UPDATED 8/18/23

48th Annual Virginia Performance Tested Ram Lamb Sale and Replacement Ewe Lamb Sale

Saturday, August 26, 2023

Virginia Sheep Evaluation Station

Virginia Tech Shenandoah Valley AREC

2763 Raphine Rd., Raphine, VA 24472

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

1:00 p.m. Ram and Ewe Sale

Online bidding available at: livestockbuyer.com

LIVESTOCKBUYER.COM
Online Livestock Marketing

More information, including ram videos available at Virginia Sheep Producers Assoc. website www.vasheepproducers.com

Find us on
www.facebook.com/VARamTest

Or contact:
Dr. Scott Greiner
Extension Animal Scientist, Sheep
School of Animal Sciences, Virginia Tech
540-231-9159, sgreiner@vt.edu

Virginia Cooperative Extension
Virginia Tech • Virginia State University
www.ext.vt.edu

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.

48th VIRGINIA PERFORMANCE TESTED RAM LAMB SALE & REPLACEMENT EWE LAMB SALE

Saturday, August 26, 2023
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
Sheep Health
Lamb Marketing
Production and Management Tips

Lunch available on site, provided by Virginia Junior Sheep Breeders Assoc.

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
366 Litton-Reaves Hall
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, 2024. 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

Seventy four rams (15 Fall Dorset, 10 Winter Dorset, 22 Winter Suffolk, 1 Winter Dorset Advantage, 2 Winter North Country Cheviot, 10 Fall White Dorper, 5 Winter White Dorper, 2 Fall Katahdin, 7 Winter Katahdin), were delivered to the Virginia Sheep Evaluation Station on May 1, 2023. 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 low performing rams were eliminated from the sale. Additionally, rams were evaluated for structural soundness and overall type by a committee and unsound and unsuitable rams have been eliminated from the sale. All rams selling have passed a breeding soundness examination conducted by veterinarians from the Virginia-Maryland 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.

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 July 20.

Adj. FT: Ultrasound fat thickness measurement (in.) taken between the 12^{th} and 13^{th} ribs. Adjusted to a constant live weight of 125 pounds.

Adj. LMA: Ultrasound loin muscle area measurement (square in.) taken between the 12^{th} and 13^{th} 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 (ratios are not relevant across all rams in the test).

Test Group Averages: Averages for all rams that concluded the test of same breed and age. Includes both sale 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.*** Final sale order and updates will be posted to the website, and available sale day.

