

## **Budgeting Decision Tools**

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# Enterprise Budget

 Detailed representation of revenues, costs, and profits associated with the production of agricultural products.

REVENUES

- EXPENSES

**PROFIT** 



## Determining Your Numbers

- It is essential to keep records
  - Yields
  - Price received
  - Production activities
  - Input prices
  - Input quantities
- Consistent estimates require at least two production cycles

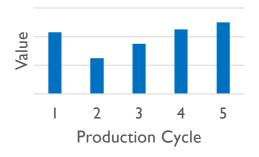


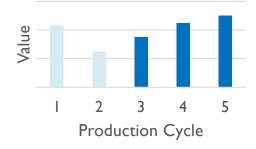
## **Production Records To Use**

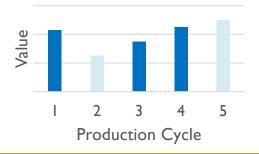
- Grand Average:
  - All records

- Rolling Average:
  - Most recent

- "Olympic" Average:
  - Eliminate top and bottom









## **Cost Allocation Considerations**

- Single farm with different enterprises
- Same inputs are used by several enterprises
- Define the appropriate units:
  - Unit of area:
    - per acre, plot, greenhouse
  - Unit of product:
    - per Ton, per head, per bushel



	Crop Acres	100				
_						Enterprise
F	REVENUE	Quantity	Units	\$/Unit	Total	Total
Revenue -	Corn	140.00	Bushel	\$4.32	\$604.80	\$60,480.00
Revenue	Total Revenue				\$604.80	\$60,480.00
L						Enterprise
_	VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Total
	Production Costs					
	Custom					
	Custom Harvest Corn	140	Bushel	\$0.33	\$46.20	\$4.620.00
	Custom Haul Corn	140	Bushel	\$0.16	\$22.40	\$2,240.00
	Fertilizer				4	<del></del>
	UAN (32% N)	2.6	CWT	\$14.00	\$36.40	\$3,640,00
	Herbicide				400	40,010.00
	AAtrex 4L	2	Pint	\$2.35	\$4.71	\$470.80
	Seed	_		42.00	*****	*
	Corn Seed	25	Thousand	\$2.61	\$65.25	\$6,525.00
	Miscellaneous			4=	400.20	40,020.00
	Insurance, Corn	1	Acre	\$7.50	\$7.50	\$750.00
	Other Labor		71010	41.00	Ç1.50	Q1 00.00
	Unallocated Labor	0.4736	Hour	\$12.00	\$5.68	\$568.32
	Irrigation	0.4100		Ų 12.00	40.00	\$000.0E
	Water Cost	0.80	Acre/Foot	\$20.00	\$16.00	\$1,600.00
	Irrigation Labor	2.20	Hour	\$12.00	\$26.40	\$2,640.00
	Machinery Labor	2.20	riodi	Q12.00	Q20.40	QZ,040.00
	Tractors/Self-Propelled	1.02	Hour	\$12.00	\$12.24	\$1,224.00
	Diesel Fuel	1.02	riodi	\$12.00	\$12.E4	\$1,224.00
	Tractors/Self-Propelled	5.75	Gallon	\$2.10	\$12.08	\$1,207.50
Expenses	Repairs & Maintenance	3.73	Gallott	<b>\$2.10</b>	\$12.00	\$1,207.50
· .	Tractors/Self-Propelled	1	Acre	\$10.40	\$10.40	\$1,039.51
	Implements	- 1	Acre	\$13.98	\$13.98	\$1,397.69
	Interest on Credit Line		Acre	5.00%	\$4.00	\$399.71
	Total Variable Costs			3.00%	\$283.23	\$28,322.53
	Planned Returns Above Variable Costs: Breakeven Price to Cover Variable Costs			\$2.02	\$321.57 Bushel	\$32,157.47
	Breakeven Price to Cover variable Costs			\$2.02	Busnei	Enternoles
	FIVED COOTS	0		0.01-14	Total	Enterprise
	FIXED COSTS	Quantity	Units	\$/Unit	Total	Total
	Machinery Depreciation			640.74	040.74	64 674 46
	Tractors/Self-Propelled	1	Acre	\$10.74	\$10.74	\$1,074.16
	Implements	1	Acre	\$16.30	\$16.30	\$1,630.41
	Equipment Investment		D . II	7.000/		*****
	Tractors/Self-Propelled	\$83.68	Dollars	7.00%	\$5.86	\$585.76
	Implements	\$78.80	Dollars	7.00%	\$5.52	\$551.59
	Total Fixed Costs				\$38.42	\$3,841.91
	Total Specified Costs				\$321.64	\$32,164.45
	•				· ·	
	Returns Above Specified Costs				\$283.16	\$28,315.55
_	Breakeven Price to Cover Total Costs			\$2.30	Bushel	



