## Projections for Planning Purposes Only -- Not to be Used without Updating 2024 Estimated Costs and Returns per Acre Alfalfa, Roundup Ready, Establishment, Center Pivot Irrigated West Central Extension District - 7

REVENUE     Quantity     Units     S/Unit     Total     Total       Total Revenue     S0.00     \$0.00     \$0.00     \$0.00       VARIABLE COSTS     Quantity     Units     \$/Unit     Total     Total       Production Costs     Soil Test-Irrigated     1     Each     \$0.50     \$0.50     \$61.00       Apply Dry Fertilizer     1     Acre     \$6.33     \$5779.58     \$671111       Phot (11-52-0 DRY MAT)     150     Pounds     \$1.29     \$193.50     \$23,607.00       Herbicide     Glyphosate     2.2     Quarce     \$0.13     \$2.92     \$356.47       Seed     R.R. Alfalfa     2.5     pounds     \$85.0     \$212.50     \$25,925.00       Irrigation     Labor     0.30     Hour     \$17.50     \$55.25     \$640.50       Machinery Labor     0.30     Hour     \$17.21     \$3.44     \$413.92       Diseel Fuel     1.7     Gallon     \$3.60     \$6.12     \$746.64       Gasoline     Pickup/General Use Equipment     1     Acr	Crop Acres	122				
VARIABLE COSTS     Quantity     Units     \$/Unit     Total     Total     Total       Production Costs     Soil Test-Irrigated     1     Each     \$0.50     \$0.50     \$6.39     \$775.58       Production Costs     Phos (11-52-0 DRY MAT)     150     Pounds     \$1.29     \$193.50     \$23,607.00       Herbicide     22     Ounce     \$0.13     \$2.92     \$356.47       Seed     R.R. Alfalfa     25     pounds     \$8.93     \$35.74     \$4,359.69       Irrigation     Energy Cost     4.00     Acreinch     \$8.93     \$35.74     \$4,359.69       Irrigation Labor     0.30     Hour     \$17.50     \$5.25     \$640.50       Machinery Labor     Tractors/Self-Propelled     0.2     Hour     \$17.21     \$3.44     \$419.92       Dises Fuel     1     Acre     \$0.74     \$0.74     \$90.30     \$172.80.33       Tractors/Self-Propelled     1.7     Gallon     \$3.60     \$6.12     \$746.64       Gasoline     Pickup/General Use Equipment     1     Acre	REVENUE	Quantity	Units	\$/Unit	Total	
VARIABLE COSTS     Quantity     Units     \$/Unit     Total     Total       Production Costs     Soil Test-Irrigated     1     Each     \$0.50     \$6.50     \$6.50     \$50.50     \$61.00       Apply Dry Fertilizer     1     Acre     \$6.59     \$52.50     \$22,607.00       Herbicide     22     Ounce     \$0.13     \$2.92     \$356.47       Seed     R.R. Alfalfa     25     pounds     \$8.50     \$212.50     \$25,925.00       Irrigation     0.30     Hour     \$17.50     \$5.25     \$540.50       Machinery Labor     0.30     Hour     \$17.21     \$3.44     \$419.92       Tractors/Self-Propelled     1.7     Gallon     \$3.60     \$6.12     \$746.64       Gasoline     Pickup/General Use Equipment     1     Acre     \$10.54     \$10.54     \$10.54     \$10.54     \$10.54     \$10.54     \$12.89     \$29.30       Tractors/Self-Propelled     1.7     Gallon     \$3.60     \$6.12     \$746.64     \$30.30     \$10.54     \$10.54     \$10.54     <	Total Revenue	,			\$0.00	\$0.00
Production Costs Custom     Soil Test-Irrigated     1     Each     \$0.50     \$0.50     \$6.39     \$5.39     \$775.58       Fertilizer     1     Acre     \$6.39     \$5.39     \$573.58       Phos (11-52-0 DRY MAT)     150     Pounds     \$1.29     \$193.50     \$23,607.00       Herbicide     22     Ounce     \$0.13     \$2.92     \$356.47       Seed     R.R. Alfalfa     25     pounds     \$8.50     \$212.50     \$25,925.00       Irrigation     Energy Cost     4.00     AcreInch     \$8.93     \$35.74     \$4,359.69       Irrigation Labor     0.30     Hour     \$17.50     \$5.25     \$640.50       Machinery Labor     0.30     Hour     \$17.21     \$3.44     \$419.92       Diesel Fuel     1     Acre     \$2.29     \$229.00     \$279.00       Repairs & Maintenance     1     Acre     \$10.54     \$10.24     \$17.50       Pickup/General Use Equipment     1     Acre     \$4.31     \$4.81     \$4.81       Tractors/Self-Propelled						
Custom     Soil Test-Irrigated Apply Dry Fertilizer     1     Each Acre     \$0.50     \$0.50     \$61.00 \$5.39       Fertilizer Phos (11-52-0 DRY MAT)     150     Pounds     \$1.29     \$193.50     \$23,607.00       Herbicide     Glyphosate     22     Ounce     \$0.13     \$2.92     \$356.47       Seed     R.R. Alfalfa     25     pounds     \$8.50     \$212.50     \$225,925.00       Irrigation     Energy Cost     4.00     AcreInch     \$8.93     \$35.74     \$4,359.69       Tractors/Self-Propelled     0.20     Hour     \$17.50     \$5.25     \$640.50       Machinery Labor     0.30     Hour     \$17.21     \$3.44     \$419.92       Tractors/Self-Propelled     1.7     Gallon     \$3.60     \$6.12     \$746.64       Gasoline     Pickup/General Use Equipment     1     Acre     \$1.29     \$22.99     \$279.00       Repairs & Maintenance     Pickup/General Use Equipment     1     Acre     \$10.54     \$11.24     \$12.266.07.33.92       Tractors/Self-Propelled     1     Acre <t< td=""><td></td><td>Quantity</td><td>Units</td><td>\$/Unit</td><td>Total</td><td>Total</td></t<>		Quantity	Units	\$/Unit	Total	Total
