

2017 CENTER PIVOT IRRIGATION INVESTMENT AND OWNERSHIP COST

160 ACRE ELECTRIC DRIVE, LOW PRESSURE, CENTER PIVOT WITH
CORNER SYSTEM. 154 ACRES ACTUALLY IRRIGATED

OWNERSHIP COST:	LIFE	INTEREST RATE	COST FACTOR	INVESTMENT	ANNUAL COST	% CONTRIBUTION By Tenant	CONTRIBUTIONS TO THE IRRIGATION COSTS			
							TENANT		LANDOWNER	
ITEMS:							Investment	Annual Ownership	Investment	Annual Ownership
PIVOT MACHINE, ELECTRIC GENERATOR & CONCRETE PAD	25	5	0.0650	\$145,000	\$9,425.00	67.0%	\$97,150.00	\$6,314.75	\$47,850.00	\$3,110.25
POWER UNIT	15	5	0.0917	\$25,000	\$2,291.67	100.0%	\$25,000.00	\$2,291.67	\$0.00	\$0.00
12" WELL 100' DEEP	25	5	0.0650	\$7,800	\$507.00	0.0%	\$0.00	\$0.00	\$7,800.00	\$507.00
12" 2 STAGE TURBINE PUMP	25	5	0.0650	\$9,500	\$617.50	0.0%	\$0.00	\$0.00	\$9,500.00	\$617.50
FUEL TANK	25	5	0.0650	\$1,100	\$71.50	67.0%	\$737.00	\$47.91	\$363.00	\$23.60
TOTAL INVESTMENT				\$188,400	\$12,912.67		\$122,887.00	\$8,654.32	\$65,513.00	\$4,258.35
TAXES & INSURANCE (TOTAL INVESTMENT @ 1%)					\$1,884.00	67.0%		\$1,262.28		\$621.72
LOSS OF INCOME DUE TO ACREAGE OUT OF PRODUCTION					\$100.00	67.0%		\$67.00		\$33.00
ANNUAL OWNERSHIP COST					\$14,896.67			\$9,983.60		\$4,913.07
OPERATING COST:		UNITS OR ACRES	COST PER UNIT	TOTAL COST	PER ACRE IRR.					
FUEL AND OIL (ACRE INCHES)		12.00	\$2.00	\$3,696.00	\$24.00	67.0%		\$16.08		\$7.92
REPAIR & MAINTENANCE		154	\$10.00	\$1,540.00	\$10.00	67.0%		\$6.70		\$3.30
LABOR		154	\$4.00	\$616.00	\$4.00	100.0%		\$4.00		\$0.00
SEED (ADDITIONAL)		154	\$22.00	\$3,388.00	\$22.00	100.0%		\$22.00		\$0.00
FERTILIZER (ADDITIONAL)		154	\$30.00	\$4,620.00	\$30.00	67.0%		\$20.10		\$9.90
DRYING (ADDITIONAL)		154	\$14.00	\$2,156.00	\$14.00	67.0%		\$9.38		\$4.62
TOTAL OPERATING COST				\$16,016.00	\$104.00			\$78.26		\$25.74
SUMMARY										
					COST/ACRE			COST/ACRE		COST/ACRE
INVESTMENT PER ACRE IRRIGATED					\$1,223.38			\$797.97		\$425.41
OWNERSHIP COST PER ACRE IRRIGATED					\$96.73			\$64.83		\$31.90
OPERATING COST PER ACRE IRRIGATED					\$104.00			\$78.26		\$25.74
TOTAL COST PER ACRE IRRIGATED					\$200.73	CALCULATED SHARE RATE----->		\$143.09 71.3%		\$57.64 28.7%