



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.

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Apple orchard planting budget, high density, 908 tress per acre, Pennsylvania, 2020.

Item	Quantity	Your Quantity	Unit	Price	Your Price	Total	Your Calculations
Variable expense							
Apple trees	908	_____	each	\$ 8.50	_____	\$ 7,718.00	_____
Fertilizer							
N	57.0	_____	pound	\$ 0.45	_____	\$ 25.65	_____
Herbicides**	1	_____	acre	\$ 137.83	_____	\$ 137.83	_____
Fungicides**	1	_____	acre	\$ 86.45	_____	\$ 86.45	_____
Insecticides**	1	_____	acre	\$ 10.74	_____	\$ 10.74	_____
Labor							
Seasonal	73.38	_____	hour	\$ 15.00	_____	\$ 1,100.70	_____
Operator	12.57	_____	hour	\$ 17.00	_____	\$ 213.69	_____
Other							
Deer repellent	908	_____	each	\$ 0.80	_____	\$ 726.40	_____
Tree guards	908	_____	each	\$ 0.70	_____	\$ 635.60	_____
Rodenticide	10.0	_____	pound	\$ 1.35	_____	\$ 13.50	_____
Drip tape	10,890	_____	foot	\$ 0.02	_____	\$ 217.80	_____
Diesel fuel	60.04	_____	gal.	\$ 2.80	_____	\$ 168.11	_____
Support system ¹							
Crimping tool	1	_____	each	\$ 24.00	_____	\$ 24.00	_____
Posts	160	_____	each	\$ 24.69	_____	\$ 3,950.40	_____
Wire	20	_____	1,000 ft.	\$ 15.60	_____	\$ 312.00	_____
Gripples	96	_____	each	\$ 1.15	_____	\$ 110.40	_____
Staples	64	_____	each	\$ 0.04	_____	\$ 2.56	_____
Tree clips	3,632	_____	each	\$ 0.13	_____	\$ 472.16	_____
Splicing tool	1	_____	each	\$ 16.00	_____	\$ 16.00	_____
Repairs and maintenance							
Tractors	1	_____	acre	\$ 41.14	_____	\$ 41.14	_____
Equipment	1	_____	acre	\$ 98.72	_____	\$ 98.72	_____
Additional expenses		_____	_____		_____		_____
Additional expenses		_____	_____		_____		_____
Interest on operating capital	1	_____	acre	\$ 663.53	_____	\$ 663.53	_____

Total variable expenses				\$ 16,745.38	<hr/>	
<hr/>						
Fixed expenses						
Tractors	1	<hr/>	acre	\$ 86.00	\$ 86.00	<hr/>
Equipment ²	1	<hr/>	acre	\$ 208.14	\$ 208.14	<hr/>
Land charge	1	<hr/>	acre	\$ 200.00	\$ 200.00	<hr/>
Additional expenses		<hr/>				<hr/>
Total fixed expenses					\$ 494.14	<hr/>
<hr/>						
Total expenses				\$ 17,239.52	<hr/>	

* Budget estimates are based on data available in August 2019.

** For more detailed information concerning pesticides, please see the *2020-2021 Pennsylvania Tree Fruit Production Guide*.

1. For more detailed trellising information and pricing, please see: <https://extension.psu.edu/trellis-construction-workbook?>.

2. Includes irrigation system.

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