



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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Mature fresh-market peach production orchard budget, 155 trees per acre, Pennsylvania, 2020.

Summary of estimated costs and income per acre.

Item	Quantity	Your Quantity	Unit	Price	Your Price	Total	Your Calculations
Receipts	300	_____	bushel	\$28.00	_____	\$8,400.00	_____
Variable Costs							
Lime	0.5	_____	ton	\$28.00	_____	\$14.00	_____
Fertilizer							
N	50.0	_____	pound	\$0.45	_____	\$22.50	_____
K	60.0	_____	pound	\$0.37	_____	\$22.20	_____
Herbicides**	1.0	_____	acre	\$103.96	_____	\$103.96	_____
Fungicides**	1.0	_____	acre	\$305.88	_____	\$305.88	_____
Insecticides	1.0	_____	acre	\$160.45	_____	\$160.45	_____
Mating disruption**1	1.0	_____	acre	\$87.00	_____	\$87.00	_____
Labor							
Pest scouting	1.0	_____	acre	\$40.00	_____	\$40.00	_____
Hand thinning ²	155.0	_____	tree	\$3.10	_____	\$480.50	_____
Misc. seasonal labor	1.90	_____	hours	\$15.00	_____	\$28.50	_____
Operator	6.3	_____	hour	\$17.00	_____	\$107.10	_____
Pruning	155.0	_____	tree	\$4.65	_____	\$720.75	_____
Harvesting	300.0	_____	bushel	\$2.65	_____	\$795.00	_____
Other							
Insect traps	1.0	_____	acre	\$40.00	_____	\$40.00	_____
Rodenticide	10.0	_____	pound	\$1.35	_____	\$13.50	_____
Crop Insurance - APH ³	1.0	_____	acre	\$105.00	_____	\$105.00	_____
Crop Insurance - SCO ³	1.0	_____	acre	\$50.00	_____	\$50.00	_____
Diesel fuel	33.3	_____	gallon	\$2.80	_____	\$93.24	_____
Repairs and maintenance							
Tractors	1.0	_____	acre	\$18.20	_____	\$18.20	_____
Equipment	1.0	_____	acre	\$63.10	_____	\$63.10	_____
Additional costs		_____	_____		_____		_____
Additional costs		_____	_____		_____		_____

Interest on operating capital	1.0		acre	\$97.08	\$97.08	
Total variable costs					\$3,367.96	
Fixed costs						
Tractors	1.0		acre	\$37.68	\$37.68	
Equipment ⁴	1.0		acre	\$124.35	\$124.35	
Land charge	1.0		acre	\$200.00	\$200.00	
Additional costs						
Total fixed costs					\$362.03	
Total costs					\$3,729.99	
Returns above variable costs					\$5,032.04	
Returns above total costs					\$4,670.01	
Break-even yield (bushels)					133	
Break-even price (per bushel)					\$12.43	

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

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

1. Additional insecticide sprays may be required for control of brown marmorated stink bug. Insecticides such as Belay, Scorpion, Lannate 90SP, and Venom provide control for a cost of approximately \$15-45/A for each additional spray (plus application cost unless tank mixed with a fungicide). Other insecticides may be available for use on BMSB under Section 18 emergency exemptions.
 2. Fruit thinning is assumed to be done with a combination of string thinning and hand thinning.
 3. Hypothetical cost of crop insurance coverage in Adams County PA (APH: actual production history and SCO: supplemental coverage option) assumes no participation in ARC (Agricultural Risk Coverage from USDA-Farm Service Agency) at the 50% coverage level for 100% of the standard \$21.25/bushel fresh market price election and an APH yield of 250 bushels per acre. Contact your crop insurance agent for a quote based on your county, government program participation, yields, and pricing preferences.
 4. Includes irrigation system.
- You should monitor local markets and contact suppliers to determine current prices for all items contained in this sample budget.