

Sheep Planning Starting Year **2008**  
 Insert your numbers in the shaded areas and the spreadsheet will do all the figuring for you.

By: Cliff Little OSU Extension Guernsey County & Jim Clay OSU Extension Emeritus

# of animals you have: Mature Ewes **100**  
 Yearlings **0**  
 Ewe Lambs **0**

Cost Estimates: Ave. feed cost/mature female **\$65.00**  
 De-Worming cost/cwt dose **\$0.00**  
 CD&T cost/per dose **\$0.00**  
 Miscellaneous Costs / (female) **\$10.00**

Sheep Size: If your mature ewe is: Type size in below (1, 2, 3)  
 # <110=1 **2**  
 # 110-150 =2  
 # >150 = 3

Conception Rate: Mature Ewes **0%**  
 Yearlings **0%**  
 Lambs **0%**

Return Estimates: Price/head of lambs sold **\$115.00**  
 av/lbs of wool per animal **2**  
 Price/pound of wool **\$0.50**  
 Culling Rate % **5%**  
 Cull Ewe/price per head **\$75.00**

Drop Rate: Mature Ewes **0%**  
 Yearlings **0%**  
 Lambs **0%**

% death loss: Mature Ewes **0%**  
 Yearlings **0%**  
 Lambs **0%**

Expansion: % of ewe lambs retained **0%**  
 # of females per acre **0**  
 # of Replacements purchased **0**  
 Type of Replacements **0**  
 Per head cost of replacements **\$0.00**

Future Female Replacement Purchases				
	2nd purchase	3rd purchase	4th purchase	
2005-2006	0	0	0	0
2005-2006	\$0.00	\$0.00	\$0.00	\$0.00
2005-2006				\$0.00

Year	Profit per Flock	Profit per ewe	Total # of females ewes + yearlings + lambs	Pasture Reqd. (acres)	Return per Acre	Purchased animals
2008-2009	\$ -	\$(70.25)	100	#DIV/0!	#DIV/0!	0
2009-2010	\$(6,673.75)	\$(70.25)	95	#DIV/0!	#DIV/0!	0
2010-2011	\$(6,340.06)	\$(70.25)	90	#DIV/0!	#DIV/0!	0
2011-2012	\$(6,263.06)	\$(70.25)	86	#DIV/0!	#DIV/0!	0
2012-2013	\$(5,721.91)	\$(70.25)	81	#DIV/0!	#DIV/0!	0
2013-2014	\$(4,435.81)	\$(70.25)	77	#DIV/0!	#DIV/0!	0
2014-2015	\$(5,164.02)	\$(70.25)	74	#DIV/0!	#DIV/0!	0
2015-2016	\$(4,905.82)	\$(70.25)	70	#DIV/0!	#DIV/0!	0
2016-2017	\$(4,660.53)	\$(70.25)	66	#DIV/0!	#DIV/0!	0
2017-2018	\$(4,427.50)	\$(70.25)	63	#DIV/0!	#DIV/0!	0
2018-2019	\$(4,205.13)	\$(70.25)	60	#DIV/0!	#DIV/0!	0
2019-2020	\$(3,995.82)	\$(70.25)	57	#DIV/0!	#DIV/0!	0
2020-2021	\$(3,786.03)	\$(70.25)	54	#DIV/0!	#DIV/0!	0

Sheep Numbers

Year	Mature Ewes	Yearlings	Raised + Purchased Ewe Lambs	# Lambs Produced	Lambs to Sell
2008-2009	100	0	0	0	0
2009-2010	95	0	0	0	0
2010-2011	90	0	0	0	0
2011-2012	86	0	0	0	0
2012-2013	81	0	0	0	0
2013-2014	77	0	0	0	0
2014-2015	74	0	0	0	0
2015-2016	70	0	0	0	0
2016-2017	66	0	0	0	0
2017-2018	63	0	0	0	0
2018-2019	60	0	0	0	0
2019-2020	57	0	0	0	0
2020-2021	54	0	0	0	0

Mature Ewes = Last year's M.E. x DL + Yearlings x DL  
 Yearlings = Last year's Ewe Lambs x DL  
 Ewe Lambs = Last year's Lambs Produced x 45% female  
 Lambs Produced = (this year's M.E. x (CRxDRxDL)) + (yearlings x (CRxDRxDL)) + (ewe lambs x (CRxDRxDL))  
 Lambs to sell = This year's lambs produced minus next year's ewe lambs

Projected Returns

Year	\$ from Mkt. Lambs	\$ from Cull Ewes	\$ from Wool	Total	\$/per Mat. Ewe & Yearling
2008-2009	0.00	375.00	100.00	475.00	4.75
2009-2010	0.00	356.25	95.00	451.25	4.75
2010-2011	0.00	338.44	90.25	428.69	4.75
2011-2012	0.00	321.52	85.74	407.25	4.75
2012-2013	0.00	305.44	81.45	386.89	4.75
2013-2014	0.00	290.17	77.38	367.55	4.75
2014-2015	0.00	275.86	73.51	349.37	4.75
2015-2016	0.00	261.88	69.83	331.71	4.75
2016-2017	0.00	248.78	66.34	315.12	4.75
2017-2018	0.00	236.34	63.02	299.37	4.75
2018-2019	0.00	224.53	59.87	284.40	4.75
2019-2020	0.00	213.30	56.88	270.18	4.75
2020-2021	0.00	202.64	54.04	256.67	4.75

\$ from mkt lambs = this year's lambs to sell x G6 (poke in price)  
 \$ from cull ewes = (M.E. + yearlings) x G12 x G13 (poke in values)  
 \$ from wool = (M.E. + yearlings) x G8 x G9

Animal Flock Cost

Year	De-Worming Doses	Product Cost/cwt dose	De-worming Cost	Feed Cost	CD&T cost	Misc. Cost	Replacement Cost	Total Cost	Cost/Mat. Ewe & Yearling
2008-2009	750	0.00	0.00	6550.00	0.00	1,000.00	-	7550.00	75.00
2009-2010	713	0.00	0.00	6175.00	0.00	850.00	-	7125.00	75.00
2010-2011	677	0.00	0.00	5866.25	0.00	902.50	-	6768.75	75.00
2011-2012	643	0.00	0.00	5572.94	0.00	857.38	-	6430.31	75.00
2012-2013	611	0.00	0.00	5294.29	0.00	814.51	-	6108.80	75.00
2013-2014	580	0.00	0.00	5029.58	0.00	773.78	-	5803.36	75.00
2014-2015	551	0.00	0.00	4778.10	0.00	735.09	-	5513.19	75.00
2015-2016	524	0.00	0.00	4539.19	0.00	698.34	-	5237.53	75.00
2016-2017	498	0.00	0.00	4312.23	0.00	663.42	-	4975.65	75.00
2017-2018	473	0.00	0.00	4096.62	0.00	630.25	-	4726.87	75.00
2018-2019	449	0.00	0.00	3891.79	0.00	598.74	-	4490.53	75.00
2019-2020	427	0.00	0.00	3697.20	0.00	568.80	-	4266.00	75.00
2020-2021	405	0.00	0.00	3512.34	0.00	540.36	-	4052.70	75.00