Farm Fresh Food Boxes:

Expanding Rural Economies through New Markets for Farmers and Retailers







Research and Extension Project Team



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Background





Three Target Groups

Farmers



Retailers



Consumers





Farming and Marketing Trends

- Large, centralized farms sell a large volume at low prices
- National retail chains have forced small retailers out of business
- Hard for consumers to access fresh, affordable produce in some areas





Direct to Consumer (DTC) Approaches



- DTC includes farmers' markets, CSAs, farm stands
- 8% of U.S. farms sold product using DTC or intermediated sales (farm-to-institution sales, and food hubs); 70% of these used DTC exclusively
- DTC provides economic benefits to the wider community and enhances social ties between farmers and consumers



Typical CSA Model

- Consumer pays for entire season upfront
- Weekly pick-up on farm or at designated site off farm
- CSA variations: no commitment, pay weekly in CA





Drawbacks of DTC

- Up-front CSA subscription may not adequately cover labor costs
- Farmers' markets require transportation and staffing time
- Market for CSAs and farmers' markets is saturated in some places
- Low income consumer access can be limited because of price, convenience and culture





Farm Fresh Food Box (FFFB) Model





Farmer Role



Farmers offer weekly FFFB at participating retail sites that consumers can easily access. Box contents (and flyers) change throughout the season, to move product that is most abundant.



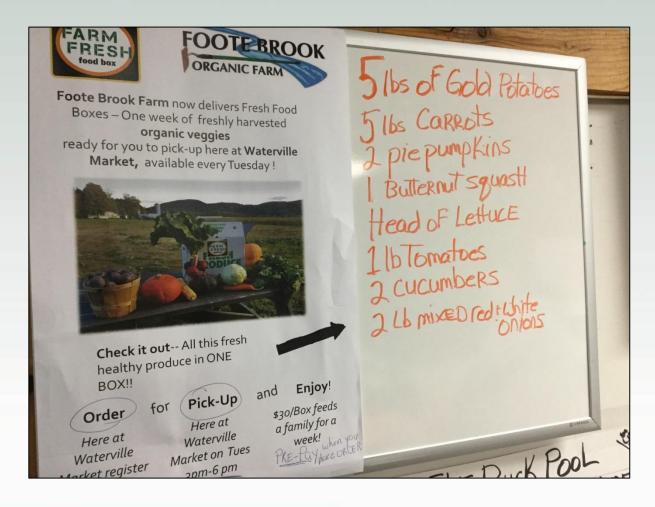
Retailer Role

Retailers provide a dropoff point for the FFFB, in exchange for a nominal transaction fee. Retailers advertise via sandwich boards, flyers, social media, and whiteboards detailing the cost and weekly content of the FFFB.



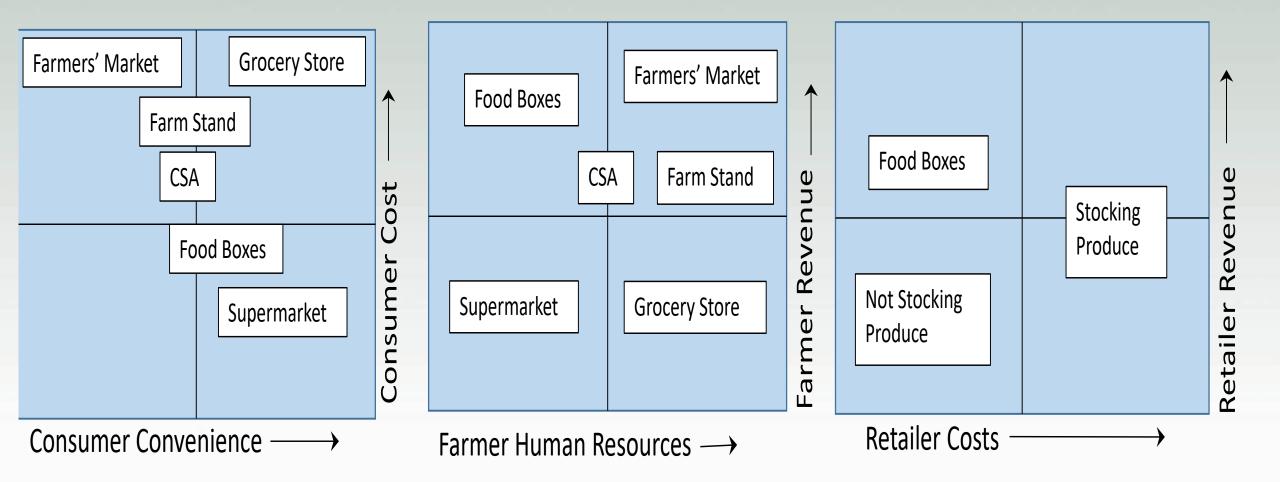


Consumer Role



Customers preorder a weekly FFFB at the retail site or on-line on a weekto-week basis for later pick-up. Customers can use SNAP/EBT.

