

Cool Season Grass, Pasture
Estimated Expenses per Acre^{1,2}

Item	Description	Unit	Quantity	Price	Amount (\$/acre)
Expenses					
Prorated Establishment Costs	Orchardgrass	acre	0.10	\$ 270.88	\$ 27.09
Fertilizer ³	N	lb	120.00	\$ 0.60	\$ 71.84
	P2O5	lb	30.00	\$ 0.61	\$ 18.41
	K2O	lb	30.00	\$ 0.41	\$ 12.26
	Custom Application	acre	1.00	\$ 12.71	\$ 12.71
Lime & Application ^{4,5}	Custom Application	ton	0.33	\$ 43.63	\$ 14.40
Weed Control Post-Emerge ⁶	Herbicide Application	acre	1.00	\$ 12.30	\$ 12.30
	Custom Application	acre	1.00	\$ 11.81	\$ 11.81
Pest Control	Pest Control Application	acre		\$ 6.51	\$ -
	Custom Application	acre		\$ 11.81	\$ -
Total Variable Expenses					\$ 180.81
Custom Machinery Cost					
Bush Hogging		acre	1	\$ 19.50	\$ 19.50
Total Custom Machinery Cost					\$ 19.50
Interest on Operating Capital	6 months	acre	\$ 180.81	8.0%	\$ 7.23
Cash Rent		acre	1		\$ -
Total Budgeted Expenses					\$ 207.54

Cool Season Grass, Establishment
Estimated Expenses per Acre

Item	Description	Unit	Quantity	Price	Amount (\$/acre)
Expenses					
Burndown	Burndown	acre	1.00	\$ 15.66	\$ 15.66
Seed	Orchardgrass	lb	12.50	\$ 3.02	\$ 37.75
Fertilizer	N	lb	30.00	\$ 0.60	\$ 17.96
	P2O5	lb	60.00	\$ 0.61	\$ 36.81
	K2O	lb	60.00	\$ 0.41	\$ 24.53
	Custom Application	acre	1.00	\$ 12.71	\$ 12.71
Lime & Application	Custom Application	ton	2.00	\$ 43.63	\$ 87.26
Total Variable Expenses					\$ 232.68
Custom Machinery Cost					
Spraying		acre	1	\$ 11.81	\$ 11.81
No-till Drill		acre	1	\$ 17.08	\$ 17.08
Total Custom Machinery Cost					\$ 28.89
Interest on Operating Capital	6 months	acre	\$ 232.68	8.0%	\$ 9.31
Total Budgeted Expenses					\$ 270.88

Establishment Prorated Over Years⁷
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Cool Season Grass and Cool Season Grass and Clover Assumptions

1. The budget is based on custom rates for machinery processes. Labor, operating, maintenance, and ownership costs are included in these rates.
2. The budget is based on no-till establishment.
3. Sixty pounds of nitrogen will be applied in March, with the remainder applied in the fall. If clover is included, it is assumed that 60 pounds of nitrogen will come from the clover in the spring and the rest applied in the fall.
4. Lime prorated at one ton over three years.
5. For a more accurate fertilizer and lime recommendation, take a soil sample. ([Instructions on how to take a soil sample.](#))
6. The post-emergence weed control is based on an average of three common practices. Burndown is a common practice. For weed control and/or burndown recommendations, contact the county Extension office. ([County office contact information.](#))
7. Establishment pro-rated expenses for hay are set for 10 years.