
AGRICULTURAL ALTERNATIVES

Instructions for using the interactive budgets

You will need Adobe Acrobat Reader to use these forms. If you do not have this program installed on your computer, you can download a free version [here](#).

You can make changes to the interactive PDF budget files for this publication by inputting your own prices and quantities in the green-outlined cells for any item. You will need to click on and add your own estimated price and quantity information to all of the green-outlined cells to complete your customized budget.

The cells outlined in red automatically calculate your revised totals based on the changes you made to the cells outlined in green.

When you are finished, you can print the budget using the green **Print Form** button at the bottom of the form.

You can use the red **Clear Form** button to clear all the information from your budget when you are finished.

extension.psu.edu/ag-alternatives

This publication is available in alternative media on request.

Penn State is committed to affirmative action, equal opportunity, and the diversity of its workforce.

© The Pennsylvania State University 2014

PENNSTATE



Cooperative Extension
College of Agricultural Sciences

Sample Garlic Budget

Summary of estimated costs and returns for one acre of production. Budget based on 6,000 pounds of production.

Item	Quantity	Your Quantity	Unit	Price	Your Price	Total	Calculated Estimate
Receipts							
Garlic sales	6,000	_____	pounds	\$ 4.00	_____	\$ 24,000.00	_____
Variable costs							
Custom operations							
Soil test	1	_____	test	\$ 13.00	_____	\$ 13.00	_____
Spreading lime	1	_____	acre	\$ 13.80	_____	\$ 13.80	_____
Fertilizer spreading	1	_____	acre	\$ 10.60	_____	\$ 10.60	_____
Moldboard plowing	1	_____	acre	\$ 22.60	_____	\$ 22.60	_____
Disking (2x)	1	_____	acre	\$ 37.80	_____	\$ 37.80	_____
Harrowing	1	_____	acre	\$ 14.50	_____	\$ 14.50	_____
Pest scouting	1	_____	acre	\$ 35.00	_____	\$ 35.00	_____
Lime and Fertilizer							
Lime	0.5	_____	ton	\$ 10.00	_____	\$ 5.00	_____
N	75	_____	lb.	\$ 0.30	_____	\$ 22.50	_____
P	138	_____	lb.	\$ 0.33	_____	\$ 45.54	_____
K	138	_____	lb.	\$ 0.25	_____	\$ 34.50	_____
Garlic bulbs	1,000	_____	lb.	\$ 7.50	_____	\$ 7,500.00	_____
Herbicides	1	_____	acre	\$ 108.80	_____	\$ 108.80	_____
Plastic mulch/drip tape	10,890	_____	ft.	\$ 0.06	_____	\$ 653.40	_____
Labor							
Operator labor	1.5	_____	hr.	\$ 15.00	_____	\$ 22.50	_____
Planting labor	20	_____	hr.	\$ 12.00	_____	\$ 240.00	_____
Implement labor	3.4	_____	hr.	\$ 12.00	_____	\$ 40.80	_____
Harvest labor	165	_____	hr.	\$ 12.00	_____	\$ 1,980.00	_____
Packaging	2,000	_____	bags	\$ 0.40	_____	\$ 800.00	_____
Marketing costs	12%	_____	total sales	\$ 24,000.00	_____	\$ 2,880.00	_____
Diesel fuel	42	_____	gal.	\$ 3.85	_____	\$ 161.70	_____
Repairs and maintenance	1	_____	acre	\$ 78.66	_____	\$ 78.66	_____
Additional expenses							
Additional expenses							
Interest on operating capital	1	_____	acre	\$ 542.79	_____	\$ 542.79	_____
<i>Total variable costs</i>						\$ 15,263.49	_____

Fixed costs									
Tractors	1	_____	acre	\$	55.18	_____	\$	55.18	_____
Implements (1)	1	_____	acre	\$	140.77	_____	\$	140.77	_____
Land charge	1	_____	acre	\$	200.00	_____	\$	200.00	_____
Additional expenses		_____				_____			_____
<i>Total fixed costs</i>							\$	395.95	_____

Total Costs **\$ 15,659.44** _____

Income	
Returns over variable costs	\$ 8,736.51 _____
Returns over total costs	\$ 8,340.56 _____

1. Includes irrigation system

It is customary for producers to keep enough cloves for replanting the following season. This should be factored into subsequent budgets.

You should monitor local markets and contact suppliers to determine current prices for all items contained in this sample budget.