Benefits for Consumers, Farmers & Retailers



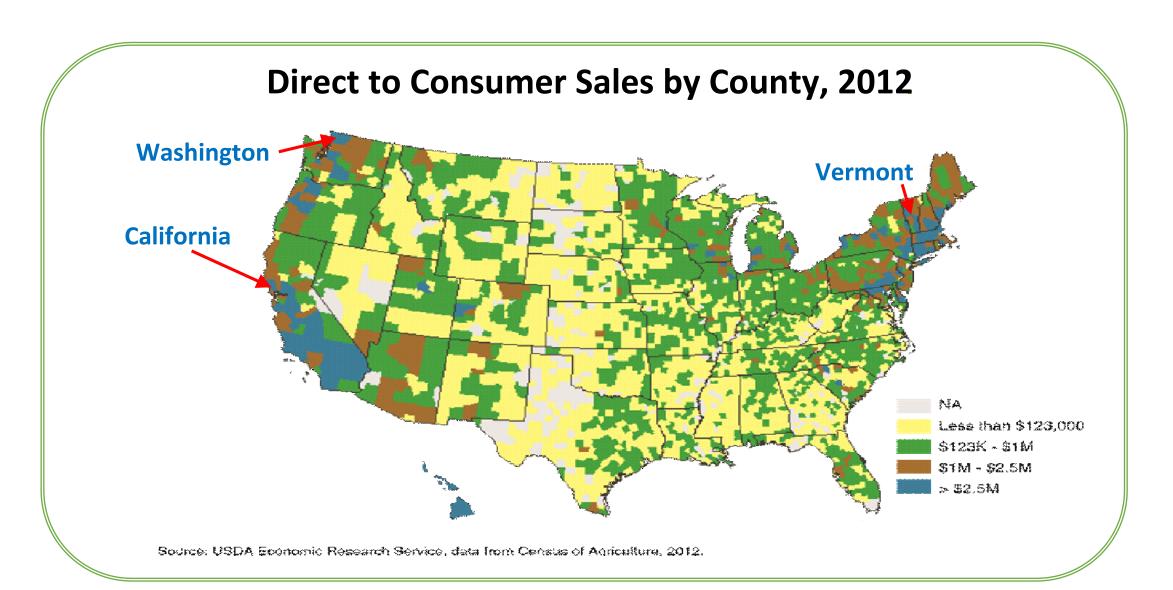


FFFB Research and Extension Pilot





Pilot Sites in CA, VT, and WA



Extension Objectives

- Recruit 2-4 farmers in each of state;
- Connect farmers with 4-6 retailers;
- Provide consumers with access to healthy foods at affordable prices in an accessible, convenient, and "comfortable" location;
- Determine best practices and disseminate information to producers and retailers.





Research Objectives



- Assess the market potential for the FFFB;
- Measure impact of FFFB project returns to farmers and retailers;
- Measure acceptability and use of FFFB among consumers;
- Compare benefits and barriers of FFFB project to farmers, retailers and consumers with the benefits and barriers of other direct sales approaches, namely farmers' markets and traditional CSAs.



Pre-Season

Extension

- Engages Retailers & Farmers
- Provides FFFB Materials

Farmers

- Get FFFB boxes and stickers
- Take the Demographic Survey!

Retailers

- Get Flyers, Sandwich boards and white boards
- Gets training on the Weekly
 Tracker from research team
- Take the Demographic Survey!
- Get customer order pads





During Growing Season

Extension

Ongoing technical support

Farmers

- Tells retailer weekly box contents
- Puts customer survey in box
- Receives orders from store, packs boxes, delivers to store

Retailers

- Display flyers, sandwich boards and white boards
- Takes orders, collects payments,
- Relays weekly orders to farmer
- Distributes boxes

Post-Season

Extension

- Supports data collection
- Provides stipends to participants

Farmers

 Participates in post-season interviews with researchers

Retailers

- Participates in post-season interviews with researchers
- Gets 10% of box sales from FFFB extension team



Outcome Measures and Analysis

Pre-Season

- Demographic Survey
- Pre-season FFFB Roster

During the Growing Season

- Weekly Tracking Form
- Customer Survey

Post-Season

Qualitative Interview





Farm Fresh Food Boxes Customer Survey

Thank you for participating in the Farm Fresh Food Box program!

