

2017 CENTER PIVOT IRRIGATION INVESTMENT AND OWNERSHIP COST

160 ACRE TOWABLE ELECTRIC DRIVE, LOW PRESSURE, CENTER PIVOT
 268 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	\$94,000	\$6,110.00	67.0%	\$62,980.00	\$4,093.70	\$31,020.00	\$2,016.30
2 - POWER UNIT	15	5	0.0917	\$44,000	\$4,033.33	100.0%	\$44,000.00	\$4,033.33	\$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
2 -FUEL TANK	25	5	0.0650	\$2,200	\$143.00	67.0%	\$1,474.00	\$95.81	\$726.00	\$47.19
TOTAL INVESTMENT				\$174,800	\$12,535.33		\$108,454.00	\$8,222.84	\$66,346.00	\$4,312.49
TAXES & INSURANCE (TOTAL INVESTMENT @ 1%)					\$1,748.00	67.0%		\$1,171.16		\$576.84
LOSS OF INCOME DUE TO ACREAGE OUT OF PRODUCTION					\$350.00	67.0%		\$234.50		\$115.50
ANNUAL OWNERSHIP COST					\$14,633.33			\$9,628.50		\$5,004.83
OPERATING COST:		UNITS OR ACRES	COST PER UNIT	TOTAL COST	PER ACRE IRR.					
FUEL AND OIL (ACRE INCHES)		12.00	\$2.00	\$6,432.00	\$24.00	67.0%		\$16.08		\$7.92
REPAIR & MAINTENANCE		268	\$10.00	\$2,680.00	\$10.00	67.0%		\$6.70		\$3.30
LABOR		268	\$4.00	\$1,072.00	\$4.00	100.0%		\$4.00		\$0.00
SEED (ADDITIONAL)		268	\$22.00	\$5,896.00	\$22.00	100.0%		\$22.00		\$0.00
FERTILIZER (ADDITIONAL)		268	\$30.00	\$8,040.00	\$30.00	67.0%		\$20.10		\$9.90
DRYING (ADDITIONAL)		268	\$14.00	\$3,752.00	\$14.00	67.0%		\$9.38		\$4.62
TOTAL OPERATING COST				\$27,872.00	\$104.00			\$78.26		\$25.74
SUMMARY										
					COST/ACRE			COST/ACRE		COST/ACRE
INVESTMENT PER ACRE IRRIGATED					\$652.24			\$404.68		\$247.56
OWNERSHIP COST PER ACRE IRRIGATED					\$54.60			\$35.93		\$18.67
OPERATING COST PER ACRE IRRIGATED					\$104.00			\$78.26		\$25.74
TOTAL COST PER ACRE IRRIGATED					\$158.60	CALCULATED SHARE RATE----->		\$114.19 72.0%		\$44.41 28.0%