

Fargo Ram Sale

Saturday, Aug. 2, 2008

10:30 a.m. CDT – Educational presentations

1:30 p.m. CDT – Sale begins

*Lunch will be available through
NDSU Carnivore Catering*

Location

Shepperd Arena, NDSU
(on the corner of
Centennial Boulevard and Bolley Drive)

*An NDSU campus map can be found online at
www.ndsu.edu/ndsu/maps/2007.CampusMap.pdf*

**30 purebred ram lambs
and yearlings available**

All rams will test RR at codon 171

**40 purebred ewe lambs
available**

All ewe lambs will be QR or RR at codon 171

Sponsored by:

North Dakota State University Extension Service
North Dakota Lamb and Wool Producers Association

NDSU
Extension Service
North Dakota State University

North Dakota Lamb & Wool
Producers Association

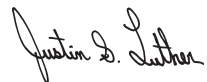


**The North Dakota Lamb and Wool Producers Association
and NDSU Extension Service have made every attempt
to ensure a high-quality offering of rams and ewe lambs.**

1. All rams have been sifted by a committee of three breeders and a veterinarian.
2. All rams have been Elisa tested within 30 days of sale or are from current Brucella Ovis-free flocks.
3. All rams originated from flocks that have been inspected and found foot-rot free.
4. Minimums: weight and scrotal circumference
 - Yearlings – 220 pounds and 32 centimeters
 - Lambs – 120 pounds and 30 centimeters
5. All animals were bred and owned by seller.
6. Papers will be delivered on rams sold as registered rams within 90 days.
7. All rams are guaranteed breeders (ram lambs are not subject to guarantee in year of purchase). Guarantee is between buyer and seller.
8. Health papers are available for out-of-state buyers.
9. All rams tested RR at Codon 171. An official blood test accompanies each ram consignment to confirm RR status.
10. Ewe lambs are QR or RR at Codon 171.

Please enjoy viewing these outstanding consignments and visiting with your fellow sheep producers.

Sincerely,



Justin S. Luther

Sale Manager

NDSU Extension Sheep Specialist

Office (701) 231-7993

Cell (701) 212-8385

Lyle Warner

President

North Dakota Lamb and Wool Producers Association

Home (701) 255-1183

Cell (701) 220-1203

Wyman Scheetz

Vice President

North Dakota Lamb and Wool Producers Association

Phone Bid Coordinator

Cell (701) 220-4639

Featured presentations beginning at 10:30 a.m.

■ Breeding Ewe Lambs

Justin Luther, Sheep Specialist,
NDSU Extension Service

Improvements in lifetime productivity of the ewe can be achieved when bred to lamb at 1 year of age. However, this does not mean that breeding ewe lambs is the correct management decision for every operation. The advantages, disadvantages and recommended management techniques when breeding ewe lambs will be discussed.

■ Ram Management for Better Fertility and Longevity

Justin Luther

Rams are a capital investment for the commercial or purebred sheep enterprise and, thus, proper ram management is a critical factor in determining the success of your operation. Special management considerations to ensure ram longevity and fertility will be discussed.

Fargo Ram Consignments

SUFFOLK RAMS

• Amundson Suffolks

Robert and Mary Amundson
2451 37th St. N.E., Larimore, ND 58251
(218) 779-7631 (cell)
(701) 343-2862 (home)

Lot 1 *yearling Suffolk ram*
Comments *Information on sale day*

• Tom Burke and Robert and Mary Amundson

2451 37th St. N.E., Larimore, ND 58251
(218) 779-7631 (Bob's cell)

Lot 2 *Suffolk ram lamb*
Comments *Information on sale day.*

• Friesz Suffolks

Duane M. and Joana K. Friesz
P.O. Box 67, New Salem, ND 58563
(701) 843-8750 or (701) 400-8744

Lot 3 *Suffolk ram lamb*
Comments *Information on sale day.*

• **Wolff's Suffolks**

Ronald and Elizabeth Wolff
10903 96th St. S.E., Oakes, ND 58474
(701) 783-4514

Lot 4 *yearling Suffolk ram*
Flock Number 19-7L
Birth Date *February 2007*
Birth Type *Single*
Comments *Showed as lamb Big Boy.*

Lot 5 *Suffolk ram lamb*
Flock Number 8-06R
Birth Date *February 2008*
Birth Type *Single*
Comments *Dam is consistent producer
of keeper lambs.*

