

**1994-95 LAMBING PERFORMANCE OF THE SPOONER
AGRICULTURAL RESEARCH STATION FLOCK**

Yves M. Berger and Richard A. Schlapper
University of Wisconsin-Madison
Spooner Agricultural Research Station

**Romanov x Targhee and Finn x Targhee
2 year old +
accelerated lambing performance by month of lambing**

	RT				FT			
	Aug 94	Oct 94	Jan 95	Mar 95	Aug 94	Oct 94	Jan 95	Mar 95
# of ewes at breeding	-----60-----				-----33-----			
# of ewes aborted	0	0	1	0	0	0	0	0
# of ewes lambed	13	20	30	12	2	7	20	5
# of lambs born	29	45	69	32	3	17	50	12
# of lambs weaned	20	40	63	25	3	12	43	10
Avg. wt at 60 days, lb.	48.9	44.9	48	45	59.4	50.2	50.0	59.0
Litter size	2.23	2.25	2.30	2.67	1.50	2.43	2.50	2.40
% survival	69%	89%	91%	78%	100%	71%	86%	83%
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Yearly fertility	125%				103%			
Average litter size	2.40				2.41			
Average % survival	85%				83%			
# of lambs weaned/ewe/year	2.50				2.06			
Total wt. of lambs at 60 days/ewe/year	123.8				106.7			

Romanov x Targhee and Finn x Targhee
ewe lambs (born Feb. 1994), mated to Dorset or 1/2 East Friesian rams
from September 19 to October 23

	<u>RT</u>	<u>FT</u>
# of ewes at breeding	15	5
Avg. wt at breeding	120± 16	120± 10
# of ewes at lambing	15	4
# of ewes aborted	0	0
# of ewes lambed	14	4
# of lambs born	27	6
# of lambs weaned	25	6
Avg. wt. at 60 days (lb)	45	42
Fertility	93.3%	80.0%
Litter size	1.93	1.50
% Survival	93%	100%
# of lambs weaned/ewe present at lambing	1.67	1.50
Total wt. of lambs at 60 days/ewe present at lambing	75	50.4

Mortality of Lambs Born from Romanov x Targhee and Finn x Targhee Ewes
According to Type of Birth

	<u>Type of birth</u>					Total
	1	2	3	4	5	
<u>RT ewes</u>						
No. born	17	72	93	20	-	202
No. dead	1	10	15	3	-	29
% dead	6%	14%	16%	15%	-	15%
<u>FT ewes</u>						
No. born	5	42	33	8	-	88
No. dead	1	4	6	3	-	14
% dead	20%	10%	18%	38%	-	16%

1/4 East Friesian and 3/4 Dorset
ewe lambs (born Feb. 1994), mated to Dorset or 3/4 East Friesian rams
from October 31 to December 4

	<u>1/4 EF</u>	<u>3/4 Dorset</u>
# of ewes at breeding	49	32
Avg. wt at breeding	128± 14	120± 12
# of ewes at lambing	49	32
# of ewes aborted	1	0
# of ewes lambed	46	27
# of lambs born	89	35
# of lambs weaned	81	31
Avg. wt. at 60 days (lb)	50.5	42.6
Fertility	95.9%	84.3%
Litter size	1.93	1.30
% Survival	91%	89%
# of lambs weaned/ewe present at lambing	1.65	.97
Total wt. of lambs at 60 days/ewe present at lambing	83.5	41.3

Mortality of Lambs Born from 1/4 East Friesian and 3/4 Dorset Ewe Lambs
According to Type of Birth

	<u>Type of birth</u>					Total
	1	2	3	4	5	
<u>1/4 EF ewes</u>						
No. born	10	58	21	-	-	89
No. dead	0	6	2	-	-	8
% dead	0%	10%	10%	-	-	9%
<u>3/4 Dorset ewes</u>						
No. born	17	18	-	-	-	35
No. dead	1	3	-	-	-	4
% dead	6%	17%	-	-	-	11%

Commercial ewes (ewe lambs included)
mated to 1/2 East Friesian or Dorset rams from
October 31 to December 4

	<u>D,RT*</u>	<u>D,FT**</u>
# of ewes at breeding	51	28
Avg. wt at breeding	161 ± 28	160 ± 33
# of ewes at lambing	51	28
# of ewes aborted	0	0
# of ewes lambed	47	27
# of lambs born	111	57
# of lambs weaned	105	56
Avg. wt. at 60 days (lb)	49.4	52.6
Fertility	94.5%	100%
Litter size	2.18	2.11
% survival	94.5%	98.2%
# of lambs weaned/ewe present at lambing	2.06	2.00
Total wt. of lambs at 60 days/ewe present at lambing	101.9	105.2

Mortality of Lambs from Commercial Ewes According to Type of Birth

	<u>Type of birth</u>				Total
	1	2	3	4	
<u>D,RT ewes</u>					
No. born	7	36	60	8	111
No. dead	0	3	3	0	6
% dead	0%	8%	5%	0%	5%
<u>D,FT ewes</u>					
No. born	4	34	15	4	57
No. dead	0	1	0	0	1
% dead	0%	3%	0%	0%	2%

*D,RT = 1/2 Dorset, 1/4 Romanov, 1/4 Targhee

**D,FT = 1/2 Dorset, 1/4 Finn, 1/4 Targhee

Miscellaneous ewes
Romanov and Romanov x Dorset Ewe Lambs

	<u>Romanov</u>	<u>Romanov x Dorset</u>
# of ewes at breeding	15	12
Avg. wt at breeding		104 ± 9.6
# of ewes at lambing	15	12
# of ewes aborted	0	0
# of ewes lambed	12	9
# of lambs born	27	22
# of lambs weaned	23	19
Avg. wt. at 60 days (lb)	46.0	46.0
Fertility	80.0%	75.0%
Litter size	2.25	1.83
% survival	85%	86%
# of lambs weaned/ewe present at lambing	1.53	1.58
Total wt. of lambs at 60 days/ewe present at lambing	70.4	72.7

Lamb Mortality of Lambs from Miscellaneous Ewes According to Type of Birth

	<u>Type of birth</u>					Total
	1	2	3	4	5	
No. born	1	28	12	8	-	41
No. dead	1	2	3	0	-	6
% dead	100%	7%	25%	0%	-	12%

Total Spooner Flock
from August 94 to August 95

# of ewes at breeding	300
Avg. wt at breeding	
# of ewes at lambing	299
# of ewes aborted	1
# of ewes lambed	295
# of lambs born	631
# of lambs weaned	562
Avg. wt. at 60 days (lb)	48.6
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Fertility	98.3%
Litter size	2.14
% Survival	89.1%
# of lambs weaned/ewe present at lambing	1.88
Total wt. of lambs at 60 days/ ewe present at lambing	91.3
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Lamb Mortality for the Entire Flock According to Type of Birth

	Type of birth					Total
	1	2	3	4	5	
No. born	61	284	234	44	-	623
No. dead	4	28	28	6	-	66
% dead	7%	10%	12%	14%	-	11%