

2019 CENTER PIVOT IRRIGATION INVESTMENT AND OWNERSHIP COST

LAYFLAT IRRIGATION TUBING 80 ACRES 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
LAND GRADING \$500/ACRE (INTEREST ONLY)		5	0.0500	\$40,000	\$2,000.00	33.0%	\$13,200.00	\$660.00	\$26,800.00	\$1,340.00
POWER UNIT	10	5	0.1250	\$18,000	\$2,250.00	100.0%	\$18,000.00	\$2,250.00	\$0.00	\$0.00
16" WELL 100' DEEP	25	5	0.0650	\$7,400	\$481.00	0.0%	\$0.00	\$0.00	\$7,400.00	\$481.00
14" 1 STAGE TURBINE PUMP	15	5	0.0917	\$9,500	\$870.83	0.0%	\$0.00	\$0.00	\$9,500.00	\$870.83
FUEL TANK	25	5	0.0650	\$1,100	\$71.50	67.0%	\$737.00	\$47.91	\$363.00	\$23.60
TOTAL INVESTMENT				\$76,000	\$5,673.33		\$31,937.00	\$2,957.91	\$44,063.00	\$2,715.43
TAXES & INSURANCE (TOTAL INVESTMENT @ 1%)					\$760.00	67.0%		\$509.20		\$250.80
LOSS OF INCOME DUE TO ACREAGE OUT OF PRODUCTION					\$100.00	67.0%		\$67.00		\$33.00
ANNUAL OWNERSHIP COST					\$6,533.33			\$3,534.11		\$2,999.23
OPERATING COST:		UNITS OR ACRES	COST PER UNIT	TOTAL COST	PER ACRE IRR.					
FUEL AND OIL (ACRE INCHES)		12.00	\$2.65	\$2,544.00	\$31.80	67.0%		\$21.31		\$10.49
REPAIR & LAND MAINTENANCE		80	\$12.00	\$960.00	\$12.00	67.0%		\$8.04		\$3.96
LAYFLAT TUBING (\$325/QUARTER MILE)		80	\$8.00	\$640.00	\$8.00	100.0%		\$8.00		\$0.00
LABOR		80	\$5.00	\$400.00	\$5.00	100.0%		\$5.00		\$0.00
SEED (ADDITIONAL)		80	\$22.00	\$1,760.00	\$22.00	100.0%		\$22.00		\$0.00
FERTILIZER (ADDITIONAL)		80	\$38.00	\$3,040.00	\$38.00	67.0%		\$25.46		\$12.54
DRYING (ADDITIONAL)		80	\$18.00	\$1,440.00	\$18.00	67.0%		\$12.06		\$5.94
TOTAL OPERATING COST				\$10,784.00	\$134.80			\$101.87		\$32.93
SUMMARY										
					COST/ACRE			COST/ACRE		COST/ACRE
INVESTMENT PER ACRE IRRIGATED					\$950.00			\$399.21		\$550.79
OWNERSHIP COST PER ACRE IRRIGATED					\$81.67			\$44.18		\$37.49
OPERATING COST PER ACRE IRRIGATED					\$134.80			\$101.87		\$32.93
TOTAL COST PER ACRE IRRIGATED					\$216.47	CALCUALTED SHARE RATE----->		\$146.04 67.5%		\$70.42 32.5%