		Crop Acres	100				
							Enterprise
		REVENUE	Quantity	Units	\$/Unit	Total	Total
		Corn	140.00	Bushel	\$4.32	\$604.80	\$60,480.00
		Total Revenue				\$604.80	\$60,480.00 Enterprise
		VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Total
		Production Costs					
		Custom					
		Custom Harvest Corn	140	Bushel	\$0.33	\$46.20	\$4,620.00
		Custom Haul Corn	140	Bushel	\$0.16	\$22.40	\$2,240.00
		Fertilizer		014/7		***	
		UAN (32% N)	2.6	CWT	\$14.00	\$36.40	\$3,640.00
		Herbicide	2	Dist	60.05	64.74	6470.00
		AAtrex 4L	2	Pint	\$2.35	\$4.71	\$470.80
		Seed Corn Seed	25	Thousand	\$2.61	\$65.25	\$6,525.00
		Miscellaneous	23	illousaliu	\$2.01	\$00.20	\$0,525.00
		Insurance, Corn	1	Acre	\$7.50	\$7.50	\$750.00
/orioble		Other Labor		Acre	\$7.50	\$7.50	\$750.00
∕ariable		Unallocated Labor	0.4736	Hour	\$12.00	\$5.68	\$568.32
<b>~</b> (	7	Irrigation	0.4730	Hou	\$12.00	\$5.00	φ300.32
Costs		Water Cost	0.80	Acre/Foot	\$20.00	\$16.00	\$1,600.00
		Irrigation Labor	2.20	Hour	\$12.00	\$26.40	\$2,640.00
		Machinery Labor	2.20	riodi	Q12.00	Q20.40	QZ,040.00
		Tractors/Self-Propelled	1.02	Hour	\$12.00	\$12.24	\$1,224.00
		Diesel Fuel			4.2.00	V.2.2.	V1,221.00
		Tractors/Self-Propelled	5.75	Gallon	\$2.10	\$12.08	\$1,207,50
		Repairs & Maintenance	00	Canon	42.10	Ų.12.00	V1,201.00
		Tractors/Self-Propelled	1	Acre	\$10.40	\$10.40	\$1,039.51
		Implements	1	Acre	\$13.98	\$13.98	\$1,397.69
		Interest on Credit Line			5.00%	\$4.00	\$399.71
		Total Variable Costs				\$283.23	\$28,322.53
		Planned Returns Above Variable Costs:				\$321.57	\$32,157,47
	L	Breakeven Price to Cover Variable Costs			\$2.02	Bushel	40-,101111
							Enterprise
	_	FIXED COSTS	Quantity	Units	\$/Unit	Total	Total
		Machinery Depreciation					
		Tractors/Self-Propelled	1	Acre	\$10.74	\$10.74	\$1,074.16
		Implements	1	Acre	\$16.30	\$16.30	\$1,630.41
		Equipment Investment					
Fixed		Tractors/Self-Propelled	\$83.68	Dollars	7.00%	\$5.86	\$585.76
	4	Implements	\$78.80	Dollars	7.00%	\$5.52	\$551.59
Costs		Total Fixed Costs				\$38.42	\$3,841.91
<b>UU313</b>		Total Specified Costs				\$321.64	\$32,164.45
							<u> </u>
		Returns Above Specified Costs				\$283.16	\$28,315.55
		Barriera Birriera Commentation :				D b . d	
		Breakeven Price to Cover Total Costs			\$2.30	Bushel	



