# 45<sup>th</sup> Annual Virginia Performance Tested Ram Lamb Sale and Replacement Ewe Lamb Sale

Saturday, August 29, 2020
Virginia Sheep Evaluation Station
Virginia Tech Shenandoah Valley AREC
2763 Raphine Rd., Raphine, VA 24472





\*We will be following COVID-19 guidelines from Virginia Tech/Virginia Cooperative Extension, VDH, and the CDC. Participation in the sale online in encouraged via www.livestockbuyer.com

# 1:00 p.m. Ram and Ewe Sale (no Field Day in 2020- sale only)

More info, including sale videos available at: Virginia Sheep Producers Assoc. website <u>www.vasheepproducers.com</u>

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

### **About the Rams and the Data**

### **Nutrition and Management**

Sixty four rams (13 Fall Dorset, 13 Winter Dorset, 2 Fall Suffolk, 22 Winter Suffolk, 1 Winter Crossbred, 3 Winter North Country Cheviot, 3 Fall White Dorper, 1 Winter White Dorper, 1 Fall Katahdin, 5 Winter Katahdin), were delivered to the Virginia Sheep Evaluation Station on May 4, 2020. 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 21), rams have been limit fed the pelleted ration and had access to pasture.

### Performance Data

<u>%</u>: 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.

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.

Birth Type:

<u>Final Wt.:</u> Ram weight at the conclusion of the 63-day test on July 21.

Test ADG: Average daily gain in pounds per day for the entire 63-day test.

<u>Final WDA:</u> 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.

<u>Trait</u> Expresses performance data for an individual ram as a percentage of the average

Ratios: 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.

<u>Test Group</u> Averages for all rams that concluded the test of same breed and age. Includes both sale <u>Averages</u>:

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.

## 45<sup>th</sup> VIRGINIA PERFORMANCE TESTED RAM LAMB SALE & REPLACEMENT EWE LAMB SALE

### Saturday, August 29, 2020

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**

1:00 p.m. – Performance Tested Ram Sale followed by Ewe Lamb Sale (note no Field Day in 2020- sale only)

# \*We will be following COVID-19 guidelines from Virginia Tech/Virginia Cooperative Extension, VDH, and the CDC. Participation in the sale online in encouraged via www.livestockbuyer.com

Lunch will not be available on site this year.

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, 2021. 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.

