2024 Estimated Costs and Returns per Acre Herbicide Resistant Corn - Reduced Tillage Central Texas Extension District - 8

Crop Acres 500

REVENUE	Crop Acres	500				
Corn	DEVENITE	Ougntitu	Lloito	¢/Llni+	Total	Enterprise
Name						
VARIABLE COSTS Quantity Units \$/Unit Total Enterprise Production Costs Custom Liquid Fertilizer Rig Custom Grain Haul 90 Bushel \$0.25 \$22.50 \$11,250.00 Fertilizer - N, P, Zinc, S 1 Acre \$166.00 \$165.00 \$25,500.00 Herbicide Bertilizer - N, P, Zinc, S 1 Acre \$166.00 \$165.00 \$75,000.00 Corn Herbicide Corn Herbicide Corn Herbicide Corn Herbicide Bertilizer - N, P, Zinc, S 2 Pound Problem So.20 \$6.40 \$32,000.00 Meed Burndown Corn Herbicide Corn Herbicide Corn Town Gracticide Corn Insecticide Corn Insecticide Town So.20 \$6.40 \$32,000.00 Miscellaneous Insurance - Corn 70% Insurance - Corn SCO Town So.20 1 Acre St.00 \$18.00 \$9,000.00 Machinery Labor Tractors/Self-Propelled Town So.20 1 Acre St.00 \$140.00 \$140.00 \$70,000.00 Machinery Labor Tractors/Self-Propelled Tractors/Self-Propelled So.20 4.63 Gallon So.36 \$16.67 \$8,334.00 Gasoline Pickup/General Use Equipment Tractors/Self-Propelled Tractors/Self-Propelled So.20 1 Acre So.07 \$0.67		00.00	Daorioi	Ψ0.20		
VARIABLE COSTS	Total Neverlue				Ψ472.50	
Production Costs	VARIABLE COSTS	Quantity	Units	\$/Unit	Total	
Custom		Quartity	Omio	φιστιιε	10101	Total
Liquid Fertilizer Rig						
Custom Grain Haul 90 Bushel \$0.25 \$22.50 \$11,250.00 Fertilizer Fertilizer - N, P, Zinc, S		1	Acre	\$8.00	\$8.00	\$4,000.00
Fertilizer		90		•		
Herbicide	Fertilizer			•	·	• •
Herbicide	Fertilizer - N, P, Zinc, S	1	Acre	\$165.00	\$165.00	\$82,500.00
Corn Herbicide 32						
Weed Burndown 32	Herbicide, Atrazine	2	Pound	\$7.50	\$15.00	\$7,500.00
Insecticide	Corn Herbicide	32	Ounce	\$0.20	\$6.40	\$3,200.00
Corn Insecticide	Weed Burndown	32	Ounce	\$0.20	\$6.40	\$3,200.00
Miscellaneous	Insecticide					
Insurance - Corn 70%	Corn Insecticide	1	Acre	\$18.00	\$18.00	\$9,000.00
Insurance - Corn SCO	Miscellaneous					
Seed Herbicide Resistant Corn Seed 1 Acre \$140.00 \$140.00 \$70,000.00 Machinery Labor Tractors/Self-Propelled 0.5 Hour \$12.00 \$6.00 \$3,000.00 Diesel Fuel Tractors/Self-Propelled 4.63 Gallon \$3.60 \$16.67 \$8,334.00 Gasoline Pickup/General Use Equipment 1 Acre \$4.73 \$4.73 \$2,362.50 Repairs & Maintenance Pickup/General Use Equipment 1 Acre \$0.67 \$0.67 \$336.00 Tractors/Self-Propelled 1 Acre \$19.07 \$19.07 \$9,532.81 Implements 1 Acre \$7.54 \$7.54 \$3,770.80 Interest on Credit Line 8.00% \$16.64 \$8,321.33 Total Variable Costs \$5.28 Bushel Enterprise \$1.00	Insurance - Corn 70%	1	Acre	\$18.00		\$9,000.00
Herbicide Resistant Corn Seed 1 Acre \$140.00 \$140.00 \$70,000.00 Machinery Labor Tractors/Self-Propelled 0.5 Hour \$12.00 \$6.00 \$3,000.00 Diesel Fuel Tractors/Self-Propelled 4.63 Gallon \$3.60 \$16.67 \$8,334.00 Gasoline Pickup/General Use Equipment 1 Acre \$4.73 \$4.73 \$2,362.50 Repairs & Maintenance Pickup/General Use Equipment 1 Acre \$19.07 \$19.07 \$336.00 Tractors/Self-Propelled 1 Acre \$19.07 \$19.07 \$9,532.81 Implements 1 Acre \$19.07 \$19.07 \$9,532.81 Implements 1 Acre \$7.54 \$7.54 \$3,770.80 Interest on Credit Line \$8.00% \$16.64 \$8,321.33 \$104 Variable Costs \$5.28 Bushel Enterprise \$10.07	Insurance - Corn SCO	1	Acre	\$5.00	\$5.00	\$2,500.00
