

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

| Item | Description | Unit | Quantity | Price | Amount (\$/acre) |
|------------------------------------|--------------------------|------|-----------|-----------|------------------|
| Expenses | | | | | |
| Prorated Establishment Costs | Fescue | acre | 0.10 | \$ 255.83 | \$ 25.58 |
| 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 | | | | | \$ 179.30 |
| Custom Machinery Cost | | | | | |
| Bush Hogging | | acre | 1 | \$ 19.50 | \$ 19.50 |
| Total Custom Machinery Cost | | | | | \$ 19.50 |
| Interest on Operating Capital | 6 months | acre | \$ 179.30 | 8.0% | \$ 7.17 |
| Cash Rent | | acre | 1 | | \$ - |
| Total Budgeted Expenses | | | | | \$ 205.98 |

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 | Fescue | lb | 17.50 | \$ 1.33 | \$ 23.28 |
| 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 | | | | | \$ 218.21 |
| 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 | \$ 218.21 | 8.0% | \$ 8.73 |
| Total Budgeted Expenses | | | | | \$ 255.83 |

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| Establishment Prorated Over Years⁷ |
| 10 |

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.