Crop Acres

Inputs\_

100

Enterprise

	1				Litterprise
REVENUE	Quantity	Units	\$/Unit	Total	Total
Corn	140.00	Bushel	\$4.32	\$604.80	\$60,480.00
Total Revenue				\$604.80	\$60,480.00
					Enterprise
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Total
Production Costs					
Custom					
Custom Harvest Corn	140	Bushel	\$0.33	\$46.20	\$4,620.00
Custom Haul Corn	140	Bushel	\$0.16	\$22.40	\$2,240.00
Fertilizer					. ,
UAN (32% N)	2.6	CWT	\$14.00	\$36.40	\$3,640.00
Herbicide					
AAtrex 4L	2	Pint	\$2.35	\$4.71	\$470.80
Seed					
Corn Seed	25	Thousand	\$2.61	\$65.25	\$6,525.00
Miscellaneous					
Insurance, Corn	1	Acre	\$7.50	\$7.50	\$750.00
Other Labor				******	*********
Unallocated Labor	0.4736	Hour	\$12.00	\$5.68	\$568.32
Irrigation				, , , ,	******
Water Cost	0.80	Acre/Foot	\$20.00	\$16.00	\$1,600.00
Irrigation Labor	2.20	Hour	\$12.00	\$26.40	\$2,640.00
Machinery Labor					, ,, , , , , , , , , , , , , , , , , , ,
Tractors/Self-Propelled	1.02	Hour	\$12.00	\$12.24	\$1,224.00
Diesel Fuel					**,
Tractors/Self-Propelled	5.75	Gallon	\$2.10	\$12.08	\$1,207.50
Repairs & Maintenance			,	*	*-,
Tractors/Self-Propelled	1	Acre	\$10.40	\$10.40	\$1,039.51
Implements	1	Acre	\$13.98	\$13.98	\$1,397.69
Interest on Credit Line			5.00%	\$4.00	\$399.71
Total Variable Costs				\$283.23	\$28,322.53
Planned Returns Above Variable Costs:				\$321.57	\$32,157,47
Breakeven Price to Cover Variable Costs			\$2.02	Bushel	402,101.41
			<b>4</b>		Enterprise
FIXED COSTS	Quantity	Units	S/Unit	Total	Total
Machinery Depreciation					
Tractors/Self-Propelled	1	Acre	\$10.74	\$10.74	\$1,074.16
Implements	1	Acre	\$16.30	\$16.30	\$1,630,41
Equipment Investment			*******	*******	**,,
Tractors/Self-Propelled	\$83.68	Dollars	7.00%	\$5.86	\$585.76
Implements	\$78.80	Dollars	7.00%	\$5.52	\$551.59
Total Fixed Costs				\$38.42	\$3,841.91
Total Specified Costs				\$321.64	\$32,164.45
				402	+,
Returns Above Specified Costs				\$283.16	\$28,315.55
retains Above openied Costs				φ203.10	φ£0,515.55
Breakeven Price to Cover Total Costs			\$2.30	Bushel	
Dicareveri i rice to cover rotal costs			φ£.30	Dubilei	



