<b>Loin Muscle Depth EBV (PEMD):</b> 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.									
<b>Carcass Plus Index EBV:</b> 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.									
<b>Fecal Egg Count EBV (PFEC):</b> 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.									
<b>Breed Averages:</b> Current breed average EBV for each trait for each breed. In other words, the average genetic merit for each trait for all animals currently enrolled in NSIP in that breed.									

## 2018 Ewe Lamb Sale

Ewe lambs sell immediately following rams

Flock Tag	Birth Date	Birth Type	Codon 171	Ewe Breed	Sire
<b>Consignor: Brasfield Club Lambs &amp; Dorsets; John &amp; Laurie Brasfield; King, NC; 336-983-4423</b>					
B18-5	2/4/18	TW		3/4 Hamp x 1/4 Suffolk	"Lead Off" May Valley Club Lambs
B18-13	2/7/18	TW		3/4 Hamp x 1/4 Dorset	"Lead Off" May Valley Club Lambs
B18-14	2/7/18	TW		3/4 Hamp x 1/4 Dorset	"Lead Off" May Valley Club Lambs
B18-24	2/15/18	TW		1/2 Hamp x 1/2 Suffolk	"Lead Off" May Valley Club Lambs
<b>Consignor: Deer Creek Farm; Mark Campbell; Roseland, VA; 434-277-9104</b>					
17-18	1/22/18	S		Registered Dorset	VA Tech T061
17-30	2/7/18	TR		1/2 Dorset x 1/2 Hamp	VA Tech T061
17-31	2/7/18	TR		1/2 Dorset x 1/2 Hamp	VA Tech T061
<b>Consignor: Diamond "R" Farms; Anthony S. Rasnick; N. Tazewell, VA; 276-979-1907</b>					
685	9/2/17	TW		1/2 Suffolk x 1/2 Dorset	Diamond R Farms 742
789	11/5/17	TW		Registered Dorset	Karstens 870
<b>Consignor: DMC Dorsets; Mike Callison; Hillsboro, WV; 304-651-6135</b>					
G390	2/15/18	S		Registered Dorset	
G391	2/20/18	S		Registered Dorset	
G392	2/17/18	S		Registered Dorset	
G400	2/22/18	S		Registered Dorset	
G430	2/23/18	TW		Registered Dorset	
<b>Consignor: Double Scott Farm; John Scott, Jr.; Princeton, WV; 304-320-3748</b>					
1849	10/28/17	S		Registered White Dorper	Circle R Farming 1415
75	10/31/07	S		Registered White Dorper	Scott Mountain 1810
1851	11/2/17	TW		Registered White Dorper	Circle R Farming 1415
<b>Consignor: Greiner Sisters; Scott, Lori, Kaylee and Leah Greiner; Christiansburg, VA; 540-230-2680</b>					
1806	2/3/18	TW	QR+	Hampshire x Suffolk	Whitaker 3739
1820	2/25/18	TW	QR+	Hampshire x Suffolk	Whitaker 3739
1826	3/4/18	TW	QR+	Hampshire x Suffolk	Whitaker 3739
<b>Consignor: Mountain View Farm; David and Zackery Schumaker; Sweet Springs, WV; 304-520-7353</b>					
2037	2/19/18	TW		3/4 Hamp x 1/4 Suffolk	"Honey Badger" son
2038	2/10/18	TW		3/4 Hamp x 1/4 Suffolk	"Honey Badger" son
<b>Consignor: Redifer Livestock, Tracey Redifer, Blacksburg, VA; 540-392-2677</b>					
6314	1/28/18	TW		Hampshire x Suffolk	Quantum
6341	2/6/18	S		Hampshire x Suffolk	Showoff son
6342	2/7/18	S		Hampshire x Suffolk	Quantum
6332	2/4/18	TW		Hampshire x Suffolk	Quantum
6334	2/4/18	TW		Hampshire x Suffolk	Showoff son
<b>Consignor: Sponaugle Suffolks &amp; Club Lambs; John H. Sponaugle; Grottoes, VA; 540-421-3468</b>					
18-834A	2/5/18	TW	QR+	1/2 Hamp x 1/4 Suff x 1/4 Dorset	Shroyer 940
18-834B	2/5/18	TW	QR+	1/2 Hamp x 1/4 Suff x 1/4 Dorset	Shroyer 940
18-836C	2/8/18	TR		1/2 Hamp x 1/4 Suff x 1/4 Dorset	Shroyer 940
18-420B	2/9/18	TW		1/2 Hamp x 1/4 Suff x 1/4 Dorset	Shroyer 940

\*ewe lambs will sell in groups of 2-3 head, sale order available sale day