Soil Test-trigated Apply Dry Fertilizer     1     Each Acre     \$0.50 \$6.39     \$5.50 \$5.39     \$573.58 \$773.58       Fertilizer Phos (11-52-0 DRY MAT)     150     Pounds     \$1.29     \$193.50     \$23,607.00       Herbicide Glyphosate     22     Ounce     \$0.13     \$2.92     \$356.47       Seed R.R. Alfalfa     25     pounds     \$8.50     \$212.50     \$25,925.00       Irrigation Irrigation Labor     0.30     Hour     \$17.50     \$55.25     \$640.50       Machinery Labor     0.30     Hour     \$17.51     \$3.44     \$419.92       Diesel Fuel     1.7     Gallon     \$3.60     \$6.12     \$746.64       Gasoline     Fickup/General Use Equipment     1     Acre     \$10.54     \$10.54     \$1,280.03       Irrigation Equipment     1     Acre     \$4.81     \$560.33     \$12.29     \$279.00       Repairs & Maintenance Pickup/General Use Equipment     1     Acre     \$10.54     \$1,286.03       Irrigation Equipment     1     Acre     \$4.81     \$560.733.92       Irrigation Equipment						
Apply Dry Fertilizer     1     Acre     \$6.39     \$6.39     \$779.58       Fertilizer     Phos (11-52-0 DRY MAT)     150     Pounds     \$1.29     \$193.50     \$22,607.00       Herbicide     Glyphosate     22     Ounce     \$0.13     \$2.92     \$356.47       Seed     R.R. Alfalfa     25     pounds     \$8.50     \$212.50     \$25,925.00       Irrigation     Energy Cost     4.00     AcreInch     \$8.93     \$35.74     \$4,359.69       Machinery Labor     0.30     Hour     \$17.21     \$3.44     \$419.92       Diesel Fuel     0.7     Gallon     \$3.60     \$6.12     \$746.64       Gasoline     Pickup/General Use Equipment     1     Acre     \$2.29     \$279.00       Repairs & Maintenance     Pickup/General Use Equipment     1     Acre     \$4.81     \$4.81     \$568.33       Inrigation Equipment     1     Acre     \$0.74     \$90.30     \$81.2     \$90.30       Irrigation Equipment     1     Acre     \$4.81     \$4.81     \$4.81     \$						
Fertilizer     Formula	Soil Test-Irrigated		Each	\$0.50	\$0.50	\$61.00
Phos (11-52-0 DRY MAT)     150     Pounds     \$1.29     \$193.50     \$23,607.00       Herbicide     Glyphosate     22     Ounce     \$0.13     \$2.92     \$356.47       Seed     R. Alfalfa     25     pounds     \$8.50     \$212.50     \$25,925.00       Irrigation     Energy Cost     4.00     AcreInch     \$8.93     \$35.74     \$4,359.69       Machinery Labor     0.30     Hour     \$17.21     \$3.44     \$419.92       Diesel Fuel     0.2     Hour     \$17.21     \$3.44     \$419.92       Diesel Fuel     1.7     Gallon     \$3.60     \$6.12     \$746.64       Gasoline     Pickup/General Use Equipment     1     Acre     \$4.81     \$4.81       Tractors/Self-Propelled     1     Acre     \$4.81     \$4.81     \$506.83       Implements     1     Acre     \$4.81     \$4.81     \$506.83       Inrigation Equipment     1     Acre     \$4.81     \$4.80       Inrigation Equipment     1     Acre     \$4.97     \$500.58 <	Apply Dry Fertilizer	1	Acre	\$6.39	\$6.39	\$779.58
Herbicide     Glyphosate     22     Ounce     \$0.13     \$2.92     \$356.47       Seed     R.R. Alfalfa     25     pounds     \$8.50     \$212.50     \$25,925.00       Irrigation     Energy Cost     4.00     AcreInch     \$8.93     \$35.74     \$4,359.69       Irrigation Labor     0.30     Hour     \$17.50     \$5.25     \$640.50       Machinery Labor     0.30     Hour     \$17.21     \$3.44     \$419.92       Diesel Fuel     Tractors/Self-Propelled     0.2     Hour     \$17.21     \$3.44     \$419.92       Diesel Fuel     Tractors/Self-Propelled     1.7     Gallon     \$3.60     \$6.12     \$746.64       Gasoline     Pickup/General Use Equipment     1     Acre     \$0.74     \$0.74     \$90.30       Irrigation Equipment     1     Acre     \$4.97     \$4.97     \$605.88       Indeterns Above Variable Costs:     Implements     1     Acre     \$4.97     \$607.73.392       Pickup/General Use Equipment     1     Acre     \$1.55     \$189.00     \$8.12	Fertilizer					
