

Projections for Planning Purposes Only -- Not to be Used without Updating
2014 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
Oilseed Sunflowers		10.00	CWT	\$19.90	\$199.00	\$31,840.00
Total Revenue					\$199.00	\$31,840.00
VARIABLE COSTS		Quantity	Units	\$/Unit	Total	Enterprise Total
Production Costs						
Seed						
	Seed - Sunflower	1	Acre	\$11.04	\$11.04	\$1,766.66
Fertilizer						
	Fertilizer (N) - Liquid	40	Pound	\$0.64	\$25.60	\$4,096.00
Herbicide						
	Glyphosphate	1	Acre	\$4.33	\$4.33	\$693.00
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	2-4D	1	Acre	\$2.38	\$2.38	\$380.24
	Glyphosphate	1	Acre	\$4.33	\$4.33	\$693.00
	Prowel H2O	1	Acre	\$13.08	\$13.08	\$2,092.17
Insecticide						
	Seed Insecticide - Sunflower	1	Acre	\$3.88	\$3.88	\$620.25
	Ammo	1	Acre	\$3.41	\$3.41	\$545.02
Miscellaneous						
	Crop Insurance Sunflowers - Dryla	1	Acre	\$11.62	\$11.62	\$1,858.56
Custom						
	Herbicide Application	1	Acre	\$5.02	\$5.02	\$803.20
	Herbicide Application	1	Acre	\$5.02	\$5.02	\$803.20
	Herbicide Application	1	Acre	\$5.02	\$5.02	\$803.20
	Pesticide Application	1	Acre	\$5.02	\$5.02	\$803.20
	Custom Harvest - Sorghum Drylan	1	Acre	\$21.25	\$21.25	\$3,400.00
	Custom Haul - Sunflowers	10	CWT	\$0.36	\$3.58	\$572.60
Machinery Labor						
	Tractors/Self-Propelled	0.39	Hour	\$11.75	\$4.58	\$733.20
Diesel Fuel						
	Tractors/Self-Propelled	1.56	Gallon	\$3.28	\$5.12	\$818.69
Gasoline						
	Pickup/General Use Equipment	1	Acre	\$6.60	\$6.60	\$1,056.25
Repairs & Maintenance						
	Pickup/General Use Equipment	1	Acre	\$2.49	\$2.49	\$397.80
	Tractors/Self-Propelled	1	Acre	\$5.20	\$5.20	\$832.42
	Implements	1	Acre	\$4.26	\$4.26	\$681.66
	Interest on Credit Line			4.75%	\$2.65	\$424.45
Total Variable Costs					\$159.80	\$25,567.77
Planned Returns Above Variable Costs:					\$39.20	\$6,272.23
Breakeven Price to Cover Variable Costs				\$15.98 CWT		
FIXED COSTS		Quantity	Units	\$/Unit	Total	Enterprise Total
Machinery Depreciation						
	Pickup/General Use Equipment	1	Acre	\$2.61	\$2.61	\$417.69
	Tractors/Self-Propelled	1	Acre	\$5.38	\$5.38	\$860.17
	Implements	1	Acre	\$5.48	\$5.48	\$876.42
Equipment Investment						
	Pickup/General Use Equipment	\$31.08	Dollars	5.25%	\$1.63	\$261.06
	Tractors/Self-Propelled	\$60.70	Dollars	5.25%	\$3.19	\$509.86
	Implements	\$42.60	Dollars	5.25%	\$2.24	\$357.87
	Cash Rent - Sunflowers Dryland	1	Acre	\$30.00	\$30.00	\$4,800.00
Total Fixed Costs					\$50.52	\$8,083.06
Total Specified Costs					\$210.32	\$33,650.83
Returns Above Specified Costs					(\$11.32)	(\$1,810.83)
Breakeven Price to Cover Total Costs				\$21.03 CWT		

Example Breakeven Prices						
Example Yield Percent	Example Yield CWT	Price Needed to Cover Example Variable Costs		Price Needed to Cover Example Total Costs		
		Own/Rent	ShareTenant	Own/Rent	ShareTenant	Landlord
75%	7.50	\$21.31	\$21.31	\$28.04	\$28.04	\$0.00
90%	9.00	\$17.76	\$17.76	\$23.37	\$23.37	\$0.00
100%	10.00	\$15.98	\$15.98	\$21.03	\$21.03	\$0.00
110%	11.00	\$14.53	\$14.53	\$19.12	\$19.12	\$0.00
125%	12.50	\$12.78	\$12.78	\$16.83	\$16.83	\$0.00

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.