Machinery Labor Tractors/Self-Propelled 0.5 Hour \$12.00 \$6.00 \$3,000.00 Diesel Fuel Tractors/Self-Propelled 4.63 Gallon \$3.60 \$16.67 \$8,334.00 Gasoline Pickup/General Use Equipment Repairs & Maintenance Pickup/General Use Equipment Tractors/Self-Propelled 1 Acre \$4.73 \$4.73 \$2,362.50 Repairs & Maintenance Pickup/General Use Equipment Implements 1 Acre \$0.67 \$0.67 \$336.00 Tractors/Self-Propelled 1 Acre \$19.07 \$19.07 \$9,532.81 Implements 1 Acre \$19.07 \$19.07 \$9,532.81 Interest on Credit Line 8.00% \$16.64 \$8,321.33 Total Variable Costs \$5.28 Bushel \$475.61 \$237,807.44 Planned Returns Above Variable Costs: Breakeven Price to Cover Variable Costs \$5.28 Bushel Enterprise FIXED COSTS Quantity Units \$/Unit Total Total Machinery Depreciation Pickup/General Use Equipment Tractors/Self-Propelled 1 Acre \$0.70 \$0.70 <t< td=""><td>Seed</td><td></td><td></td><td></td><td></td><td></td></t<>	Seed					
Tractors/Self-Propelled 0.5 Hour \$12.00 \$6.00 \$3,000.00 Diesel Fuel Tractors/Self-Propelled 4.63 Gallon \$3.60 \$16.67 \$8,334.00 Gasoline		1	Acre	\$140.00	\$140.00	\$70,000.00
Diesel Fuel	•					
Tractors/Self-Propelled 4.63 Gallon \$3.60 \$16.67 \$8,334.00 Gasoline Pickup/General Use Equipment 1 Acre \$4.73 \$4.73 \$2,362.50 Repairs & Maintenance Pickup/General Use Equipment 1 Acre \$0.67 \$0.67 \$336.00 Tractors/Self-Propelled 1 Acre \$19.07 \$19.07 \$9,532.81 Implements 1 Acre \$7.54 \$7.54 \$3,770.80 \$16.64 \$8,321.33 \$104 Variable Costs \$16.64 \$8,321.33 \$104 Variable Costs \$16.64 \$8,321.33 \$104 Variable Costs \$10.07		0.5	Hour	\$12.00	\$6.00	\$3,000.00
Gasoline						
Pickup/General Use Equipment 1 Acre \$4.73 \$4.73 \$2,362.50	•	4.63	Gallon	\$3.60	\$16.67	\$8,334.00
Repairs & Maintenance			_			
Pickup/General Use Equipment 1 Acre \$0.67 \$0.67 \$336.00 Tractors/Self-Propelled 1 Acre \$19.07 \$19.07 \$9,532.81 Implements 1 Acre \$7.54 \$7.54 \$3,770.80 Interest on Credit Line 80.0% \$16.64 \$8,321.33 Total Variable Costs \$8.00% \$16.64 \$8,321.33 Total Variable Costs \$8.00% \$16.64 \$8,321.33 Total Variable Costs \$8.00% \$475.61 \$237,807.44 Planned Returns Above Variable Costs \$8.28 Bushel FIXED COSTS Quantity Units \$1.00 Total Machinery Depreciation Pickup/General Use Equipment 1 Acre \$0.70 \$0.70 \$348.60 Tractors/Self-Propelled 1 Acre \$18.20 \$18.20 \$9,100.02 Implements 1 Acre \$10.07 \$10.07 \$5,036.79 Equipment Investment Pickup/General Use Equipment \$4.91 Dollars 8.00% \$0.39 \$196.56 Tractors/Self-Propelled \$138.78 Dollars 8.00% \$5.23 \$2,616.54 Corn Land Rent 1 Acre \$50.00 \$50.00 \$25,000.00 Total Fixed Costs \$95.70 \$447,849.84 Total Specified Costs \$95.71.31 \$285,657.28 Returns Above Specified Costs \$95.71.31 \$285,657.28		1	Acre	\$4.73	\$4.73	\$2,362.50
Tractors/Self-Propelled	•	_		+ 0 0=	40.0-	****
Implements	· · · · · · · · · · · · · · · · · · ·			•	·	•
Interest on Credit Line	•			•	·	
State Stat	•	1	Acre	•	·	
Planned Returns Above Variable Costs S5.28 Bushel Enterprise				8.00%		
State				_		
FIXED COSTS Quantity Units \$\frac{1}{2}\text{Unit} Total Total				#F 00 F		(\$1,557.44)
PixED COSTS	Breakeven Price to Cover variable Costs			\$5.28 E	susnei	Cotovo vio o