HAMPSHIRE RAMS

• **Deckert Hamps and Dorsets**

Duane and Linda Deckert
1918 2nd Ave. N.W., Minot, ND 58703
(701) 852-7356 or (701) 838-0916

Lot 6 *yearling Hampshire ram*
Flock Number 0772
Birth Date *February 2007*
Birth Type *Twin*
Comments *Dam 420 used this ram.
Very good lambs out of him.*

• **North Dakota State University**

Wes Limesand, Shepherd
Hultz Hall, Fargo, ND 58105
(701) 356-3295

Lot 7 *yearling Hampshire ram*
Comments *Information on sale day.*

Lot 8 *yearling Hampshire ram*

• **Nathan and Kimberly Robbins**

8861 140th Ave. S.E., Milnor, ND 58060
(701) 298-6043

Lot 9 *yearling Hampshire ram*
Flock Number 719 RR
Birth Date *February 2007*
Birth Type *Single*
Comments *Sired by Springdale Farms ram.
Will add growth and performance.*

Lot 10 *Hampshire ram lamb*
Flock Number 809 RR
Birth Date *February 2008*
Birth Type *Triplet*
Comments *Sired by Robbins Turrbo –
son of Caskey's Silver Star*

• WW Sheep

Lyle Warner
19401 15th St. N.W., Baldwin, ND 58521
(701) 255-1183 (home)

- Lot 11** *Hampshire ram lamb*
Flock Number 751
Comments *A really thick fall-born ram lamb.*
- Lot 12** *Hampshire ram lamb*
Comments *A very nice January ram lamb.*

DORSET RAMS

• Deckert Hamps and Dorsets

Duane and Linda Deckert
1918 2nd Ave. N.W., Minot, ND 58703
(701) 852-7356 or (701) 838-0916

- Lot 13** *yearling Dorset ram*
Flock Number 0798
Birth Date *March 2007*
Birth Type *Single*
Comments *Dam 678 had this lamb at less than 12 months old*
- Lot 14** *yearling Dorset ram*
Flock Number 0793
Birth Date *March 2007*
Birth Type *Single*
Comments *Dam 614 had this lamb at less than 14 months old. I have ewes bred to him for October lambs.*

• Brent and Codi Kuss

1095 55th R Ave. , S.E.Woodworth, ND 58496
(701) 752-4354 or (701) 652-5350

- Lot 15** *Dorset ram lamb*
Tag Number *b81*
Birth Date *January 2008*
Birth Type *Twin*
Comments *2 years old with a 200 percent lamb drop. Her lambs' average actual weight is 69.5 pounds. Sire – he is an old-style Dorset, stout and a lot of thickness. This lamb can be registered upon request.*
- Lot 16** *Dorset ram lamb*
Tag Number *16y*
Comments *5 years old with a 160 percent lamb drop. Her lambs' average actual weaning weight is 57.25 pounds. Sire – he has Nelson, Penn State and Caskey breeding in his pedigree.*

• **Brent Stroh**

4110 40th St. S.E., Tappen, ND 58487
(701) 327-4526

- Lot 17* *Dorset ram lamb*
Comments *Moderate frame with good muscling.*
More information on sale day.
- Lot 18* *Dorset ram lamb*
Comments *Moderate frame with good*
muscling. More information
on sale day.

COLUMBIA RAMS

• **Donald J. Lawson**

6877 County Road 134, Flasher, ND 58535
(701) 597-3133

- Lot 19* *yearling Columbia ram*
Flock Number *791*
Birth Date *February 2007*
Birth Type *Single*
Comments *This is a big (not extreme),*
thick, heavy-boned ram.
Been on pasture for the summer.
- Lot 20* *Columbia ram lamb*
Comments *He was February-born.*
Fed mainly on oats and in
a good breeding condition.
More information on sale day.

• **North Dakota State University**

Wes Limesand, Shepherd
Hultz Hall, Fargo, ND 58105
(701) 356-3295

- Lot 21* *yearling Columbia ram*
Comments *More information on sale day.*
- Lot 22* *yearling Columbia ram*
Comments *More information on sale day.*

RAMBOUILLET RAM

• **Don J. Lawson**

6877 County Road 134, Flasher, ND 58535
(701) 597-3133

- Lot 23* *yearling Rambouillet ram*
Flock Number *7042*
Birth Date *March 2007*
Birth Type *Single*
Comments *Horned ram. Raised on grass with*
no creep as lamb. On pasture also
as yearling; will carry nice fleece.

