2023 Estimated Costs and Returns per Acre Irrigated Sesame South Plains Extension District - 2

Crop Acres 122

| Name | Crop Acres | 122 | | | | F. (|
|---|---|----------|----------|---------------|---------------|-------------|
| Seame - Irrigated | DEVENI IE | Ouantity | Lloite | ¢/Llnit | Total | Enterprise |
| VARIABLE COSTS | | | | | | |
| VARIABLE COSTS | e e e e e e e e e e e e e e e e e e e | 1,200.00 | Found | φυ.ου | | |
| VARIABLE COSTS Quantity Units \$/Unit Total Total | Total nevertue | | | | \$720.00 | • |
| Production Costs Seed Seed - Sesame Seed | VARIARI E COSTS | Quantity | Unite | \$/LInit | Total | • |
| Seed Seed - Sesame 2.5 Pound \$4.00 \$10.00 \$1,220.00 | | Quantity | Office | ψ/OIIIt | Total | Total |
| Seed - Sesame | | | | | | |
| Fertilizer (N) - Liquid | | 2.5 | Pound | \$4.00 | \$10.00 | \$1 220 00 |
| Fertilizer (N) - Liquid | | 2.0 | round | φ4.00 | Ψ10.00 | Ψ1,220.00 |
| Fertilizer (P) - Liquid 30 Pound \$1.16 \$34.80 \$4,245.60 | | 75 | Pound | \$1.06 | \$79.50 | \$9,699,00 |
| Custom | | | | • | • | • |
| Fertilizer Application - Liquid High Custom Harvest - Sesame | · · · · · · · · · · · · · · · · · · · | | | Ų | 40 | ¥ 1/2 10100 |
| Custom Harvest - Sesame | | 1 | Acre | \$4.75 | \$4.75 | \$579.50 |
| Custom Haul - Sesame 15 | · · · · · · · · · · · · · · · · · · · | | | - | • | |
| Miscellaneous | | | | - | • | • |
| Crop Insurance Sesame - Irrigater Acre \$12.50 \$12.50 \$15.20.00 Herbicide | | 10 | 0111 | Ψ0.12 | Ψ1.00 | Ψ2 10.00 |
| Herbicide | | 1 | Acre | \$12.50 | \$12.50 | \$1 525 00 |
| Herbicide - Sesame | | | Acre | Ψ12.50 | Ψ12.50 | Ψ1,323.00 |
| Other Labor Hoeing 1 Acre \$15.00 \$15.00 \$1,830.00 Irrigation Energy Cost Irrigation Labor 11.00 Acrelnch Acrelnch \$10.00 \$110.00 \$110.00 \$13,420.00 Machinery Labor Tractors/Self-Propelled 0.46 Hour \$12.00 \$5.52 \$673,44 Other Labor 0.54 Hour \$12.00 \$5.60 \$805.00 Diesel Fuel Tractors/Self-Propelled 2.4 Gallon \$2.75 \$6.60 \$805.00 \$610.00 Repairs & Maintenance Pickup/General Use Equipment 1 Acre \$19.25 \$19.25 \$2,348.50 Tractors/Self-Propelled 1 Acre \$10.00 \$10.00 \$172.00 | | 1 | Acre | \$21.75 | \$21.75 | \$2,653,50 |
| Hoeing | | • | Acre | Ψ21.75 | Ψ21.73 | Ψ2,033.30 |
| Irrigation | | 1 | Acro | \$15.00 | \$15.00 | \$1 830 00 |
| Energy Cost | · · | ' | Acre | Φ15.00 | \$15.00 | φ1,030.00 |
| Irrigation Labor | | 11.00 | Aaralaab | ¢10.00 | ¢110.00 | ¢12 420 00 |
| Machinery Labor | - · | | | - | • | · · |
| Tractors/Self-Propelled | | 1.00 | Hour | \$12.00 | \$12.00 | \$1,464.00 |
| Other Labor Diesel Fuel Tractors/Self-Propelled Tractors/Self-Propelled 2.4 Gallon \$12.00 \$6.48 \$790.56 Gasoline Pickup/General Use Equipment Pickup/General Use Equipment Pickup/General Use Equipment Pickup/General Use Equipment Integration Equipm | • | 0.40 | 11 | ¢10.00 | ¢ E E0 | ¢070.44 |
| Diesel Fuel | | | | | · | |
| Tractors/Self-Propelled 2.4 Gallon \$2.75 \$6.60 \$805.20 Gasoline Pickup/General Use Equipment 1 Acre \$5.00 \$5.00 \$610.00 Repairs & Maintenance Pickup/General Use Equipment 1 Acre \$0.50 \$0.50 \$610.00 Irrigation Equipment 1 Acre \$19.25 \$19.25 \$2,348.50 Tractors/Self-Propelled 1 Acre \$6.00 \$6.00 \$732.00 Implements 1 Acre \$3.00 \$3.00 \$366.00 Implements 1 Acre \$8.00% \$14.01 \$1,709.15 \$104 Variable Costs \$333.46 \$48,002.05 \$104 Variable Costs \$333.46 \$48,002.05 \$104 Variable Costs \$333.46 \$48,002.05 Variable Costs \$339,837.95 Variable Costs \$338.37 Varia | | 0.54 | Hour | \$12.00 | \$6.48 | \$790.56 |
| Pickup/General Use Equipment 1 Acre \$5.00 \$5.00 \$610.00 | | | 0 11 | 40.75 | 40.00 | **** |
| Pickup/General Use Equipment 1 Acre \$5.00 \$5.00 \$610.00 | | 2.4 | Gallon | \$2.75 | \$6.60 | \$805.20 |
| Repairs & Maintenance | | _ | | 4 = 00 | 45.00 | 4010.00 |
| Pickup/General Use Equipment | | 1 | Acre | \$5.00 | \$5.00 | \$610.00 |
| Irrigation Equipment | · | | _ | | | |