Machinery Depreciation Pickup/General Use Equipment 1 Acre \$0.70 \$0.70 \$348.60 Tractors/Self-Propelled 1 Acre \$18.20 \$9,100.02 Implements 1 Acre \$10.07 \$10.07 \$5,036.79 Equipment Investment Pickup/General Use Equipment \$4.91 Dollars 8.00% \$0.39 \$196.56 Tractors/Self-Propelled \$138.78 Dollars 8.00% \$11.10 \$5,551.33 Implements \$65.41 Dollars 8.00% \$5.23 \$2,616.54 Corn Land Rent 1 Acre \$50.00 \$50.00 \$25,000.00 Total Fixed Costs \$95.70 \$47,849.84 Total Specified Costs \$571.31 \$285,657.28 Returns Above Specified Costs (\$98.81) (\$49,407.28)	EIVED COSTS	Quantity	Unite	¢/Llnit	Total	
Pickup/General Use Equipment 1 Acre \$0.70 \$348.60 Tractors/Self-Propelled 1 Acre \$18.20 \$9,100.02 Implements 1 Acre \$10.07 \$10.07 \$5,036.79 Equipment Investment Pickup/General Use Equipment \$4.91 Dollars 8.00% \$0.39 \$196.56 Tractors/Self-Propelled \$138.78 Dollars 8.00% \$11.10 \$5,551.33 Implements \$65.41 Dollars 8.00% \$5.23 \$2,616.54 Corn Land Rent 1 Acre \$50.00 \$50.00 \$25,000.00 Total Fixed Costs \$95.70 \$47,849.84 \$571.31 \$285,657.28 Returns Above Specified Costs (\$98.81) (\$49,407.28)		Quantity	Office	Ψ/ΟΠΙ	Total	Total
Tractors/Self-Propelled 1 Acre \$18.20 \$9,100.02 Implements 1 Acre \$10.07 \$10.07 \$5,036.79 Equipment Investment Pickup/General Use Equipment \$4.91 Dollars 8.00% \$0.39 \$196.56 Tractors/Self-Propelled \$138.78 Dollars 8.00% \$11.10 \$5,551.33 Implements \$65.41 Dollars 8.00% \$5.23 \$2,616.54 Corn Land Rent 1 Acre \$50.00 \$50.00 \$25,000.00 Total Fixed Costs Total Specified Costs ** \$95.70 \$47,849.84 Returns Above Specified Costs (\$98.81) (\$49,407.28)		1	Acre	\$0.70	\$0.70	\$348.60
Implements				•	·	•
Equipment Investment Pickup/General Use Equipment \$4.91 Dollars 8.00% \$0.39 \$196.56 Tractors/Self-Propelled \$138.78 Dollars 8.00% \$11.10 \$5,551.33 Implements \$65.41 Dollars 8.00% \$5.23 \$2,616.54 Corn Land Rent 1 Acre \$50.00 \$50.00 \$25,000.00 Total Fixed Costs \$95.70 \$47,849.84 \$571.31 \$285,657.28 Returns Above Specified Costs (\$98.81) (\$49,407.28)	· · · · · · · · · · · · · · · · · · ·			•	·	
Pickup/General Use Equipment Tractors/Self-Propelled \$4.91 Dollars \$138.78 8.00% \$0.39 \$196.56 Implements \$138.78 Dollars 8.00% \$11.10 \$5,551.33 Implements \$65.41 Dollars 8.00% \$5.23 \$2,616.54 Corn Land Rent 1 Acre \$50.00 \$50.00 \$25,000.00 Total Fixed Costs \$95.70 \$47,849.84 \$571.31 \$285,657.28 Returns Above Specified Costs (\$98.81) (\$49,407.28)	•				*	40,000
Tractors/Self-Propelled Implements \$138.78 b		\$4.91	Dollars	8.00%	\$0.39	\$196.56
Implements			Dollars			
Total Fixed Costs \$95.70 \$47,849.84 Total Specified Costs \$571.31 \$285,657.28 Returns Above Specified Costs (\$98.81) (\$49,407.28)	•	\$65.41	Dollars		\$5.23	
Total Specified Costs \$571.31 \$285,657.28 Returns Above Specified Costs (\$98.81) (\$49,407.28)	Corn Land Rent	1	Acre	\$50.00	\$50.00	\$25,000.00
Total Specified Costs \$571.31 \$285,657.28 Returns Above Specified Costs (\$98.81) (\$49,407.28)	Total Fixed Costs			_	\$95.70	\$47,849.84
Returns Above Specified Costs (\$98.81) (\$49,407.28)	Total Specified Costs			_		
	F			=	,	,
Breakeven Price to Cover Total Costs \$6.35 Bushel	Returns Above Specified Costs				(\$98.81)	(\$49,407.28)
	Breakeven Price to Cover Total Costs			\$6.35 E	Bushel	

Developed by Jason Johnson, Associate Professor and Extension Economist, Texas A&M AgriLife Extension, 254-968-4144.

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.