

2018 CENTER PIVOT IRRIGATION INVESTMENT AND OWNERSHIP COST

LAYFLAT IRRIGATION TUBING		80 ACRES IRRIGATED				% CONTRIBUTION By Tenant	CONTRIBUTIONS TO THE IRRIGATION COSTS			
OWNERSHIP COST:							TENANT		LANDOWNER	
ITEMS:	LIFE	INTEREST RATE	COST FACTOR	INVESTMENT	ANNUAL COST		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	15	5	0.0917	\$20,000	\$1,833.33	100.0%	\$20,000.00	\$1,833.33	\$0.00	\$0.00
16" WELL 100' DEEP	25	5	0.0650	\$7,800	\$507.00	0.0%	\$0.00	\$0.00	\$7,800.00	\$507.00
14" 1 STAGE TURBINE PUMP	25	5	0.0650	\$9,800	\$637.00	0.0%	\$0.00	\$0.00	\$9,800.00	\$637.00
FUEL TANK	25	5	0.0650	\$1,100	\$71.50	67.0%	\$737.00	\$47.91	\$363.00	\$23.60
TOTAL INVESTMENT				\$78,700	\$5,048.83		\$33,937.00	\$2,541.24	\$44,763.00	\$2,507.60
TAXES & INSURANCE (TOTAL INVESTMENT @ 1%)					\$787.00	67.0%		\$527.29		\$259.71
LOSS OF INCOME DUE TO ACREAGE OUT OF PRODUCTION					\$100.00	67.0%		\$67.00		\$33.00
ANNUAL OWNERSHIP COST					\$5,935.83			\$3,135.53		\$2,800.31
OPERATING COST:		UNITS OR ACRES	COST PER UNIT	TOTAL COST	PER ACRE IRR.					
FUEL AND OIL (ACRE INCHES)	12.00	\$2.00		\$1,920.00	\$24.00	67.0%		\$16.08		\$7.92
REPAIR & LAND MAINTENANCE	80	\$14.00		\$1,120.00	\$14.00	67.0%		\$9.38		\$4.62
LAYFLAT TUBING (\$325/QUARTER MILE)	80	\$8.00		\$640.00	\$8.00	100.0%		\$8.00		\$0.00
LABOR	80	\$4.00		\$320.00	\$4.00	100.0%		\$4.00		\$0.00
SEED (ADDITIONAL)	80	\$22.00		\$1,760.00	\$22.00	100.0%		\$22.00		\$0.00
FERTILIZER (ADDITIONAL)	80	\$30.00		\$2,400.00	\$30.00	67.0%		\$20.10		\$9.90
DRYING (ADDITIONAL)	80	\$14.00		\$1,120.00	\$14.00	67.0%		\$9.38		\$4.62
TOTAL OPERATING COST				\$9,280.00	\$116.00			\$88.94		\$27.06
SUMMARY										
					COST/ACRE			COST/ACRE		COST/ACRE
INVESTMENT PER ACRE IRRIGATED					\$983.75			\$424.21		\$559.54
OWNERSHIP COST PER ACRE IRRIGATED					\$74.20			\$39.19		\$35.00
OPERATING COST PER ACRE IRRIGATED					\$116.00			\$88.94		\$27.06
TOTAL COST PER ACRE IRRIGATED					\$190.20	CALCUALTED SHARE RATE----->		\$128.13 67.4%		\$62.06 32.6%