**Temporary Summer Grazing - Irrigated**
**Variable Cost Budget**

| Assumptions | |
|---|---|
| NUMBER OF ACRES | 150.00 |
| Planting Date | 05/01/04 |
| Final Grazing Date | 09/15/04 |
| Days interest is charged | 137.00 |

| Item | Unit | Units/Acre | $/Unit Cost | $/ Acre | Total Amount | Your Farm |
|---|---|---|---|---|---|---|
| ***VARIABLE COSTS:*** | | | | | | |
| MILLET SEED | LBS. | 20.00 | $0.50 | $10.00 | $1,500.00 | |
| FERTILIZER | | | | | | |
| NITROGEN | LBS. | 150.00 | $0.38 | $57.00 | $8,550.00 | |
| PHOSPHATE (P2 O5) | LBS. | 60.00 | $0.28 | $16.80 | $2,520.00 | |
| POTASH (K2 O) | LBS. | 60.00 | $0.18 | $10.80 | $1,620.00 | |
| LIME | TONS | 0.25 | $24.00 | $6.00 | $900.00 | |
| 2,4-D | PINT | 1.50 | $2.00 | $3.00 | $450.00 | |
| LORSBAN 4E | PINT | 1.50 | $3.50 | $5.25 | $787.50 | |
| DISK , PLANT,SPRAY REPAIR | ACRE | 1.00 | $3.53 | $3.53 | $529.50 | |
| DISK, PLANT,SPRAY FUEL, LUB. ETC. | ACRE | 1.00 | $1.20 | $1.20 | $180.00 | |
| IRRIGATION | ACRE INCHES | 4.00 | $6.28 | $25.11 | $3,766.20 | |
| LAND RENTAL | ACRE | 1.00 | $0.00 | $0.00 | $0.00 | |
| LABOR | HRS. | 1.50 | $7.00 | $10.50 | $1,575.00 | |
| INTEREST ON OP. CAP. | $ | | $22,378.20 | 7.50% | $11.25 | |
| **TOTAL VARIABLE COST** | | | | **$149.26** | **$22,389** | |

**Note: The mention of trade names is for illustrative purposes only and does not constitute a recommendation by UGA**

## CENTER PIVOT IRRIGATION (GRAVEL PACKED WELL)

APPROX. 500 FT GRAVEL PACKED WELL

| | |
|---|---|
| Acres for the system | 150 |
| Interest Rate | 7.5% |
| Acre inches per year | 12.00 |

**OPERATING COSTS**

| | | | | |
|---|---|---|---|---|
| ENGINE HORSEPOWER | | 150 | | |
| FUEL PER GAL | | $1.00 | | |
| FUEL COST PER HR. | | $10.00 | | |
| HOURS PER CIRCLE | | 70.00 | | |
| FUEL COSTS PER ACRE IN. | | | | $4.67 |
| OIL COSTS PER ACRE IN. | | | | $0.70 |
| REPAIRS PER ACRE IN. | | | | $0.83 |
| LABOR | 0.01 HRS. | @ | 7.00 | $0.08 |
| **TOTAL OPERATING COSTS PER ACRE INCH** | | | | **$6.28** |

**NOTE**
Water source location and cost may differ substantially. This could effect investment , motor size and operation costs.

## RISK RATED RETURNS OVER TOTAL COST