Lot 24 *yearling Rambouillet ram*
Flock Number *7044*
Birth Date *March 2007*
Birth Type *Twin*
Comments *Horned ram. Raised on grass with
no creep as lamb. On pasture also
as yearling; will carry nice fleece.*

• **WW Sheep**

Lyle Warner
19401 15th St. N.W., Baldwin, ND 58521
(701) 255-1183 (home)

Lot 25 *Rambouillet ram lamb*
Comments *Our Rambouillet rams are out
of a Sorrenson ram. Lots of bone,
body and good wool.*

Lot 26 *Rambouillet ram lamb*
Comments *Our Rambouillet rams are out
of a Sorrenson ram. Lots of bone,
body and good wool.*

KATAHDIN RAM

• **North Dakota State University**

Wes Limesand, Shepherd
Hultz Hall, Fargo, ND 58105
(701) 356-3295

Lot 27 *Katahdin ram*
Comments *More information sale day.*

Lot 28 *Katahdin ram*
Comments *More information sale day.*

Fargo Ewe Consignments

SUFFOLK EWES

• **Amundson Suffolks**

Robert and Mary Amundson
2451 37th St. N.E., Larimore, ND 58251
(701) 343-2862 (home)
(218) 779-7631 (cell)

Lot 29 *Suffolk ewe lamb*
Comments *Information on sale day.*

Lot 30 *Suffolk ewe lamb*
Comments *Information on sale day.*

• **Tom Burke and
Robert and Mary Amundson**

2451 37th St. N.E., Larimore, ND 58251
(218) 779-7631 (Bob's cell)

Lot 31 *Suffolk ewe lamb*
Comments *Information on sale day.*

Lot 32 *Suffolk ewe lamb*
Comments *Information on sale day.*

• **Friesz Suffolks**

Duane M. and Joana K. Friesz
P.O. Box 67, New Salem, ND 58563
(701) 843-8750 or (701) 400-8744

Lot 33 *Suffolk ewe lamb*
Flock Number *872*
Birth Date *February 2008*
Birth Type *Single*
Comments *Big, growthy ewe lamb.*

Lot 34 *Suffolk ewe lamb*
Flock Number *884*
Birth Date *February 2008*
Birth Type *Single*
Comments *Big, growthy ewe lamb.*

Lot 35 *Suffolk ewe lamb*
Flock Number *885*
Birth Date *February 2008*
Birth Type *Single*
Comments *Big, growthy ewe lamb.*

HAMPSHIRE EWES

• **Deckert Hamps and Dorsets**

Duane and Linda Deckert
1918 2nd Ave. N.W., Minot, ND 58703
(701) 852-7356 or (701) 838-0916

Lot 36 *Hampshire ewe lamb*
Flock Number *0890*
Birth Date *February 2008*
Birth Type *Twin*
Comments *Dam Juntunen 5703.*
Maternal sister to last year's ewes.

• **WW Sheep**

Lyle Warner
19401 15th St. N.W., Baldwin, ND 58521
(701) 255-1183 (home)

Lot 37 *Hampshire ewe lamb*
Comments *More information on sale day.*

Lot 38 *Hampshire ewe lamb*
Comments *More information on sale day.*

• **Nathan and Kimberly Robbins**

8861 140th Ave. S.E., Milnor, ND 58060
(701) 298-6043

Lot 39 *Hampshire ewe lamb*
Flock Number *812 RR*
Birth Date *February 2008*
Birth Type *Twin*
Comments *Sired by Robbins Turrbo-son*
 of Caskey's Silver Star.
 Out of my keep pen but wanted
 to bring a good representation
 of our breeding program.

COLUMBIA EWES

• **Donald J. Lawson**

6877 County Road 134, Flasher, ND 58535
(701) 597-3133

Lot 40 *Columbia ewe lamb*
Comments *Coming out of our keeper pen.*
 We cull our lambs hard.
 Will be a nice set of 3.
 More information sale day.

Lot 41 *Columbia ewe lamb*
Comments *Coming out of our keeper pen.*
 We cull our lambs hard.
 Will be a nice set of 3.
 More information sale day.

Lot 42 *Columbia ewe lamb*
Comments *Coming out of our keeper pen.*
 We cull our lambs hard.
 Will be a nice set of 3.
 More information sale day.

