

2019 CENTER PIVOT IRRIGATION INVESTMENT AND OWNERSHIP COST

160 ACRE NON TOWABLE ELECTRIC DRIVE, LOW PRESSURE, CENTER PIVOT
134 ACRES ACTUALLY IRRIGATED

OWNERSHIP COST: ITEMS:	LIFE	INTEREST RATE	COST FACTOR	INVESTMENT	ANNUAL COST	% CONTRIBUTION By Tenant	CONTRIBUTIONS TO THE IRRIGATION COSTS			
							TENANT		LANDOWNER	
							Investment	Annual Ownership	Investment	Annual Ownership
PIVOT MACHINE, ELECTRIC GENERATOR & CONCRETE PAD	25	5	0.0650	\$76,500	\$4,972.50	67.0%	\$51,255.00	\$3,331.58	\$25,245.00	\$1,640.93
POWER UNIT + Elect. Gen.	10	5	0.1250	\$23,000	\$2,875.00	100.0%	\$23,000.00	\$2,875.00	\$0.00	\$0.00
16" WELL 100' DEEP	25	5	0.0650	\$7,400	\$481.00	0.0%	\$0.00	\$0.00	\$7,400.00	\$481.00
12" 2 STAGE TURBINE PUMP	15	5	0.0917	\$8,300	\$760.83	0.0%	\$0.00	\$0.00	\$8,300.00	\$760.83
FUEL TANK	25	5	0.0650	\$1,100	\$71.50	67.0%	\$737.00	\$47.91	\$363.00	\$23.60
TOTAL INVESTMENT				\$116,300	\$9,160.83		\$74,992.00	\$6,254.48	\$41,308.00	\$2,906.35
TAXES & INSURANCE (TOTAL INVESTMENT @ 1%)					\$1,163.00	67.0%		\$779.21		\$383.79
LOSS OF INCOME DUE TO ACREAGE OUT OF PRODUCTION					\$100.00	67.0%		\$67.00		\$33.00
ANNUAL OWNERSHIP COST CORN					\$10,423.83			\$7,100.69		\$3,323.14
OPERATING COST:		UNITS OR ACRES	COST PER UNIT	TOTAL COST	PER ACRE IRR.					
FUEL AND OIL (ACRE INCHES)		12.00	\$2.65	\$4,261.20	\$31.80	67.0%		\$21.31		\$10.49
REPAIR & MAINTENANCE		134	\$12.00	\$1,608.00	\$12.00	67.0%		\$8.04		\$3.96
LABOR		134	\$5.00	\$670.00	\$5.00	100.0%		\$5.00		\$0.00
SEED (ADDITIONAL)		134	\$22.00	\$2,948.00	\$22.00	100.0%		\$22.00		\$0.00
FERTILIZER (ADDITIONAL)		134	\$38.00	\$5,092.00	\$38.00	67.0%		\$25.46		\$12.54
DRYING & HAULING (ADDITIONAL)		134	\$18.00	\$2,412.00	\$18.00	67.0%		\$12.06		\$5.94
TOTAL OPERATING COST				\$16,991.20	\$126.80			\$93.87		\$32.93
SUMMARY										
					COST/ACRE			COST/ACRE		COST/ACRE
INVESTMENT PER ACRE IRRIGATED					\$867.91			\$559.64		\$308.27
OWNERSHIP COST PER ACRE IRRIGATED					\$77.79			\$52.99		\$24.80
OPERATING COST PER ACRE IRRIGATED					\$126.80			\$93.87		\$32.93
TOTAL COST PER ACRE IRRIGATED					\$204.59	CALCUALTED SHARE RATE----->		\$146.86 71.8%		\$57.73 28.2%