

Iowa Farm Bureau's Margin Management Webinar Series presents:

Horticultural Crop Enterprise Budgets

the why's and how's of enterprise budgets, market outlets can drastically change profitability

Thursday, April 9, 1:00 pm

Emily Coll

Farm, Food and Enterprise Development Program Coordinator from ISU Extension and Outreach

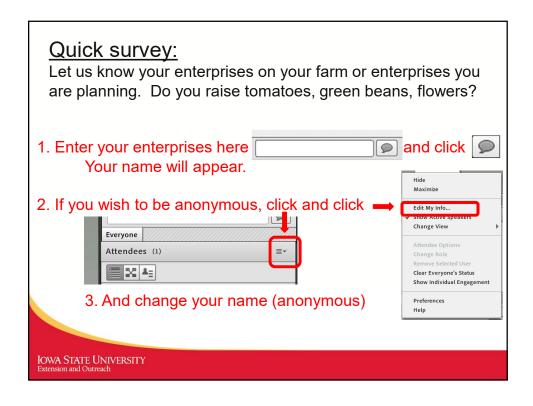
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Horticultural Crops: Enterprise Budget Development Per Market

ISU Extension and Outreach Farm, Food, and Enterprise Development Program

Emily Coll, Program Coordinator ecoll@iastate.edu





Focus on \$\$\$

My Specific Programming

- MarketReady Producer Training – coming online soon!
- Ag Plan to Profit app
- Enterprise budget development per market outlet, https://www.extension.iastate.e du/ffed/market-basedenterprise-budgets-toolkit/
- Ag Decision-maker tool, <u>https://www.extension.iastate.e</u> <u>du/agdm/</u>

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What are Horticultural Crops

- Fruits
- Vegetables
- Transplants
- Annuals, perennials
- · Trees, shrubs
- · Honey, nuts
- USDA refers to as Specialty Crops
 - Specialty crops are defined in law as "fruits and vegetables, tree nuts, dried fruits and horticulture and nursery crops, including floriculture."

2017 Iowa Commercial Horticulture Food Crop Survey Results



Total horticulture sales of respondents doubled from nearly \$10 million to nearly \$20 million from 2010-2015.



However, producers are deriving less gross family income from horticultural production.

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2017 Iowa Commercial Horticulture Food Crop Survey Results

"Higher efficiencies of scale by selling large quantities of product at low prices as opposed to small quantities at high prices is likely to generate more income due to the high transaction costs of direct-toconsumer sales."

<u>Iowa Commercial Horticulture Food Crop Survey Results</u>

Market Types

- Direct-to-consumer (DTC)
 - CSA's
 - Farmers' Markets
 - On-farm: Farm stand, U-pick
- Not DTC
 - Wholesale
 - Retail
 - Grocery
 - Institution
 - Aggregator

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Community-Supported Agriculture: Mustard Seed Community Farm

- Catholic Worker Farm near Ames
- Donates much of its produce to area food pantries
- Hosts many community events
- · mustardseedfarm.org



Farmer Alice McGary





Wholesale, Retail, Grocery, Institution, and Food Hub/Aggregator

- Wholesale
 - Loffredo's, Capital City Fruit Company, Sysco, U.S. Foods
- Retail
 - Restaurants
- Grocery
 - Hy-Vee, Homegrown label
- Institution
 - School districts, hospitals, foodservice
- Food Hub/Aggregator
 - lowa Food Cooperative, FarmTable Delivery, Prudent
 Produce, North Iowa Food Hub, That Iowa Girl

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Profitability – Portfolio Analysis

Enterprise budgets:

- Who any farm business
- What sales receipts, production costs, marketing costs
- When once per season
- Where Online, paper and pencil
- Why guide small-scale farmers when analyzing net returns
- How...

How to Develop a Budget:

- · Keep receipts, records
- Track labor per activity ⁽³⁾
- · Calculate percentage of crop sales over total sales
- Calculate crop sales per market outlet
- Calculate percentage of crop sales per market outlet
- Don't forget to include interest on loans

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Time for a short recording break; we will continue in less than 30 seconds!