	Crop Acres	100				
						Enterprise
	REVENUE	Quantity	Units	\$/Unit	Total	Total
	Corn	140.00	Bushel	\$4.32	\$604.80	\$60,480.00
	Total Revenue				\$604.80	\$60,480.00
						Enterprise
	VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Total
	Production Costs					
	Custom	440	Developed		***	64 666 66
	Custom Harvest Corn	140	Bushel	\$0.33	\$46.20	\$4,620.00
	Custom Haul Corn	140	Bushel	\$0.16	\$22.40	\$2,240.00
		0.0	CIAIT	644.00	606.40	60 640 00
	UAN (32% N)	2.6	CWT	\$14.00	\$36.40	\$3,640.00
	Herbicide AAtrex 4L	2	Pint	\$2.35	\$4.71	\$470.80
	Seed Seed		Pint	\$2.35	\$4.71	\$470.80
	Corn Seed	25	Thousand	\$2.61	\$65.25	\$6,525.00
Quantities	Miscellaneous	25	Housand	\$2.01	\$05.25	\$0,525.00
Qualitities	Insurance, Corn	1	Acre	\$7.50	\$7.50	\$750.00
Used	Other Labor	'	Acre	\$7.50	\$7.50	\$750.00
USEU	Unallocated Labor	0.4736	Hour	\$12.00	\$5.68	\$568.32
	Irrigation	0.4730	Houi	\$12.00	\$5.00	φ300.32
	Water Cost	0.80	Acre/Foot	\$20.00	\$16.00	\$1,600.00
	Irrigation Labor	2.20	Hour	\$12.00	\$26.40	\$2,640.00
	Machinery Labor	2.20	Hour	\$12.00	920.40	\$2,040.00
	Tractors/Self-Propelled	1.02	Hour	\$12.00	\$12.24	\$1,224,00
	Diesel Fuel	1.02	riodi	\$12.00	\$12.24	\$1,224.00
	Tractors/Self-Propelled	5.75	Gallon	\$2.10	\$12.08	\$1,207.50
	Repairs & Maintenance	0.70	Gallott	92.10	\$12.00	\$1,207.50
	Tractors/Self-Propelled	1	Acre	\$10.40	\$10.40	\$1,039,51
	Implements	i	Acre	\$13.98	\$13.98	\$1,397.69
	Interest on Credit Line			5.00%	\$4.00	\$399.71
	Total Variable Costs				\$283.23	\$28,322.53
	Planned Returns Above Variable Costs:			-	\$321.57	\$32,157.47
	Breakeven Price to Cover Variable Costs			\$2.02 B	ushel	402,101111
				,		Enterprise
	FIXED COSTS	Quantity	Units	\$/Unit	Total	Total
	Machinery Depreciation					
	Tractors/Self-Propelled	1	Acre	\$10.74	\$10.74	\$1,074.16
	Implements	1	Acre	\$16.30	\$16.30	\$1,630.41
	Equipment Investment					
	Tractors/Self-Propelled	\$83.68	Dollars	7.00%	\$5.86	\$585.76
	Implements	\$78.80	Dollars	7.00%	\$5.52	\$551.59
	Total Fixed Costs			_	\$38.42	\$3,841.91
	Total Specified Costs			_	\$321.64	\$32,164.45
	-			_		
	Returns Above Specified Costs				\$283.16	\$28,315.55
						,
	Breakeven Price to Cover Total Costs			\$2.30 B	ushel	



CORN BUDGET					Prices
Crop Acres	100				
•					Enterprise
REVENUE	Quantity	Units	\$/Unit	Total	Total
Corn	140.00	Bushel	\$4.32	\$604.80	\$60,480.00
Total Revenue				\$604.80	\$60,480.00 Enterprise
VARIABLE COSTS	Quantity	Units	S/Unit	Total	Total
Production Costs					
Custom					
Custom Harvest Corn	140	Bushel	\$0.33	\$46.20	\$4,620.00
Custom Haul Corn	140	Bushel	\$0.16	\$22.40	\$2,240.00
Fertilizer					
UAN (32% N)	2.6	CWT	\$14.00	\$36.40	\$3,640.00
Herbicide					
AAtrex 4L	2	Pint	\$2.35	\$4.71	\$470.80
Seed					
Corn Seed	25	Thousand	\$2.61	\$65.25	\$6,525.00
Miscellaneous			07.50		
Insurance, Corn Other Labor	1	Acre	\$7.50	\$7.50	\$750.00
Unallocated Labor	0.4736	Hour	\$12.00	\$5.68	\$568.32
Irrigation	0.4736	Hour	\$12.00	\$5.08	\$308.32
Water Cost	0.80	Acre/Foot	\$20.00	\$16.00	\$1,600.00
Irrigation Labor	2.20	Hour	\$12.00	\$26.40	\$2,640.00
Machinery Labor	2.20	riodi	\$12.00	\$20.40	\$2,040.00
Tractors/Self-Propelled	1.02	Hour	\$12.00	\$12.24	\$1,224.00
Diesel Fuel			Ų 12.00	Ų.L.L.	V1,2200
Tractors/Self-Propelled	5.75	Gallon	\$2.10	\$12.08	\$1,207.50
Repairs & Maintenance			42	4.2.00	*1,=01.00
Tractors/Self-Propelled	1	Acre	\$10.40	\$10.40	\$1,039.51
Implements	1	Acre	\$13.98	\$13.98	\$1,397.69
Interest on Credit Line			5.00%	\$4.00	\$399.71
Total Variable Costs				\$283.23	\$28,322.53
Planned Returns Above Variable Costs:			_	\$321.57	\$32,157.47
Breakeven Price to Cover Variable Costs			\$2.02 B	ishel	
					Enterprise
FIXED COSTS	Quantity	Units	\$/Unit	Total	Total
Machinery Depreciation					
Tractors/Self-Propelled	1	Acre	\$10.74	\$10.74	\$1,074.16
Implements	1	Acre	\$16.30	\$16.30	\$1,630.41
Equipment Investment					
Tractors/Self-Propelled Implements	\$83.68	Dollars	7.00%	\$5.86	\$585.76
Total Fixed Costs	\$78.80	Dollars	7.00%	\$5.52 \$38.42	\$551.59
			_	****	\$3,841.91
Total Specified Costs			_	\$321.64	\$32,164.45
Returns Above Specified Costs				\$283.16	\$28,315.55
Breakeven Price to Cover Total Costs			\$2.30 B	ushel	



