

Projections for Planning Purposes Only -- *Not to be Used without Updating*
2019 Estimated Costs and Returns per Acre
RR Corn Silage - Dryland
Central Texas Extension District - 8

| Crop Acres | | 500 | | | | Enterprise |
|---|----------|----------|----------------|-----------------|---------------------|---------------------|
| REVENUE | Quantity | Units | \$/Unit | Total | Total | Total |
| Corn Silage | 12.00 | Ton | \$38.35 | \$460.20 | \$230,100.00 | \$230,100.00 |
| Total Revenue | | | | \$460.20 | \$230,100.00 | \$230,100.00 |
| VARIABLE COSTS | Quantity | Units | \$/Unit | Total | Total | Enterprise |
| Production Costs | | | | | | |
| Herbicide | | | | | | |
| Post Plant Herbicide | 1 | Acre | \$15.00 | \$15.00 | \$7,500.00 | \$7,500.00 |
| Seed | | | | | | |
| HR Corn Silage Seed | 24 | Thousand | \$3.50 | \$84.00 | \$42,000.00 | \$42,000.00 |
| Fertilizer | | | | | | |
| 18-46-0 | 150 | Pound | \$0.26 | \$39.00 | \$19,500.00 | \$19,500.00 |
| 0-0-60 | 100 | Pound | \$0.20 | \$20.00 | \$10,000.00 | \$10,000.00 |
| 46-0-0 | 220 | Pound | \$0.20 | \$44.00 | \$22,000.00 | \$22,000.00 |
| Custom | | | | | | |
| Custom Fertilize | 1 | Acre | \$5.00 | \$5.00 | \$2,500.00 | \$2,500.00 |
| Custom Harvest and Haul Silage | 12 | Ton | \$8.00 | \$96.00 | \$48,000.00 | \$48,000.00 |
| Machinery Labor | | | | | | |
| Tractors/Self-Propelled | 0.25 | Hour | \$10.00 | \$2.50 | \$1,250.00 | \$1,250.00 |
| Diesel Fuel | | | | | | |
| Tractors/Self-Propelled | 1.91 | Gallon | \$2.40 | \$4.58 | \$2,292.00 | \$2,292.00 |
| Repairs & Maintenance | | | | | | |
| Tractors/Self-Propelled | 1 | Acre | \$4.36 | \$4.36 | \$2,181.35 | \$2,181.35 |
| Implements | 1 | Acre | \$7.61 | \$7.61 | \$3,803.76 | \$3,803.76 |
| Interest on Credit Line | | | 4.75% | \$3.57 | \$1,783.20 | \$1,783.20 |
| Total Variable Costs | | | | \$325.62 | \$162,810.31 | \$162,810.31 |
| Planned Returns Above Variable Costs: | | | | \$134.58 | \$67,289.69 | \$67,289.69 |
| Breakeven Price to Cover Variable Costs | | | \$27.14 | Ton | | |
| FIXED COSTS | Quantity | Units | \$/Unit | Total | Total | Enterprise |
| Machinery Depreciation | | | | | | |
| Tractors/Self-Propelled | 1 | Acre | \$4.51 | \$4.51 | \$2,254.06 | \$2,254.06 |
| Implements | 1 | Acre | \$9.89 | \$9.89 | \$4,944.82 | \$4,944.82 |
| Equipment Investment | | | | | | |
| Tractors/Self-Propelled | \$35.12 | Dollars | 6.00% | \$2.11 | \$1,053.59 | \$1,053.59 |
| Implements | \$42.31 | Dollars | 6.00% | \$2.54 | \$1,269.17 | \$1,269.17 |
| Dryland Crop Rent | 1 | Acre | \$30.00 | \$30.00 | \$15,000.00 | \$15,000.00 |
| Total Fixed Costs | | | | \$49.04 | \$24,521.64 | \$24,521.64 |
| Total Specified Costs | | | | \$374.66 | \$187,331.95 | \$187,331.95 |
| Returns Above Specified Costs | | | | \$85.54 | \$42,768.05 | \$42,768.05 |
| Breakeven Price to Cover Total Costs | | | \$31.22 | Ton | | |

| Example Breakeven Prices | | | |
|--------------------------|-------------------|-------------------------|----------------------|
| Example Yield Percent | Example Yield Ton | To Cover Variable Costs | To Cover Total Costs |
| 75% | 9.00 | \$36.18 | \$41.63 |
| 90% | 10.80 | \$30.15 | \$34.69 |
| 100% | 12.00 | \$27.14 | \$31.22 |
| 110% | 13.20 | \$24.67 | \$28.38 |
| 125% | 15.00 | \$21.71 | \$24.98 |

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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.