Horticultural Crop Enterprise Budgets



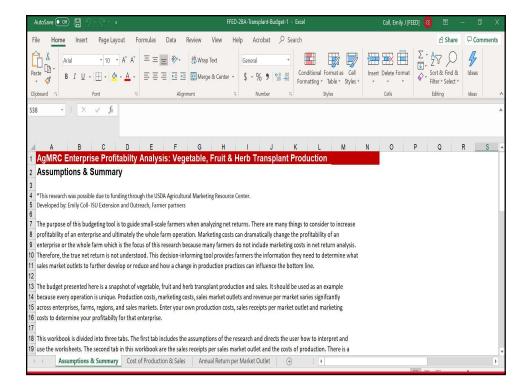
Speaker:

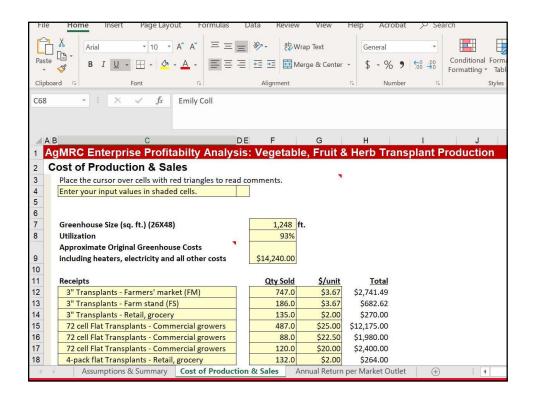
Emily Coll

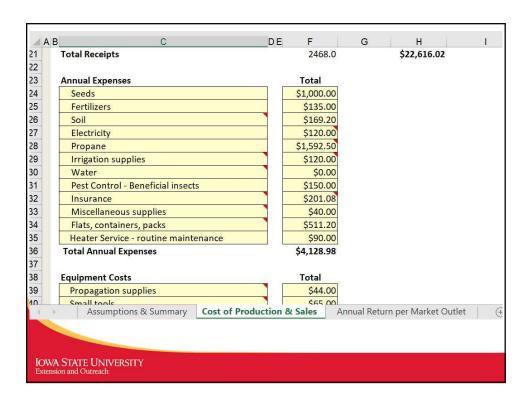
Farm, Food & Enterprise Development Program Coordinator, ISU Extension and Outreach

Market-based Enterprise Budget Toolkit

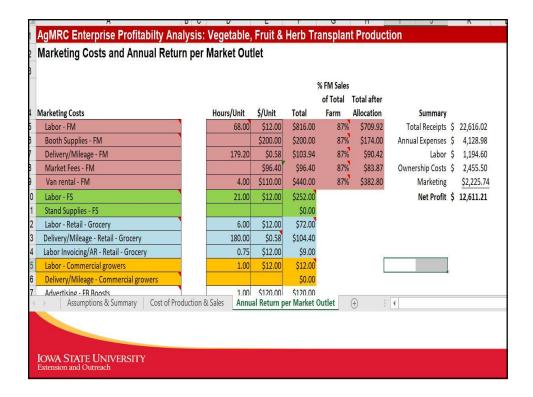
www.extension.iastate.edu/ffed/market-based-enterprise-budgets-toolkit/

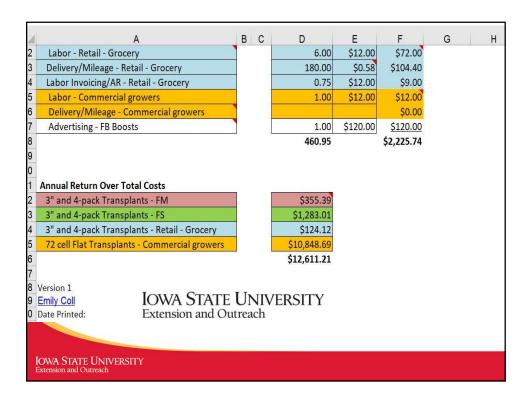






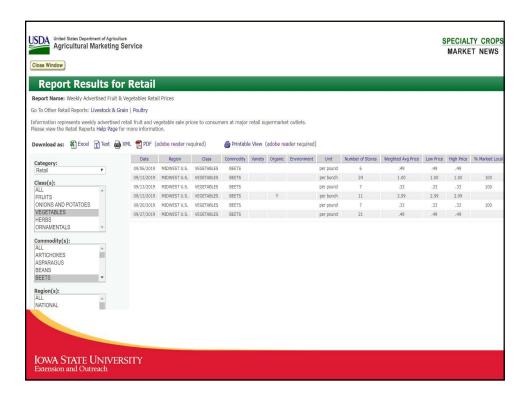
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	Hours	\$/Unit	Total
8	17.00	\$12.00	\$204.00
	23.00	\$12.00	\$276.00
	10.50	\$12.00	\$126.00
	0.25	\$12.00	\$3.00
	48.80	\$12.00	\$585.60
277 50.	99.55	76	\$1,194.60
	Annual		
8	\$1,424.00		
	\$162.50		
	\$470.00		
	\$200.00		
	\$2,256.50		
	\$7,779.08		
	DE	Hours 17.00 23.00 10.50 0.25 48.80 99.55 Annual \$1,424.00 \$162.50 \$470.00 \$200.00	Hours \$/Unit 17.00 \$12.00 23.00 \$12.00 10.50 \$12.00 0.25 \$12.00 48.80 \$12.00 99.55 Annual \$1,424.00 \$162.50 \$470.00 \$200.00





