

**Projections for Planning Purposes Only -- *Not to be Used without Updating***  
**2017 Estimated Costs and Returns per Acre**  
**Irrigated Blackeyed Peas - 122 Acres**  
**South Plains Extension District - 2**

Crop Acres		122			
REVENUE	Quantity	Units	\$/Unit	Total	Enterprise Total
Blackeyed Peas	1,850.00	Pound	\$0.34	\$629.00	\$76,738.00
<b>Total Revenue</b>				<b>\$629.00</b>	<b>\$76,738.00</b>
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Enterprise Total
<b>Production Costs</b>					
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	\$0.40	\$15.94	\$1,944.38
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	\$11.00	\$88.00	\$10,736.00
Irrigation Labor	0.90	Hour	\$12.00	\$10.80	\$1,317.60
Machinery Labor					
Tractors/Self-Propelled	1	Hour	\$12.00	\$12.00	\$1,464.00
Diesel Fuel					
Tractors/Self-Propelled	2.4	Gallon	\$1.84	\$4.42	\$538.75
Repairs & Maintenance					
Pickup/General Use Equipment	1	Acre	\$0.50	\$0.50	\$61.00
Irrigation Equipment	1	Acre	\$26.00	\$26.00	\$3,172.00
Tractors/Self-Propelled	1	Acre	\$6.00	\$6.00	\$732.00
Implements	1	Acre	\$3.00	\$3.00	\$366.00
Interest on Credit Line			6.00%	\$3.38	\$411.92
<b>Total Variable Costs</b>				<b>\$287.23</b>	<b>\$35,042.05</b>
Planned Returns Above Variable Costs:				\$341.77	\$41,695.95
Breakeven Price to Cover Variable Costs			\$0.16	Pound	
FIXED COSTS	Quantity	Units	\$/Unit	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	\$30.00	\$30.00	\$3,660.00
Cash Rent - Blackeyed Peas	1	Acre	\$100.00	\$100.00	\$12,200.00
Whole Farm Insurance	1	Acre	\$2.00	\$2.00	\$244.00
<b>Total Fixed Costs</b>				<b>\$210.25</b>	<b>\$25,650.50</b>
<b>Total Specified Costs</b>				<b>\$497.48</b>	<b>\$60,692.55</b>
Returns Above Specified Costs				\$131.52	\$16,045.45
<b>Breakeven Price to Cover Total Costs</b>			<b>\$0.27</b>	<b>Pound</b>	

Example Breakeven Prices			
Example Yield Percent	Example Yield Pound	To Cover Variable Costs	To Cover Total Costs
75%	1387.50	\$0.21	\$0.36
90%	1665.00	\$0.17	\$0.30
100%	1850.00	\$0.16	\$0.27
110%	2035.00	\$0.14	\$0.24
125%	2312.50	\$0.12	\$0.22

Developed by Jackie Smith, Professor and Extension Economist, 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.**