### 2019 Virginia Ram Lamb Performance Test Sale August 29, 2020 1:00 PM Sale Day Phone (540) 230-2680

Test	Flock			Birth	Birth Codon 171		Final	Test	ADG	Final	WDA	Scrotal	125 lb	125 lb.	
ID	ID	%	Sire	Date	Туре	Genotype	Pen	Wt.	ADG	Ratio	WDA	Ratio	Cir.	Adj. FT	Adj. LMA
FALL D	ORSET														
Virginia	Tech; Sco	tt Greiner &	Emily Williams; Dept of Anim	Sciences	; Blacksburg	, VA 2	4061; 54	0-231-9	159						
1	A110	PB	Heisdorffer 6017	10/23/2019	S	RR	4	199	0.92	108	0.73	106	34.5	0.18	2.51
2	A117	PB	VA Tech P026	10/24/2019	S	QR	4	203	0.84	98	0.75	108	36.5	0.22	3.46
3	A120	PB	Heisdorffer 6017	10/24/2019	S	RR	4	201	0.86	100	0.74	107	36.0	0.16	2.88
4	A136	PB	Heisdorffer 6017	10/27/2019	TW	QR	4	197	1.27	149	0.74	106	35.0	0.16	3.02
5	A161	PB	VA Tech P026	11/10/2019	S	RR	4	166	0.67	78	0.65	95	33.0	0.12	3.13
Diamon	d "R" Farn	ns; Anthony S	S. Rasnick; 1498 Mundytowr	Road; N. Ta	azewell, V	/A 24630; 27	76-979	-1907							
6	854	PB	Dorset and Day Lillies 715F	11/2/2019	TW	QR	4	164	0.79	93	0.63	91	34.0	0.21	2.85
7	850	PB	Dorset and Day Lillies 715F	11/5/2019	TR	RR	4	173	0.81	95	0.67	97	30.0	0.16	2.98
8	857	PB	Dorset and Day Lillies 715F	10/26/2019	TR	QR	4	193	0.90	106	0.72	104	33.5	0.13	2.96
Chris St	tewart; 179	931 Senedo I	Rd., Edinburg, VA 22824: 54	0-325-7147											
9	172	PB	Hunter 63221	10/27/2019	TW	QR	4	190	0.84	98	0.71	103	31.0	0.18	3.22
David S		Patterson M	lill Rd. Grottoes, VA 24441;		0										
10	905	PB	A&J 18-884	10/12/2019	TW	QR	4	190	0.71	84	0.67	97	32.0	0.32	2.75
	•	,	218 Denmar Road; Hillsbord	r'											
11	530	PB	Gooramma-723 AI	9/23/2019	TR	RR	4	192	0.73	85	0.64	92	33.5	0.21	3.81
12	517	PB	Gooramma-723 AI	9/23/2019	TW	QR	4	195	1.03	121	0.65	93	32.0	0.19	2.70
13	522	PB	Gooramma-723 AI	9/22/2019	S	RR	4	213	0.73	85	0.70	102	32.5	0.26	2.79
13 Fall	Dorsets Te	ested Avg.						190	0.85	100	0.69	100	33.3	0.19	3.00
	R DORSE	=													
Virginia		tt Greiner &	Emily Williams; Dept of Anim	nal & Poultry	Sciences	; Blacksburg	, VA 2	4061; 54	0-231-9	159					
15	A177	PB	VA Tech P026	1/28/2020	S	RR	3	157	0.87	108	0.90	108	31.0	0.19	2.80
16	A179	PB	VA Tech Z010	1/29/2020	S	QR	3	155	0.92	114	0.89	107	34.0	0.22	3.29
			ylee, & Leah Greiner; 1266 S						1						
18	2007	PB	Greiner Sisters 1429	1/21/2020	TW	RR	3	154	0.67	82	0.85	102	27.5	0.19	2.93
			S. Rasnick; 1498 Mundytowr							_		<u> </u>			
19	888	PB	Dorset and Day Lillies 715F	1/12/2020	TW	QR	3	154	0.65	80	0.81	97	29.5	0.16	2.76
20	889	PB	Dorset and Day Lillies 715F	1/3/2020	TW	RR	3	145	0.68	84	0.73	87	29.0	0.19	2.40
		· ·	eil; 281 Mansion House Rd.,												
21	G01	PB	VA Tech X032	1/1/2020	S	QR	3	158	0.60	74	0.78	94	32.5	0.18	3.03
22	G12	PB	Meadowview Dorsets D12	1/11/2020	TW	QQ	3	151	0.79	98	0.79	95	32.5	0.20	2.84
23	G13	PB	Meadowview Dorsets D12	1/11/2020	TW	QQ	3	167	0.94	116	0.87	105	32.0	0.15	3.00
<b>24</b> G19 PB Meadowview Dorsets D12 1/20/2020					TW	QR	3	147	0.83	102	0.80	97	30.5	0.20	2.99
			Rd., Edinburg, VA 22824: 54												
25	181	PB	VA Tech Z052	1/27/2020	TW	QR	3	166	0.94	116	0.94	114	31.0	0.11	2.61
26	178	PB	VA Tech Z052	1/26/2020	TW	RR	3	142	0.94	116	0.80	97	32.0	0.15	3.12
27	180	PB	VA Tech Z052	1/26/2020	TW	QR	3	147	0.90	112	0.83	100	30.0	0.17	2.96
									<u> </u>						
13 Wint	er Dorsets	Tested Avg.						152	0.81	100.0	0.83	100	30.3	0.17	2.90

