

2017 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	\$22,000	\$2,016.67	100.0%	\$22,000.00	\$2,016.67	\$0.00	\$0.00
2-12" WELL 100' DEEP	25	5	0.0650	\$15,600	\$1,014.00	0.0%	\$0.00	\$0.00	\$15,600.00	\$1,014.00
2-12" 2 STAGE TURBINE PUMP	25	5	0.0650	\$19,000	\$1,235.00	0.0%	\$0.00	\$0.00	\$19,000.00	\$1,235.00
FUEL TANK	25	5	0.0650	\$2,200	\$143.00	67.0%	\$1,474.00	\$95.81	\$726.00	\$47.19
TOTAL INVESTMENT				\$116,800	\$8,178.67		\$62,334.00	\$4,638.38	\$54,466.00	\$3,540.29
TAXES & INSURANCE (TOTAL INVESTMENT @ 1%)					\$1,168.00	67.0%		\$782.56		\$385.44
LOSS OF INCOME DUE TO ACREAGE OUT OF PRODUCTION					\$200.00	67.0%		\$134.00		\$66.00
ANNUAL OWNERSHIP COST					\$9,546.67			\$5,554.94		\$3,991.73
OPERATING COST:		UNITS OR ACRES	COST PER UNIT	TOTAL COST	PER ACRE IRR.					
FUEL AND OIL (ACRE INCHES)		12.00	\$2.00	\$1,776.00	\$24.00	67.0%		\$16.08		\$7.92
REPAIR & MAINTENANCE		74	\$10.00	\$740.00	\$10.00	67.0%		\$6.70		\$3.30
LABOR		74	\$4.00	\$296.00	\$4.00	100.0%		\$4.00		\$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	\$14.00	\$1,036.00	\$14.00	67.0%		\$9.38		\$4.62
TOTAL OPERATING COST				\$7,696.00	\$104.00			\$78.26		\$25.74
		SUMMARY								
					COST/ACRE			COST/ACRE		COST/ACRE
INVESTMENT PER ACRE IRRIGATED					\$1,578.38			\$842.35		\$736.03
OWNERSHIP COST PER ACRE IRRIGATED					\$129.01			\$75.07		\$53.94
OPERATING COST PER ACRE IRRIGATED					\$104.00			\$78.26		\$25.74
TOTAL COST PER ACRE IRRIGATED					\$233.01	CALCULATED SHARE RATE----->		\$153.33 65.8%		\$79.68 34.2%