



**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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**This publication is available in alternative media on request.**

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**Table 9-2-B. Apple orchard planting budget, high density orchard, Pennsylvania, 2021. Summary of estimated costs per acre.**

Item	Unit	Quantity	Your Quantity	Price	Your Price	Amount	Calculated Estimate
<b>VARIABLE COSTS</b>							
Apple trees	tree	1,210	_____	\$10.25	_____	\$12,402.50	_____
Fertilizer							
N	pound	17	_____	\$0.63	_____	\$10.71	_____
Pesticides							
Herbicides <sup>1</sup>	acre	1	_____	\$31.32	_____	\$31.32	_____
Fungicides <sup>1</sup>	acre	1	_____	\$91.74	_____	\$91.74	_____
Insecticides <sup>1</sup>	acre	1	_____	\$12.49	_____	\$12.49	_____
Labor							
Seasonal (Hourly)	hour	72.4	_____	\$15.00	_____	\$1,086.00	_____
Operator	hour	12	_____	\$18.00	_____	\$216.00	_____
Other							
Deer repellent	tree	400	_____	\$0.80	_____	\$320.00	_____
Tree guards	tree	1,210	_____	\$0.90	_____	\$1,089.00	_____
Drip tape	foot	10,890	_____	\$ 02	_____	\$217.80	_____
Diesel fuel	gallon	99	_____	\$3.05	_____	\$301.95	_____
Support system							
Gripple tool	each	1	_____	\$27.95	_____	\$27.95	_____
Posts	each	160	_____	\$24.66	_____	\$3,945.60	_____
Wire	each	15,600	_____	\$0.03	_____	\$468.00	_____
Gripples	each	96	_____	\$1.40	_____	\$134.40	_____
Staples	each	640	_____	\$0.05	_____	\$32.00	_____
Tree clips	each	4,840	_____	\$0.12	_____	\$580.80	_____
Splicing tool	each	1	_____	\$11.00	_____	\$11.00	_____
Repairs and maintenance							
Tractors	acre	1	_____	\$68.37	_____	\$68.37	_____
Equipment	acre	1	_____	\$167.55	_____	\$167.55	_____
Additional expenses	_____		_____		_____		_____
Additional expenses	_____		_____		_____		_____
Interest on operating capital	acre	1	_____	\$902.49	_____	\$902.49	_____
<b>Total variable costs</b>						<b>\$22,117.67</b>	_____

**FIXED COSTS**

Tractors	acre	1	_____	\$146.14	_____	\$146.14	_____
Equipment <sup>2</sup>	acre	1	_____	\$334.54	_____	\$334.54	_____
Additional expenses			_____		_____		_____
Land charge	acre	1	_____	\$200.00	_____	\$200.00	_____
<b>Total fixed costs</b>						<b>\$680.68</b>	_____
<b>Total specified costs</b>						<b>\$22,798.35</b>	_____

1. Cost estimates based on a typical mix of pesticides used in conjunction with integrated pest management practices.

2. Includes irrigation system.

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

Use the Your Price and Your Quantity columns to enter your potential or actual figures. Budget estimates are based on data available in June 2021