

Dorper vs. Rambouillet in West Texas

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Rambouillet

- Finewool breed that was developed from the Spanish Merino in France
- Foundation breed for many western range flocks
- Also known as a dual-purpose breed for its finewool and carcass characteristics



Dorper

- Breed was developed in the 1940's and originated in South Africa
- Popularity gaining in the United States
- No shearing



Initial Flock

- ◎ Dorper from 20 flocks from 10 states
Oregon, South Dakota, Minnesota, Iowa, Missouri,
Ohio, Kentucky, Oklahoma, Arizona, **Texas**
- ◎ Rambouillet from 13 Texas flocks
- ◎ Ewes born from 2003-2005
- ◎ Approximately 100 ewes/breed

Lamb Production (1091 matings)

	Dorper	Rambouillet	P
Fertility	88%	85%	.3
Lambs born/ewe lambing	1.58	1.38	<.01
Number of lambs weaned	1.15	1.05	.13

Weight and Condition of ewes

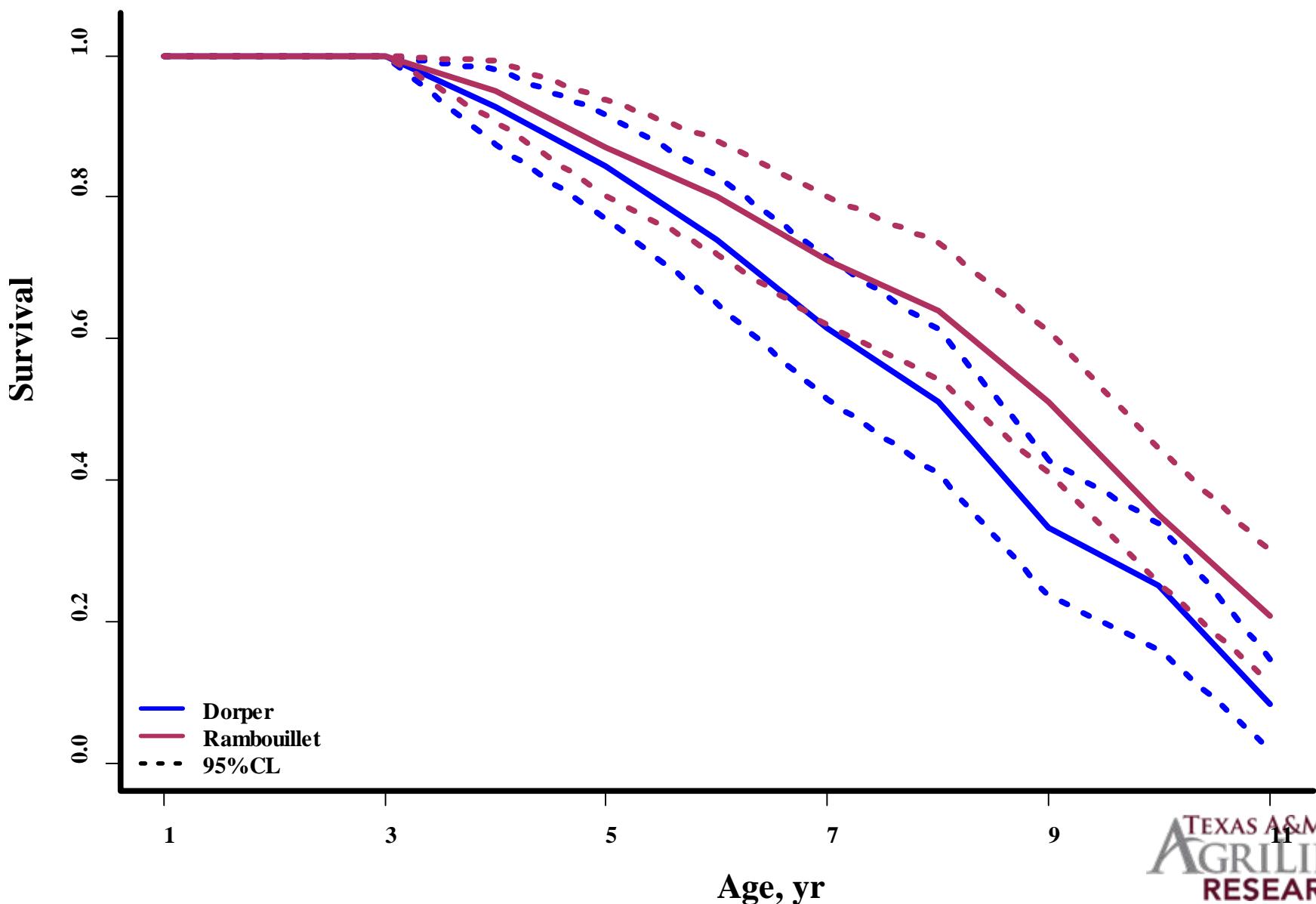
	Dorper	Rambouillet	P
Weight at Breeding, lb	147	154	.05
Body Condition Score	3.0	2.7	<.01

Lamb Production

Weaning Weight (lb)

	Dorper	Rambouillet	P
Single	67	67	
Twin	56	53	<.01
Triplet	47	51	

Ewe Stayability



Carcass Traits

	Dorper	Rambouillet	P
Dressing %	49	47	<.01
USDA Yield Grade	2.9	2.5	<.01
Fat thickness, in	.32	.26	<.01
Bodywall, in	.91	.80	<.01
LMA, Sq. in	2.8	2.6	<.01
Carcass length, in	40.6	41.7	<.01

