



**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.

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## 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 organic production methods<sup>1</sup>. Pennsylvania 2020.

Item	Quantity or number of operations	Your Quantity	Unit	Price	Your Price	Total	Calculated Estimate
<b>Income</b>							
Cucumbers - 15 pound boxes	600		boxes	\$18.00		\$10,800.00	
<b>Variable Costs</b>							
Plant analysis kit	5		kit	\$25.00		\$125.00	
Fertilizer							
Pre-plant	4		pounds	\$1.50		\$6.00	
Fertilizer Injected							
2-3-1	35		gal.	\$17.50		\$612.50	
0-0-52	1,500		pounds	\$0.69		\$1,035.00	
Pesticides							
Fungicides	1		crop	\$207.04		\$207.04	
Insecticides	1		crop	\$144.10		\$144.10	
Shade cloth <sup>2</sup>	2,880		sq.ft.	\$0.05		\$144.00	
Shade cloth stakes <sup>2</sup>	200		each	\$0.20		\$40.00	
Irrigation line <sup>2</sup>	340		ft.	\$0.05		\$17.00	
Irrigation spiders and fittings <sup>2</sup>	150		each	\$1.50		\$225.00	
Plants	600		each	\$0.24		\$144.00	
Twine	680		each	\$0.40		\$272.00	
Tissue testing	3		tests	\$25.00		\$75.00	
Labor							
Operator labor	36		hour	\$18.00		\$648.00	
Hand labor	57.75		hour	\$15.00		\$866.25	
Harvest/Packaging/Marketing							
Harvest labor	9,000		pound	\$0.26		\$2,340.00	
Cucumber box	600		each	\$1.15		\$690.00	
Marketing	15%		sales	\$10,800.00		\$1,620.00	

Diesel Fuel	26.0	_____	gallon	\$2.60	_____	\$67.60	_____
Repairs & maintenance		_____			_____		_____
Tractors	1	_____	crop	\$190.32	_____	\$190.32	_____
Implements	1	_____	crop	\$245.64	_____	\$245.64	_____
Additional expenses		_____			_____		_____
Additional expenses		_____			_____		_____
Interest on operating capital	1	_____	crop	\$50.47	_____	\$50.47	_____
<b>Total variable costs</b>						<b>\$9,764.92</b>	_____
<hr/>							
<b>Fixed Costs</b>							
Tractor and equipment	1	_____	crop	\$86.34	_____	\$86.34	_____
Tunnel and plastic	0.25	_____	year	\$1,402.00	_____	\$350.50	_____
Additional expenses		_____			_____		_____
Land charge	1	_____	crop	\$15.00	_____	\$15.00	_____
<b>Total fixed costs</b>						<b>451.84</b>	_____
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<b>Total costs</b>						<b>\$10,216.76</b>	_____
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<b>Returns</b>							
Net returns over variable costs						<b>\$1,035.08</b>	_____
Net returns						<b>\$583.24</b>	_____
<hr/>							
<b>Break-even yield-boxes</b>						<b>568</b>	_____
<b>Break-even price-box</b>						<b>\$17.03</b>	_____

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

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