Projections for Planning Purposes Only -- Not to be Used without Updating

2015 Estimated Costs and Returns per Acre

Dryland Sunflowers - Oilseed - 160 Acres

South Plains Extension District - 2

Crop Acres	160				
REVENUE	Quantity	Units	$/Unit	Total	Enterprise Total
Oilseed Sunflowers	1,000.00	Pound	$0.14	$140.00	$22,400.00
Total Revenue				$140.00	$22,400.00
VARIABLE COSTS	Quantity	Units	$/Unit	Total	Enterprise Total
Production Costs					
Seed					
Seed - Oil Sunflower Dryland	1	Acre	$12.50	$12.50	$2,000.00
Fertilizer					
Fertilizer (N) - Liquid	40	Pound	$0.58	$23.12	$3,699.20
Custom					
Custom Haul - Sunflowers	10	CWT	$0.30	$3.00	$480.00
Fertilizer Application - Liquid High	1	Acre	$4.75	$4.75	$760.00
Custom Harvest - Sunflowers Dryland	1	Acre	$15.00	$15.00	$2,400.00
Miscellaneous					
Crop Insurance Oil Sunflowers Dryland	1	Acre	$11.00	$11.00	$1,760.00
Herbicide					
Herbicide and Apply Oilseed Sunflowers	1	Acre	$34.75	$34.75	$5,560.00
Insecticide					
Insecticide and Apply Oil Sunflowers Dry	1	Acre	$11.63	$11.63	$1,860.80
Machinery Labor					
Tractors/Self-Propelled	1	Hour	$12.00	$12.00	$1,920.00
Diesel Fuel					
Tractors/Self-Propelled	2.4	Gallon	$3.00	$7.20	$1,152.00
Gasoline					
Pickup/General Use Equipment	2	Gallon	$2.25	$4.50	$720.00
Repairs & Maintenance					
Pickup/General Use Equipment	1	Acre	$0.50	$0.50	$80.00
Tractors/Self-Propelled	1	Acre	$6.00	$6.00	$960.00
Implements	1	Acre	$3.00	$3.00	$480.00
Interest on Credit Line			6.00%	$3.25	$519.79
Total Variable Costs				$152.20	$24,351.79
Planned Returns Above Variable Costs:				($12.20)	($1,951.79)
Breakeven Price to Cover Variable Costs			$0.15	Pound	
FIXED COSTS	Quantity	Units	$/Unit	Total	Enterprise Total
Equipment Investment					
Pickup/General Use Equipment	$17.84	Dollars	7.00%	$1.25	$199.85
Tractors/Self-Propelled	$171.40	Dollars	7.00%	$12.00	$1,919.68
Implements	$142.90	Dollars	7.00%	$10.00	$1,600.48
Whole Farm Insurance	1	Acre	$2.00	$2.00	$320.00
Cash Rent - Sunflowers Dryland	1	Acre	$30.00	$30.00	$4,800.00
Total Fixed Costs				$55.25	$8,840.01
Total Specified Costs				$207.45	$33,191.80
Returns Above Specifiied Costs				($67.45)	($10,791.80)
Breakeven Price to Cover Total Costs			$0.21	Pound	

Example Breakeven Prices

Examp Yield Percer	Example Yield Pound	Price Needed to Cover Example Variable Costs		Price Needed to Cover Example Total Costs		
		Own/Rent	ShareTenant	Own/Rent	ShareTenant	Landlord
75%	750.00	$0.20	$0.20	$0.28	$0.28	$0.00
90%	900.00	$0.17	$0.17	$0.23	$0.23	$0.00
###	1000.00	$0.15	$0.15	$0.21	$0.21	$0.00
###	1100.00	$0.14	$0.14	$0.19	$0.19	$0.00
###	1250.00	$0.12	$0.12	$0.17	$0.17	$0.00

Developed by Jackie Smith, 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.