### 2019 Virginia Ram Lamb Performance Test Sale August 29, 2020 1:00 PM Sale Day Phone (540) 230-2680

201 862 202 870  2 Fall Suffolks Te  WINTER SUFFO Virginia Tech; Sc 207 A258 208 A263 Diamond "R" Far 209 865 Suffangus Farm, 211 6375 212 6357 214 6349 215 6343 217 6338 218 6337 219 6334 Season's Bounty 221 0010 223 0039 224 0058 225 0073	PB PB ested Avg.  DLK cott Greiner & PB PB	er & Emily Williams; Dept of Anim MGR 3007 MGR 8336	11/24/2019 11/29/2019	TW	Genotype  (A 24630; 27  RR  RR	<b>Pen 76-979 4 4</b>	-1907 175 190	1.10 0.98	105 95	0.73 0.81	95 105	32.5 33.0	0.16 0.15	3.22 2.60
Diamond "R" Fame   201	PB PB ested Avg.  DLK cott Greiner & PB PB	DRD 752 Kimm 16006  . er & Emily Williams; Dept of Anim MGR 3007 MGR 8336	11/24/2019 11/29/2019 nal & Poultry	TW	RR	4	175 190	0.98	95					_
Diamond "R" Far 201 862 202 870 2 Fall Suffolks Te WINTER SUFFO Virginia Tech; Sc 207 A258 208 A263 Diamond "R" Far 209 865 Suffangus Farm, 211 6375 212 6357 214 6349 215 6343 217 6338 218 6337 219 6334 Season's Bounty 221 0010 223 0039 224 0058 2020 870 2010 870	PB PB ested Avg.  DLK cott Greiner & PB PB	DRD 752 Kimm 16006  . er & Emily Williams; Dept of Anim MGR 3007 MGR 8336	11/24/2019 11/29/2019 nal & Poultry	TW	RR	4	175 190	0.98	95					-
Diamond "R" Far 201 862 202 870 2 Fall Suffolks Te WINTER SUFFO Virginia Tech; Sc 207 A258 208 A263 Diamond "R" Far 209 865 Suffangus Farm, 211 6375 212 6357 214 6349 215 6343 217 6338 218 6337 219 6334 Season's Bounty 221 0010 223 0039 224 0058 2020 870 2010 870	PB PB ested Avg.  DLK cott Greiner & PB PB	DRD 752 Kimm 16006  . er & Emily Williams; Dept of Anim MGR 3007 MGR 8336	11/24/2019 11/29/2019 nal & Poultry	TW	RR	4	175 190	0.98	95					-
201 862 202 870  2 Fall Suffolks Te  WINTER SUFFO Virginia Tech; Sc 207 A258 208 A263 Diamond "R" Far 209 865 Suffangus Farm, 211 6375 212 6357 214 6349 215 6343 217 6338 218 6337 219 6334 Season's Bounty 221 0010 223 0039 224 0058 225 0073	PB PB  ested Avg.  DLK  cott Greiner 8 PB PB	DRD 752 Kimm 16006  . er & Emily Williams; Dept of Anim MGR 3007 MGR 8336	11/24/2019 11/29/2019 nal & Poultry	TW	RR	4	175 190	0.98	95					-
2 Fall Suffolks Tell  2 Fall Suffolks Tell  WINTER SUFFO Virginia Tech; Sc  207 A258  208 A263  Diamond "R" Fare  209 865  Suffangus Farm,  211 6375  212 6357  214 6349  215 6343  217 6338  218 6337  219 6334  Season's Bounty  221 0010  223 0039  224 0058  225 0073	PB ested Avg.  DLK cott Greiner 8 PB PB	er & Emily Williams; Dept of Anim MGR 3007 MGR 8336	11/29/2019 nal & Poultry	TW		•	190	0.98	95					_
2 Fall Suffolks Te  WINTER SUFFO Virginia Tech; Sc 207 A258 208 A263 Diamond "R" Far 209 865 Suffangus Farm, 211 6375 212 6357 214 6349 215 6343 217 6338 218 6337 219 6334 Season's Bounty 221 0010 223 0039 224 0058 225 0073	ested Avg.  DLK  cott Greiner 8  PB  PB	er & Emily Williams; Dept of Anim  MGR 3007  MGR 8336	nal & Poultry		RR	4				0.81	105	33.0	0.15	2.60
WINTER SUFFO Virginia Tech; Sc 207 A258 208 A263 Diamond "R" Fari 209 865 Suffangus Farm, 211 6375 212 6357 214 6349 215 6343 217 6338 218 6337 219 6334 Season's Bounty 221 0010 223 0039 224 0058 225 0073	DLK cott Greiner 8	er & Emily Williams; Dept of Anim MGR 3007 MGR 8336					183	1.04	400					
WINTER SUFFO Virginia Tech; Sc 207	DLK cott Greiner 8	er & Emily Williams; Dept of Anim MGR 3007 MGR 8336					183	1.04	400					
Virginia Tech; Sc 207 A258 208 A263 Diamond "R" Fari 209 865 Suffangus Farm, 211 6375 212 6357 214 6349 215 6343 217 6338 218 6337 219 6334 Season's Bounty 221 0010 223 0039 224 0058 225 0073	cott Greiner 8	MGR 3007 MGR 8336							100	0.77	100	32.8	0.16	2.91
Virginia Tech; Sc 207 A258 208 A263 Diamond "R" Fari 209 865 Suffangus Farm, 211 6375 212 6357 214 6349 215 6343 217 6338 218 6337 219 6334 Season's Bounty 221 0010 223 0039 224 0058 225 0073	cott Greiner 8	MGR 3007 MGR 8336												
207         A258           208         A263           Diamond "R" Fan           209         865           Suffangus Farm,         211         6375           212         6357         214         6349           215         6343         217         6338           218         6337         219         6334           Season's Bounty         221         0010           223         0039           224         0058           225         0073	PB PB	MGR 3007 MGR 8336		<u> </u>										