2023 Virginia Ram Lamb Performance Test Sale
August 26, 2023 1:00 PM
Sale Day Phone (540) 230-2680

Test ID	Flock ID	%	Sire	Birth Date	Birth Type	Codon 171 Genotype	Pen	Start Test Wt.	Final Wt.	Test ADG	ADG Ratio	Final WDA	WDA Ratio	Scrotal Cir.	125 lb Adj. FT	Adj. FT Ratio	125 lb. Adj. LMA	Adj. LMA Ratio
FALL DORSET																		
Virginia Tech; Scott Greiner; School of Animal Sciences; Blacksburg, VA 24061; 540-231-9159																		
1	D015	PB	Maple Hollow 15125	10/22/2022	S	RR	4	124	163	0.62	86	0.61	94	31.5	0.16	105	3.30	107
2	D017	PB	VA Tech Z010	10/22/2022	TW	RR	4	114	156	0.67	93	0.58	90	31.5	0.16	106	3.75	122
3	D032	PB	VA Tech Z010	11/5/2022	S	RR	4	137	179	0.67	93	0.70	109	38.0	0.13	81	2.88	93
4	D048	PB	Maple Hollow 15125	11/10/2022	TW	QR	4	109	174	1.03	144	0.70	108	37.0	0.15	96	3.14	102
5	D049	PB	Maple Hollow 15125	11/10/2022	TW	QR	4	131	184	0.84	117	0.74	114	33.0	0.21	136	3.07	100
Stewart Springs; Chris Stewart; 17931 Senedo Rd., Edinburg, VA 22824: 540-325-7147																		
6	0269	PB	VA Tech Z052	9/27/2022	TW	RR	4	139	171	0.51	71	0.58	90	34.0	0.17	110	2.83	92
7	0271	PB	VA Tech Z052	10/19/2022	S	RR	4	133	182	0.78	108	0.67	104	35.0	0.18	113	2.85	93
Meadowview Farms; Scott Neil; 281 Mansion House Rd., McDowell, VA 24458: 443-800-2538																		
9	I319	PB	Meadowview Dorsets D12	10/5/2022	S	QR	4	121	166	0.71	100	0.58	90	30.5	0.26	166	3.10	101
DMC Dorsets; Mike Callison; 1218 Denmar Road; Hillsboro, WV 24946; 304-651-6135																		
11	G0427	PB	Gooramma "Guru" 308	9/14/2022	S	QR	4	179	226	0.75	104	0.74	114	36.0	0.13	81	3.41	110
12	G0381	PB	Gooramma "Guru" 308	9/14/2022	S	QQ	4	172	218	0.73	102	0.71	110	36.0	0.12	80	2.68	87
13	G0435	PB	Gooramma "Guru" 308	9/13/2022	TW	RR	4	153	195	0.67	93	0.63	98	37.0	0.14	90	3.10	100
14	G0428	PB	Gooramma "Guru" 308	9/13/2022	S	QR	4	188	230	0.67	93	0.75	116	38.0	0.14	87	3.43	111
Scott Rasnick; 1498 Mundytown Road; N. Tazewell, VA 24630; 276-979-1907																		
15	1032	PB	Dorsets & Daylillies 715F	11/5/2022	TW	RR	4	129	191	0.98	137	0.75	116	35.5	0.11	68	3.08	100
15 Fall Dorsets Tested Avg.								135	180	0.72	100	0.65	100	34.5	0.16	100	3.09	100
WINTER DORSET																		
Meadowview Farms; Scott Neil; 281 Mansion House Rd., McDowell, VA 24458: 443-800-2538																		
16	J304	PB	VA Tech B046	1/4/2023	TW	QR	3	106	155	0.78	94	0.79	94	32.5	0.12	67	3.07	105
DMC Dorsets; Mike Callison; 1218 Denmar Road; Hillsboro, WV 24946; 304-651-6135																		
17	G0482	PB	DMC Dorsets "Guru" G0449	2/28/2023	S	RR	3	70	127	0.90	110	0.91	107	29.0	0.25	143	3.12	106
19	G0414	PB	DMC Dorsets "Guru" G0449	2/12/2023	TW	RR	3	73	131	0.92	112	0.84	99	33.0	0.15	86	3.25	111
Scott Rasnick; 1498 Mundytown Road; N. Tazewell, VA 24630; 276-979-1907																		
21	1068	PB	Dorsets & Daylillies 715F	2/24/2023	TW	RR	3	69	133	1.02	123	0.92	109	27.5	0.14	78	2.99	102
22	1033	PB	DRD 1000	1/30/2023	TW	RR	3	98	148	0.79	96	0.88	104	34.0	0.25	139	3.21	110
Virginia Tech; Scott Greiner; School of Animal Sciences; Blacksburg, VA 24061; 540-231-9159																		
23	D070	PB	VA Tech Z041	1/25/2023	S	QR	3	92	138	0.73	88	0.79	94	29.5	0.22	125	3.31	113
24	D075	PB	VA Tech Z010	1/27/2023	TW	RR	3	87	145	0.92	112	0.84	100	32.0	0.18	103	2.79	95
25	D082	PB	VA Tech Z010	2/3/2023	S	QR	3	78	136	0.92	112	0.82	98	34.0	0.14	80	2.38	81
10 Winter Dorsets Tested Avg.								85	137	0.83	100	0.84	100	31.2	0.18	100	2.93	100

