

2016 CENTER PIVOT IRRIGATION INVESTMENT AND OWNERSHIP COST

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

OWNERSHIP COST:	LIFE	INTEREST RATE	COST FACTOR	INVESTMENT	ANNUAL COST	% CONTRIBUTION By Tenant	CONTRIBUTIONS TO THE IRRIGATION COSTS			
							TENANT		LANDOWNER	
ITEMS:							Investment	Annual Ownership	Investment	Annual Ownership
PIVOT MACHINE, ELECTRIC GENERATOR & CONCRETE PAD	25	5	0.0650	\$88,000	\$5,720.00	67.0%	\$58,960.00	\$3,832.40	\$29,040.00	\$1,887.60
POWER UNIT	15	5	0.0917	\$22,000	\$2,016.67	100.0%	\$22,000.00	\$2,016.67	\$0.00	\$0.00
12" WELL 100' DEEP	25	5	0.0650	\$7,100	\$461.50	0.0%	\$0.00	\$0.00	\$7,100.00	\$461.50
12" 2 STAGE TURBINE PUMP	25	5	0.0650	\$9,500	\$617.50	0.0%	\$0.00	\$0.00	\$9,500.00	\$617.50
FUEL TANK	25	5	0.0650	\$1,100	\$71.50	67.0%	\$737.00	\$47.91	\$363.00	\$23.60
TOTAL INVESTMENT				\$127,700	\$8,887.17		\$81,697.00	\$5,896.97	\$46,003.00	\$2,990.20
TAXES & INSURANCE (TOTAL INVESTMENT @ 1%)					\$1,277.00	67.0%		\$855.59		\$421.41
LOSS OF INCOME DUE TO ACREAGE OUT OF PRODUCTION					\$100.00	67.0%		\$67.00		\$33.00
ANNUAL OWNERSHIP COST CORN					\$10,264.17			\$6,819.56		\$3,444.61
OPERATING COST:		UNITS OR ACRES	COST PER UNIT	TOTAL COST	PER ACRE IRR.					
FUEL AND OIL (ACRE INCHES)		12.00	\$2.00	\$3,216.00	\$24.00	67.0%		\$16.08		\$7.92
REPAIR & MAINTENANCE		134	\$10.00	\$1,340.00	\$10.00	67.0%		\$6.70		\$3.30
LABOR		134	\$4.00	\$536.00	\$4.00	100.0%		\$4.00		\$0.00
SEED (ADDITIONAL)		134	\$26.00	\$3,484.00	\$26.00	100.0%		\$26.00		\$0.00
FERTILIZER (ADDITIONAL)		134	\$38.00	\$5,092.00	\$38.00	67.0%		\$25.46		\$12.54
DRYING & HAULING (ADDITIONAL)		134	\$14.00	\$1,876.00	\$14.00	67.0%		\$9.38		\$4.62
TOTAL OPERATING COST				\$15,544.00	\$116.00			\$87.62		\$28.38
SUMMARY										
					COST/ACRE			COST/ACRE		COST/ACRE
INVESTMENT PER ACRE IRRIGATED					\$952.99			\$609.68		\$343.31
OWNERSHIP COST PER ACRE IRRIGATED					\$76.60			\$50.89		\$25.71
OPERATING COST PER ACRE IRRIGATED					\$116.00			\$87.62		\$28.38
TOTAL COST PER ACRE IRRIGATED					\$192.60	CALCUALTED SHARE RATE----->		\$138.51 71.9%		\$54.09 28.1%