

Projections for Planning Purposes Only -- *Not to be Used without Updating*
2024 Estimated Costs and Returns per Acre
Irrigated Blackeyed Peas
South Plains Extension District - 2

| Crop Acres | | 122 | | | |
|---|----------|----------|----------|----------|------------------|
| | | | | Total | Enterprise Total |
| REVENUE | | | | | |
| | Quantity | Units | \$/Unit | Total | Enterprise Total |
| Blackeyed Peas | 1,850.00 | Pound | \$0.34 | \$629.00 | \$76,738.00 |
| Total Revenue | | | | \$629.00 | \$76,738.00 |
| VARIABLE COSTS | | | | | |
| | | | | Total | Enterprise Total |
| Production Costs | | | | | |
| Custom | | | | | |
| Custom Harvest - Blackeyed Peas | 1 | Acre | \$30.00 | \$30.00 | \$3,660.00 |
| Custom Haul - Blackeyed Peas | 18.5 | CWT | \$0.20 | \$3.70 | \$451.40 |
| Fertilizer | | | | | |
| Fertilizer (N) - Liquid | 40 | Pound | \$0.61 | \$24.44 | \$2,981.68 |
| Herbicide | | | | | |
| Herbicide Blackeyed Peas | 1 | Acre | \$10.00 | \$10.00 | \$1,220.00 |
| Miscellaneous | | | | | |
| Crop Insurance Blackeyed Peas | 1 | Acre | \$24.00 | \$24.00 | \$2,928.00 |
| Seed | | | | | |
| Seed - Blackeyed Peas | 50 | Pound | \$0.45 | \$22.50 | \$2,745.00 |
| Other Labor | | | | | |
| Hoeing | 1 | Acre | \$15.00 | \$15.00 | \$1,830.00 |
| Fungicides | | | | | |
| Fungicide - Blackeyed Peas | 1 | Acre | \$12.00 | \$12.00 | \$1,464.00 |
| Irrigation | | | | | |
| Energy Cost | 8.00 | AcreInch | \$10.00 | \$80.00 | \$9,760.00 |
| Irrigation Labor | 0.75 | Hour | \$12.00 | \$9.00 | \$1,098.00 |
| Machinery Labor | | | | | |
| Tractors/Self-Propelled | 0.46 | Hour | \$12.00 | \$5.52 | \$673.44 |
| Other Labor | 0.54 | Hour | \$12.00 | \$6.48 | \$790.56 |
| Diesel Fuel | | | | | |
| Tractors/Self-Propelled | 2.4 | Gallon | \$3.00 | \$7.20 | \$878.11 |
| Gasoline | | | | | |
| Pickup/General Use Equipment | 1 | Acre | \$5.20 | \$5.20 | \$634.75 |
| Repairs & Maintenance | | | | | |
| Pickup/General Use Equipment | 1 | Acre | \$0.50 | \$0.50 | \$61.00 |
| Irrigation Equipment | 1 | Acre | \$14.00 | \$14.00 | \$1,708.00 |
| Tractors/Self-Propelled | 1 | Acre | \$6.00 | \$6.00 | \$732.00 |
| Implements | 1 | Acre | \$3.00 | \$3.00 | \$366.00 |
| Interest on Credit Line | | | 9.00% | \$5.56 | \$678.07 |
| Total Variable Costs | | | | \$284.10 | \$34,660.01 |
| Planned Returns Above Variable Costs: | | | | \$344.90 | \$42,077.99 |
| Breakeven Price to Cover Variable Costs | | | | \$0.15 | Pound |
| FIXED COSTS | | | | | |
| | | | | Total | Enterprise Total |
| Equipment Fixed Costs | | | | | |
| Pickup/General Use Equipment | 1 | Acre | \$1.25 | \$1.25 | \$152.50 |
| Irrigation Equipment | 1 | Acre | \$55.00 | \$55.00 | \$6,710.00 |
| Tractors/Self-Propelled | 1 | Acre | \$12.00 | \$12.00 | \$1,464.00 |
| Implements | 1 | Acre | \$10.00 | \$10.00 | \$1,220.00 |
| Management Fee, Owner/Operator Labor | 1 | Acre | \$25.00 | \$25.00 | \$3,050.00 |
| Cash Rent - Blackeyed Peas | 1 | Acre | \$100.00 | \$100.00 | \$12,200.00 |
| Whole Farm Insurance | 1 | Acre | \$2.00 | \$2.00 | \$244.00 |
| Total Fixed Costs | | | | \$205.25 | \$25,040.50 |
| Total Specified Costs | | | | \$489.35 | \$59,700.51 |
| Returns Above Specified Costs | | | | \$139.65 | \$17,037.49 |
| Breakeven Price to Cover Total Costs | | | | \$0.26 | Pound |

| Example Breakeven Prices | | | |
|--------------------------|---------------------|-------------------------|----------------------|
| Example Yield Percent | Example Yield Pound | To Cover Variable Costs | To Cover Total Costs |
| 75% | 1387.50 | \$0.20 | \$0.35 |
| 90% | 1665.00 | \$0.17 | \$0.29 |
| 100% | 1850.00 | \$0.15 | \$0.26 |
| 110% | 2035.00 | \$0.14 | \$0.24 |
| 125% | 2312.50 | \$0.12 | \$0.21 |

Developed by Agricultural Economists, Texas A&M AgriLife Extension. 806-746-6101

Information presented is prepared solely as a general guide and not intended to recognize or predict the costs and returns from any one operation. Brand names are mentioned only as examples and imply no endorsement.