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WINTER SUFFOLK																		
Virginia Tech; Scott Greiner; School of Animal Sciences; Blacksburg, VA 24061; 540-231-9159																		
206	D206	PB	Seasons Bounty 1022	2/1/2023	TW	QR	2	97	163	1.05	102	0.98	97	31.5	0.19	101	3.49	113
207	D235	PB	Seasons Bounty 0030	2/6/2023	TW	RR	2	97	171	1.17	115	1.06	105	34.0	0.18	95	3.30	107
208	D245	PB	Seasons Bounty 0030	2/8/2023	TR	RR	2	88	170	1.30	127	1.06	106	29.5	0.19	100	3.41	111
209	D253		---------scratch----------															
210	D257		---------scratch----------															
Season's Bounty Farm; Radell & Sarah Schrock; 4260 Cromer Rd.; Rockingham, VA 22802; 540-908-5399																		
212	23030	88%	"Timberline" Kimm 19033	1/13/2023	TW	RR	2	133	203	1.11	108	1.09	109	35.0	0.23	126	2.98	97
213	23076	88%	"Tuba" Emenheiser 22T03	1/23/2023	TW	RR	2	119	190	1.13	110	1.08	108	33.5	0.16	89	2.89	94
214	23085	88%	"Timberline" Kimm 19033	1/29/2023	TW	RR	2	139	208	1.10	107	1.22	122	32.5	0.09	50	2.98	97
Suffangus Farm, LLC; Mac and Isaac Swortzel & Family; 399 Indian Ridge Road; Greenville, VA 24440; 540-280-6974, 540-292-9353																		
216	596	PB	Dry Sandy 210291	1/10/2023	TW	RR	2	127	199	1.14	112	1.05	105	32.5	0.15	79	3.41	111
217	592	PB	Dry Sandy 210291	1/22/2023	TR	RR	2	117	176	0.94	91	0.99	99	34.5	0.20	110	3.05	99
218	586	PB	Dry Sandy 210291	1/30/2023	TW	RR	2	106	169	1.00	98	1.00	100	29.0	0.20	106	2.79	90
219	585	PB	Dry Sandy 210291	1/30/2023	S	RR	2	130	175	0.71	70	1.04	103	33.0	0.20	106	3.11	101
221	582	PB	Dry Sandy 210291	2/1/2023	TR	RR	2	115	181	1.05	102	1.08	108	32.0	0.19	104	3.20	104
222	4377	PB	Subra 21518B	2/1/2023	TW	RR	2	119	180	0.97	95	1.08	107	31.0	0.17	91	2.70	88
223	4372		---------scratch----------															
224	4370	PB	Subra 21518B	2/3/2023	TW	RR	2	98	169	1.13	110	1.02	102	33.0	0.21	113	3.00	97
Meadowview Farms; Scott Neil; 281 Mansion House Rd., McDowell, VA 24458: 443-800-2538																		
225	J203	PB	Seasons Bounty 1092	2/21/2023	TW	RR	2	77	146	1.10	107	0.99	99	28.0	0.23	124	3.06	99
22 Winter Suffolks Tested Avg.								104	168	1.02	100	1.00	100	31.2	0.19	100	3.08	100