208         A263           Diamond "R" Fan           209         865           Suffangus Farm,           211         6375           212         6357           214         6349           215         6343           217         6338           218         6337           219         6334           Season's Bounty           221         0010           223         0039           224         0058           225         0073	РВ	MGR 8336	2/21/2020			, VA 2	4061; 54	0-231-9						
Diamond "R" Far           209         865           Suffangus Farm,         211         6375           212         6357         214         6349           215         6343         217         6338           218         6337         219         6334           Season's Bounty         221         0010           223         0039         224         0058           225         0073			2/21/2020	TW	RR	2	160	1.19	119	1.06	113	31.0	0.14	2.89
209         865           Suffangus Farm,         211         6375           212         6357         214         6349           215         6343         217         6338           218         6337         219         6334           Season's Bounty         221         0010           223         0039           224         0058           225         0073	rms; Anthony		2/28/2020	S	RR	2	159	1.25	126	1.10	118	31.5	0.15	2.92
Suffangus Farm, 211 6375 212 6357 214 6349 215 6343 217 6338 218 6337 219 6334 Season's Bounty 221 0010 223 0039 224 0058 225 0073		ony S. Rasnick; 1498 Mundytowr												
211         6375           212         6357           214         6349           215         6343           217         6338           218         6337           219         6334           Season's Bounty           221         0010           223         0039           224         0058           225         0073	PB	Kimm 16006	1/3/2020	TW	RR	2	169	0.89	89	0.85	90	33.0	0.18	3.00
212         6357           214         6349           215         6343           217         6338           218         6337           219         6334           Season's Bounty           221         0010           223         0039           224         0058           225         0073		Swortzel's and Ashby's; 399 Ind												
214         6349           215         6343           217         6338           218         6337           219         6334           Season's Bounty           221         0010           223         0039           224         0058           225         0073	PB	Suffangus 7393	1/21/2020	TW	QR	2	162	0.97	97	0.89	95	31.5	0.26	2.86
215         6343           217         6338           218         6337           219         6334           Season's Bounty         221           221         0010           223         0039           224         0058           225         0073	PB	Suffangus 7393	1/24/2020	TW	RR	2	163	0.84	84	0.91	97	34.0	0.26	2.92
217         6338           218         6337           219         6334           Season's Bounty         221           221         0010           223         0039           224         0058           225         0073	PB	Suffangus 7393	2/4/2020	S	RR	2	151	0.89	89	0.90	96	28.0	0.25	2.85
218         6337           219         6334           Season's Bounty         221           221         0010           223         0039           224         0058           225         0073	PB	Suffangus 7388	2/4/2020	S	RR	2	160	0.90	91	0.95	102	31.5	0.15	2.68
219         6334           Season's Bounty         221           223         0039           224         0058           225         0073	PB	Suffangus 7388	2/6/2020	TW	RR	2	167	1.11	111	1.01	107	33.0	0.13	2.70
Season's Bounty           221         0010           223         0039           224         0058           225         0073	PB	Suffangus 7388	2/7/2020	TW	RR	2	167	0.94	94	1.01	108	32.0	0.15	3.08
221         0010           223         0039           224         0058           225         0073	PB	Suffangus 7393	2/8/2020	TW	RR	2	147	0.81	81	0.90	96	29.0	0.16	2.67
223     0039       224     0058       225     0073		adell & Sarah Schrock; 2373 Har				g, VA 2	22802; 5	10-908-	5399					
<b>224</b> 0058 <b>225</b> 0073	88%		1/2/2020	S	RR	2	189	1.00	100	0.94	100	31.0	0.23	3.80
<b>225</b> 0073	PB	Oswald MacCauley 3859	1/8/2020	TW	RR	2	171	1.00	100	0.88	93	33.5	0.20	2.94
	88%	Hickory Kimm 16035	1/9/2020	TW	RR	2	196	1.11	111	1.01	108	36.0	0.17	3.22
	75%		1/10/2020	TW	RR	2	194	1.27	127	1.01	107	31.5	0.24	2.87
		edo Rd., Edinburg, VA 22824: 54												
<b>226</b> 196	PB	A&J 15-1539	2/3/2020	TW	QR	2	160	1.16	116	0.95	101	31.0	0.19	3.01
<b>227</b> 197		A&J 15-1539	2/5/2020	TW	QR	2	182	1.32	132	1.09	116	34.5	0.16	2.96
22 Winter Suffolk	РВ	Avg.					162	1.00	100	0.94	100	31.0	0.18	2.92

