

Forage Establishment, Projected Budgets for 2012

	Alfalfa (south)	Cool season Grass-Clover
<i>Yield/acre, air-dry basis*</i>	<i>2.1 tons</i>	<i>0.825 tons</i>
<i>Weighted value/ton, air-dry</i>	<i>\$143.33</i>	<i>\$19.39</i>
ESTIMATED VALUE/ACRE		
Hay (70 60-lb. bales @ \$4.30)	\$301.00	--
Grazing (2 AUM's @ \$8)	--	\$16.00
ESTIMATED TOTAL VALUE/ACRE	\$301.00	\$16.00
ESTIMATED OPERATING COSTS/ACRE		
Seed	\$ 52.50	\$26.50
Fertilizer and soil amendments	123.30	96.45
Crop protection chemicals	18.00	9.00
Crop supplies	6.00	1.00
Custom hire and rental	64.50	24.00
Machinery fuel	26.07	7.88
Machinery repairs and maintenance	16.79	2.94
Operator and hired labor	34.78	10.23
Operating interest @ 6% for ½ year	10.26	5.34
Total Operating Costs/Acre	\$352.20	\$183.34
ESTIMATED OWNERSHIP COSTS/ACRE		
Farm business overhead	\$ 3.88	\$ 2.70
Machinery overhead	19.65	6.37
Machinery depreciation	33.22	6.71
Real estate charge	68.00	34.00
Total Ownership Costs/Acre	\$124.75	\$ 49.78
ESTIMATED TOTAL COSTS/ACRE	\$476.95	\$233.12
Income over Operating Costs/Acre	- \$ 51.20	- \$167.34
Income over Total Costs/Acre	- \$175.95	- \$217.12
Operating costs/ton, air-dry*	\$167.71	\$222.24
Total costs/ton, air-dry*	\$227.12	\$282.59

*Air-dry basis is hay equivalent moisture, or 90% dry matter.

The FBG budget calculator at <http://fapri.missouri.edu> can be used to modify these budgets.

Hay and Pasture, Projected Budgets for 2012

	Alfalfa Sm. sq. bales	Fescue Lg. round bales	Fescue Seed + Stubble Hay + Graze
<i>Yield/acre, air-dry basis*</i>	<i>5 tons</i>	<i>2.05 tons</i>	<i>2.81 tons</i>
<i>Weighted value/ton, air-dry</i>	<i>\$144.00</i>	<i>\$77.56</i>	
ESTIMATED VALUE/ACRE			
Hay	\$720.00	\$159.00	\$ 80.00
Grazing	--	--	8.00
Seed	--	--	60.00
EST. TOTAL VALUE/ACRE	\$720.00	\$159.00	\$148.00
ESTIMATED OPERATING COSTS/ACRE			
Seed	--	--	--
Fertilizer and soil amendments	\$156.60	\$93.20	\$114.80
Crop protection chemicals	6.50	--	--
Crop supplies	9.00	7.00	3.60
Custom hire and rental	112.00	12.59	30.00
Machinery fuel	28.43	8.34	9.55
Machinery repairs and maintenance	15.66	4.70	6.26
Operator and hired labor	38.86	9.29	12.68
Operating interest @ 6% for ½ year	11.01	4.06	5.31
Total Operating Costs/Acre	\$378.06	\$139.18	\$182.20
ESTIMATED OWNERSHIP COSTS/ACRE			
Farm business overhead	\$ 5.43	\$ 3.15	\$ 2.07
Machinery overhead	9.61	9.10	9.52
Machinery depreciation	31.10	11.58	11.37
Real estate charge	68.00	--	34.00
Total Ownership Costs/Acre	\$114.14	\$ 23.83	\$ 56.96
ESTIMATED TOTAL COSTS/ACRE	\$492.20	\$163.01	\$239.16
Value over Operating Costs/Acre	\$341.94	\$19.82	- \$34.20
Value over Total Costs/Acre	\$227.80	- \$ 4.01	- \$91.16
Operating costs/ton, air-dry*	\$75.61	\$67.89	
Total costs/ton, air-dry*	\$98.44	\$79.52	

*Air-dry basis is hay equivalent moisture, or 90% dry matter.

The budget generator at <http://fapri.missouri.edu> can be used to modify these budgets.

Silage and Baleage Projected Budgets for 2012

	Corn Silage	Alfalfa Baleage
<i>Yield/acre, air-dry basis*</i>	<i>8 tons</i>	<i>5.25 tons</i>
<i>Value/ton, air-dry</i>	<i>\$72.00</i>	<i>\$140.00</i>
ESTIMATED VALUE/ACRE		
Silage/baleage	<u>\$576.00</u>	<u>\$735.00</u>
ESTIMATED TOTAL VALUE/ACRE	\$576.00	\$735.00
ESTIMATED OPERATING COSTS/ACRE		
Seed	\$ 58.51	--
Fertilizer and soil amendments	130.25	\$160.80
Crop protection chemicals	33.00	6.50
Crop supplies	1.00	84.50
Custom hire and rental	70.50	40.88
Machinery fuel	26.96	45.34
Machinery repairs and maintenance	16.27	45.68
Operator and hired labor	23.20	52.70
Operating interest @ 6% for ½ year	<u>10.79</u>	<u>13.09</u>
Total Operating Costs/Acre	\$370.48	\$449.49
ESTIMATED OWNERSHIP COSTS/ACRE		
Farm business overhead	\$ 3.60	\$ 5.43
Machinery overhead	22.45	26.01
Machinery depreciation	26.35	45.94
Real estate charge	<u>130.00</u>	<u>68.00</u>
Total Ownership Costs/Acre	\$182.40	\$145.38
ESTIMATED TOTAL COSTS/ACRE	\$552.88	\$594.87
Value over Operating Costs/Acre	\$205.52	\$285.51
Value over Total Costs/Acre	\$ 23.12	\$140.13
Operating costs/ton, air-dry*	\$46.31	\$85.62
Total costs/ton, air-dry*	\$69.11	\$113.31

*Air-dry basis is hay equivalent moisture, or 90% dry matter.

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