Glyphosate     22     Ounce     \$0.13     \$2.92     \$356.47       Seed     R.R. Alfalfa     25     pounds     \$8.50     \$212.50     \$25,925.00       Irrigation     Energy Cost     4.00     Acrelnch     \$8.93     \$35.74     \$4,359.69       Irrigation Labor     0.30     Hour     \$17.20     \$5.25     \$640.50       Machinery Labor     0.30     Hour     \$17.21     \$3.44     \$419.92       Diesel Fuel     Tractors/Self-Propelled     0.2     Hour     \$17.21     \$3.44     \$419.92       Gissoline     Tractors/Self-Propelled     1.7     Gallon     \$3.60     \$6.12     \$746.64       Gassoline     Tractors/Self-Propelled     1.     Acre     \$10.54     \$10.86.03     \$10.54     \$12.86.03       Irrigation Equipment     1     Acre     \$4.97     \$4.97     \$605.83       Implements     1     Acre     \$4.97     \$607.33.92     \$607.33.92     \$607.33.92     \$607.33.92     \$607.33.92     \$607.33.92     \$607.33.92     \$607.33.92     \$607.33.92 <td>Phos (11-52-0 DRY MAT)</td> <td>150</td> <td>Pounds</td> <td>\$1.29</td> <td>\$193.50</td> <td>\$23,607.00</td>	Phos (11-52-0 DRY MAT)	150	Pounds	\$1.29	\$193.50	\$23,607.00
Seed     R.R. Alfalfa     25     pounds     \$8.50     \$212.50     \$25,925.00       Irrigation     Energy Cost     4.00     AcreInch     \$8.83     \$35.74     \$4,356.69       Machinery Labor     0.30     Hour     \$17.50     \$5.25     \$640.50       Machinery Labor     0.30     Hour     \$17.21     \$3.44     \$419.92       Diesel Fuel     Tractors/Self-Propelled     0.2     Hour     \$17.21     \$3.44     \$419.92       Diesel Fuel     Tractors/Self-Propelled     1.7     Gallon     \$3.60     \$6.12     \$746.64       Gasoline     Pickup/General Use Equipment     1     Acre     \$0.74     \$90.30       Irrigation Equipment     1     Acre     \$0.74     \$90.30     \$122.59       Irrigation Equipment     1     Acre     \$4.81     \$4.81     \$56.33       Irrigation Equipment     1     Acre     \$4.97     \$605.88       Interest on Credit Line     8.00%     \$3.12     \$990.58       FixED COSTS     Quantity     Units     \$/Unit	Herbicide					
R.R. Alfalfa     25     pounds     \$8.50     \$212.50     \$25,925.00       Irrigation     Energy Cost     4.00     AcreInch     \$8.93     \$35.74     \$4,359.69       Irrigation Labor     0.30     Hour     \$17.50     \$5.25     \$640.50       Machinery Labor     0.30     Hour     \$17.71     \$3.44     \$419.92       Diesel Fuel     Tractors/Self-Propelled     0.2     Hour     \$17.71     \$3.44     \$419.92       Diesel Fuel     Tractors/Self-Propelled     1.7     Gallon     \$3.60     \$6.12     \$746.64       Gasoline     Pickup/General Use Equipment     1     Acre     \$0.74     \$0.74     \$90.30       Irrigation Equipment     1     Acre     \$10.54     \$11.286.03     \$12.856.33       Implements     1     Acre     \$4.97     \$4.97     \$60.733.92       Planned Returns Above Variable Costs:     n/a     Enterprise     \$497.82     \$60.733.92       Breakeven Price to Cover Variable Costs:     n/a     Enterprise     \$14.81     \$58.43     \$56.43     \$661.98	Glyphosate	22	Ounce	\$0.13	\$2.92	\$356.47
Irrigation   Energy Cost   4.00   AcreInch   \$8.93   \$35.74   \$4,359.69     Irrigation Labor   0.30   Hour   \$17.50   \$5.25   \$640.50     Machinery Labor   0.2   Hour   \$17.21   \$3.44   \$419.92     Diesel Fuel   Tractors/Self-Propelled   1.7   Gallon   \$3.60   \$6.12   \$746.64     Gasoline   Pickup/General Use Equipment   1   Acre   \$2.29   \$22.99   \$279.00     Repairs & Maintenance   Pickup/General Use Equipment   1   Acre   \$0.74   \$0.74   \$90.30     Tractors/Self-Propelled   1   Acre   \$4.81   \$44.81   \$566.33     Implements   1   Acre   \$4.97   \$4.97   \$605.88     Interest on Credit Line   5497.82   \$60,733.92   \$497.82   \$60,733.92     Planned Returns Above Variable Costs:   n/a   Enterprise   \$497.82   \$60,733.92     Pickup/General Use Equipment   1   Acre   \$1,265   \$1,503   \$1,833.33     Tractors/Self-Propelled   1   Acre   \$1,203   \$15.03   \$1,833.33	Seed					
Energy Cost Irrigation Labor     4.00     Acrelnch     \$8.93     \$35.74     \$4,359.69       Machinery Labor     0.30     Hour     \$17.50     \$5.25     \$640.50       Machinery Labor     Tractors/Self-Propelled     0.2     Hour     \$17.21     \$3.44     \$419.92       Diesel Fuel     Tractors/Self-Propelled     1.7     Gallon     \$3.60     \$6.12     \$746.64       Gasoline     Pickup/General Use Equipment     1     Acre     \$2.29     \$22.90     \$279.00       Repairs & Maintenance     Pickup/General Use Equipment     1     Acre     \$0.74     \$0.74     \$90.30       Tractors/Self-Propelled     1     Acre     \$10.54     \$11.286.03     Implements     \$1.286.03       Tractors/Self-Propelled     1     Acre     \$4.97     \$4.97     \$605.88       Interest on Credit Line     n/a     Implements     \$1.286.03     \$1.286.03     \$1.286.03       Tractors/Self-Propelled     1     Acre     \$1.55     \$1.89.00     \$8.12     \$990.58       Implements     1     Acre <td< td=""><td>R.R. Alfalfa</td><td>25</td><td>pounds</td><td>\$8.50</td><td>\$212.50</td><td>\$25,925.00</td></td<>	R.R. Alfalfa	25	pounds	\$8.50	\$212.50	\$25,925.00