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WINTER NORTH COUNTRY CHEVIOT																		
Barkley North Country Cheviots; Matthew & Noah Barkley; 2 Allegheny Mtn. View Trl.; Arbovale, WV 24915; 304-456-4984																		
402	2118	PB	NBNCC 1807	2/14/2023	S	QR	3	69	107	0.60	86	0.69	99	27.0	0.22	124	2.64	99
E & E Farms, Tim & Amanda East; 1543 Walton Rd., Christiansburg, VA 24073; 540-257-1044																		
403	23003	PB	SS1908	1/22/2023	S	RR	3	75	125	0.79	114	0.71	101	28.5	0.13	76	2.69	101
2 Winter North Country Cheviot Tested Avg.								72	116	0.70	100	0.70	100	27.8	0.18	100	2.67	100
FALL WHITE DORPER																		
Double Scott Farm; John Scott, Jr.; 2826 Gardner Road; Princeton, WV 24740; 304-320-3748																		
621	22026	PB	JM White Dorpers 0086	10/26/2022	S	RR	1	158	193	0.56	95	0.73	115	31.5	0.09	65	2.48	99
622	22031	PB	JM White Dorpers 0086	10/31/2022	S	RR	1	154	174	0.32	55	0.67	106	31.5	0.12	83	2.76	110
623	22029	PB	JM White Dorpers 0086	11/14/2022	TW	RR	1	157	204	0.75	128	0.83	131	32.5	0.17	117	2.53	101
624	22028	PB	JM White Dorpers 0086	11/14/2022	TW	RR	1	152	184	0.51	87	0.75	118	30.5	0.14	97	2.48	99
Rock Solid Ranch/Kuecker White Dorper; Jackson Houser/Bill Kuecker; 205 Patton Rd.; Pikeville, TN 37367; 931-267-1802																		
626	391	PB	Weaver Sheep 1584	9/25/2022	TW	RR	1	139	176	0.59	101	0.59	94	31.5	0.19	129	2.60	104
Tennessee Tech Univ.; Amanda Houser; PO Box 5034; Cookeville, TN 38505; 931-267-1802																		
629	2248	PB	R F 6980	11/17/2022	S	QR	1	115	155	0.63	109	0.64	101	32.0	0.18	121		
630	2237	PB	Rock Solid Ranch 0179	9/29/2022	TW	QR	1	104	143	0.62	106	0.49	77	28.0	0.14	99	2.55	102
9 Fall White Dorpers Tested Avg.								133	170	0.58	100	0.63	100	31.1	0.15	100	2.50	100
WINTER WHITE DORPER																		
Rock Solid Ranch; Abigayle & Jackson Houser, Bill Kuecker; 205 Patton Rd.; Pikeville, TN 37367; 931-267-1802																		
632	372	PB	Weaver Sheep 1584	1/3/2023	S	QR	1	90	130	0.63	95	0.66	103	29.0	0.16	96	2.81	119
Tennessee Tech Univ.; Amanda Houser; PO Box 5034; Cookeville, TN 38505; 931-267-1802																		
633	2302	PB	Little M Ranch 1713	1/30/2023	TW	QR	1	69	119	0.79	119	0.70	110	28.5	0.15	93	2.31	97
634	2307	PB	Little M Ranch 1713	1/30/2023	TW	QR	1	77	143	1.05	157	0.85	132	31.0	0.13	77	2.29	97
4 Winter White Dorpers Tested Avg.								73	115	0.67	100	0.64	100	27.6	0.16	100	2.37	100

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FALL KATAHDIN																		
Silver Maple Katahdins; Jay & Irma Greenstone; 3533 Kurt Russell Rd., Jonesville, VA 24263; 276-346-7235																		
702	B136	PB	MOF 2016	11/9/2022	S	RR	1	91	149	0.92	103	0.59	104	31.0	0.17	105		
703	B129	PB	MOF 2016	10/14/2022	TW	RR	1	97	152	0.87	97	0.55	96	31.0	0.16	95		
2 Fall Katahdin Tested Avg.								94	151	0.90	100	0.57	100	31.0	0.16	100		
WINTER KATAHDIN																		
Three M Farm; Brad & Melissa Mullins; 1034 Osbornes Gap Rd., Clintwood, VA 24263; 276-337-9319																		
714	2303	PB	OW 422	1/9/2023	TW	RR	1	98	139	0.65	88	0.73	85	29.5	0.16	104		
715	2302	PB	NWT 7050	1/15/2023	S	RR	1	112	149	0.59	80	0.81	95	28.5	0.15	99	2.10	98
716	2308	PB	NWT 7050	1/28/2023	TW	RR	1	86	139	0.84	114	0.81	95	29.5	0.15	101	2.36	110
Silver Maple Katahdins; Jay & Irma Greenstone; 3533 Kurt Russell Rd., Jonesville, VA 24263; 276-346-7235																		
717	C038	PB	MOF 2016	2/15/2023	TW	RR	1	117	168	0.81	110	1.10	128	32.5	0.08	54	1.91	89
718	C003	PB	MOF 2016	2/3/2023	S	RR	1	99	154	0.87	118	0.93	109	34.0	0.14	93	2.60	122
7 Winter Katahdins Tested Avg.								99	146	0.74	100	0.86	100	30.7	0.15	100	2.14	100
72 Total Rams Tested Avg.								108	159	0.81	100	0.80	100	31.5	0.17	100	2.85	100