This program is a part of a University of Vermont study looking at

getting fresh food from farmers to community members. This survey is voluntary, and we greatly appreciate your feedback. If you prefer, you can complete this survey online at FormFreshFoodBoxes.com. If you have any questions or concerns about participating, please contact the main researcher, Jane Kolodinksy at Jkolodin@uvm.edu.

Is this your first time			If not, how many Food Boxes
purchasing a Farm Fresh	Yes	No	have you purchased before
Food Box?			today?

What do you like most about your Food Box?

What do you like least about this Food Box?

Please tell us about your experience picking up this Food Box. On a scale of 1-5, with 5 being very satisfied and 1 being very dissatisfied, how satisfied were you with:

Pick up date:

Farm Name

	Very Di	ssatisfie	ed	Very Sati	sfled	
Ease of ordering	1	2	3	4	5	M/M
Convenience of pick-up	1	2	3	4	5	N/A
Interaction with retailer	1	2	3	4	5	N/A
Value for your money	1	2	3	4	5	N/A
Quality of the produce	1	2	3	4	5	N/A
Variety of produce	1	2	3.	4	5	M/04

How did you feel when you opened your Food Box? Circle all that apply. Happy Relieved Sad

Surprised

ised Curious

Overwhelmed Confused Wo

Morrisof

Processor and

Satisfied

When thinking about your Farm Fresh Food Box, please consider to what extent you agree or disagree with each of the following statements. 5: Strongly Agree, 4: Agree, 3: Neither agree nor disagree, 2: Disagree, 1: Strongly disagree Strongly Agree Strongly Agree

	Strongty	Agree	Stor	opely	Agre	e .
It was easy to try	1	2	3	4	5	N/A
could afford to try it	1	2	3	4	5	N/A
knew how to prepare all the items in	n 1	2	3	4	5	N/A
the box						

Preliminary Findings





Farmer Recruitment



Jericho Settlers Farm Fresh Food Box Harvest Bundles here at

Jericho Center Country Store!











Retail Site Recruitment





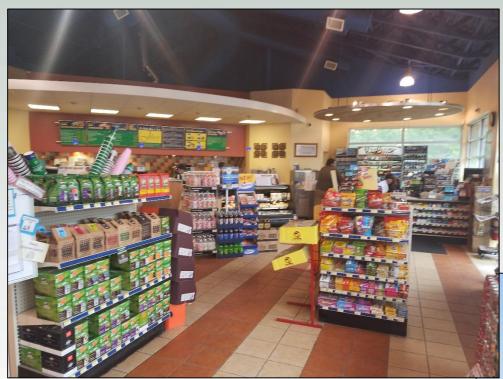








Possible Retail Site







Consumer Consumption









Consumer Survey

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	Boxes Customer Survey			Ľ	KK UP	10010	1	
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	wes.com. If you have any que					artici	pat	ing,
please contact the n	nain researcher, Jane Kolodin	ksy at <u>Iko</u> l	lodingu	vm.e	idu.			
ls this your first time	If not, how many	Food Box	ies (_		\neg		
purchasing a Farm Fresh Yes	No have you purchas	sed before	.					
Food Box?	today?			_		_		
What do you like most about your Food Box?	Please tell us about your On a scale of 1-5, with 5 is dissatisfied, how satisfied	being very	y satisfic					
	unsatisfied, from satisfied		issatisfied	,	Verv Sa	nistied	1	
	Ease of ordering	1	2	9	4	5		NU
	Convenience of pick-up	1	2	3	4	5		N/A
	Interaction with retailer	1	2	3	- 4	5		N/A
What do you like least about this		-	2	3	4	5		NO
What do you like least about this Food Box?		1						
	Value for your money Quality of the produce	1	2	3	4	5		N/A
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It was promoted in the store	1	2	3	4	5	N/A	It allows me to give my food dollars directly to the local farmers in my community	1	2	3	4	5	N
I have seen others picking them up	1	2	3	4	5	N/A	It is a good way for people to get food directly from their local	1	2	3	4	5	N/
I have seen it promoted on the internet	1	2	3	4	5	N/A	farmers It has potential to increase fresh food consumed in the	1	2	3	a		N
My neighbors would like the concept	1	2	3	4	5	N/A	community It has potential to increase	,	-	,	4	,	14
i will speak to friends/family it	1	2	3	4	5	N/A	purchases at this store	1	2	3	4	5	N/
The advantages make the							it will bring more of my neighbors to this store	1	2	3	4	5	N
box worth trying	1	2	3	4	5	N/A	I hope it is in this store next year	1	2	3	4	5	N
It gives me more access to fresh foods than I would have had otherwise	1	2	3	4	5	N/A	The contents are easy to prepare	1	z	3	4	5	N
It is convenient to pick up	1	2	3	4	5	N/A	It made it simple for me to plan meals	1	2	3	4	s	N/
It is less expensive than buying produce at a Farmer's Market	1	2	3	4	5	M/A	It made it easy to prepare meals	1	2	3	4	5	N
It is less expensive than other places I buy fresh produce	1	2	3	4	5	N/A	Is there anything else you w about your Food Box experie			us	tok	no	w
It is convenient to get a mix of produce items together	1	2	3	4	5	A/M							
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							rican Indian or Eskimo Asia	n or	Paci	ific	Isla	nde	e
White Black or A Other:													