Energy Cost Irrigation Labor     4.00     Acrelnch     \$8.93     \$35.74     \$4,359.69       Machinery Labor     0.30     Hour     \$17.50     \$5.25     \$640.50       Machinery Labor     Tractors/Self-Propelled     0.2     Hour     \$17.21     \$3.44     \$419.92       Diesel Fuel     Tractors/Self-Propelled     1.7     Gallon     \$3.60     \$6.12     \$746.64       Gasoline     Pickup/General Use Equipment     1     Acre     \$2.29     \$22.90     \$279.00       Repairs & Maintenance     Pickup/General Use Equipment     1     Acre     \$0.74     \$0.74     \$90.30       Tractors/Self-Propelled     1     Acre     \$10.54     \$11.286.03     Implements     \$1.286.03       Tractors/Self-Propelled     1     Acre     \$4.97     \$4.97     \$605.88       Interest on Credit Line     n/a     Implements     \$1.286.03     \$1.286.03     \$1.286.03       Tractors/Self-Propelled     1     Acre     \$1.55     \$1.89.00     \$8.12     \$990.58       Implements     1     Acre <td< td=""><td>Irrigation</td><td></td><td></td><td></td><td></td><td></td></td<>	Irrigation					
Irrigation Labor     0.30     Hour     \$17.50     \$5.25     \$640.50       Machinery Labor     Tractors/Self-Propelled     0.2     Hour     \$17.21     \$3.44     \$419.92       Diesel Fuel     Tractors/Self-Propelled     0.7     Gallon     \$3.60     \$6.12     \$746.64       Gasoline     Pickup/General Use Equipment     1     Acre     \$2.29     \$2.29     \$279.00       Repairs & Maintenance     Pickup/General Use Equipment     1     Acre     \$0.74     \$0.74     \$90.30       Irrigation Equipment     1     Acre     \$4.81     \$4.81     \$586.33       Implements     1     Acre     \$4.97     \$60.783.92     \$60.733.92       Planeed Returns Above Variable Costs     n/a     Enterprise     Enterprise     \$1.55     \$1.50     \$1.83.33       Tractors/Self-Propelled     1     Acre     \$5.43     \$60.733.92     \$1.50     \$1.50     \$1.50     \$1.50     \$1.83.33     Tractors/Self-Propelled     1     Acre     \$5.43     \$66.12     \$76.82     \$60.733.92       Planed Returns	5	4.00	AcreInch	\$8.93	\$35.74	\$4,359.69
Machinery Labor Tractors/Self-Propelled     0.2     Hour     \$17.21     \$3.44     \$419.92       Diesel Fuel Tractors/Self-Propelled     1.7     Gallon     \$3.60     \$6.12     \$746.64       Gasoline Pickup/General Use Equipment     1     Acre     \$2.29     \$22.9     \$279.00       Repairs & Maintenance Pickup/General Use Equipment     1     Acre     \$0.74     \$0.74     \$90.30       Irrigation Equipment     1     Acre     \$10.54     \$11,86.03     Tractors/Self-Propelled     1     Acre     \$407.82     \$605.83       Interest on Credit Line     84.97     \$4.97     \$605.83     \$447.82     \$607.733.92       Planned Returns Above Variable Costs     n/a     Enterprise     \$449.78.2     \$60,733.92       Breakeven Price to Cover Variable Costs     n/a     Enterprise     \$10.53     \$11.83     \$1.83     \$1.83     \$3.33       Tractors/Self-Propelled     1     Acre     \$1.55     \$189.00     \$17.93     \$1.833     \$3.33     \$1.833     \$3.33     \$5.43     \$66.12     \$75.42     \$66.22     \$75.42     \$66.22 </td <td></td> <td>0.30</td> <td>Hour</td> <td>\$17.50</td> <td>\$5.25</td> <td></td>		0.30	Hour	\$17.50	\$5.25	
Tractors/Self-Propelled     0.2     Hour     \$17.21     \$3.44     \$419.92       Diesel Fuel     Tractors/Self-Propelled     1.7     Gallon     \$3.60     \$6.12     \$746.64       Gasoline     Pickup/General Use Equipment     1     Acre     \$2.29     \$22.99     \$279.00       Repairs & Maintenance     Pickup/General Use Equipment     1     Acre     \$0.74     \$90.30       Irrigation Equipment     1     Acre     \$4.81     \$448.81     \$566.33       Implements     1     Acre     \$4.97     \$4.97     \$605.88       Interest on Credit Line     8.00%     \$8.12     \$990.58       Total Variable Costs     n/a     \$497.82     \$607.733.92       Planed Returns Above Variable Costs:     n/a     Enterprise       FIXED COSTS     Quantity     Units     \$/Unit     Total       Machinery Depreciation     1     Acre     \$1.55     \$189.00       Irrigation Equipment     1     Acre     \$5.43     \$661.98       Implements     1     Acre     \$5.43     \$5						
