

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

Item	Description	Unit	Quantity	Price	Amount (\$/acre)	Your Farm
Variable Expenses						
Fertilizer ¹	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	_____
Overseeding ²	Fescue or Orchardgrass	lb	2.00	\$ 1.00	\$ 2.00	_____
	White Clover	lb	0.33	\$ 3.06	\$ 1.01	_____
	Red Clover	lb	0.67	\$ 2.86	\$ 1.92	_____
No-Till Drill, Rental		acre	0.17	\$ 8.00	\$ 1.36	_____
Weed Control ³						_____
Post-Emerge	2,4-D Ester 4EC	pt	1.00	\$ 2.04	\$ 2.04	_____
	Custom Application	acre	0.17	\$ 5.00	\$ 0.85	_____
Machinery						_____
Fuel		acre	1.00	\$ 4.14	\$ 4.14	_____
Oil & Filter		acre	1.00	\$ 0.62	\$ 0.62	_____
Repairs & Maintenance		acre	1.00	\$ 3.15	\$ 3.15	_____
Fence Repairs		acre	1.00	\$ 6.86	\$ 6.86	_____
Interest on Operating Capital 6 months		acre	\$ 74.85	8.0%	\$ 2.99	_____
					Total Variable Expenses	\$ 77.85
Fixed Expenses						
Establishment Cost		acre	1.00	\$ 36.54	\$ 36.54	_____
Machinery						_____
Depreciation		acre	1.00	\$ 1.39	\$ 1.39	_____
Interest		acre	1.00	\$ 1.87	\$ 1.87	_____
Housing & Insurance		acre	1.00	\$ 0.21	\$ 0.21	_____
Fencing						_____
Depreciation	Perimeter Fence	acre	1.00	\$ 6.94	\$ 6.94	_____
Depreciation	Divider Fence	acre	1.00	\$ 6.50	\$ 6.50	_____
Interest	Perimeter Fence	acre	1.00	\$ 5.56	\$ 5.56	_____
Interest	Divider Fence	acre	1.00	\$ 1.30	\$ 1.30	_____
					Total Fixed Expenses	\$ 60.31
Labor Expenses						
Labor ^{4,5}		hour	0.94	\$ 8.50	\$ 7.98	_____
					Total Budgeted Expenses	\$ 146.14

Footnotes:

¹Fall application of nitrogen. Spring nitrogen provided by clover.

²To maintain clover in the pasture it should be overseeded once during the 6-year stand-life, at the rate of 2 lbs of white clover and 4 lbs of red clover per acre. 12 lbs of fescue also overseeded once. These rates are prorated over the life of the stand.

³Weed spray is done once at a rate of 2 pt/acre, and is prorated over the 6-year stand-life.

⁴Labor expense is \$8.50 per hour, including wages, Social Security and Medicaid taxes and payroll administration costs.

⁵Labor 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, Intensive 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	Fertilize	Custom	Custom	---	---
Feb	Overseed Clover	Tractor, 60 hp	Broadcast Spreader	0.02	0.02
Mar	Drag Pastures	Tractor, 60 hp	Harrow, 10'	0.14	0.17
May	Mow	Tractor, 60 hp	Rotary Mower, 10'	0.26	0.32
Jun	Fertilize	Custom	Custom	---	---
Jul	Mow	Tractor, 60 hp	Rotary Mower, 10'	0.26	0.32
Sep	Overseed Fescue or Orchardgrass	Tractor, 60 hp	No-Till Drill, Rental	0.08	0.10
Sep	Fertilize	Custom	Custom	---	---
				Total	0.94

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	0.75	4.14	0.62	1.32	6.09	0.80	0.95	0.08	1.82
Rotary Mower, 10'	0.52	0.00	0.00	1.77	1.77	0.53	0.86	0.13	1.52
Harrow, 10'	0.14	0.00	0.00	0.05	0.05	0.05	0.05	0.01	0.11
Broadcast Spreader	0.02	0.00	0.00	0.01	0.01	0.01	0.01	0.00	0.02
Total		\$ 4.14	\$ 0.62	\$ 3.15	\$ 7.92	\$ 1.39	\$ 1.87	\$ 0.21	\$ 3.47
Total Machinery Cost									\$ 11.39