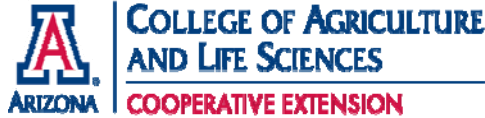


Small Farm Cost Estimator – A Multifunctional Tool for Small Acreage Farmers

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Purpose of the Small Farm Cost Estimator

- Calculate profitability and break-even values for each crop and sales unit
- Use for intensive field, greenhouse, and high tunnel production
- Help plan crop mix and schedule crops for an operation
- Calculate costs based on square footage and time occupied by a crop
- Allocate fixed costs over different crops
- Allocate costs that are not traced to a specific crop
- Allocate costs that can be traced to a specific crop

Program Application Examples

- Pricing
- Selecting crop mix and sales unit
- Growing versus buying transplants
- Comparing production practices
- Use of space
- Product mix decisions
- Evaluating new inputs (fertilizer, chemicals)
- Planning and performance

Components of the Estimator

- Contact Information
- Production Space
- Crop Planning- Crop List and Scheduler
- Capital Assets & Non-Cash Costs
- Unallocated Cash Costs
- Allocated Cash Costs
- Analysis & Comparison
- Crop Profit Summary

Crop Scheduler

List crops and plan out the areas they will be grown. Green shading indicates data entry.

Outputs

Break-Even Price and Profit Estimator calculates the following summary:

- Break-even price for sales unit
- Break-even yields for crop
- Total cost plus return on investment (ROI)
- Returns per crop
- Returns per unit sold

Define your Crops, Location Grown, Sale Unit and Yields

Part B	Crop Name	Location: Field, Hoophouse, Greenhouse	Unit of Measure	Total Yield
101	1 Carrots (5 plants)	1 Bunch	10000	
102	2 HI Carrots	2 Bunch	150	
103	3 Trans Peppers	3 Bucket	200	
104	4 F Peppers	1 Bucket	300	
105	5 Sweet Corn	1 Bag	2500	
106	6 HI Kale	2 Spic	5000	
107	7 F Beets	1 Bunch	500	
108	8 Spinach	2 Bunch	300	
109	9 HI Lettuce Mix	2 Bunch	200	
110	10 Cilantro	2 Bunch	350	
111	11 HI Mustard Mix	1 Bunch	400	
112	12 Oil	1 Each	2500	
113	13 GH Mico Greens	1 Each	2000	
114	14 F Spring Melons	1 Each	1500	
115	15 F Fall Melons	1 Each	1200	
116	16 Watermelons	1 Each	1800	
117	17	1 Each	1800	
118	18	1 Each	1800	
119	19	1 Each	1800	
120	20	1 Each	1800	
121	21	1 Each	1800	
122	22	1 Each	1800	
123	23	1 Each	1800	
124	24	1 Each	1800	
125	25	1 Each	1800	
126	26	1 Each	1800	

Account for Crop Specific Cost and Unmarketable Yield Losses

#	Crop Name	Sales Price	TOTAL			PER UNIT SOLD		BREAK-EVEN	
			Total Units Sold	Total Revenue	Total Cost	Total Harvest Units	Total Cost	Expected Price	BE Price
1	Carrot (5 plants)	\$0.00	6,000	\$0.00	\$26,539	6,000	\$4.42	\$4.42	\$26,539
2	HI Carrots	\$5.00	150	\$750.00	\$697.77	150	\$4.65	\$4.65	\$4,662
3	Trans Peppers	\$10.00	200	\$2,000.00	\$1,978.76	200	\$9.89	\$9.89	\$9,894
4	F Peppers	\$8.00	300	\$2,400.00	\$2,343.33	300	\$7.81	\$7.81	\$7,811
5	Sweet Corn	\$8.00	2,500	\$20,000.00	\$17,208.72	2,500	\$6.88	\$6.88	\$6,883
6	HI Kale	\$1.00	0	\$0.00	\$0.00	0	\$0.00	\$0.00	\$0.00
7	F Beets	\$1.00	5,000	\$5,000.00	\$4,196.76	5,000	\$0.84	\$0.84	\$0,839
8	Spinach	\$1.00	500	\$500.00	\$2,534.17	500	\$5.07	\$5.07	\$5,069
9	HI Lettuce Mix	\$1.00	300	\$300.00	\$229.68	300	\$0.76	\$0.76	\$0,760
10	Cilantro	\$1.00	200	\$200.00	\$97.47	200	\$0.49	\$0.49	\$0,487
11	HI Mustard Mix	\$1.00	350	\$350.00	\$257.32	350	\$0.74	\$0.74	\$0,735
12	Oil	\$0.00	0	\$0.00	\$0.00	0	\$0.00	\$0.00	\$0.00
13	GH Mico Greens	\$5.00	400	\$2,000.00	\$1,820.68	400	\$4.55	\$4.55	\$4,552
14	F Spring Melons	\$5.00	2,500	\$12,500.00	\$2,098.38	2,500	\$0.84	\$0.84	\$0,839
15	F Fall Melons	\$3.00	2,000	\$6,000.00	\$2,298.38	2,000	\$1.15	\$1.15	\$1,149
16	Watermelons	\$3.00	1,500	\$4,500.00	\$4,616.44	1,500	\$3.08	\$3.08	\$3,078
17		\$0.00	0	\$0.00	\$0.00	0	\$0.00	\$0.00	\$0.00
18		\$0.00	0	\$0.00	\$0.00	0	\$0.00	\$0.00	\$0.00
19		\$0.00	0	\$0.00	\$0.00	0	\$0.00	\$0.00	\$0.00
20	crop20	\$0.00	20	\$0.00	\$0.00	20	\$0.00	\$0.00	\$0.00
21		\$0.00	0	\$0.00	\$0.00	0	\$0.00	\$0.00	\$0.00

Information highlights crops that make a profit and those that don't at the specified prices. Non-profitable crops - Continue production or charge higher price?

Field Crop Tracking



Hoop House Crop Tracking



Greenhouse Crop Tracking