### 2019 Virginia Ram Lamb Performance Test Sale August 29, 2020 1:00 PM Sale Day Phone (540) 230-2680

Test	Flock			Birth	Birth	Codon 171		Final	Test	ADG	Final	WDA	Scrotal	125 lb	125 lb.
ID	ID	%	Sire	Date	Туре	Genotype	Pen	Wt.	ADG	Ratio	WDA	Ratio	Cir.	Adj. FT	Adj. LMA
WINTE	R CROSS	BRED													
High Ro	pad Sheep		lie MacQueen; 101 Pioneer	Road; Covin	gton, VA	24426; 540-	965-21	99							
301	859	3/4 NC Cheviot x 1/4 Suffolk	Highland Tropper 0237	1/14/2020	TW	QR	3	180	0.90	100	0.95	100	35.5	0.17	2.91
				1											
1 Winte	r Crossbre	ed Avg.						180	0.90	100	0.95	100	35.5	0.17	2.91
WINTE		COUNTRY	CHEVIOT												
	_		alton Rd. Chrsitiansburg, V	24073: 540	-257-104	<u> </u> 4									
408	1-44		scratch												
High Ro	oad Sheep	; Martin & Ju	lie MacQueen; 101 Pioneer	Road; Covin	gton, VA	24426; 540-	965-21	99							
410	889	PB	Highland Trooper 0237	1/25/2020	S	QQ	3	139	0.76	101	0.78	123	32.0	0.22	2.36
3 Winte	er North Co	ountry Chevic	t Tested Avg.					116	0.75	100	0.63	100	28.2	0.19	2.37
	VHITE DO														
	1	·	t, Jr.; 2826 Gardner Road; P			1									
601	1862	PB	Land of Legend 0528	12/15/2019	S	RR	1	167	0.75	86	0.76	96	30.5	0.14	2.55
602	1876	PB	Land of Legend 0528	12/15/2019	TW	QR	1	158	0.76	88	0.72	91	31.5		
604	1878	PB	Land of Legend 0528	12/15/2019	TW	QR	1	195	1.10	126	0.89	113	31.5	0.11	2.87
2 Fall W	/hito Dorn	ers Tested A	\ <u>\</u>					173	0.87	100	0.79	100	31.2	0.12	2.71
3 Fall V	Ville Dolpi	ers resteu A	vg.					1/3	0.07	100	0.79	100	31.2	0.12	2.71
WINTE	∟ R WHITE I	DORPER													
			t, Jr.; 2826 Gardner Road; P	rinceton. WV	/ 24740: 3	304-320-374	8								
605	1877	РВ	JM White Dorpers 0086	1/30/2020	S	RR	1	139	0.83	100	0.80	100	29.0	0.32	
			·												
1 Winte	r White Do	orpers Tested	d Avg.					139	0.83	100	0.80	100	29.0	0.32	
	ATAHDIN														
			Irma Greenstone; 3533 Kurt				; 276-								
701	JAG1033	PB	HCK 6093	10/14/2019	TW	RR	1	182	0.87	100	0.65	100	34.5	0.22	1.77
4 5-111/	atalasikas T							400	0.07	400	0.05	400	0.4.5	0.00	4 77
1 Fall K	atandins i	ested Avg.						182	0.87	100	0.65	100	34.5	0.22	1.77
WINTE	∣ R KATAHI	L NIC													
			Irma Greenstone; 3533 Kurt	Russell Rd	Jonesvil	le. VA 24263	3: 276-	346-723	5						
<b>703</b>	JAG1036		HCK 6093	1/12/2020	TW	RR	1	146	0.79	101	0.76	103	28.5	0.20	2.26
705	JAG1049	PB	HCK 6093	1/19/2020	TW	RR	1	135	0.70	89	0.73	99	34.0	0.16	
706	JAG1052	PB	HCK 6093	1/24/2020	TW	RR	1	134	0.84	107	0.75	101	28.0	0.18	2.47
5 Winte	r Katahdin	s Tested Av	g.					140	0.79	100	0.74	100	30.1	0.17	2.39
64 Tota	l Rams Te	sted Avg.						163	0.89	100	0.82	100	31.3	0.18	2.85