#### **Dollar Value**

(\$/ac)

Crop Acres	100				′ (\$/ac)
					Enterprise
REVENUE	Quantity	Units	\$/Unit	Total	Total
Corn	140.00	Bushel	\$4.32	\$604.80	\$60,480.00
Total Revenue				\$604.80	\$60,480.00 Enterprise
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Total
Production Costs					
Custom					
Custom Harvest Corn	140	Bushel	\$0.33	\$46.20	\$4,620.00
Custom Haul Corn	140	Bushel	\$0.16	\$22.40	\$2,240.00
Fertilizer					
UAN (32% N)	2.6	CWT	\$14.00	\$36.40	\$3,640.00
Herbicide	_				
AAtrex 4L	2	Pint	\$2.35	\$4.71	\$470.80
Seed	0.5	Thomas	60.04	805.05	60 505 00
Corn Seed Miscellaneous	25	Thousand	\$2.61	\$65.25	\$6,525.00
			67.50	07.50	6750.00
Insurance, Corn Other Labor	1	Acre	\$7.50	\$7.50	\$750.00
Unallocated Labor	0.4736	Hour	\$12.00	\$5.68	\$568.32
	0.4730	Hour	\$12.00	\$3.08	\$308.32
Irrigation Water Cost	0.80	Acre/Foot	\$20.00	\$16.00	\$1,600.00
Irrigation Labor	2.20	Hour	\$12.00	\$26.40	\$2,640.00
Machinery Labor	2.20	Houi	\$12.00	\$20.40	\$2,040.00
Tractors/Self-Propelled	1.02	Hour	\$12.00	\$12.24	\$1,224.00
Diesel Fuel	1.02	riodi	\$12.00	912.24	\$1,224.00
Tractors/Self-Propelled	5.75	Gallon	\$2.10	\$12.08	\$1,207.50
Repairs & Maintenance	5.75	Gallott	42.10	\$12.00	\$1,207.00
Tractors/Self-Propelled	1	Acre	\$10.40	\$10.40	\$1,039,51
Implements	1	Acre	\$13.98	\$13.98	\$1,397.69
Interest on Credit Line			5.00%	\$4.00	\$399.71
Total Variable Costs				\$283.23	\$28,322.53
Planned Returns Above Variable Costs:			_	\$321.57	\$32,157.47
Breakeven Price to Cover Variable Costs			\$2.02 Bu	shel	402,101111
			,		Enterprise
FIXED COSTS	Quantity	Units	S/Unit	Total	Total
Machinery Depreciation					
Tractors/Self-Propelled	1	Acre	\$10.74	\$10.74	\$1,074.16
Implements	1	Acre	\$16.30	\$16.30	\$1,630.41
Equipment Investment					
Tractors/Self-Propelled	\$83.68	Dollars	7.00%	\$5.86	\$585.76
Implements	\$78.80	Dollars	7.00%	\$5.52	\$551.59
Total Fixed Costs				\$38.42	\$3,841.91
Total Specified Costs				\$321.64	\$32,164.45
Returns Above Specified Costs				\$283.16	\$28,315.55
Breakeven Price to Cover Total Costs			\$2.30 Bu	ıshel	



