Projections for Planning Purposes Only -- Not to be Used without Updating 2024 Estimated Costs and Returns per Acre Irrigated Sunflowers - Oilseed South Plains Extension District - 2

REVENUE Quantity Units SUnit Total Total Oilseed Sunflowers 2,000.00 Pound \$0.20 \$400.00 \$448,800.00 AntABLE COSTS Quantity Units \$/Unit Total Total Production Costs Herbicide 1 Acre \$34.75 \$34.75 \$44.239.50 Seed Seed - Oilseed Sunflower 1 Acre \$21.00 \$22.562.00 Fertilizer (N) - Liquid 70 Pound \$0.61 \$42.77 \$5,217.94 Fertilizer (N) - Liquid 70 Pound \$0.88 \$21.22 \$2,582.00 Custom Haul - Sunflowers 20 CWT \$0.30 \$6.00 \$732.00 Custom Haul - Sunflowers 1 Acre \$13.00 \$1,586.00 Insecticide and Apply Oil Sunflowers 1 Acre \$12.62 \$12.62 \$1,508.00 Irrigation Energy Cost 8.00 Acrelinch \$10.00 \$89.00 \$5,760.00 Irrigation Labor 0.75	Crop Acres	122				
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Production Costs Herbicide Image: Cost of the state of t		a		A // · · ·		
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Crop Insurance Oilseed Sunflowers 1 Acre \$13.00 \$13.00 \$15,86.00 Insecticide Insecticide and Apply Oil Sunflowers 1 Acre \$12.62 \$12.62 \$15,39.64 Irrigation Energy Cost 8.00 Acrelinch \$10.00 \$80.00 \$39,760.00 Irrigation Labor 0.75 Hour \$12.00 \$8.16 \$3995.52 Other Labor 0.82 Hour \$12.00 \$8.16 \$3995.52 Other Labor 0.82 Hour \$12.00 \$8.16 \$399.34 Dissel Fuel Tractors/Self-Propelled 3.8 Gallon \$3.00 \$11.40 \$1,390.34 Gasoline Pickup/General Use Equipment 1 Acre \$5.50 \$61.475 Repairs Mantenance Pickup/General Use Equipment 1 Acre \$3.00 \$33.00 \$32.00 Interest on Credit Line 9.00% \$12.59 \$15.53.59.65 \$61.00 Tractors/Self-Propelled 1 Acre \$3.00 \$331.04 \$40,387.48	Custom Harvest - Sunflowers Irrigate	1	Acre	\$20.00	\$20.00	\$2,440.00
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Machinery Labor Tractors/Self-Propelled 0.68 Hour \$12.00 \$8.16 \$995.52 Other Labor 0.82 Hour \$12.00 \$8.84 \$1,200.48 Diesel Fuel Tractors/Self-Propelled 3.8 Gallon \$3.00 \$11.40 \$1,390.34 Gasoline Pickup/General Use Equipment 1 Acre \$5.20 \$634.75 Repairs & Maintenance Pickup/General Use Equipment 1 Acre \$0.50 \$0.50 \$61.00 Irrigation Equipment 1 Acre \$0.00 \$14.00 \$1,708.00 \$17.78.00 Tractors/Self-Propelled 1 Acre \$6.00 \$60.00 \$732.00 Interest on Credit Line 9.00% \$12.59 \$1535.96 \$331.04 \$40,387.48 Planned Returns Above Variable Costs: Breakeven Price to Cover Variable Costs: \$0.07 Pound \$68.96 \$8,412.52 Irrigation Equipment 1 Acre \$1.25 \$1.55 \$152.50 \$17.00 \$10.00 \$10.00 \$10.00 \$10.00						
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Other Labor 0.82 Hour \$12.00 \$9.84 \$1,200.48 Diesel Fuel Tractors/Self-Propelled 3.8 Gallon \$3.00 \$11.40 \$1,390.34 Gasoline Pickup/General Use Equipment 1 Acre \$5.20 \$5.20 \$634.75 Repairs & Maintenance Pickup/General Use Equipment 1 Acre \$0.50 \$61.00 Irrigation Equipment 1 Acre \$14.00 \$1,708.00 \$732.00 Implements 1 Acre \$10.00 \$14.00 \$1,708.00 Interest on Credit Line 9.00% \$12.59 \$1,535.96 \$30.04 \$340,387.48 Planned Returns Above Variable Costs: \$68.96 \$8,412.52 \$8412.52 Breakeven Price to Cover Variable Costs: \$0.17 Pound Enterprise FiXED COSTS Quantity Units \$/Unit Total Total Equipment Fixed Costs \$1 Acre \$1.25 \$152.50 \$6710.00 Irrigation Equipment 1 Acre \$10.00 </td <td></td> <td>0.00</td> <td></td> <td>\$40.00</td> <td>*0 40</td> <td>#005 F0</td>		0.00		\$40.00	*0 40	#005 F0
