



PennState Extension

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

Penn State College of Agricultural Sciences research and extension programs are funded in part by Pennsylvania counties, the Commonwealth of Pennsylvania, and the U.S. Department of Agriculture.

This publication is available in alternative media on request.

Penn State is an equal opportunity, affirmative action employer, and is committed to providing employment opportunities to all qualified applicants without regard to race, color, religion, age, sex, sexual orientation, gender identity, national origin, disability, or protected veteran status.

© The Pennsylvania State University 2020

Sample Cucumber High Tunnel Budget Growing in Pots

Summary of estimated costs per 30 x 96 tunnel producing a single spring-planted crop growing in a pot system and a conventional bio-approach option. Pennsylvania 2020.

Item	Quantity or number of operations	Your Quantity	Unit	Price	Your Price	Total	Calculated Estimate
Income							
Cucumbers - 15 pound boxes	600		boxes	\$18.00		\$10,800.00	
Variable Costs							
Soil Test	1		kit	\$13.00		\$13.00	
Plant analysis kit	5		kit	\$25.00		\$125.00	
Fertilizer broadcast							
N	6.3		lb.	\$0.23		\$1.45	
P	5.3		lb.	\$0.24		\$1.27	
K	7		lb.	\$0.24		\$1.68	
Fertilizer Injected							
20-20-20	14.4		lb	\$1.34		\$19.30	
9-15-30	16.2		lb	\$1.32		\$21.38	
Magnesium	4		lb	\$5.50		\$22.00	
Potassium	48		fl.oz.	\$0.19		\$9.12	
Calcium	48		fl.oz.	\$0.15		\$7.20	
Lime	80		lb.	\$0.01		\$0.80	
Pesticides							
Fungicides	1		crop	\$186.29		\$186.29	
Insecticides	1		crop	\$94.59		\$94.59	
Shade cloth ²	2,880		sq.ft.	\$0.05		\$144.00	
Shade cloth stakes ²	200		each	\$0.20		\$40.00	
Irrigation line ²	340		ft.	\$0.05		\$17.00	
Irrigation spiders and fittings ²	150		each	\$1.50		\$225.00	
Plants	600		each	\$0.24		\$144.00	
Twine	20		100'	\$0.20		\$4.00	
Tissue testing	3		tests	\$25.00		\$75.00	
Labor							
Operator labor	36		hour	\$18.00		\$648.00	
Hand labor	43.2		hour	\$15.00		\$648.00	

Packaging							
Harvest labor	9,000		pound	\$0.26		\$2,340.00	
Cucumber box	600		each	\$1.15		\$690.00	
Marketing	15%		sales	\$2,398.00		\$1,620.00	
Diesel Fuel	52.0		gallon	\$2.60		\$135.20	
Repairs & maintenance							
Tractors	1		crop	\$46.80		\$46.80	
Implements	1		crop	\$50.46		\$50.46	
Additional expenses							
Additional expenses							
Interest on operating capital	1		crop	\$67.21		\$67.21	
Total variable costs						\$7,397.75	
Fixed Costs							
Tractor and equipment	1		crop	\$135.61		\$135.61	
Tunnel and plastic	0.5		year	\$1,402.00		\$701.00	
Additional expenses							
Land charge	1		crop	\$15.00		\$15.00	
Total fixed costs						\$851.61	
Total costs						\$8,249.36	
Returns							
Returns over variable costs						\$3,402.25	
Net returns						\$2,550.64	
Break-even yield-boxes						458	
Break-even price-box						\$13.75	

1. Budget is for one crop of cucumbers. Many of the items may be used for more than one crop if grown consecutively.

2. Calculated at 35% of cost to allow for multiple uses.

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

Authors

Lynn F. Kime, senior extension associate; Steve M. Bogash, Marrone Bio Innovations, Thomas Ford, extension educator, and Krystal L. Snyder, extension educator.