DORSET EWE

• **Deckert Hamps and Dorsets**

Duane and Linda Deckert
1918 2nd Ave. N.W., Minot, ND 58703
(701) 852-7356 or (701) 838-0916

Lot 43 *Dorset ewe lamb*
Flock Number *0802*
Birth Date *January 2008*
Birth Type *Twin*
Comments *Dam 614 had yearling ram also*
 in this sale. A real producer.

Deckert Dorset Ewes continues on page 10

Lot 44 Dorset ewe lamb
Flock Number 0806
Birth Date January 2008
Birth Type Twin
Comments RR ewe lamb Dam 556.
Twin kept in flock.

Lot 45 Dorset ewe lamb
Flock Number 0830
Birth Date January 2008
Birth Type Single
Comments Dam 530 Fancy ewe lamb.

• **Brent Stroh**

4110 40th St. S.E., Tappen, ND 58487
(701) 327-4526 or (701) 269-1902

Lot 46 Dorset ewe lamb
Comments Moderate frame with good muscling.
More information on sale date.

Lot 47 Dorset ewe lamb
Comments Moderate frame with good muscling.
More information on sale date.

Lot 48 Dorset ewe lamb
Comments Moderate frame with good muscling.
More information on sale date.

Assessment of the genetic risk and impact of lateral transmission in a valine-associated scrapie outbreak in sheep

*Evoniuk, Stoltenow, O'Rourke, Moore and Redmer.
North Dakota State University, 2005*

Producer Paper

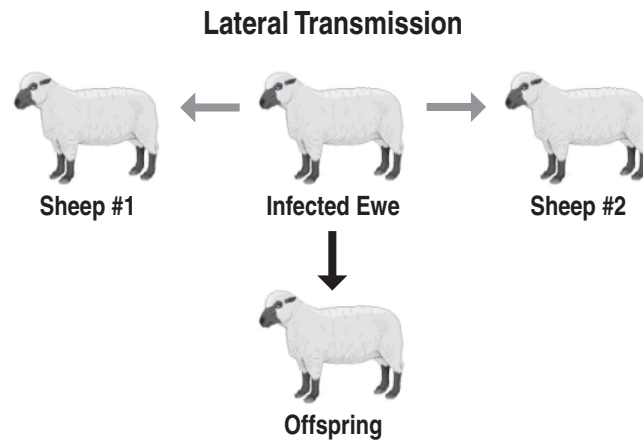
Scrapie is a fatal neurological disease of sheep.
It is considered a transmissible spongiform
encephalopathy.

Susceptibility to scrapie in sheep is primarily
controlled by three codons: codon 136, codon 154 and
codon 171. Of primary importance are codons 136
and 171.

Not all sheep are susceptible to scrapie. The two
alleles possible at codon 136 are A or V. Both of these
alleles are susceptible to scrapie. The two alleles

possible at codon 171 are Q or R. Sheep homozygous at codon 171 (RR) for the R allele are resistant to scrapie. Sheep homozygous at codon 171 (QQ) for the Q allele are susceptible. Until recently, researchers thought that sheep heterozygous at codon 171 (QR) were resistant to scrapie. However, recent research indicates that sheep heterozygous at 171 (QR) may be susceptible for scrapie if they have a valine (V) present at codon 136. To further complicate the issue, the V allele can be found only at codon 136 if a Q allele is present at codon 171. In this study, the following table defines the possible combinations and their susceptibility for scrapie in sheep:

No Risk		Low Risk → High Risk			
AARR	AAQR	AAQQ	AVQR	AVQQ	VVQQ



Transmission of scrapie in sheep may occur vertically (ewe to its lamb) and laterally (ewe to other ewe or other ewe's lamb). Sheep with the VVQQ genotype were especially susceptible to lateral transmission, even as adults.

As compared with other flocks across the nation, this flock had a very high rate of valine within the flock. Also, of the 44 sheep positive for scrapie, only one did not have a V at codon 136.

This may indicate there are different strains of scrapie, or that sheep with valine at 136 are more susceptible.

Removing sheep with the AVQR genotype from infected flocks may be prudent.

North Dakota State University
Department of Animal and Range Sciences

Fargo Ram Sale
Justin Luther
100D Hultz Hall
Fargo, ND 58105

Non Profit Org.
U.S. Postage

Paid

Permit No. 818
Fargo, N.D.