

## **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](http://extension.psu.edu/ag-alternatives)**

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

Penn State is committed to affirmative action, equal opportunity, and the diversity of its workforce.

© The Pennsylvania State University 2014

PENNSTATE



Cooperative Extension  
*College of Agricultural Sciences*

**2014-2015 Agronomy Budgets**

**Table 1.12-8. Grass hay establishment and production budgets, Pennsylvania, 2015 estimates.**

<i>Item</i>	<i>Conventional Establishment</i>	<i>Your Calculations</i>	<i>Orchardgrass production</i>	<i>Your Calculations</i>	<i>Timothy production</i>	<i>Your Calculations</i>
<b>Receipts</b>						
Hay	\$ 300.00		\$ 600.00		\$ 720.00	
Your yield T/A		_____		_____		_____
Your price \$/T		_____		_____		_____
Total hay		_____		_____		_____
Haylage			\$ 200.00			
Your yield T/A				_____		
Your price \$/T				_____		
Total haylage				_____		
Total receipts	\$ 300.00	_____	\$ 800.00	_____	\$ 720.00	_____
<b>Variable costs</b>						
Seed	\$ 22.80	_____	\$ -	_____	\$ -	_____
Lime	\$ 52.00	_____	\$ -	_____	\$ -	_____
Fertilizer	\$ 41.40	_____	\$ 134.40	_____	\$ 94.80	_____
Herbicides	\$ 2.13	_____	\$ 2.13	_____	\$ 2.13	_____
Insecticides	\$ -	_____	\$ -	_____	\$ -	_____
Soil test	\$ 2.00	_____	\$ -	_____	\$ -	_____
Labor	\$ 35.09	_____	\$ 60.25	_____	\$ 56.92	_____
Fuel	\$ 32.43	_____	\$ 52.30	_____	\$ 41.49	_____
Repairs and maintenance	\$ 19.25	_____	\$ 25.72	_____	\$ 22.17	_____
Interest on operating capital	\$ 5.71	_____	\$ 5.15	_____	\$ 3.94	_____
Additional inputs (1)		_____		_____		_____
Additional inputs (1)		_____		_____		_____
<b>Total variable costs</b>	\$ 212.81	_____	\$ 279.95	_____	\$ 221.45	_____

<b>Fixed costs</b>									
Tractors	\$	18.55	_____	\$	29.10	_____	\$	20.89	_____
Equipment	\$	27.91	_____	\$	35.93	_____	\$	31.82	_____
Land	\$	150.00	_____	\$	150.00	_____	\$	150.00	_____
Additional inputs			_____			_____			_____
<b>Total fixed costs</b>	\$	196.46	_____	\$	215.03	_____	\$	202.71	_____
<b>Total costs</b>									
	\$	409.27	_____	\$	494.98	_____	\$	424.16	_____
<b>Net returns to management</b>	\$	(109.27)	_____	\$	305.02	_____	\$	295.84	_____
<b>Break-even price (1)</b>									
1.5 T/A	\$	272.85		\$	329.99		\$	282.77	
3.0 T/A				\$	164.99		\$	141.39	
4.0 T/A				\$	123.75				
Your price \$/T Hay			_____			_____			_____
Your price \$/T Haylage						_____			_____
<b>Break-even yield(1)</b>									
\$200/T		2.0			2.5			2.1	
\$240/T		1.7			2.1			1.8	
Your price \$/T Hay			_____			_____			_____
Your price \$/T Haylage						_____			_____

1. These costs may include hauling and storage.

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