

2019 CENTER PIVOT IRRIGATION INVESTMENT AND OWNERSHIP COST

160 ACRE ELECTRIC DRIVE, LOW PRESSURE, CENTER PIVOT WITH CORNER SYSTEM. 154 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	\$141,500	\$9,197.50	67.0%	\$94,805.00	\$6,162.33	\$46,695.00	\$3,035.18
POWER UNIT	10	5	0.1250	\$28,000	\$3,500.00	100.0%	\$28,000.00	\$3,500.00	\$0.00	\$0.00
12" 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	\$8,800	\$806.67	0.0%	\$0.00	\$0.00	\$8,800.00	\$806.67
FUEL TANK	25	5	0.0650	\$1,100	\$71.50	67.0%	\$737.00	\$47.91	\$363.00	\$23.60
TOTAL INVESTMENT				\$186,800	\$14,056.67		\$123,542.00	\$9,710.23	\$63,258.00	\$4,346.44
TAXES & INSURANCE (TOTAL INVESTMENT @ 1%)					\$1,868.00	67.0%		\$1,251.56		\$616.44
LOSS OF INCOME DUE TO ACREAGE OUT OF PRODUCTION					\$100.00	67.0%		\$67.00		\$33.00
ANNUAL OWNERSHIP COST					\$16,024.67			\$11,028.79		\$4,995.88
OPERATING COST:		UNITS OR ACRES	COST PER UNIT	TOTAL COST	PER ACRE IRR.					
FUEL AND OIL (ACRE INCHES)		12.00	\$2.65	\$4,897.20	\$31.80	67.0%		\$21.31		\$10.49
REPAIR & MAINTENANCE		154	\$12.00	\$1,848.00	\$12.00	67.0%		\$8.04		\$3.96
LABOR		154	\$5.00	\$770.00	\$5.00	100.0%		\$5.00		\$0.00
SEED (ADDITIONAL)		154	\$22.00	\$3,388.00	\$22.00	100.0%		\$22.00		\$0.00
FERTILIZER (ADDITIONAL)		154	\$38.00	\$5,852.00	\$38.00	67.0%		\$25.46		\$12.54
DRYING (ADDITIONAL)		154	\$18.00	\$2,772.00	\$18.00	67.0%		\$12.06		\$5.94
TOTAL OPERATING COST				\$19,527.20	\$126.80			\$93.87		\$32.93
SUMMARY										
					COST/ACRE			COST/ACRE		COST/ACRE
INVESTMENT PER ACRE IRRIGATED					\$1,212.99			\$802.22		\$410.77
OWNERSHIP COST PER ACRE IRRIGATED					\$104.06			\$71.62		\$32.44
OPERATING COST PER ACRE IRRIGATED					\$126.80			\$93.87		\$32.93
TOTAL COST PER ACRE IRRIGATED					\$230.86	CALCULATED SHARE RATE----->		\$165.48 71.7%		\$65.37 28.3%