



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 tart cherry production orchard budget, 121 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	8,000	_____	pounds	\$0.35	_____	\$2,800.00	_____
Variable Costs							
Lime	0.5	_____	ton	\$28.00	_____	\$14.00	_____
Fertilizer							
N	60.0	_____	pound	\$0.45	_____	\$27.00	_____
K	30.0	_____	pound	\$0.37	_____	\$11.10	_____
Solubor	3.0	_____	pound	\$1.92	_____	\$5.76	_____
Herbicides**	1.0	_____	acre	\$125.92	_____	\$125.92	_____
Fungicides**	1.0	_____	acre	\$177.54	_____	\$177.54	_____
Insecticides**	1.0	_____	acre	\$99.12	_____	\$99.12	_____
Labor							
Pest scouting	1.0	_____	acre	\$40.00	_____	\$40.00	_____
Misc. seasonal labor	0.8	_____	hour	\$15.00	_____	\$12.00	_____
Operator	5.2	_____	hour	\$17.00	_____	\$88.40	_____
Other							
Ethephon 2E	0.13	_____	gallon	\$14.47	_____	\$1.88	_____
Harvest	8,000	_____	pound	\$0.10	_____	\$800.00	_____
Rodenticide	10.0	_____	pound	\$1.35	_____	\$13.50	_____
Diesel fuel	23.7	_____	gallon	\$2.80	_____	\$66.36	_____
Repairs and maintenance							
Tractors	1.0	_____	acre	\$12.58	_____	\$12.58	_____
Equipment	1.0	_____	acre	\$39.10	_____	\$39.10	_____
Additional costs							
Additional costs							
Interest on operating capital	1.0	_____	acre	\$42.44	_____	\$42.44	_____
Total variable costs						\$1,576.70	_____
Fixed costs							

Tractors	1.0	_____	acre	\$26.36	_____	\$26.36	_____
Equipment	1.0	_____	acre	\$79.66	_____	\$79.66	_____
Land charge	1.0	_____	acre	\$200.00	_____	\$200.00	_____
Additional costs		_____			_____		_____
Total fixed costs						\$306.02	_____
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Total costs						\$1,882.72	_____
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Returns above variable costs						\$1,223.30	_____
Returns above total costs						\$917.28	_____
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Break-even yield (pounds)						5,379	_____
Break-even price (per pound)						\$0.24	_____
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* 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*.

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