Project Goals

Farmer

- Increase profitability
- Access new customers

Retailer

- Increase revenues
- Increase foot traffic

Consumer

 Purchase and consume additional produce





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Bibliography and References Cited

- 1. Lyson, T., Stevenson, G., & Welsh, R. (2008). Food and the mid-level farm: Renewing an agriculture of the middle. Cambridge, MA: MIT Press
- 2. Jilcott, S., Liu, H., Moore, J., Bethel, J., Wilson, J., & Ammerman, A. (2010). Commute times, food retail gaps, and weight status in rural and urban North Carolina counties. *Preventing Chronic Disease*, 7 (5), A107.
- 3. Liese A, Weis K, Pluto D, Smith E and Lawson A. (2007). Food store types, availability, and cost of foods in a rural environment. *Journal of the American Dietetic Association*, 107(11):1916-1923.
- 4. Blanchard, T., & Lyson, T. (2006). Food availability and food deserts in the nonmetropolitan south. Special Food Assistance Policy Series Number 12, April 2006, Southern Rural Development Center.
- 5. Low, S., Adalja, A., Beaulieu, E., Key, N., Martinez, S., Melton, A., . . . Jablonski, B. (2015). Trends in U.S. Local and regional food systems: A report to congress (Vol. 068). Washington, DC: USDA ERS.
- 6. Conner, D., Becot, F., Hoffer, D., Kahler, E., Sawyer, S., & Berlin, L. (2013). Measuring current consumption of locally grown foods in Vermont: Methods for baselines and targets. *Journal of Agriculture, Food Systems, and Community Development*, *3*(3), 83-94.
- 7. Andreatta, S., & Wickliffe, W. (2002). Managing farmer and consumer expectations: A study of a North Carolina farmers market. Human Organization, 61(2), 167-176.
- 8. Conner, D., Colasanti, K., Ross, R., & Smalley, S. (2010). Locally grown foods and farmers markets: Consumer attitudes and behaviors. Sustainability, 2(3), 742-756.
- 9. Conner, D., & Levine, R. (2006). Circles of association: The connections of community-based food systems. Journal of Hunger and Environmental Nutrition, 3(1), 5-25.
- 10. Lyson, T. (2004). Civic agriculture: Reconnecting farm, food, and community. Lebanon, NH: University Press of New England.
- 11. Sitaker, M., Kolodinsky, J., Jilcott Pitts, S., & Seguin, R. (2014). Do Entrepreneurial Food Systems Innovations Impact Rural Economies and Health? Evidence and Gaps. *American Journal of Entrepreneurship*, (2), 3-16.
- 12. Kirschenmann, F., Stevenson, G. W., Buttel, F., Lyson, T. A., & Duffy, M. (2008). Why worry about the agriculture of the middle? In T. A. Lyson, G. W. Stevenson & R. Welsh (Eds.), Food and the mid-level farm: Renewing an agriculture of the middle. Boston, MA: MIT Press.
- 13. Lobao, L. (1990). Locality and inequality: Farm and industry structure and socioeconomic conditions. Albany, New York: State University of New York Press.
- 14. Lyson, T., & Welsh, R. (2005). Agricultural industrialization, anticorporate farming laws, and rural community welfare. *Environment and Planning A*, 37(8), 1479-1491.
- 15. LeRoux, M., Schmit, T., Roth, M., and Streeter, D. (2010). Evaluating marketing channel options for small-scale fruit and vegetable producers. *Renewable agriculture and food systems*, 25(01), 16-23.
- 16. Brown, C., & Miller, S. (2008). Impacts of local markets: A review. American Journal of Agricultural Economics, 90(5),1296-1302.
- 17. Becot, F., Conner, D., Nelson, A., Buckwalter, E., & Erickson, D. (2014). Institutional demand for locally-grown food in Vermont: Marketing implications for producers and distributors. *Journal of Food Distribution Research*, 45(2), 99-117.