Diesel Fuel Tractors/Self-Propelled3.8Gallon\$3.00\$11.40\$1,390.34Gasoline Pickup/General Use Equipment1Acre\$5.20\$634.75Repairs & Maintenance Pickup/General Use Equipment1Acre\$0.50\$0.50\$661.00Irrigation Equipment1Acre\$0.50\$0.50\$661.00Irrigation Equipment1Acre\$6.00\$14.00\$1,708.00Tractors/Self-Propelled1Acre\$6.00\$732.00Implements1Acre\$3.00\$3.60\$366.00Interest on Credit Line Planed Returns Above Variable Costs9.00%\$12.59\$1,535.96Planed Returns Above Variable Costs\$0.17PoundEnterpriseFIXED COSTSQuantityUnits\$/UnitTotalTotalEquipment Fixed Costs Pickup/General Use Equipment1Acre\$1.25\$1.25\$152.50FIXED COSTSQuantityUnits\$/UnitTotalEnterpriseFixeD Costs\$0.17PoundEnterpriseFixeD costs\$0.17\$1.464.00\$144.00\$1,464.00Implements1Acre\$1.25\$1.25\$152.50Gash Ret - Sunflowers Irrigated1Acre\$10.00\$1,220.00Management Fee, Owner/Operator Labor1Acre\$2.00\$244.00Cash Rent - Sunflowers Irrigated1Acre\$2.00\$244.00Total Fixed Costs\$25.52\$25,00.05\$25.00\$20.00 </td <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>						
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Repairs & MaintenancePickup/General Use Equipment1Acre\$0.50\$0.50\$61.00Irrigation Equipment1Acre\$14.00\$11,708.00Tractors/Self-Propelled1Acre\$6.00\$6.00\$732.00Interest on Credit Line1Acre\$3.00\$3.00\$366.00Interest on Credit Line9.00%\$12.59\$1,535.96Total Variable Costs\$0.17Pound\$40,387.48Planned Returns Above Variable Costs:\$0.17PoundEnterpriseFIXED COSTSQuantityUnits\$/UnitTotalTotalEquipment Fixed Costs\$0.17PoundEnterpriseFIXED COSTSQuantityUnits\$/UnitTotalTotalEquipment Fixed Costs\$1.25\$1.25\$152.50\$16,710.00Tractors/Self-Propelled1Acre\$10.00\$12.00\$1,464.00Implements1Acre\$10.00\$12,20.00\$1,464.00Implements1Acre\$10.00\$10.00\$1,220.00Management Fee, Owner/Operator Labor1Acre\$25.00\$25.00\$3,050.00Cash Rent - Sunflowers Irrigated1Acre\$200\$244.00Total Fixed Costs\$205.25\$25,004.50\$25.00\$25.00Total Specified Costs\$536.29\$66,427.98Returns Above Specified Costs\$136.29\$16,627.98		1	Acre	\$5.20	\$5.20	\$634.75
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Interest on Credit Line1.000\$12.59\$1,535.96Total Variable Costs\$331.04\$40,387.48Planned Returns Above Variable Costs: Breakeven Price to Cover Variable Costs\$0.17PoundFIXED COSTSQuantityUnits\$/UnitTotalEquipment Fixed Costs\$0.17PoundEnterprisePickup/General Use Equipment1Acre\$1.25\$1.55Irrigation Equipment1Acre\$12.50\$152.50Irrigation Equipment1Acre\$12.50\$152.50Implements1Acre\$12.50\$152.50Management Fee, Owner/Operator Labor1Acre\$10.00\$11.20Management Fee, Owner/Operator Labor1Acre\$10.00\$12.20.00Management Fee, Owner/Operator Labor1Acre\$20.00\$244.00Total Fixed Costs1Acre\$20.00\$244.00Whole Farm Insurance1Acre\$20.00\$244.00Total Fixed Costs\$536.29\$65,427.98Returns Above Specified Costs(\$136.29)(\$16,627.98)	e 11	1	Acre	\$6.00	\$6.00	\$732.00
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Planned Returns Above Variable Costs: Breakeven Price to Cover Variable Costs\$68.96\$8,412.52Breakeven Price to Cover Variable Costs\$0.17PoundEnterpriseFIXED COSTSQuantityUnits\$/UnitTotalTotalEquipment Fixed Costs1Acre\$1.25\$1.25\$152.50Pickup/General Use Equipment1Acre\$55.00\$6,710.00Tractors/Self-Propelled1Acre\$12.00\$1,464.00Implements1Acre\$10.00\$10.00\$1,220.00Management Fee, Owner/Operator Labor1Acre\$200\$25.00\$3,050.00Cash Rent - Sunflowers Irrigated1Acre\$100.00\$10.00\$12,200.00Whole Farm Insurance1Acre\$200\$244.00Total Fixed Costs\$205.25\$25,040.50\$536.29\$65,427.98Returns Above Specified Costs(\$136.29)(\$16,627.98)	Interest on Credit Line			9.00%	\$12.59	\$1,535.96