2023 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; School of Animal Sciences; Blacksburg, VA 24061; 540-231-9159									
1	D015	+2.2	+4.5	+0.3	-7.9	-0.7	+0.6	+131	-36
2	D017	+1.7	+4.1	+0.2	-2.2	-2.6	+1.0	+140	+24
3	D032	+2.8	+6.8	+0.3	-0.6	-3.0	-0.3	+139	+10
4	D048	+3.0	+7.7	-0.5	-7.2	-1.4	+0.0	+139	+3
5	D049	+3.2	+7.9	-0.5	-7.2	-0.9	-0.3	+136	+3
DMC Dorsets; Mike Callison; 1218 Denmar Road; Hillsboro, WV 24946; 304-651-6135									
11	G0427	+1.7	+3.7		+0.3			+116	
12	G0381	+3.5	+6.5	+0.2	-0.7			+127	
13	G0435	+3.0	+6.0	+0.0	+0.2			+127	
14	G0428	+2.7	+6.5		+0.0			+127	
WINTER DORSET									
DMC Dorsets; Mike Callison; 1218 Denmar Road; Hillsboro, WV 24946; 304-651-6135									
17	G0482	+1.1	+1.8			+0.1	+0.0	+109	
19	G0414								
Virginia Tech; Scott Greiner; School of Animal Sciences; Blacksburg, VA 24061; 540-231-9159									
23	D070	+1.5	+4.2	+0.5	-8.5	-0.7	+1.7	+140	+0
24	D075	+2.6	+7.0	+0.1	-4.8	-2.6	+0.6	+147	+13
25	D082	+3.4	+7.7	+0.4	-4.3	-2.9	-0.6	+140	+5
U.S. Dorset Breed Avg.		***+1.9***	***+4.2***			***-1.6***	***+0.4***	***+125***	
WINTER SUFFOLK									
Virginia Tech; Scott Greiner; School of Animal Sciences; Blacksburg, VA 24061; 540-231-9159									
206	D206	+1.2	+2.6	-0.1	+7.8	-1.2	+1.8	+137	-24
207	D235	+2.6	+3.6	-0.5	+1.7	-1.2	+0.4	+128	-30
208	D245	+2.6	+4.4	-0.4	+5.2	-0.5	+0.5	+128	-28
209	D253		----------scratch----------						
210	D257		----------scratch----------						
Suffangus Farm, LLC; Mac and Isaac Swortzel & Family; 399 Indian Ridge Road; Greenville, VA 24440; 540-280-6974, 540-292-9353									
216	596	+2.6	+5.5		+1.8	-3.2	+1.7	+158	
217	592	+1.9	+3.2		-0.5	-0.5	+0.8	+127	
218	586	+2.3	+4.2		+1.1	-1.2	+0.8	+135	
219	585	+2.6	+4.2		+0.7	-2.7	+0.7	+140	
221	582	+2.9	+4.9		-0.6	-2.8	+1.3	+150	
222	4377	+1.4	+2.7		+0.0	+0.0	-0.6	+106	
223	4372		----------scratch----------						
224	4370	-0.6	-0.3			+1.1	+0.1	+95	
U.S. Suffolk Breed Avg.		***+2.5***	***+4.7***			***-2.0***	***+0.4***	***+135***	

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.

Breed Averages: 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.

