

## Feeder Lambs, Spring to Fall

### 100 LAMBS

70 LBS. BEGINNING WEIGHT  
115 LBS. FINISHED WEIGHT  
45 LBS. AVERAGE WEIGHT GAIN

3% Death Loss

50% OF WEIGHT GAIN FROM FEEDING  
0.35 LBS. AVERAGE DAILY GAIN  
5.0 TO 1 FEED CONVERSION WHILE ON FEED

ITEM	HEAD	CWT	UNIT	PRICE	QUANTITY	TOTAL	Your Farm
<b>1. GROSS RECEIPTS</b>							
Market Lambs	97 @	1.15	Cwt	\$125.00	111.55	\$13,943.75	_____
Wool		3.50	Lbs/Head	\$0.45	360.50	\$162.23	_____
<b>2. TOTAL GROSS RECEIPTS</b>						<b>\$141.06 Per Lamb</b>	<b>\$14,105.98</b>
<b>3. VARIABLE COSTS</b>							
FEEDER LAMBS	100 @	0.70	Cwt	150.00	70.00	\$10,500.00	_____
LAMB DELIVERY			Head	3.25	100.00	\$325.00	_____
	Feed Loss						
Alfalfa Hay, Bloom	5.0%		Ton	\$180.00	0.00	\$0.00	_____
Mixed Hay, 2nd Cutting	5.0%		Ton	\$150.00	0.74	\$110.25	_____
Grass Hay, Average	5.0%		Ton	\$75.00	0.00	\$0.00	_____
Pelleted Supplement	2.0%		Ton	\$425.00	0.00	\$0.00	_____
Corn Grain	2.0%		Bushel	\$5.50	188.00	\$1,033.99	_____
SBOM 48%	2.0%		Cwt	19.75	7.20	\$142.17	_____
Limestone	2.0%		Cwt	\$2.25	0.00	\$0.00	_____
Dical	2.0%		Cwt	\$13.50	0.00	\$0.00	_____
Grinding & Mixing		Cwt	Cwt	\$1.40	112.48	\$157.47	_____
Salt & Mineral		Lbs per Lamb	Cwt	\$22.00	17.15	\$377.27	_____
Vet & Medicine		\$/Head	Head	\$8.25	100	\$824.53	_____
Shearing	0.00	\$/Head	Head	\$5.00	100	\$0.00	_____
Supplies			Head	\$2.00	100	\$200.00	_____
Stockpiled Pasture	0.00	Acres per Lamb	Acre	\$51.00	0	\$0.00	_____
Pasture	0.10	Acres per Lamb	Acre	\$21.00	10	\$210.00	_____
Haul Lambs			Head	\$3.75	97	\$363.75	_____
Market Lambs		\$/Head	Head	\$7.31	97	\$709.31	_____
Virginia Check-off			Head	\$0.50	97	\$48.50	_____
Building & Fence Repairs			Head	\$3.00	100	\$300.00	_____
Utilities			Head	\$0.90	100	\$90.00	_____
Machinery (Non-Crop)			Head	\$1.78	100	\$178.00	_____
Labor	2	Hours per Lamb	Hours	\$0.00	200	\$0.00	_____
Operating Interest	6	Months	Dollars	6.00%	\$14,497.00	\$434.91	_____
<b>4. TOTAL VARIABLE COSTS</b>						<b>\$160.05 Per Lamb</b>	<b>\$16,005.16</b>
<b>5. ANNUAL DEBT PAYMENTS</b>						<b>\$0.00</b>	_____
<b>6. PROJECTED NET RETURN TO EQUITY, MANAGEMENT, &amp; FAMILY LABOR</b>						<b>(\$18.99) Per Lamb</b>	<b>(\$1,899.18)</b>

### 7. Price Sensitivity Analysis

		Percent Change in Total Gross Receipts						
		-25%	-10%	-5%	0%	5%	10%	25%
		--- Net Cash Return over Total Variable Costs per Lamb ---						
Percent	-10%	(\$38.25)	(\$17.09)	(\$10.04)	(\$2.99)	\$4.07	\$11.12	\$32.28
Change in	-5%	(\$46.25)	(\$25.10)	(\$18.04)	(\$10.99)	(\$3.94)	\$3.12	\$24.28
Total Variable	0%	(\$54.26)	(\$33.10)	(\$26.04)	(\$18.99)	(\$11.94)	(\$4.89)	\$16.27
Costs	5%	(\$62.26)	(\$41.10)	(\$34.05)	(\$26.99)	(\$19.94)	(\$12.89)	\$8.27
	10%	(\$70.26)	(\$49.10)	(\$42.05)	(\$35.00)	(\$27.94)	(\$20.89)	\$0.27
	25%	(\$94.27)	(\$73.11)	(\$66.06)	(\$59.00)	(\$51.95)	(\$44.90)	(\$23.74)

5% Table Sensitivity

**8. FEED RATIOS**

Feed	Number Head = Days Fed =	Lambs		Lambs		Market Lambs	
		Startup 100	on Pasture 99	on Feed 98	on Feed 98	on Feed 98	on Feed 64
	Unit						
Alfalfa Hay, Bloom	Lbs/Head/Day	0.00	0.00	0.00	0.00	0.00	0.00
Mixed Hay, 2nd Cutting	Lbs/Head/Day	2.00	0.00	0.00	0.00	0.00	0.00
Grass Hay, Average	Lbs/Head/Day	0.00	0.00	0.00	0.00	0.00	0.00
Pelleted Supplement	Lbs/Head/Day	0.00	0.00	0.00	0.00	0.00	0.00
Corn Grain	Lbs/Head/Day 56	0.00	0.00	0.00	0.00	0.00	1.64
SBOM 48%	Lbs/Head/Day 100	0.00	0.00	0.00	0.00	0.00	0.11
Limestone	Lbs/Head/Day 100	0.00	0.00	0.00	0.00	0.00	0.00
Dical	Lbs/Head/Day 100	0.00	0.00	0.00	0.00	0.00	0.00

**9. ANNUAL DEBT SERVICE**

Item	Amount Borrowed	Percent Interest	Length of Loan	Percent to Sheep	Annual Payment
Item Name	0	10.00%	0	100%	\$0.00
Item Name	0	0.00%	0	100%	\$0.00
Item Name	0	0.00%	0	100%	\$0.00
<b>TOTAL ANNUAL DEBT PAYMENTS</b>					<b>\$0.00</b>

**10. ANIMAL HEALTH PROGRAM**

100 Lambs					
Ivermectin Drench	70 Lbs	6	3 ml./26 Lbs	72.95 /Liter	\$3.54
8 Way	5 cc	1	Dose @	1.58 /Dose	\$1.58
8 Way	2 cc	1	Dose @	0.63 /Dose	\$0.63
Other			Dose @	/Dose	\$0.00
Other			Dose @	/Dose	\$0.00
Other			Dose @	/Dose	\$0.00
SUB-TOTAL LAMBS					\$574.53
Your Farm Veterinarian		1	Trip(s) @	\$250 Per Trip	\$250.00
<b>TOTAL HEALTH COST FOR LAMBS =</b>					<b>\$824.53</b>

Trade and brand names are used only for the purpose of providing information. Virginia Cooperative Extension does not guarantee or warrant the standard of any product named to the exclusion of others which also may be suitable.