

2018 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	\$108,000	\$7,020.00	67.0%	\$72,360.00	\$4,703.40	\$35,640.00	\$2,316.60
1 - 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	\$13,600	\$884.00	0.0%	\$0.00	\$0.00	\$13,600.00	\$884.00
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
2 -FUEL TANK	25	5	0.0650	\$2,200	\$143.00	67.0%	\$1,474.00	\$95.81	\$726.00	\$47.19
TOTAL INVESTMENT				\$167,400	\$11,521.00		\$97,834.00	\$6,999.21	\$69,566.00	\$4,521.79
TAXES & INSURANCE (TOTAL INVESTMENT @ 1%)					\$1,674.00	67.0%		\$1,121.58		\$552.42
LOSS OF INCOME DUE TO ACREAGE OUT OF PRODUCTION					\$350.00	67.0%		\$234.50		\$115.50
ANNUAL OWNERSHIP COST					\$13,545.00			\$8,355.29		\$5,189.71
OPERATING COST:		UNITS OR ACRES	COST PER UNIT	TOTAL COST	PER ACRE IRR.					
FUEL AND OIL (ACRE INCHES)		12.00	\$2.50	\$8,040.00	\$30.00	67.0%		\$20.10		\$9.90
REPAIR & MAINTENANCE		268	\$10.00	\$2,680.00	\$10.00	67.0%		\$6.70		\$3.30
LABOR		268	\$5.00	\$1,340.00	\$5.00	100.0%		\$5.00		\$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	\$17.00	\$4,556.00	\$17.00	67.0%		\$11.39		\$5.61
TOTAL OPERATING COST				\$30,552.00	\$114.00			\$85.29		\$28.71
		SUMMARY								
					COST/ACRE			COST/ACRE		COST/ACRE
INVESTMENT PER ACRE IRRIGATED					\$624.63			\$365.05		\$259.57
OWNERSHIP COST PER ACRE IRRIGATED					\$50.54			\$31.18		\$19.36
OPERATING COST PER ACRE IRRIGATED					\$114.00			\$85.29		\$28.71
TOTAL COST PER ACRE IRRIGATED					\$164.54	CALCULATED SHARE RATE----->		\$116.47 70.8%		\$48.07 29.2%