### 2020 Virginia Ram Test NSIP EBVs

			Across-Flock EBVs (as of 8/1/20)			1/20)			
		WWT	PWWT	MWWT	NLW `	PFAT	PEMD		PFEC
Test Flock		Weaning	Post-weaning	Maternal	Maternal Lambs	Fat	Loin Muscle	Carcass	Fecal Egg
ID	ID	Weight, kg	Weight, kg	Milk, kg	Weaned, %	Depth, mm	Depth, mm	Plus	Count, %
FALL DORS	ET								
Virginia Tech	n; Scott Greiner 8	Emily Williams; D	ept of Animal & Poultry	Sciences; Blacks	burg, VA 24061; 540-231-	9159			
1	A110	+2.1	+3.4		-0.9	-1.1	-0.4	+117	-19
2	A117	+2.9	+7.7	+0.6	-3.0	-2.5	-0.8	+134	+21
3	A120	+1.4	+2.2		+0.0	-2.3	+1.0	+132	-10
4	A136	+1.8	+3.4	-0.1	+1.4	-1.6	-0.7	+115	-20
5	A161	+2.4	+6.0	-0.1	-2.7	-2.8	-0.3	+134	+8
WINTER DO	RSET								
Virginia Tech	n; Scott Greiner &	Emily Williams; D	ept of Animal & Poultry	Sciences; Blacks	burg, VA 24061; 540-231-	9159			
15	A177	+1.9	+4.2	-0.1	-3.4	-1.4	-0.5	+119	-14
16	A179	+0.7	+2.3	+0.4	-1.8	-1.1	+0.7	+122	76
17	A182	+1.9	+4.3	+0.5	-0.2	-2.6	+0.9	+140	-17
U.S. Dorset	Breed Avg.	+1.5	+3.2			-1.7	+0.2	+119	
WINTER SU	FFOLK								
		Emily Williams: D	ept of Animal & Poultry	Sciences: Blacks	burg, VA 24061; 540-231-	9159			
207	A258	+1.5	+3.6	+0.6	+1.5	-0.3	+1.3	+132	-25
208	A263	+2.1	+3.6	+0.6	-2.2	-1.4	+1.3	+138	-4
Suffangus Fa	arm, LLC; The Sv	vortzel's and Ashb	y's; 399 Indian Ridge R	oad; Greenville, V	A 24440; 540-280-6974/54	10-292-9353			
211	6375	-0.5	+0.8	-0.6	+2.0	+0.8	+1.5	+115	
212	6357	+0.4	+1.7	+0.0	-1.0	+1.7	+0.2	+102	
214	6349	+0.5	+1.7	+0.0	-3.0	+0.6	+0.4	+109	
215	6343	+1.8	+4.7		+1.0	-2.8	+1.1	+145	
217	6338	+1.7	+4.0	-0.1	+3.0	-2.1	+0.8	+135	
218	6337	+2.1	+5.0	-0.1	+1.0	-3.3	+0.8	+145	
219	6334	+0.6	+1.8	+0.1	-1.0	+0.9	+0.5	+109	
U.S. Suffolk	Breed Avg.	+1.9	+3.6			-1.6	+0.5	+129	

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.