Diesel Fuel     Tractors/Self-Propelled     1.7     Gallon     \$3.60     \$6.12     \$746.64       Gasoline     Pickup/General Use Equipment     1     Acre     \$2.29     \$22.90     \$279.00       Repairs & Maintenance     Pickup/General Use Equipment     1     Acre     \$0.74     \$0.74     \$90.30       Irrigation Equipment     1     Acre     \$10.54     \$10.54     \$11.286.33       Indeptendent     1     Acre     \$4.81     \$4.81     \$566.33       Interest on Credit Line     8.00%     \$8.12     \$990.58     \$128990.58       Total Variable Costs     n/a     Enterprise     \$497.82     \$60,733.92       Planned Returns Above Variable Costs:     n/a     Enterprise     \$1.55     \$1.55     \$189.00       Irrigation Equipment     1     Acre     \$1.503     \$15.03     \$1.833.33       Tractors/Self-Propelled     1     Acre     \$5.43     \$661.98       Implements     1     Acre     \$5.43     \$5.63     \$1.603     \$1.833.33       Tractors/Self-Propelled     1 <td>,</td> <td>0.2</td> <td>Hour</td> <td>\$17.21</td> <td>\$3.44</td> <td>\$419.92</td>	,	0.2	Hour	\$17.21	\$3.44	\$419.92
Tractors/Self-Propelled     1.7     Gallon     \$3.60     \$6.12     \$746.64       Gasoline     Pickup/General Use Equipment     1     Acre     \$2.29     \$2.29     \$279.00       Repairs & Maintenance     Pickup/General Use Equipment     1     Acre     \$0.74     \$0.74     \$90.30       Irrigation Equipment     1     Acre     \$4.81     \$\$4.81     \$\$4.81     \$\$4.81     \$\$4.97     \$\$605.38       Interest on Credit Line     Acre     \$4.97     \$\$4.97     \$\$607.33.92     \$\$2497.82     \$\$607.33.92       Planned Returns Above Variable Costs:     n/a     Enterprise     \$\$497.82     \$\$60,73.92     \$\$\$497.82     \$\$60,73.92     \$\$\$497.82     \$\$60,73.92     \$\$\$\$497.82     \$\$60,73.92     \$	•	012	noui	<i><i><i>q</i></i> · <i>r</i> · <i>z</i> ·</i>	<i>q</i> orri	\$E
Gasoline     Pickup/General Use Equipment     1     Acre     \$2.29     \$2.29     \$279.00       Repairs & Maintenance     Pickup/General Use Equipment     1     Acre     \$0.74     \$0.74     \$90.30       Irrigation Equipment     1     Acre     \$10.54     \$10.54     \$11.286.03       Tractors/Self-Propelled     1     Acre     \$4.81     \$4.81     \$586.33       Implements     1     Acre     \$4.97     \$4.97     \$605.88       Total Variable Costs     \$2.99.58     \$497.82     \$60,733.92     \$497.82     \$60,733.92       Planned Returns Above Variable Costs:     n/a     Enterprise     \$497.82     \$60,733.92       Breakeven Price to Cover Variable Costs:     n/a     Enterprise     \$497.82     \$60,733.92       Irrigation Equipment     1     Acre     \$1.55     \$189.00     Irrigation Equipment     1     Acre     \$1.55     \$189.00       Irrigation Equipment     1     Acre     \$1.55     \$1.503     \$1.33.33     Tractors/Self-Propelled     1     Acre     \$5.43     \$5.61.38		17	Gallon	\$3.60	\$6.12	\$746 64
Pickup/General Use Equipment     1     Acre     \$2.29     \$2.29     \$279.00       Repairs & Maintenance     Pickup/General Use Equipment     1     Acre     \$0.74     \$0.74     \$90.30       Irrigation Equipment     1     Acre     \$10.54     \$11.264     \$11,286.03       Tractors/Self-Propelled     1     Acre     \$4.81     \$4.81     \$586.33       Implements     1     Acre     \$4.97     \$4.97     \$4.97     \$605.83       Total Variable Costs     \$497.82     \$60,733.92     \$60,733.92     \$60,733.92     \$1014     \$1054     \$1,55     \$1.89.00     \$10,733.92     \$100,733.92     \$1014     \$1015     \$1015     \$1015     \$1015     \$1015     \$1014     \$1015     \$1014     \$1015     \$1001     \$10000     \$1000     \$1000     <			Gunon	φ0.00	<b>Q0.12</b>	¢740.04
Repairs & Maintenance   Pickup/General Use Equipment   1   Acre   \$0.74   \$0.74   \$90.30     Irrigation Equipment   1   Acre   \$10.54   \$10.54   \$10.54   \$12.86.33     Irractors/Self-Propelled   1   Acre   \$4.81   \$\$86.33   Implements   1   Acre   \$4.97   \$605.88     Interest on Credit Line   8.00%   \$8.12   \$990.58   \$497.82   \$60,733.92     Planned Returns Above Variable Costs:   r/a   \$10.54   \$10.54   \$10.55   \$10.55   \$60,733.92     Planned Returns Above Variable Costs:   n/a   \$10.55   \$10.55   \$60,733.92   \$10.90   \$60,733.92   \$10.90   \$10.90   \$60,733.92   \$10.90 <td< td=""><td></td><td>1</td><td>Acre</td><td>\$2.29</td><td>\$2.29</td><td>\$279.00</td></td<>		1	Acre	\$2.29	\$2.29	\$279.00
Pickup/General Use Equipment   1   Acre   \$0.74   \$0.74   \$90.30     Irrigation Equipment   1   Acre   \$10.54   \$10.54   \$10.54   \$1286.03     Tractors/Self-Propelled   1   Acre   \$4.81   \$4.81   \$586.33     Implements   1   Acre   \$4.97   \$4.97   \$60.58     Total Variable Costs   \$8.00%   \$8.12   \$990.58     Total Variable Costs   \$497.82   \$60,733.92     Planned Returns Above Variable Costs:   n/a   Enterprise     FIXED COSTS   Quantity   Units   \$/Unit   Total     Machinery Depreciation   1   Acre   \$1.55   \$1.55   \$189.00     Irrigation Equipment   1   Acre   \$1.53   \$1.633.33   \$1,833.33     Tractors/Self-Propelled   1   Acre   \$6.22   \$56.22   \$758.42     Equipment Investment   1   Acre   \$6.22   \$578.42   \$401.98     Implements   1   Acre   \$6.22   \$578.42   \$401.98   \$10.00   \$17.33.92   \$18.033.33   \$18.33.33   \$18.23.99			Acie	ψ2.20	Ψ2.20	φ275.00