#### Enterprise **CORN BUDGET** Size 100 Crop Acres Enterprise REVENUE \$/Unit Total Total Quantity Units \$4.32 \$60,480.00 Corn 140.00 Bushel \$604.80 Total Revenue \$604.80 \$60,480.00 Enterprise VARIABLE COSTS Quantity Units \$/Unit Total Total Production Costs Custom Custom Harvest Corn 140 Bushel \$0.33 \$46.20 \$4,620.00 Custom Haul Corn 140 Bushel \$0.16 \$22.40 \$2,240.00 Fertilizer UAN (32% N) 2.6 CWT \$14.00 \$36.40 \$3,640.00 Herbicide AAtrex 4L 2 Pint \$2.35 \$4.71 \$470.80 Seed Corn Seed Thousand \$2.61 \$65.25 \$6,525.00 Miscellaneous Insurance, Corn \$7.50 \$7.50 \$750.00 Acre Other Labor Unallocated Labor \$12.00 \$5.68 0.4736 Hour \$568.32 Irrigation Water Cost 0.80 Acre/Foot \$20.00 \$16.00 \$1,600.00 Irrigation Labor 2.20 Hour \$12.00 \$26.40 \$2,640.00 Machinery Labor Tractors/Self-Propelled \$12,24 \$1,224,00 1.02 Hour \$12.00 Diesel Fuel Tractors/Self-Propelled 5.75 Gallon \$2.10 \$12.08 \$1,207,50 Repairs & Maintenance Tractors/Self-Propelled \$10.40 \$10.40 \$1,039.51 Acre Implements Acre \$13.98 \$13.98 \$1,397.69 Interest on Credit Line 5.00% \$4.00 \$399.71 Total Variable Costs \$283.23 \$28,322,53 Planned Returns Above Variable Costs: \$321.57 \$32,157,47 Breakeven Price to Cover Variable Costs \$2.02 Bushel Enterprise FIXED COSTS Quantity Units \$/Unit Total Total Machinery Depreciation Tractors/Self-Propelled \$10.74 \$10.74 Acre \$1,074.16 \$16.30 Implements Acre \$16.30 \$1,630.41 Equipment Investment Tractors/Self-Propelled \$83.68 Dollars 7.00% \$5.86 \$585.76 7.00% Implements \$78.80 Dollars \$5.52 \$551.59 Total Fixed Costs \$38,42 \$3,841,91 Total Specified Costs \$321.64 \$32,164.45 Returns Above Specified Costs \$283.16 \$28,315.55

\$2.30

Bushel

Breakeven Price to Cover Total Costs

Enterprise Values



# Uses of Enterprise Budgets

- Estimate the profits of the entire farm
- Identify the most profitable crops
- Analyze the financial impact of production decisions
- Price estimation
- Identify the major sources of production cost
- Support farm loan applications



## Breakeven Analysis

## Breakeven price:

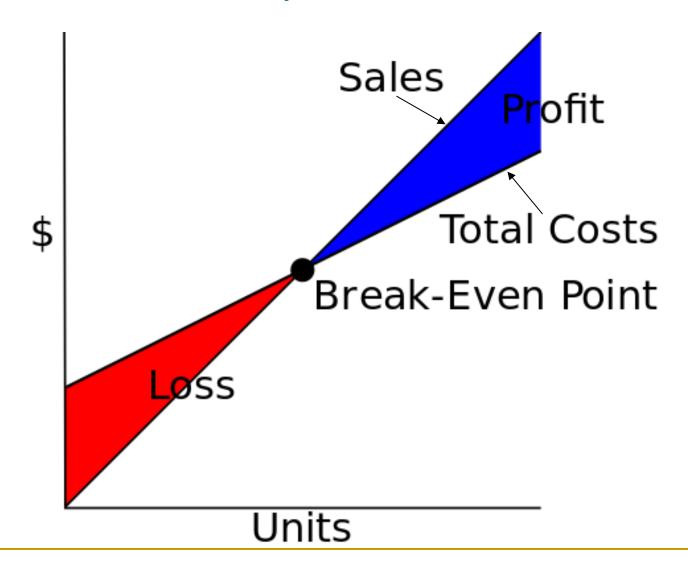
- Minimum price per unit required to cover all projected costs