<u>Loin Muscle Depth EBV (PEMD)</u>: 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.

<u>Carcass Plus Index EBV</u>: 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.

### 2020 Ewe Lamb Sale

Ewe lambs sell immediately following rams

Lot	Flock	Birth	Birth	Codon	on Ewe						
Number	Tag	Date	Туре	171	Breed	Sire					
	Consigno	r: Sponau	gle Suf	folks & C	lub Lambs; John H. Sponaugle; Grottoes,	VA; 540-421-3468					
1A	699A	1/24/20	TW	QR+	3/4 Hamp x 14 Suffolk	Shroyer 940					
1B	699B	1/24/20	TW	QR+	3/4 Hamp x 14 Suffolk Shroyer 940						
Consignor: Meadowview Dorsets; Scott Neil; 281 McDowell, VA; 540-396-3538											
2A	G06	1/2/20	TW		Registered Dorset Meadowview Dorsets D12						
2B	G16	1/17/20	TR		Registered Dorset	Meadowview Dorsets D12					
Consignor: Rick Kennedy; Tazewell, VA; 276-971-3002											
3A	19	3/24/20	S		1/2 N. Country Chev. X 1/2 Suffolk	Highland Banner son					
3B	22	3/28/20	TR		3/4 N. Country Chev. X 1/4 Suffolk Highland Banner son						
	Consigno	r: Greiner	Sisters	; Scott, L	ori, Kaylee and Leah Greiner; Christiansb	urg, VA; 540-230-2680					
4A	2003	1/20/20	TW		Dorset	Greiner Sis 1429					
4B	2022	3/13/20	TW		1/2 Dorset x 1/2 Hamp	Greiner Sis 1429					
Consignor: Redifer Livestock, Tracey Redifer, Blacksburg, VA; 540-392-2677											
5A	6591	2/22/20	TW	QR+	Hamp x Suffolk	RL SYA (Show Off son x Lego)					
5B	6598	3/4/20	TW	QR+	Hamp x Suffolk	RL SYA (Show Off son x Lego)					
5C	6613	3/24/20	S		Hamp x Suffolk	RL Big Show (Show Off son x Whitaker Colt)					
Consignor: Meadowview Dorsets; Scott Neil; 281 McDowell, VA; 540-396-3538											
6A	G14	1/14/20	S		Registered Dorset	VA Tech X032					
6B	G21	1/31/20	S		Registered Dorset	VA Tech X032					
	Consigno	r: Sponau	gle Suf	folks & C	lub Lambs; John H. Sponaugle; Grottoes,	VA; 540-421-3468					
7A	513A	1/14/20	TW	QR+	3/4 Hamp x 14 Suffolk Shroyer 940						
7B	704B	1/25/20	TW	QR+	3/4 Hamp x 14 Suffolk	Shroyer 940					
	Consigno	r: Meado	wview L	Dorsets; S	Scott Neil; 281 McDowell, VA; 540-396-353	8					
A8	J24	2/9/20	TW		1/2 N. Country Chev. X 1/2 Suffolk cross	Meadowview Farms D110					
8B	J49	2/2/20	S		1/2 N. Country Chev. X 1/2 Suffolk cross	Meadowview Farms D110					

3/4 N. Country Chev. X 1/4 Suffolk

7/8 N. Country Chev. X 1/8 Suffolk

1/2 N. Country Chev. X 1/2 Suffolk cross

1/2 N. Country Chev. X 1/2 Suffolk cross

Highland Banner son

Highland Banner son

Meadowview Farms D110

Meadowview Farms D110

Consignor: Rick Kennedy; Tazewell, VA; 276-971-3002

Consignor: Meadowview Dorsets; Scott Neil; 281 McDowell, VA; 540-396-3538

S

S

TW

S

9A

9B

10A

10B

20

21

J53

J54

4/3/20

4/6/20

2/3/20

2/7/20