

Cool Season Grass/Clover, No-Till Establishment
Estimated Expenses per Acre

Item	Description	Unit	Quantity	Price	Amount (\$/acre)	Your Farm
Variable Expenses						
Seed ¹	Fescue or Orchardgrass	lb	15.00	\$ 1.00	\$ 15.00	_____
	White Clover	lb	2.00	\$ 3.06	\$ 6.12	_____
	Red Clover	lb	4.00	\$ 2.86	\$ 11.44	_____
No-Till Drill, Rental		acre	1.00	\$ 8.00	\$ 8.00	_____
Fertilizer	N	lb	30.00	\$ 0.48	\$ 14.40	_____
	P2O5	lb	60.00	\$ 0.34	\$ 20.40	_____
	K2O	lb	60.00	\$ 0.23	\$ 13.80	_____
	Custom Application	acre	1.00	\$ 5.00	\$ 5.00	_____
Lime	Custom Application	ton	2.00	\$ 21.00	\$ 42.00	_____
Weed Control Burndown	Gramoxone Max	pt	1.50	\$ 4.91	\$ 7.37	_____
	Surfactant	pt	0.50	\$ 1.63	\$ 0.82	_____
	Custom Application	acre	1.00	\$ 5.00	\$ 5.00	_____
Machinery						
Fuel		acre	1.00	\$ 3.75	\$ 3.75	_____
Oil & Filter		acre	1.00	\$ 0.56	\$ 0.56	_____
Repairs & Maintenance		acre	1.00	\$ 1.29	\$ 1.29	_____
Interest on Operating Capital 6 Months		acre	\$ 149.34	8.0%	\$ 5.97	_____
Total Variable Expenses					\$ 160.92	_____
Fixed Expenses						
Machinery	Depreciation	acre	1.00	\$ 0.80	\$ 0.80	_____
	Interest	acre	1.00	\$ 0.94	\$ 0.94	_____
	Housing & Insurance	acre	1.00	\$ 0.08	\$ 0.08	_____
Total Fixed Expenses					\$ 1.82	_____
Labor						
Labor ²		hour	0.73	\$ 8.50	\$ 6.19	_____
Total Establishment Expenses					\$ 168.92	_____
Prorated Share		year	6.00	8.0%	\$ 36.54	_____

Footnotes:

¹Seed variety selection should be based on harvest method (grazing, hay or haylage).

²Labor expense is \$8.50 per hour, including wages, Social Security and Medicaid taxes and payroll administration costs.

**Cool Season Grass/Clover, No-Till Establishment
Estimated Machinery and Labor Requirements per Acre**

Month	Operation	Power Unit	Implement	Hours per Acre	
				Machine	Labor
Sep	Burndown (Gramoxone Max)	Custom	Custom	---	---
Sep	Fertilize & Lime	Custom	Custom	---	---
Sep	Plant Fescue or Orchardgrass	Tractor, 70 hp	No-Till Drill, Rental	0.47	0.59
Sep	Plant Clover	Tractor, 70 hp	Broadcast Spreader	0.11	0.14
				Total	0.73

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, 70 hp	0.58	3.75	0.56	1.24	5.55	0.75	0.89	0.07	1.70
Broadcast Spreader	0.11	0.00	0.00	0.06	0.06	0.05	0.05	0.01	0.11
Total		\$ 3.75	\$ 0.56	\$ 1.29	\$ 5.60	\$ 0.80	\$ 0.94	\$ 0.08	\$ 1.82
Total Machinery Cost									\$ 7.42