

Projections for Planning Purposes Only -- Not to be Used without Updating
2019 Estimated Costs and Returns per Acre
Hay Establishment, Furrow Irrigated, Rio Grande Valley
South Extension District - 12

| Crop Acres | 100 | | | | | Enterprise |
|---|----------|-----------|----------|------------|---------------|------------|
| REVENUE | Quantity | Units | \$/Unit | Total | Total | |
| Total Revenue | | | | \$0.00 | \$0.00 | |
| VARIABLE COSTS | Quantity | Units | \$/Unit | Total | Enterprise | |
| Production Costs | | | | | | |
| Custom | | | | | | |
| Land Prep and Disking | 1 | Acre | \$50.00 | \$50.00 | \$5,000.00 | |
| Mechanical Weed Control | 1 | Acre | \$60.00 | \$60.00 | \$6,000.00 | |
| Fertilizer | | | | | | |
| Ammonium Sulfate (21% N) | 4 | CWT | \$20.90 | \$83.60 | \$8,360.00 | |
| Herbicide | | | | | | |
| Pendimethalin | 3 | Pint | \$6.11 | \$18.34 | \$1,833.64 | |
| Other Labor | | | | | | |
| Unallocated Labor | 0.5 | Hour | \$12.00 | \$6.00 | \$600.00 | |
| Seed | | | | | | |
| Costal Bermuda Sprigs | 1 | Acre | \$135.00 | \$135.00 | \$13,500.00 | |
| Irrigation | | | | | | |
| Water Cost | 2.00 | Acre/Foot | \$20.00 | \$40.00 | \$4,000.00 | |
| Irrigation Labor | 1.20 | Hour | \$12.00 | \$14.40 | \$1,440.00 | |
| Machinery Labor | | | | | | |
| Tractors/Self-Propelled | 0.37 | Hour | \$12.00 | \$4.44 | \$444.00 | |
| Other Labor | 0.18 | Hour | \$12.00 | \$2.16 | \$216.00 | |
| Diesel Fuel | | | | | | |
| Tractors/Self-Propelled | 1.73 | Gallon | \$2.30 | \$3.98 | \$397.90 | |
| Repairs & Maintenance | | | | | | |
| Tractors/Self-Propelled | 1 | Acre | \$3.51 | \$3.51 | \$350.67 | |
| Implements | 1 | Acre | \$1.60 | \$1.60 | \$159.60 | |
| Interest on Credit Line | | | 5.00% | \$17.11 | \$1,711.27 | |
| Total Variable Costs | | | | \$440.13 | \$44,013.08 | |
| Planned Returns Above Variable Costs: | | | | (\$440.13) | (\$44,013.08) | |
| Breakeven Price to Cover Variable Costs | | | n/a | | | |
| FIXED COSTS | Quantity | Units | \$/Unit | Total | Enterprise | |
| Machinery Depreciation | | | | | | |
| Tractors/Self-Propelled | 1 | Acre | \$3.62 | \$3.62 | \$362.36 | |
| Implements | 1 | Acre | \$3.01 | \$3.01 | \$300.72 | |
| Equipment Investment | | | | | | |
| Tractors/Self-Propelled | \$28.23 | Dollars | 7.00% | \$1.98 | \$197.60 | |
| Implements | \$12.07 | Dollars | 7.00% | \$0.84 | \$84.50 | |
| Cash Rent, Irrigated | 1 | Acre | \$85.00 | \$85.00 | \$8,500.00 | |
| Total Fixed Costs | | | | \$94.45 | \$9,445.18 | |
| Total Specified Costs | | | | \$534.58 | \$53,458.25 | |
| Returns Above Specified Costs | | | | (\$534.58) | (\$53,458.25) | |
| Breakeven Price to Cover Total Costs | | | n/a | | | |

| Example Breakeven Prices | | | |
|--------------------------|---------------|-------------------------|----------------------|
| Example Yield Percent | Example Yield | To Cover Variable Costs | To Cover Total Costs |
| 75% | 0.00 | \$0.00 | \$0.00 |
| 90% | 0.00 | \$0.00 | \$0.00 |
| 100% | 0.00 | \$0.00 | \$0.00 |
| 110% | 0.00 | \$0.00 | \$0.00 |
| 125% | 0.00 | \$0.00 | \$0.00 |

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Information presented is prepared solely as a general guide and not intended to recognize or predict the costs and returns from any one operation. Brand names are mentioned only as examples and imply no endorsement.