

Bermudagrass Est. Sprigs 2010

Estimated Nov 2009

Yield, tons air-dry: 0.00

| Income per acre | Yield | Price | Business unit total |
|------------------------------|-------|-------|---------------------|
| Hay | 0 | 0.00 | 0.00 |
| Other income | | | 0.00 |
| Total income per acre | | | \$0.00 |

| | | | |
|--------------------------------------|--|-------|-----------------|
| Operating costs per acre | | | |
| Seed, Sprigs, 25 bushel per acre | | | 100.00 |
| Fertilizer | | | 123.20 |
| Nitrogen | | 35.20 | |
| Phosphorus | | 0.00 | |
| Potassium | | 0.00 | |
| Other amendments | | 88.00 | |
| Crop protection | | | 21.79 |
| Herbicide, burndown + diruon + 2,4-D | | 21.79 | |
| Insecticide-fungicide | | 0.00 | |
| Crop supplies, storage | | | 2.00 |
| Crop consulting | | | 0.00 |
| Custom hire and rental | | | 21.00 |
| Machinery fuel and irrigation energy | | | 15.42 |
| Machinery repairs and maintenance | | | 10.32 |
| Operator and hired labor | | | 29.38 |
| Other expense | | | 0.00 |
| Operating interest | | | 11.31 |
| Operating costs per acre | | | \$334.42 |

| | | | |
|---------------------------------------|--|--|-----------------|
| Ownership costs per acre ¹ | | | |
| Farm business overhead | | | 3.88 |
| Machinery overhead | | | 14.94 |
| Machinery depreciation | | | 22.43 |
| Real estate charge | | | 67.60 |
| Ownership costs per acre | | | \$108.84 |

Total costs per acre \$443.27

| | | | |
|--------------------------------------|--|--|-----------|
| Income over operating costs per acre | | | -\$334.42 |
| Income over total costs per acre | | | -\$443.27 |

Detailed Report

Establishment year Bermudagrass Est. Sprigs 2010

| Selected input quantities | per acre | Selected input prices | \$ per unit |
|-------------------------------|----------|-------------------------|-------------|
| Forage yield, tons | 0.00 | Farm diesel, per gallon | 2.45 |
| Seeding rate, lbs | 20 | Operating interest, % | 7.00 |
| Nitrogen rate, lbs | 80 | Nitrogen, per lb | 0.44 |
| Phosphorus rate, lbs | 0 | Phosphorus, per lb | 0.00 |
| Potassium rate, lbs | 0 | Potassium, per lb | 0.00 |
| Lime rate, tons | 2 | Lime, per ton | 12.00 |
| Sum of allocated labor, hours | 2.17 | Skilled labor, per hour | 17.00 |
| Irrigation, inches | 0 | Land value, per acre | 1,690 |

| Machine activity (not custom) | Labor | Fuel | Operating | Ownership | Total | Trips per acre |
|--|-------------------|---------------------|-----------------------------------|-----------------------------------|----------------------|-------------------|
| | Hours per acre | Gallons per acre | Costs ² \$ per acre | Costs ³ \$ per acre | Costs \$ per acre | |
| Chisel plow (15 ft); 130 MFWD | 0.12 | 0.67 | 4.23 | 5.56 | 9.79 | 1 |
| Tandem disk (21 ft); 130 MFWD | 0.16 | 0.94 | 6.68 | 7.21 | 13.88 | 2 |
| Roller harrow (12 ft); 75 HP | 0.27 | 0.89 | 6.80 | 4.76 | 11.56 | 2 |
| Rent, Sprigger (6 ft); 75 HP | 0.31 | 1.03 | 29.58 | 2.67 | 32.25 | 1 |
| Rotary mower (15 ft); 130 MFWD | 0.13 | 0.74 | 4.42 | 6.05 | 10.48 | 1 |
| Boom sprayer (30 ft); 75 HP | 0.20 | 0.64 | 6.58 | 3.65 | 10.23 | 3 |
| Fertilizer spreader 4 T (40 ft); 75 HP | 0.08 | 0.28 | 2.77 | 2.79 | 5.56 | 2 |
| Field roller (12 ft); 75 HP | 0.14 | 0.47 | 3.98 | 2.01 | 6.00 | 1 |
| Pickup truck | | 0.58 | 2.23 | 2.68 | 4.91 | |
| Total | 1.42 | 6.25 | 67.27 | 37.37 | 104.64 | 13 |

¹ Farm business overhead includes liability insurance, utilities, accounting, etc. Machinery overhead is the sum of opportunity interest, property taxes, insurance, and housing. Machinery depreciation is a market value decline due to aging and usage. Thus, a portion of depreciation should be considered an operating costs for some decisions. Real estate charge includes land, improvements, taxes.

Economic costs may differ from rental rates.

² Machinery operating cost is the sum of fuel, repairs, maintenance, and the value of labor.

³ Machinery ownership cost is the sum of machinery overhead and depreciation (see page 1).