

Projections for Planning Purposes Only -- Not to be Used without Updating
2016 Estimated Costs and Returns per Acre
Oilseed Sunflowers, Dryland, Strip Tillage - 160 Acres
Panhandle Extension District - 1

| Crop Acres | 160 | | | | | Enterprise |
|---|----------|---------|---------|-----------------|----------|------------------------|
| REVENUE | Quantity | Units | \$/Unit | Total | Total | Enterprise Total |
| Oilseed Sunflowers | 10.00 | CWT | \$16.50 | \$165.00 | \$165.00 | \$26,400.00 |
| Total Revenue | | | | \$165.00 | | \$26,400.00 |
| VARIABLE COSTS | Quantity | Units | \$/Unit | Total | Total | Enterprise Total |
| Production Costs | | | | | | |
| Herbicide | | | | | | |
| Glyphosphate | 3 | Acre | \$4.38 | \$13.13 | | \$2,101.03 |
| 2-4D | 1 | Acre | \$2.35 | \$2.35 | | \$376.63 |
| Prowel H2O | 1 | Acre | \$12.99 | \$12.99 | | \$2,077.69 |
| Seed | | | | | | |
| Seed - Sunflower | 1 | Acre | \$11.44 | \$11.44 | | \$1,830.37 |
| Fertilizer | | | | | | |
| Fertilizer (N) - Liquid | 40 | Pound | \$0.53 | \$21.20 | | \$3,392.00 |
| Custom | | | | | | |
| Herbicide Application | 3 | Acre | \$5.24 | \$15.72 | | \$2,515.32 |
| Pesticide Application | 1 | Acre | \$5.14 | \$5.14 | | \$822.00 |
| Custom Harvest - Sorghum Dryland | 1 | Acre | \$22.45 | \$22.45 | | \$3,592.14 |
| Custom Haul - Sunflowers | 10 | CWT | \$0.38 | \$3.80 | | \$608.28 |
| Miscellaneous | | | | | | |
| Crop Insurance Sunflowers - Dryland | 1 | Acre | \$10.00 | \$10.00 | | \$1,600.00 |
| Insecticide | | | | | | |
| Seed Insecticide - Sunflower | 1 | Acre | \$3.73 | \$3.73 | | \$596.17 |
| Ammo | 1 | Acre | \$3.32 | \$3.32 | | \$530.44 |
| Machinery Labor | | | | | | |
| Tractors/Self-Propelled | 0.47 | Hour | \$11.97 | \$5.62 | | \$899.95 |
| Diesel Fuel | | | | | | |
| Tractors/Self-Propelled | 1.6 | Gallon | \$1.97 | \$3.15 | | \$504.32 |
| Gasoline | | | | | | |
| Pickup/General Use Equipment | 1 | Acre | \$4.18 | \$4.18 | | \$669.50 |
| Repairs & Maintenance | | | | | | |
| Pickup/General Use Equipment | 1 | Acre | \$2.49 | \$2.49 | | \$397.80 |
| Tractors/Self-Propelled | 1 | Acre | \$2.82 | \$2.82 | | \$451.97 |
| Implements | 1 | Acre | \$8.79 | \$8.79 | | \$1,405.63 |
| Interest on Credit Line | | | 5.15% | \$2.66 | | \$425.40 |
| Total Variable Costs | | | | \$154.98 | | \$24,796.63 |
| Planned Returns Above Variable Costs: | | | | \$10.02 | | \$1,603.37 |
| Breakeven Price to Cover Variable Costs | | | \$15.50 | CWT | | |
| FIXED COSTS | Quantity | Units | \$/Unit | Total | Total | Enterprise Total |
| Machinery Depreciation | | | | | | |
| Pickup/General Use Equipment | 1 | Acre | \$2.61 | \$2.61 | | \$417.69 |
| Tractors/Self-Propelled | 1 | Acre | \$2.92 | \$2.92 | | \$467.04 |
| Implements | 1 | Acre | \$11.08 | \$11.08 | | \$1,773.53 |
| Equipment Investment | | | | | | |
| Pickup/General Use Equipment | \$18.03 | Dollars | 5.40% | \$0.97 | | \$155.74 |
| Tractors/Self-Propelled | \$22.74 | Dollars | 5.40% | \$1.23 | | \$196.47 |
| Implements | \$47.42 | Dollars | 5.40% | \$2.56 | | \$409.69 |
| Cash Rent - Sunflowers Dryland | 1 | Acre | \$27.50 | \$27.50 | | \$4,400.00 |
| Total Fixed Costs | | | | \$48.88 | | \$7,820.16 |
| Total Specified Costs | | | | \$203.85 | | \$32,616.79 |
| Returns Above Specified Costs | | | | | | (\$38.85) (\$6,216.79) |
| Breakeven Price to Cover Total Costs | | | \$20.39 | CWT | | |

Example Breakeven Prices

| Example | Example | Price Needed to Cover Your Variable Costs | Price Needed to Cover Your Total Costs |
|---------|---------|---|--|
| Yield | Yield | | |
| Percent | CWT | | |
| 75% | 7.50 | \$20.66 | \$27.18 |
| 90% | 9.00 | \$17.22 | \$22.65 |
| 100% | 10.00 | \$15.50 | \$20.39 |
| 110% | 11.00 | \$14.09 | \$18.53 |
| 125% | 12.50 | \$12.40 | \$16.31 |

Developed by Steve Amosson, Regents Fellow, Professor and Extension Economist, Texas A&M AgriLife Extension.

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.