

2018 CENTER PIVOT IRRIGATION INVESTMENT AND OWNERSHIP COST

40 ACRE TOWABLE ELECTRIC DRIVE, LOW PRESSURE, CENTER PIVOT  
74 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	\$58,000	\$3,770.00	67.0%	\$38,860.00	\$2,525.90	\$19,140.00	\$1,244.10
POWER UNIT	15	5	0.0917	\$24,000	\$2,200.00	100.0%	\$24,000.00	\$2,200.00	\$0.00	\$0.00
2-12" WELL 100' DEEP	25	5	0.0650	\$3,600	\$234.00	0.0%	\$0.00	\$0.00	\$3,600.00	\$234.00
2-12" 2 STAGE TURBINE PUMP	25	5	0.0650	\$19,600	\$1,274.00	0.0%	\$0.00	\$0.00	\$19,600.00	\$1,274.00
FUEL TANK	25	5	0.0650	\$2,200	\$143.00	67.0%	\$1,474.00	\$95.81	\$726.00	\$47.19
TOTAL INVESTMENT				\$107,400	\$7,621.00		\$64,334.00	\$4,821.71	\$43,066.00	\$2,799.29
TAXES & INSURANCE (TOTAL INVESTMENT @ 1%)					\$1,074.00	67.0%		\$719.58		\$354.42
LOSS OF INCOME DUE TO ACREAGE OUT OF PRODUCTION					\$200.00	67.0%		\$134.00		\$66.00
ANNUAL OWNERSHIP COST					\$8,895.00			\$5,675.29		\$3,219.71
OPERATING COST:		UNITS OR ACRES	COST PER UNIT	TOTAL COST	PER ACRE IRR.					
FUEL AND OIL (ACRE INCHES)		12.00	\$2.50	\$2,220.00	\$30.00	67.0%		\$20.10		\$9.90
REPAIR & MAINTENANCE		74	\$10.00	\$740.00	\$10.00	67.0%		\$6.70		\$3.30
LABOR		74	\$5.00	\$370.00	\$5.00	100.0%		\$5.00		\$0.00
SEED (ADDITIONAL)		74	\$22.00	\$1,628.00	\$22.00	100.0%		\$22.00		\$0.00
FERTILIZER (ADDITIONAL)		74	\$30.00	\$2,220.00	\$30.00	67.0%		\$20.10		\$9.90
DRYING (ADDITIONAL)		74	\$17.00	\$1,258.00	\$17.00	67.0%		\$11.39		\$5.61
TOTAL OPERATING COST				\$8,436.00	\$114.00			\$85.29		\$28.71
SUMMARY										
					COST/ACRE			COST/ACRE		COST/ACRE
INVESTMENT PER ACRE IRRIGATED					\$1,451.35			\$869.38		\$581.97
OWNERSHIP COST PER ACRE IRRIGATED					\$120.20			\$76.69		\$43.51
OPERATING COST PER ACRE IRRIGATED					\$114.00			\$85.29		\$28.71
TOTAL COST PER ACRE IRRIGATED					\$234.20	CALCULATED SHARE RATE----->		\$161.98 69.2%		\$72.22 30.8%