Irrigation Equipment   1   Acre   \$10.54   \$10.54   \$1,286.03     Tractors/Self-Propelled   1   Acre   \$4.81   \$4.81   \$586.33     Implements   1   Acre   \$4.97   \$4.97   \$605.88     Total Variable Costs   \$4.97   \$4.97   \$607.33.92     Planned Returns Above Variable Costs:   \$497.82   \$60,733.92     Breakeven Price to Cover Variable Costs:   n/a   Enterprise     FIXED COSTS   Quantity   Units   \$/Unit   Total     Machinery Depreciation   n/a   Enterprise   1   Acre   \$1.55   \$189.00     Irrigation Equipment   1   Acre   \$1.55   \$1.55   \$189.00     Irrigation Equipment   1   Acre   \$1.53   \$1.833.33     Tractors/Self-Propelled   1   Acre   \$5.43   \$5.43   \$661.38     Implements   1   Acre   \$6.22   \$6.22   \$758.42     Equipment Investment   1   Acre   \$6.22   \$6.22   \$758.42     Implements   \$12.70   Dollars   \$.00%   \$3.36		1	Aara	¢0 74	¢0 74	¢00.20
Tractors/Self-Propelled   1   Acre   \$4.81   \$4.81   \$586.33     Implements   1   Acre   \$4.97   \$4.97   \$605.88     Interest on Credit Line   8.00%   \$8.12   \$990.58     Total Variable Costs   \$497.82   \$60,733.92     Planned Returns Above Variable Costs:   n/a   \$497.82   \$60,733.92     Breakeven Price to Cover Variable Costs:   n/a   Enterprise     FIXED COSTS   Quantity   Units   \$/Unit   Total     Machinery Depreciation   1   Acre   \$1.55   \$1189.00     Irrigation Equipment   1   Acre   \$1.55   \$189.03     Implements   1   Acre   \$1.55   \$189.00     Irrigation Equipment   1   Acre   \$1.503   \$18.33.33     Tractors/Self-Propelled   1   Acre   \$6.22   \$6.22   \$758.42     Equipment Investment   Pickup/General Use Equipment   \$9.47   Dollars   \$0.00%   \$9.02   \$1,100.00     Tractors/Self-Propelled   \$42.06   Dollars   \$0.0%   \$2.13   \$259.55     Rent-Irr		-				
Implements     1     Acre     \$4.97     \$605.88       Interest on Credit Line     8.00%     \$8.12     \$990.58       Total Variable Costs     \$497.82     \$60,733.92       Planned Returns Above Variable Costs:     (\$497.82)     (\$60,733.92)       Breakeven Price to Cover Variable Costs:     n/a     Enterprise       FIXED COSTS     Quantity     Units     \$/Unit     Total       Machinery Depreciation     1     Acre     \$1.55     \$1.55     \$189.00       Irrigation Equipment     1     Acre     \$15.03     \$15.03     \$1,833.33       Tractors/Self-Propelled     1     Acre     \$661.22     \$622     \$758.42       Equipment Investment     Pickup/General Use Equipment     \$9.47     Dollars     \$00%     \$3.36     \$410.48       Implements     \$26.59     Dollars     \$00%     \$2.13     \$259.55       Rent-Irrigated Crop     1     Acre     \$70.00     \$8,540.00       Total Fixed Costs     \$26.59     Dollars     \$00%     \$2.13     \$259.55       Returns Above Specif		-				
Interest on Credit Line 8.00% \$8.12 \$990.58 Total Variable Costs Planned Returns Above Variable Costs: Breakeven Price to Cover Variable Costs n/a FIXED COSTS Quantity Units \$/Unit Total Machinery Depreciation Pickup/General Use Equipment 1 Acre \$1.55 \$1.55 \$189.00 Irrigation Equipment 1 Acre \$15.03 \$15.03 \$1,833.33 Tractors/Self-Propelled 1 Acre \$5.43 \$5.43 \$661.98 Implements 1 Acre \$6.22 \$6.22 \$758.42 Equipment Investment Pickup/General Use Equipment \$9.47 Dollars 8.00% \$0.76 \$92.40 Irrigation Equipment \$112.70 Dollars 8.00% \$3.36 \$410.48 Implements \$26.59 Dollars 8.00% \$2.13 \$259.55 Rent-Irrigated Crop 1 Acre \$70.00 \$70.00 \$8,540.00 Total Fixed Costs \$113.03 \$74,579.08 Returns Above Specified Costs \$(\$611.30) (\$74,579.08)	•	-				1
Total Variable Costs\$		I	Acre			
Planned Returns Above Variable Costs: Breakeven Price to Cover Variable Costs(\$497.82)(\$60,733.92)FIXED COSTSQuantityUnits\$/UnitEnterpriseMachinery Depreciation Pickup/General Use Equipment1Acre\$1.55\$1.55\$189.00Irrigation Equipment1Acre\$15.03\$15.03\$1,833.33Tractors/Self-Propelled1Acre\$6.22\$6.22\$758.42Equipment Investment Pickup/General Use Equipment\$9.47Dollars8.00%\$0.76\$92.40Irrigation Equipment\$112.70Dollars8.00%\$3.36\$410.48Implements\$26.59Dollars8.00%\$2.13\$259.55Rent-Irrigated Crop1Acre\$70.00\$8,540.00Total Fixed Costs\$113.48\$113,845.16\$611.30\$74,579.08Returns Above Specified Costs(\$611.30)(\$74,579.08)				8.00%		
