

Meat Goats: Spring Kidding, Raise Replacements

100 DOES

170% KID CROP

3 BUCKS

KIDS SUPPLEMENTED ON PASTURE

10% KID Death Loss

20% CULLS

45 LBS. AVERAGE WEANING WEIGHT

1.53 = Kids Raised per Doe

0.25 LBS. AVERAGE DAILY GAIN ON PASTURE

ITEM	HEAD	CWT	UNIT	PRICE	QUANTITY	TOTAL	Your Farm
1. GROSS RECEIPTS							
Kids	121 @	0.70	Cwt	\$165.00	84.70	\$13,975.50	_____
Kids, Light	12 @	0.50	Cwt	\$145.00	6.00	\$870.00	_____
Cull Does	16 @	1.00	Cwt	\$120.00	16.00	\$1,920.00	_____
Cull Buck	1 @	1.50	Cwt	\$1.05	1.50	\$1.58	_____
2. TOTAL GROSS RECEIPTS					\$167.67 Per Doe	\$16,767.08	_____
3. VARIABLE COSTS							
Feed Loss							
Alfalfa Hay, Bloom	5.0%		Ton	\$180.00	0.00	\$0.00	_____
Mixed Hay, 2nd Cutting	5.0%		Ton	\$150.00	8.82	\$1,323.00	_____
Grass Hay, Average	5.0%		Ton	\$100.00	27.31	\$2,731.31	_____
17% Pelleted Protein Sup	2.0%		Cwt	\$28.98	0.00	\$0.00	_____
Corn Grain	2.0%		Bushel	\$5.50	326.75	\$1,797.10	_____
SBOM 48%	2.0%		Cwt	19.75	17.17	\$339.04	_____
Limestone	2.0%		Cwt	\$2.50	1.25	\$3.12	_____
Dical	2.0%		Cwt	\$13.50	0.00	\$0.00	_____
Grinding & Mixing			Cwt	\$1.40	201.39	\$281.95	_____
Salt & Mineral			Cwt	\$22.00	20.14	\$443.03	_____
Vet & Medicine			Head	\$8.08	100	\$807.65	_____
Supplies			Head	\$2.00	100	\$200.00	_____
Replacement Buck			Head	\$300.00	1	\$300.00	_____
Stockpiled Pasture			Acre	\$51.00	0	\$0.00	_____
Pasture	0.30		Acre	\$21.00	30	\$630.00	_____
Haul Cull Goats			Head	\$2.00	17	\$34.00	_____
Market Cull Goats			Head	\$6.39	17	\$108.65	_____
Haul Kids			Head	\$1.50	133	\$199.50	_____
Market Kids			Head	\$6.35	133	\$844.37	_____
Building & Fence Repairs			Head	\$3.00	100	\$300.00	_____
Utilities			Head	\$0.90	100	\$90.00	_____
Bedding	25.00		Ton	\$80.00	1.25	\$100.00	_____
Machinery (Non-Crop)			Head	\$1.78	100	\$178.00	_____
Labor	2		Hours	\$0.00	200	\$0.00	_____
Operating Interest	6		Months	6.00%	\$ 9,524	\$285.72	_____
4. TOTAL VARIABLE COSTS					\$109.96 Per Doe	\$10,996.45	_____
5. ANNUAL DEBT PAYMENTS						\$0.00	_____
6. PROJECTED NET RETURN TO EQUITY, MANAGEMENT, & FAMILY LABOR					\$57.71 Per Doe	\$5,770.63	_____

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 Doe ---								
Percent	-10%	\$26.79	\$51.94	\$60.32	\$68.70	\$77.09	\$85.47	\$110.62
Change in	0%	\$21.29	\$46.44	\$54.82	\$63.20	\$71.59	\$79.97	\$105.12
Total Variable	5%	\$15.79	\$40.94	\$49.32	\$57.71	\$66.09	\$74.47	\$99.62
Costs	10%	\$10.29	\$35.44	\$43.82	\$52.21	\$60.59	\$68.98	\$94.13
	25%	\$4.79	\$29.94	\$38.33	\$46.71	\$55.09	\$63.48	\$88.63
		(\$11.70)	\$13.45	\$21.83	\$30.22	\$38.60	\$46.98	\$72.13

5% Table Sensitivity

8. FEED RATIONS

Feed	Unit	Does				Bucks	Weaned	Replacement	
		Maintenance	Flush	Gestation	Lactation		Kids	Kids	
		Number Head =	100	100	100		100	3	153
		Days Fed =	73	30	52	42	150	100	61
Alfalfa Hay, Bloom	Lbs/Head/Day		0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mixed Hay, 2nd Cutting	Lbs/Head/Day		0.00	0.00	0.00	4.00	0.00	0.00	0.00
Grass Hay, Average	Lbs/Head/Day		4.00	0.00	4.00	0.00	4.50	0.00	0.00
17% Pelleted Protein Sup	Lbs/Head/Day	100	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Corn Grain	Lbs/Head/Day	56	0.00	0.50	0.50	1.00	0.00	0.63	0.00
SBOM 48%	Lbs/Head/Day	100	0.00	0.00	0.00	0.00	0.00	0.11	0.00
Limestone	Lbs/Head/Day	100	0.00	0.00	0.00	0.00	0.00	0.01	0.00
Dical	Lbs/Head/Day	100	0.00	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 Goats	Annual Payment
Does	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

TOTAL ANNUAL DEBT PAYMENTS

\$0.00

10. ANIMAL HEALTH PROGRAM

100 DOES		3 BUCKS			
Cysectin Oral Drench ¹	125 Lbs	3	1 ml./11 Lbs	70.49	/Liter \$2.40
Essential 3 + T (CD&T)	2 ml	1	Dose @	145.00	/Liter \$0.29
Covexin 8 (Booster)	2 ml	1	Dose @	108.00	/Liter \$0.22
Other			Dose @		/Dose \$0.00
Other			Dose @		/Dose \$0.00
SUB-TOTAL DOES & BUCKS					\$299.63
162 KIDS					
Cysectin Oral Drench ¹	25 Lbs	2	1 ml./11 Lbs	70.49	/Liter \$0.32
Essential 3 + T (CD&T)	2 ml	2	Dose @	145.00	/Liter \$0.58
Selenium/Vitamin E	5 ml	1	Dose @	111.88	/Liter \$0.56
Other			Dose @		/Dose \$0.00
Other			Dose @		/Dose \$0.00
Other			Dose @		/Dose \$0.00
SUB-TOTAL KIDS					\$236.49
20 REPLACEMENT DOES					
Cysectin Oral Drench ¹	50 Lbs	1	1 ml./11 Lbs	70.49	/Liter \$0.32
Covexin 8	5 ml	1	Dose @	108.00	/Liter \$0.54
Covexin 8 (Booster)	2 ml	1	Dose @	108.00	/Liter \$0.22
Other			Dose @		/Dose \$0.00
Other			Dose @		/Dose \$0.00
Other			Dose @		/Dose \$0.00
SUB-TOTAL REPLACEMENT DOES					\$21.53
Your Farm Veterinarian		1	Trip(s) @	\$250	Per Trip \$250.00

Note 1: All off-label drug use must be prescribed and overseen by a licensed veterinarian.

Note: Follow label directions and withdrawal times for all vaccines, medications and feed additives.

TOTAL HEALTH COST FOR HERD =

\$807.65

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.