2023 Ewe Lamb Sale

Ewe lambs sell immediately following rams

Flock Tag	Birth Date	Birth Type	Ewe Breed	Sire
Consignor: Diamond R Farms, Scott Rasnick; North Tazewell, VA; 276-385-0853				
1035	1/5/23	TW	Dorset Advantage	H-Dittmar-2
1069	1/27/23	TW	Dorset Advantage	H-Dittmar-2
1077	2/12/23	TW	Dorset Advantage	H-Dittmar-2
Consignor: DMC Dorsets, Mike Callison; Hillsboro, WV; 304-651-6135				
G0400	2/26/23	TW	Registered Dorset	DMC Dorsets "Guru" G0449
G0402	2/22/23	TW	Registered Dorset	DMC Dorsets "Guru" G0449
G0406	2/10/23	TW	Registered Dorset	DMC Dorsets "Guru" G0449
G0407	1/29/23	QD	Registered Dorset	DMC Dorsets "Guru" G0449
G0408	1/29/23	QD	Registered Dorset	DMC Dorsets "Guru" G0449
G0412	2/10/23	S	Registered Dorset	DMC Dorsets "Guru" G0449
G0423	2/21/23	TR	Registered Dorset	DMC Dorsets "Guru" G0449
G0430	2/19/23	TW	Registered Dorset	DMC Dorsets "Guru" G0449
Consignor: Double Scott Farm, John Scott Jr.; Princeton, WV; 304-320-3748				
22035	2/3/23	S	Registered White Dorper	Scott Mountain 1899
22036	2/6/23	S	Registered White Dorper	Scott Mountain 1899
22037	2/8/23	TW	Registered White Dorper	Scott Mountain 1899
22038	2/15/23	TW	Registered White Dorper	Scott Mountain 1899
22039	3/9/23	TW	Registered White Dorper	Scott Mountain 1899
Consignor: Kenbar Farm, Rick Kennedy; Tazewell, VA; 276-971-3002				
K100	3/5/23	TW	Registered North Country Cheviot	Meadowview Farms H102
K101	3/5/23	TW	Registered North Country Cheviot	Meadowview Farms H102
JL200	3/7/23	TW	Registered North Country Cheviot	Meadowview Farms H102
JL201	3/7/23	TW	Registered North Country Cheviot	Meadowview Farms H102
Joe 16	2/26/23	TW	3/4 N. Country Chev. X 1/4 Suffolk	Meadowview Farms H102
Joe 20	3/2/23	TR	3/4 N. Country Chev. X 1/4 Suffolk	Meadowview Farms H102
Martin 77	3/18/23	TW	1/2 N. Country Chev. X 1/2 Suffolk	Highland Trooper
Martin 78	3/18/23	TW	1/2 N. Country Chev. X 1/2 Suffolk	Highland Trooper
Consignor: Meadowview Dorsets, Scott Neil; McDowell, VA; 443-800-2538				
J02	1/1/23	TW	1/2 N. Country Chev. X 1/2 Suffolk	Meadowview Farms G101
J04	1/4/23	TW	1/2 N. Country Chev. X 1/2 Suffolk	Meadowview Farms G101
J60	1/21/23	TW	1/2 N. Country Chev. X 1/2 Suffolk	Meadowview Farms G101
25J	3/13/23	TW	1/2 N. Country Chev. X 1/2 Suffolk	JB Vance 236
26J	3/13/23	TW	1/2 N. Country Chev. X 1/2 Suffolk	JB Vance 236
38J	3/18/23	TW	1/2 N. Country Chev. X 1/2 Suffolk	JB Vance 236
Consignor: Mountain View Farm, David Schumaker; Sweet Springs, WV; 304-646-0902, 304-520-7353				
3248	3/2023	TW	Dorset cross	DMC Dorsets
3251	3/2023	TW	Dorset cross	VA Tech Z026
3252	3/2023	TW	Dorset cross	VA Tech Z026
Consignor: Ridgeview Acres, David Shiflett; Grottoes, VA; 540-490-8070				
569	11/10/22	TW	3/4 Suffolk X 1/4 Dorset	
538	10/30/22	TW	3/4 Suffolk X 1/4 Dorset	
575	11/12/22	TW	3/4 Suffolk X 1/4 Dorset	
586	1/19/23	TW	3/4 Suffolk X 1/4 Dorset	
590	1/22/23	TW	3/4 Suffolk X 1/4 Dorset	
584	1/2/23	TW	3/4 Suffolk X 1/4 Dorset	
Consignor: Willow Spring Meadows, LLC, Joseph& Katie Wall; Blacksburg, VA; 540-392-2335				
A025	2/20/23	TW	3/4 Dorset X 1/4 Suffolk	Diamond R Dorsets 0980
C007	3/12/23	S	1/2 Dorset X 1/4 Suffolk x 1/4 Hamp	Diamond R Dorsets 0980

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