## Breakeven yield:

- Minimum yield required to cover all projected costs
- □ Breakeven yield =  $\frac{\text{Fixed cost}}{\text{Expected price Average variable cost}}$



# Breakeven Analysis





Crop Acres 100

Crop Acres	100				Enterprise
REVENUE	Quantity	Units	S/Unit	Total	Total
Corn	140.00	Bushel	\$4.32	\$604.80	\$60,480.00
Total Revenue				\$604.80	\$60,480.00 Enterprise
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Total
Production Costs					
Custom					
Custom Harvest Corn	140	Bushel	\$0.33	\$46.20	\$4,620.00
Custom Haul Corn	140	Bushel	\$0.16	\$22.40	\$2,240.00
Fertilizer					
UAN (32% N)	2.6	CWT	\$14.00	\$36.40	\$3,640.00
Herbicide					
AAtrex 4L	2	Pint	\$2.35	\$4.71	\$470.80
Seed					
Corn Seed	25	Thousand	\$2.61	\$65.25	\$6,525.00
Miscellaneous					
Insurance, Corn	1	Acre	\$7.50	\$7.50	\$750.00
Other Labor					
Unallocated Labor	0.4736	Hour	\$12.00	\$5.68	\$568.32
Irrigation					
Water Cost	0.80	Acre/Foot	\$20.00	\$16.00	\$1,600.00
Irrigation Labor	2.20	Hour	\$12.00	\$26.40	\$2,640.00
Machinery Labor					
Tractors/Self-Propelled	1.02	Hour	\$12.00	\$12.24	\$1,224.00
Diesel Fuel					
Tractors/Self-Propelled	5.75	Gallon	\$2.10	\$12.08	\$1,207.50
Repairs & Maintenance					. ,
Tractors/Self-Propelled	1	Acre	\$10.40	\$10.40	\$1,039.51
Implements	1	Acre	\$13.98	\$13.98	\$1,397.69
Interest on Credit Line			5.00%	\$4.00	\$399.71
otal Variable Costs			_	\$283.23	\$28,322.53
Planned Returns Above Variable Costs:				3321.57	\$32,157,47
Breakeven Price to Cover Variable Costs			\$2.02 B	ushel	402,101111
					Enterprise
IXED COSTS	Quantity	Units	S/Unit	Total	Total
Machinery Depreciation					
Tractors/Self-Propelled	1	Acre	\$10.74	\$10.74	\$1,074.16
Implements	1	Acre	\$16.30	\$16.30	\$1,630.41
Equipment Investment			-		+-,
Tractors/Self-Propelled	\$83.68	Dollars	7.00%	\$5.86	\$585.76
Implements	\$78.80	Dollars	7.00%	\$5.52	\$551.59
otal Fixed Costs			_	\$38.42	\$3,841.91
otal Specified Costs			_	\$321.64	\$32,164,45
otal opcomed odete			=	φ02 1.0 <sup>4</sup>	902,104.40
Returns Above Specified Costs				\$283.16	\$28,315.55
Breakeven Price to Cover Total Costs			\$2.30 B	ushel	
Returns Above Specified Costs  Breakeven Price to Cover Total Costs			\$2.30 B	\$283.16 ushel	\$28,3

Breakeven
Price –
Variable
Costs

Breakeven
Price –
Total Cost

## Enterprise Budget Resources

- Available tools:
  - Texas crop and livestock budgets
  - Spreadsheet budgets build your own
  - Machinery Cost Estimator

# https://agecoext.tamu.edu/resources

Online search: "AgriLife crop budgets"