Resistance/Susceptibility to Parasites

Collection Date	N	Fecal Egg Count, epg			P
		Dorper	Rambouillet		
April, 2006	135	737	789		.78
August, 2006	134	56	45		.42
December, 2006	137	280	378		.07
April, 2007	170	533	943		<.01
August, 2007	169	135	456		<.01

Feed Conversion Efficiency postweaning (70 days)

Ram lambs	Dorper	Rambouillet
2009 Trial	6.80	6.80
2010 Trial	5.81	5.88

* feed/gain

Wrap up

	<u>Dorper</u>	<u>Rambouillet</u>
Body condition	+	
Parasite load	+	
Number of lambs born/ewe	+	
Lamb weights/growth rate	+	+
Feed Conversion	+	+
Dressing Percent	+	
Carcass Yield/Value		+
Ewe Stayability		+
Lamb Survival	+	+
Wool/Pelt Value		+

Sponsors

- National Sheep Industry Improvement Center
- American Sheep & Goat Center
- Half-Circle Six - Philip Glass
- VIP Livestock
- Our Father's Place
- Keith Kugler
- Broadmead Farm
- Riverwood Farm
- Yucca Lily – Mike Sudderth

Lamb Market

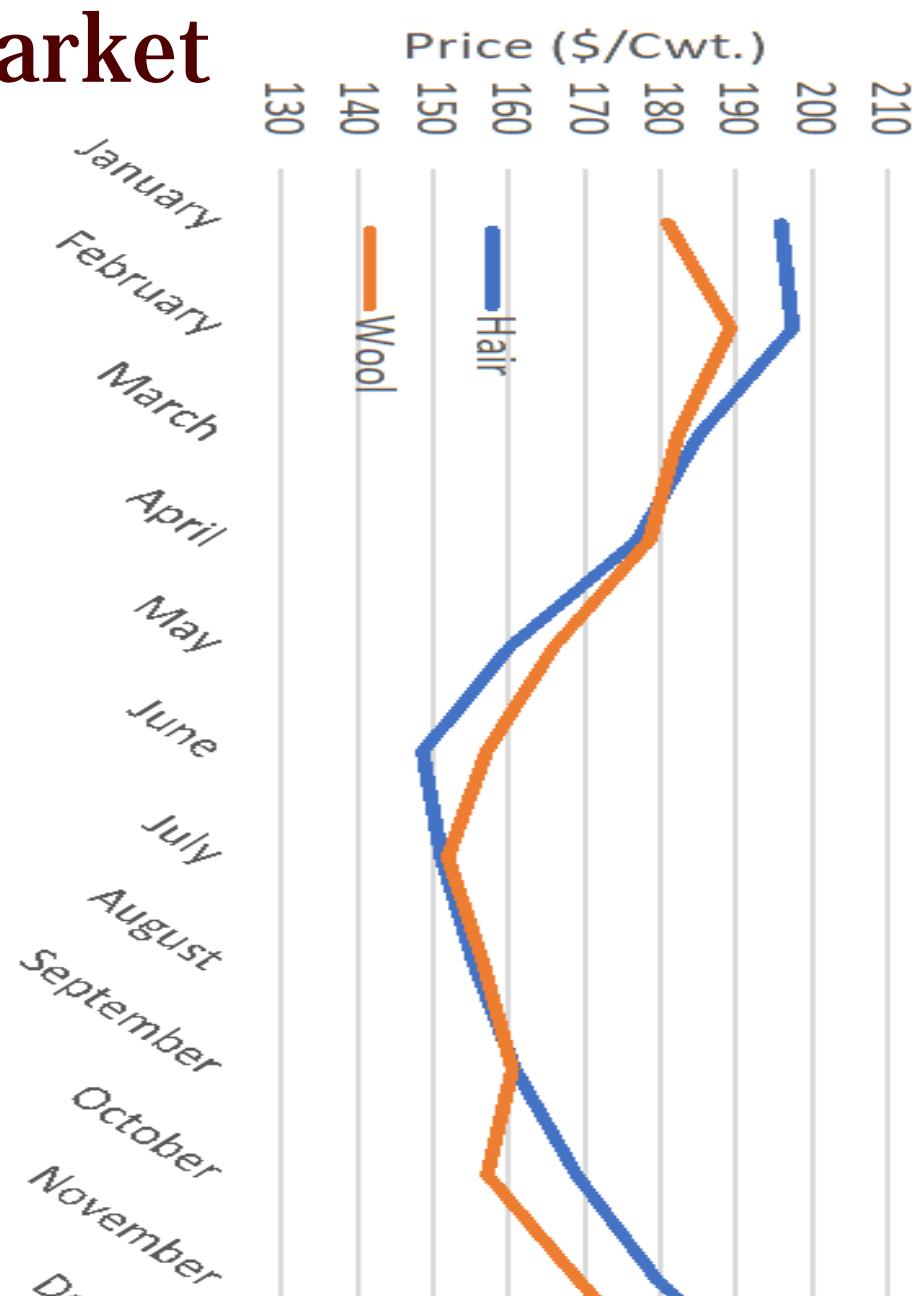


Figure 2. San Angelo Lamb Prices by Type and Month; 2010-2018

Wool Market

20 MICRON MARKET INDICATOR

