

# CLEMSON

## EXTENSION

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### FESCUE FOR HAY

ESTIMATED MAINTENANCE COSTS AND RETURNS PER ACRE, 2008/2009  
3 TON YIELD FROM 2 CUTTINGS (SMALL SQUARE BALES)

	UNIT	QUANTITY	PRICE OR COST/UNIT	TOTAL PER ACRE	YOUR FARM
<b>1. GROSS RECEIPTS</b>					
TALL FESCUE (HAY)	TON	3.00	\$100.00	\$300.00	_____
TOTAL RECEIPTS:				<b>\$300.00</b>	_____
<b>2. VARIABLE COSTS</b>					
FERTILIZER					
NITROGEN	LBS	60.00	\$0.59	\$35.40	_____
PHOSPHATE	LBS	50.00	\$0.52	\$26.00	_____
POTASH	LBS	80.00	\$0.26	\$20.80	_____
LIQ. NITROGEN (SPREAD)	LBS	60.00	\$0.49	\$29.40	_____
LIME (SPREAD)	TON	0.50	\$52.50	\$26.25	_____
CUSTOM SPREAD	ACRE	1.00	\$8.00	\$8.00	_____
TWINE	BALE	120.00	\$0.12	\$14.40	_____
TRACTOR/MACHINERY	ACRE	1.00	\$42.84	\$42.84	_____
LABOR	HRS	7.72	\$6.50	\$50.18	_____
INTEREST ON OP. CAP.	DOL.	\$94.35	9.0%	\$8.49	_____
TOTAL VARIABLE COSTS:				<b>\$261.76</b>	_____
<b>3. INCOME ABOVE VARIABLE COSTS:</b>				<b>\$38.24</b>	_____
<b>4. FIXED COSTS</b>					
TRACTOR/MACHINERY	ACRE	1.00	\$62.98	\$62.98	_____
PRORATED ESTABLISHMENT COST	ACRE	1.00	\$24.20	\$24.20	_____
TOTAL FIXED COSTS:				<b>\$87.18</b>	_____
<b>5. OTHER COSTS</b>					
LAND RENT	ACRE	1.00	\$25.00	\$25.00	_____
GENERAL OVERHEAD	DOL.	\$261.76	9.0%	\$23.56	_____
TOTAL OTHER COSTS:				<b>\$48.56</b>	_____
<b>6. TOTAL COSTS:</b>				<b>\$397.50</b>	_____
<b>7. NET RETURNS TO RISK AND MANAGEMENT:</b>				<b>-\$97.50</b>	_____

#### BREAK-EVEN YIELD

VARIABLE COSTS 2.60 TON  
TOTAL COSTS 4.03 TON

#### BREAK-EVEN PRICE

VARIABLE COSTS \$87.25  
TOTAL COSTS \$132.50

\* PLEASE NOTE: THIS BUDGET IS FOR PLANNING PURPOSES ONLY.  
\*\* ESTABLISHMENT COST AMORTIZED OVER 10 YEARS.  
\*\*\* A HERBICIDE MAY BE REQUIRED ON OCCASION.

FESCUE FOR HAY						
PER ACRE MACHINERY AND LABOR REQUIREMENTS FOR FESCUE HAY						
MONTH	OPERATION	TIMES OVER	LABOR HOURS	MACHINE HOURS	VARIABLE COSTS	FIXED COSTS
5&9	MOWER-CONDITIONER	2.00	0.79	0.72	\$11.06	\$20.22
5&9	WINDROWER	2.00	0.37	0.34	\$3.42	\$3.50
5&9	TEDDER	2.00	0.55	0.50	\$5.08	\$7.06
5&9	PTO BALER	2.00	0.84	0.76	\$16.66	\$24.10
5&9	BALE WAGON	2.00	0.37	0.34	\$3.66	\$3.44
5&9	TRUCK 1.5 TON	2.00	0.51	0.46	\$2.96	\$4.66
PER ACRE TOTALS FOR SELECTED OPERATIONS			3.43	3.12	\$42.84	\$62.98
UNALLOCATED LABOR(HRS./AC.)			4.29			

INCOME ABOVE VARIABLE COSTS AT DIFFERING YIELDS AND PRICES						
YIELD		PRICE (\$/ton.)				
TON		\$90.00	\$95.00	\$100.00	\$105.00	\$110.00
2.00		-\$76.96	-\$66.96	-\$56.96	-\$46.96	-\$36.96
2.50		-\$34.36	-\$21.86	-\$9.36	\$3.14	\$15.64
3.00		\$8.24	\$23.24	\$38.24	\$53.24	\$68.24
3.50		\$50.84	\$68.34	\$85.84	\$103.34	\$120.84
4.00		\$93.44	\$113.44	\$133.44	\$153.44	\$173.44

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