Breakeven Price to Cover Variable Costsn/aFIXED COSTSQuantityUnits\$/UnitEnterpriseMachinery Depreciation Prickup/General Use Equipment1Acre\$1.55\$1.55\$189.00Irrigation Equipment1Acre\$15.03\$15.03\$1,833.33Tractors/Self-Propelled1Acre\$6.22\$6.22\$758.42Equipment Investment1Acre\$6.22\$6.22\$758.42Pickup/General Use Equipment\$9.47Dollars8.00%\$9.02\$1,100.00Tractors/Self-Propelled\$42.06Dollars8.00%\$2.13\$259.55Rent-Irrigated Crop1Acre\$70.00\$8,540.00Total Fixed Costs\$113.48\$113,845.16\$611.30\$74,579.08Returns Above Specified Costs(\$611.30)(\$74,579.08)				_		
FIXED COSTSQuantityUnits\$/UnitEnterprise TotalMachinery Depreciation Pickup/General Use Equipment1Acre\$1.55\$1.55\$189.00Irrigation Equipment1Acre\$15.03\$15.03\$1,833.33Tractors/Self-Propelled1Acre\$5.43\$5.43\$661.98Implements1Acre\$6.22\$6.22\$758.42Equipment Investment112.70Dollars8.00%\$0.76\$92.40Irrigation Equipment\$112.70Dollars8.00%\$3.36\$410.48Implements\$26.59Dollars8.00%\$2.13\$259.55Rent-Irrigated Crop1Acre\$70.00\$8,540.00Total Fixed Costs\$113.48\$113,845.16\$611.30\$74,579.08Returns Above Specified Costs\$(\$611.30)\$74,579.08)					(\$497.82)	(\$60,733.92)
FIXED COSTS     Quantity     Units     \$/Unit     Total       Machinery Depreciation Pickup/General Use Equipment     1     Acre     \$1.55     \$1.55     \$189.00       Irrigation Equipment     1     Acre     \$15.03     \$15.03     \$1,833.33       Tractors/Self-Propelled     1     Acre     \$5.43     \$5.43     \$661.98       Implements     1     Acre     \$6.22     \$6.22     \$758.42       Equipment Investment     ************************************	Breakeven Price to Cover Variable Costs			n/a		
Machinery Depreciation     Nachinery Depreciation       Pickup/General Use Equipment     1     Acre     \$1.55     \$1.55     \$189.00       Irrigation Equipment     1     Acre     \$15.03     \$15.03     \$1.833.33       Tractors/Self-Propelled     1     Acre     \$5.43     \$5.43     \$661.98       Implements     1     Acre     \$6.22     \$6.22     \$7758.42       Equipment Investment     Pickup/General Use Equipment     \$9.47     Dollars     8.00%     \$9.02     \$11,00.00       Tractors/Self-Propelled     \$42.06     Dollars     8.00%     \$3.36     \$4410.48       Implements     \$26.59     Dollars     8.00%     \$2.13     \$259.55       Rent-Irrigated Crop     1     Acre     \$70.00     \$8,540.00       Total Fixed Costs     \$113.48     \$13,845.16     \$611.30     \$74,579.08       Returns Above Specified Costs     \$(\$611.30)     \$74,579.08)						•
Pickup/General Use Equipment     1     Acre     \$1.55     \$1.89.00       Irrigation Equipment     1     Acre     \$15.03     \$15.03     \$183.33       Tractors/Self-Propelled     1     Acre     \$5.43     \$5.43     \$661.98       Implements     1     Acre     \$6.22     \$6.22     \$758.42       Equipment Investment     Pickup/General Use Equipment     \$9.47     Dollars     8.00%     \$9.02     \$11,00.00       Tractors/Self-Propelled     \$42.06     Dollars     8.00%     \$3.36     \$410.48       Implements     \$26.59     Dollars     8.00%     \$2.13     \$259.55       Rent-Irrigated Crop     1     Acre     \$70.00     \$8,540.00       Total Fixed Costs     \$113.48     \$13,845.16     \$611.30     \$74,579.08       Returns Above Specified Costs     \$(\$611.30)     \$74,579.08)     \$611.30)     \$74,579.08		Quantity	Units	\$/Unit		Total
Irrigation Equipment     1     Acre     \$15.03     \$15.03     \$1,833.33       Tractors/Self-Propelled     1     Acre     \$5.43     \$5.43     \$661.98       Implements     1     Acre     \$6.22     \$6.22     \$758.42       Equipment Investment     Pickup/General Use Equipment     \$9.47     Dollars     8.00%     \$9.02     \$11,00.00       Tractors/Self-Propelled     \$42.06     Dollars     8.00%     \$3.36     \$410.48       Implements     \$26.59     Dollars     8.00%     \$2.13     \$259.55       Rent-Irrigated Crop     1     Acre     \$70.00     \$8,540.00       Total Fixed Costs     \$113.48     \$13,845.16     \$611.30     \$74,579.08       Returns Above Specified Costs     \$(\$611.30)     \$74,579.08)     \$611.30)     \$74,579.08						
Tractors/Self-Propelled     1     Acre     \$5.43     \$5.43     \$661.98       Implements     1     Acre     \$6.22     \$6.22     \$758.42       Equipment Investment     Pickup/General Use Equipment     \$9.47     Dollars     8.00%     \$9.76     \$92.40       Irrigation Equipment     \$112.70     Dollars     8.00%     \$9.02     \$1,100.00       Tractors/Self-Propelled     \$42.06     Dollars     8.00%     \$3.36     \$410.48       Implements     \$26.59     Dollars     8.00%     \$2.13     \$259.55       Rent-Irrigated Crop     1     Acre     \$70.00     \$8,540.00       Total Fixed Costs     \$113.48     \$13,845.16     \$611.30     \$74,579.08       Returns Above Specified Costs     \$(\$611.30)     \$74,579.08)     \$611.30)     \$74,579.08			Acre	\$1.55	\$1.55	\$189.00