| Tractors/Self-Propelled 1 Acre \$6.00 \$732.00 Implements 1 Acre \$3.00 \$3.00 \$366.00 Interest on Credit Line 8.00% \$14.01 \$1,709.15 Total Variable Costs \$393.46 \$48,002.05 Planned Returns Above Variable Costs: \$326.54 \$39,837.95 Breakeven Price to Cover Variable Costs \$0.33 Pound FIXED COSTS Quantity Units \$/Unit 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 - Sesame 1 Acre \$100.00 \$10.00 \$12,200.00 | | | | - | • | • |
| Implements 1 Acre \$3.00 \$3.00 \$366.00 Interest on Credit Line 8.00% \$14.01 \$1,709.15 Total Variable Costs \$393.46 \$48,002.05 Planned Returns Above Variable Costs: \$326.54 \$39,837.95 Breakeven Price to Cover Variable Costs \$0.33 Pound FIXED COSTS Quantity Units \$\struct \text{Unit} Total 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 - Sesame 1 Acre \$100.00 \$100.00 \$12,200.00 Whole Farm Insurance 1 Acre \$25.00 \$25.00 \$25.00 \$244.00 Total Fixed Costs \$205.25 \$25,040.50 Total Specified Costs \$121.29 \$14,797.45 Returns Above Specified Costs \$121.29 \$14,797.45 Seturns Above Specified Costs \$121.29 \$14,797.45 Contact | | | | | • | • |
| Interest on Credit Line | · | · · | Acre | - | • | • |
| Saga | • | 1 | Acre | | · | · |
| Planned Returns Above Variable Costs \$326.54 \$39,837.95 | Interest on Credit Line | | | 8.00% | \$14.01 | \$1,709.15 |
| Breakeven Price to Cover Variable Costs \$0.33 Pound Enterprise | Total Variable Costs | | | | \$393.46 | \$48,002.05 |
| FIXED COSTS Quantity Units \$/Unit Total Total | Planned Returns Above Variable Costs: | | | '• | \$326.54 | \$39,837.95 |
| FIXED COSTS Quantity Units \$/Unit Total Total | Breakeven Price to Cover Variable Costs | | | \$0.33 | Pound | |
| Equipment Fixed Costs | | | | | | Enterprise |
| Equipment Fixed Costs | FIXED COSTS | Quantity | Units | \$/Unit | Total | Total |
| 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 - Sesame 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 \$121.29 \$14,797.45 Returns Above Specified Costs \$121.29 \$14,797.45 Total Specified Costs \$121.20 \$14,797.45 Total Specified Costs | Equipment Fixed Costs | • | | | | |
| 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 - Sesame 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 \$121.29 \$14,797.45 Returns Above Specified Costs \$121.29 \$14,797.45 Total Specified Costs \$121.20 \$14,797.45 Total Specified Costs | Pickup/General Use Equipment | 1 | Acre | \$1.25 | \$1.25 | \$152.50 |
| Tractors/Self-Propelled Implements 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 - Sesame 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 \$73,042.55 Total Specified Costs \$121.29 \$14,797.45 | • | 1 | Acre | \$55.00 | \$55.00 | \$6,710.00 |
| Implements | | 1 | | \$12.00 | | |
| Management Fee, Owner/Operator Labor 1 Acre \$25.00 \$25.00 \$3,050.00 Cash Rent - Sesame 1 Acre \$100.00 \$100.00 \$12,200.00 Whole Farm Insurance 1 Acre \$2.00 \$24.00 \$244.00 Total Fixed Costs \$205.25 \$25,040.50 Total Specified Costs \$598.71 \$73,042.55 Returns Above Specified Costs \$121.29 \$14,797.45 | | | | | | · · |
| Cash Rent - Sesame 1 Acre \$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 \$598.71 \$73,042.55 Returns Above Specified Costs \$121.29 \$14,797.45 | | 1 | | | | |
| Whole Farm Insurance 1 Acre \$2.00 \$2.00 \$244.00 Total Fixed Costs \$205.25 \$25,040.50 Total Specified Costs \$598.71 \$73,042.55 Returns Above Specified Costs \$121.29 \$14,797.45 | | | | | | |
| Total Fixed Costs \$205.25 \$25,040.50 Total Specified Costs \$598.71 \$73,042.55 Returns Above Specified Costs \$121.29 \$14,797.45 | | | | | | |
| Total Specified Costs \$598.71 \$73,042.55 Returns Above Specified Costs \$121.29 \$14,797.45 | | • | , 10. 0 | 42.00 | | |
| Returns Above Specified Costs \$121.29 \$14,797.45 | | | | : | | |
| | rotal opecified costs | | | ; | J 7.860¢ | Φ/3,U4Z.55 |
| Breakeven Price to Cover Total Costs \$0.50 Pound | Returns Above Specified Costs | | | | \$121.29 | \$14,797.45 |
| | Breakeven Price to Cover Total Costs | | | \$0.50 | Pound | |

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.