

**Cool Season Grass/Clover, Continuous Grazing**  
**Estimated Expenses per Acre**

Item	Description	Unit	Quantity	Price	Amount (\$/acre)	Your Farm
<b>Variable Expenses</b>						
Fertilizer <sup>1</sup>	N	lb	60.00	\$ 0.48	\$ 28.80	_____
	P2O5	lb	30.00	\$ 0.34	\$ 10.20	_____
	K2O	lb	30.00	\$ 0.23	\$ 6.90	_____
	Custom Application	acre	1.00	\$ 5.00	\$ 5.00	_____
Lime <sup>2</sup>	Custom Application	ton	0.20	\$ 21.00	\$ 4.20	_____
Overseeding <sup>3</sup>	White Clover	lb	0.33	\$ 3.06	\$ 1.01	_____
	Red Clover	lb	0.67	\$ 2.86	\$ 1.92	_____
Weed Control <sup>4</sup>						_____
Post-Emerge	2,4-D Ester 4EC	pt	1.00	\$ 2.04	\$ 2.04	_____
	Custom Application	acre	0.50	\$ 5.00	\$ 2.50	_____
Machinery						_____
Fuel		acre	1.00	\$ 1.53	\$ 1.53	_____
Oil & Filter		acre	1.00	\$ 0.23	\$ 0.23	_____
Repairs & Maintenance		acre	1.00	\$ 1.38	\$ 1.38	_____
Fence Repairs		acre	1.00	\$ 5.56	\$ 5.56	_____
Interest on Operating Capital	6 months	acre	\$ 71.26	8.0%	\$ 2.85	_____
				<b>Total Variable Expenses</b>	\$ 74.11	_____
<b>Fixed Expenses</b>						
Machinery						_____
Depreciation		acre	1.00	\$ 0.57	\$ 0.57	_____
Interest		acre	1.00	\$ 0.79	\$ 0.79	_____
Housing & Insurance		acre	1.00	\$ 0.09	\$ 0.09	_____
				<b>Total Fixed Expenses</b>	\$ 1.45	_____
<b>Labor Expenses</b>						
Labor <sup>5,6</sup>		hour	0.35	\$ 8.50	\$ 2.94	_____
				<b>Total Budgeted Expenses</b>	\$ 78.50	_____

**Footnotes:**

<sup>1</sup>Fall application of nitrogen. Spring nitrogen provided by clover.

<sup>2</sup>Lime is applied at the rate of 2 tons every 10 years.

<sup>3</sup>To maintain clover in the pasture it should be overseeded every four years, at the rate of 2 lbs of white clover and 4 lbs of red clover per acre.

<sup>4</sup>Weed spray is done every 2 years at a rate of 2 pt/acre to supplement clipping and control broadleaf weeds.

<sup>5</sup>Labor expense is \$8.50 per hour, including wages, Social Security and Medicaid taxes and payroll administration costs.

<sup>6</sup>Labor for managing livestock grazing is not included in this budget. Hours devoted to moving cattle and fences should be included in livestock enterprise analyses.

**Cool Season Grass/Clover, Continuous Grazing  
Estimated Machinery and Labor Requirements per Acre**

Month	Operation	Power Unit	Implement	Hours per Acre	
				Machine	Labor
Feb	Post-Emerge (2,4-D Ester 4EC)	Custom	Custom	---	---
Feb	overseed Clover	Tractor, 60 hp	Broadcast Spreader	0.02	0.02
May	Mow	Tractor, 60 hp	Rotary Mower, 10'	0.26	0.32
Sep	Fertilize & Lime	Custom	Custom	---	---
				<b>Total</b>	<b>0.35</b>

**Estimated Machinery Expenses per Acre**

Machine	Hours per Acre	Variable Cost			Total Variable Costs	Fixed Cost			Total Fixed Costs
		Fuel	Oil & Filter	Repairs	Depreciation	Interest	Housing & Insurance		
Tractor, 60 hp	0.28	1.53	0.23	0.49	2.24	0.29	0.35	0.03	0.67
Rotary Mower, 10'	0.26	0.00	0.00	0.88	0.88	0.27	0.43	0.06	0.76
Broadcast Spreader	0.02	0.00	0.00	0.01	0.01	0.01	0.01	0.00	0.02
<b>Total</b>		<b>\$ 1.53</b>	<b>\$ 0.23</b>	<b>\$ 1.38</b>	<b>\$ 3.13</b>	<b>\$ 0.57</b>	<b>\$ 0.79</b>	<b>\$ 0.09</b>	<b>\$ 1.45</b>
<b>Total Machinery Cost</b>									<b>\$ 4.59</b>