Implements     1     Acre     \$6.22     \$6.22     \$758.42       Equipment Investment     Pickup/General Use Equipment     \$9.47     Dollars     8.00%     \$0.76     \$92.40       Irrigation Equipment     \$112.70     Dollars     8.00%     \$9.02     \$1,100.00       Tractors/Self-Propelled     \$42.06     Dollars     8.00%     \$3.36     \$4410.48       Implements     \$26.59     Dollars     8.00%     \$2.13     \$259.55       Rent-Irrigated Crop     1     Acre     \$70.00     \$8,540.00       Total Fixed Costs     \$113.48     \$13,845.16       Total Specified Costs     \$611.30     \$74,579.08       Returns Above Specified Costs     \$(\$611.30)     \$74,579.08)	0 1 1	-	Acre	\$15.03	\$15.03	\$1,833.33
Equipment Investment     \$9.47     Dollars     8.00%     \$0.76     \$92.40       Irrigation Equipment     \$112.70     Dollars     8.00%     \$9.02     \$1,100.00       Tractors/Self-Propelled     \$42.06     Dollars     8.00%     \$3.36     \$410.48       Implements     \$26.59     Dollars     8.00%     \$2.13     \$259.55       Rent-Irrigated Crop     1     Acre     \$70.00     \$8,540.00       Total Fixed Costs     \$113.48     \$113.48.516     \$611.30     \$74,579.08       Returns Above Specified Costs     \$(\$611.30)     \$74,579.08)     \$(\$74,579.08)     \$(\$74,579.08)	Tractors/Self-Propelled		Acre	\$5.43	\$5.43	\$661.98
Pickup/General Use Equipment     \$9.47     Dollars     8.00%     \$0.76     \$92.40       Irrigation Equipment     \$112.70     Dollars     8.00%     \$9.02     \$11,100.00       Tractors/Self-Propelled     \$42.06     Dollars     8.00%     \$3.36     \$410.48       Implements     \$26.59     Dollars     8.00%     \$2.13     \$259.55       Rent-Irrigated Crop     1     Acre     \$70.00     \$8,540.00       Total Fixed Costs     \$113.48     \$13,845.16     \$611.30     \$74,579.08       Returns Above Specified Costs     \$(\$611.30)     \$74,579.08)     \$(\$74,579.08)     \$(\$74,579.08)	Implements	1	Acre	\$6.22	\$6.22	\$758.42
Irrigation Equipment     \$112.70     Dollars     8.00%     \$9.02     \$1,100.00       Tractors/Self-Propelled     \$42.06     Dollars     8.00%     \$3.36     \$410.48       Implements     \$26.59     Dollars     8.00%     \$2.13     \$259.55       Rent-Irrigated Crop     1     Acre     \$70.00     \$8,540.00       Total Fixed Costs     1     Acre     \$113.48     \$13,845.16       Total Specified Costs     \$611.30     \$74,579.08	Equipment Investment					
Tractors/Self-Propelled     \$42.06     Dollars     8.00%     \$3.36     \$410.48       Implements     \$26.59     Dollars     8.00%     \$2.13     \$259.55       Rent-Irrigated Crop     1     Acre     \$70.00     \$8,540.00       Total Fixed Costs     \$113.48     \$13,845.16     \$611.30     \$74,579.08       Returns Above Specified Costs     \$(\$611.30)     \$(\$74,579.08)     \$(\$74,579.08)	Pickup/General Use Equipment	\$9.47	Dollars	8.00%	\$0.76	\$92.40
Implements     \$26.59     Dollars     8.00%     \$2.13     \$259.55       Rent-Irrigated Crop     1     Acre     \$70.00     \$8,540.00       Total Fixed Costs     \$113.48     \$13,845.16     \$611.30     \$74,579.08       Returns Above Specified Costs     \$(\$611.30)     \$(\$74,579.08)     \$(\$74,579.08)     \$(\$74,579.08)	Irrigation Equipment	\$112.70	Dollars	8.00%	\$9.02	\$1,100.00
Rent-Irrigated Crop     1     Acre     \$70.00     \$8,540.00       Total Fixed Costs     \$113.48     \$13,845.16       Total Specified Costs     \$611.30     \$74,579.08       Returns Above Specified Costs     \$(\$611.30)     \$74,579.08)	Tractors/Self-Propelled	\$42.06	Dollars	8.00%	\$3.36	\$410.48
Rent-Irrigated Crop     1     Acre     \$70.00     \$8,540.00       Total Fixed Costs     \$113.48     \$13,845.16       Total Specified Costs     \$611.30     \$74,579.08       Returns Above Specified Costs     \$(\$611.30)     \$74,579.08)	Implements	\$26.59	Dollars	8.00%	\$2.13	\$259.55
Total Specified Costs     \$611.30     \$74,579.08       Returns Above Specified Costs     (\$611.30)     (\$74,579.08)	Rent-Irrigated Crop	1	Acre	\$70.00	\$70.00	\$8,540.00
Returns Above Specified Costs (\$611.30) (\$74,579.08)	Total Fixed Costs				\$113.48	\$13,845.16
				_		
Breakeven Price to Cover Total Costs n/a	Returns Above Specified Costs				(\$611.30)	(\$74,579.08)
	Breakeven Price to Cover Total Costs			n/a		

		Example Breakeven Prices				
Example	Example	To Cover	To Cover			
Yield	Yield	Variable	Total			
Percent		Costs	Costs			
75%	0.00	\$0.00	\$0.00			
90%	0.00	\$0.00	\$0.00			
100%	0.00	\$0.00	\$0.00			
110%	0.00	\$0.00	\$0.00			
125%	0.00	\$0.00	\$0.00			

Developed by Jeffrey Wright, Assistant Professor and Extension Economist, Texas A&M AgriLife Extension Service, 325-653-4576.

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.