USDA AMS

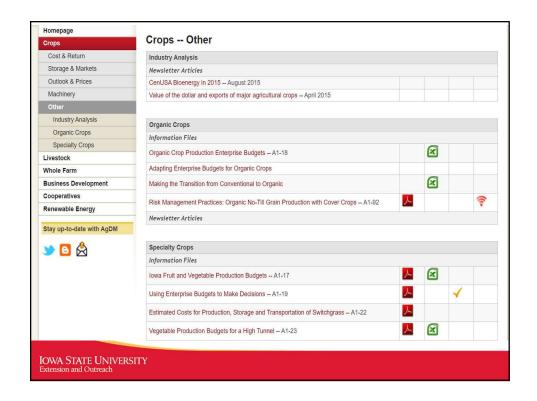
- Specialty Crops Custom Reports
- · Use as a resource to price your products
- · ALWAYS start with cost of production!



ISU Extension and Outreach AgDecisionMaker

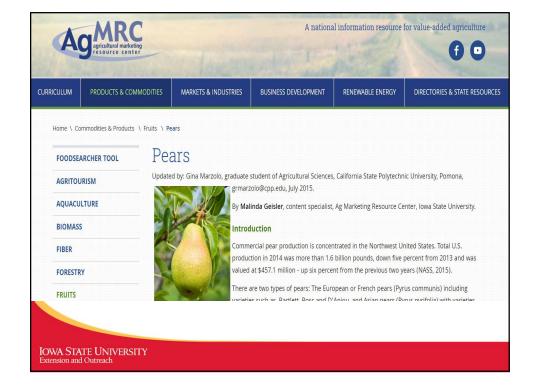
- https://www.extension.iastate.edu/agdm/cdother.html
- Used to compare other budgets
- · No market outlet analysis





AgMRC

- https://www.agmrc.org/
- Used for production, marketing, and other information per crop
- · LOTS of information
- Not just fruits and veggies but also food businesses like value-added products



Blackberries **Marketing Channels** $The \ marketing \ season \ for \ pears \ differs \ among \ the \ states \ they're \ produced \ in \ and \ their \ varieties. For \ California, Oregon$ Blueberries and Washington, the marketing season for Bartlett pears is from July to December. For other pears it is from July to June. In all other states the marketing season is from August to November (NASS, 2015). Cherries Pear has a very sweet flavor, but is not overbearing, making it a great fruit to incorporate into processed foods such as, Cranberries canned pears, baby food, glazes, vinaigrettes, and fruit bars. A way to add value to fresh pears could be starting a U-pick operation. Many consumers are concerned about where their produce comes from; therefore U-pick operations have the Dates ability to make consumers feel more secure and connected to their food. Some very important factors to consider regarding U-pick operations are making sure the site is convenient and appealing to customers. Often U-pick operations Dragon Fruit will supply a farm stand with already picked product for people who do not have the time, ability or want to pick their own Figs product (University of Tennessee - Extension, 2014). Tapping into niche markets is another way value can be added to a product. In recent years apple ciders and alcoholic Gooseberry pear beverages (known as perry), have become more popular (Michigan State University - Extension, 2013). Grapes Production Mulberries There are six main states in the U.S. that produce pears: California, Michigan, New York, Oregon, Pennsylvania and Washington. Of these states, California, Oregon and Washington make up the majority of production. Olives In 2014, Washington led the United States in pear production with 832 million pounds valued at \$233.8 million. Oregon Pawpaw produced 432 million pounds valued at \$127.4 million, and California Produced 378 million pounds valued at \$88.6 million. From these three states 776 million pounds were Bartlett pears valued at \$180.7 million (NASS, 2015).

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Questions??

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