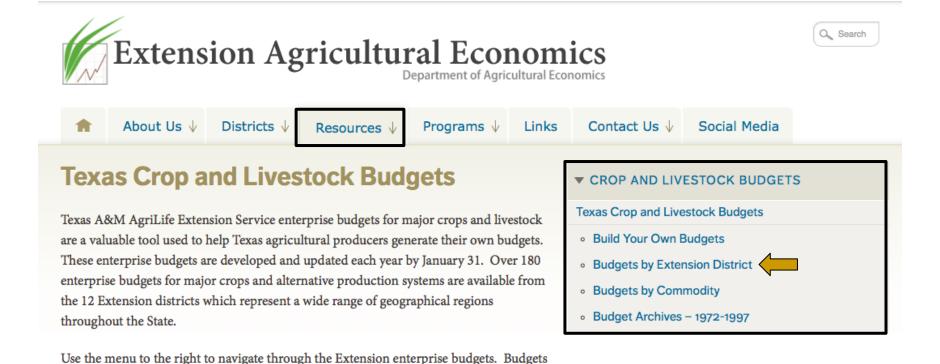


## Available Resources





# Texas Crop and Livestock Budgets



To view a list of counties in each Texas A&M AgriLife Extension district go to this page.

can be viewed by Extension district or by commodity. For more information email

budgets@tamu.edu.









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#### **Budgets by Extension District**

- District 1
- District 2
- O District 3
- O District 4
- O District 5
- O District 6
- O District 7
- O District 8
- O District 9
- O District 10
- O District 11

O District 12



To view a list of counties in each Texas A&M AgriLife Extension district go to this page.

#### **▼ CROP AND LIVESTOCK BUDGETS**

#### Texas Crop and Livestock Budgets

- Build Your Own Budgets
- Budgets by Extension District
  - District 1 Panhandle
  - District 2 South Plains
  - District 3 Rolling Plains
  - District 4 North
  - District 5 East
  - District 6 Far West
  - District 7 West Central
  - District 8 Central
  - District 9 Southeast
  - District 10 Southwest
  - District 11 Coastal Bend
  - District 12 South
- Budgets by Commodity
- Budget Archives 1972-1997









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#### 2018 District 2 Texas Crop and Livestock Budgets

#### Build Your Own Budgets:

- o Share Rent Budgets (Opens South Plains Profitability website)
- Spreadsheet Budgets\* (Spreadsheet Budget Help Video best viewed in full screen)



Download Excel file

- o Using The Spreadsheet Budgets (help file)
- Machinery Cost Estimator (calculate your machinery cost)

#### Forage Crops

- Irrigated Alfalfa
- Irrigated Corn Silage
- o Irrigated Sorghum Silage

#### Field Crops - Irrigated

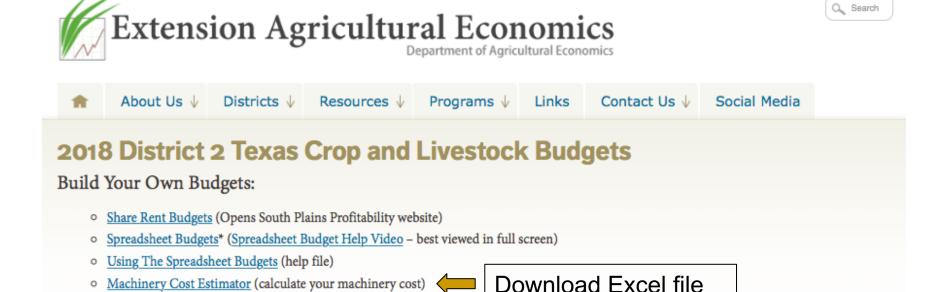
- o Irrigated Blackeyed Peas
- Irrigated Corn
- Irrigated Cotton Drip
- Irrigated Cotton Pivot
- Irrigated Guar
- Irrigated Peanuts

Available enterprise budgets (PDF format)



<sup>\*\*</sup>Caution: This file may not open in some browsers. If so, download the file to your computer when given the option by your browser, then open the file in Excel. If you still have trouble with the file try downloading this zip file and extracting the Excel file from it.

## **Machinery Cost Estimator**



\*\*Caution: This file may not open in some browsers. If so, download the file to your computer when given the option by your browser, then open the file in Excel. If you still have trouble with the file try downloading this zip file and extracting the Excel file from it.

#### Forage Crops

- Irrigated Alfalfa
- Irrigated Corn Silage
- Irrigated Sorghum Silage



# Questions

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