Breakeven Price to Cover Variable Costs\$0.17PoundFIXED COSTSQuantityUnits\$/UnitTotalEquipment Fixed CostsPickup/General Use Equipment1Acre\$1.25\$1.25\$152.50Irrigation Equipment1Acre\$55.00\$66,710.00Tractors/Self-Propelled1Acre\$10.00\$11,200\$1,464.00Implements1Acre\$10.00\$10.00\$1,220.00Management Fee, Owner/Operator Labor1Acre\$25.00\$25.00\$3,050.00Cash Rent - Sunflowers Irrigated1Acre\$100.00\$100.00\$12,200.00Whole Farm Insurance1Acre\$200\$244.00Total Fixed Costs\$205.25\$25,040.50\$536.29\$65,427.98Returns Above Specified Costs(\$136.29)(\$16,627.98)	Total Variable Costs			-	\$331.04	\$40,387.48
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Pickup/General Use Equipment 1 Acre \$1.25 \$1.25 \$152.50 Irrigation Equipment 1 Acre \$55.00 \$55.00 \$6,710.00 Tractors/Self-Propelled 1 Acre \$12.00 \$12.00 \$1,464.00 Implements 1 Acre \$10.00 \$12.00 \$1,464.00 Management Fee, Owner/Operator Labor 1 Acre \$25.00 \$25.00 \$3,050.00 Cash Rent - Sunflowers Irrigated 1 Acre \$100.00 \$12,200.00 \$12,200.00 Whole Farm Insurance 1 Acre \$200 \$244.00 Total Fixed Costs \$205.25 \$25,040.50 \$536.29 \$65,427.98 Returns Above Specified Costs (\$136.29) (\$16,627.98) \$16,627.98)		Quantity	Units	\$/Unit	Total	Total
Irrigation Equipment 1 Acre \$55.00 \$6,710.00 Tractors/Self-Propelled 1 Acre \$12.00 \$12.00 \$1,464.00 Implements 1 Acre \$10.00 \$12.00 \$1,464.00 Management Fee, Owner/Operator Labor 1 Acre \$25.00 \$25.00 \$3,050.00 Cash Rent - Sunflowers Irrigated 1 Acre \$100.00 \$12,200.00 \$244.00 Whole Farm Insurance 1 Acre \$20.00 \$244.00 Total Fixed Costs \$205.25 \$25,040.50 Returns Above Specified Costs (\$136.29) (\$16,627.98)						
Tractors/Self-Propelled 1 Acre \$12.00 \$1,464.00 Implements 1 Acre \$10.00 \$12.00 \$1,464.00 Implements 1 Acre \$10.00 \$10.00 \$1,220.00 Management Fee, Owner/Operator Labor 1 Acre \$25.00 \$25.00 \$3,050.00 Cash Rent - Sunflowers Irrigated 1 Acre \$100.00 \$10.00 \$12,200.00 Whole Farm Insurance 1 Acre \$200 \$244.00 Total Fixed Costs \$205.25 \$25,040.50 Total Specified Costs \$536.29 \$65,427.98 Returns Above Specified Costs (\$136.29) (\$16,627.98)						
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Total Specified Costs \$536.29 \$65,427.98 Returns Above Specified Costs (\$136.29) (\$16,627.98)			Acre	\$2.00		
Returns Above Specified Costs (\$136.29) (\$16,627.98)				=		
	Total Specified Costs			=	\$536.29	\$05,427.98
Breakeven Price to Cover Total Costs \$0.27 Pound	Returns Above Specified Costs				(\$136.29)	(\$16,627.98)
	Breakeven Price to Cover Total Costs			\$0.27	Pound	

		Examp	Example Breakeven Prices			
Example	Example	To Cover	To Cover			
Yield	Yield	Variable	Total			
Percent	Pound	Costs	Costs			
75%	1500.00	\$0.22	\$0.36			
90%	1800.00	\$0.18	\$0.30			
100%	2000.00	\$0.17	\$0.27			
110%	2200.00	\$0.15	\$0.24			
125%	2500.00	\$0.13	\$0.21			

Developed by Agricultural Economists, Texas A&M AgriLife Extension. 806-746-6101

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.