

# APPLIED RESEARCH NEEDS IN REGIONAL FOOD SYSTEMS

Tools  
Strategies  
Policies  
and a  
Means of Communication



Enhancing Local and  
Regional Food Systems  
Hudson Valley Resort, Kerhonkson, NY

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# Applied Research Needs

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- How turn around the meat packing industry in the NE?
  - What is the feasibility intra-regional institutional sales?
  - How promote inter-regional cooperation?
  - How support scale-appropriate technologies?
  - How evaluate success and impact?
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# TOOLS: Mapping Food Systems

The screenshot shows the 'Food System Mapper' web application in a Mozilla Firefox browser. The browser's address bar displays 'http://www.maponline.net/fsm/'. The application has a red header with the title 'Food System Mapper™' and navigation buttons for 'MAPS', 'PRINT', and 'HELP'. Below the header is a 'Map Layers' panel with a list of categories: Community Gardens, Vouchers, Soup Kitchens, Food Pantries, Emergency Shelters, and Eating and Drinking Estab. The main map area shows a street grid in New York City with various colored overlays and markers. A zoomed-in view of a specific area is shown in the bottom-left corner, with a coordinate display: 'x-coord: -73.09799 y-coord: 40.03719'.

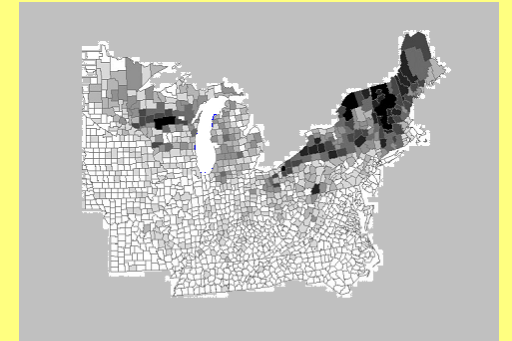
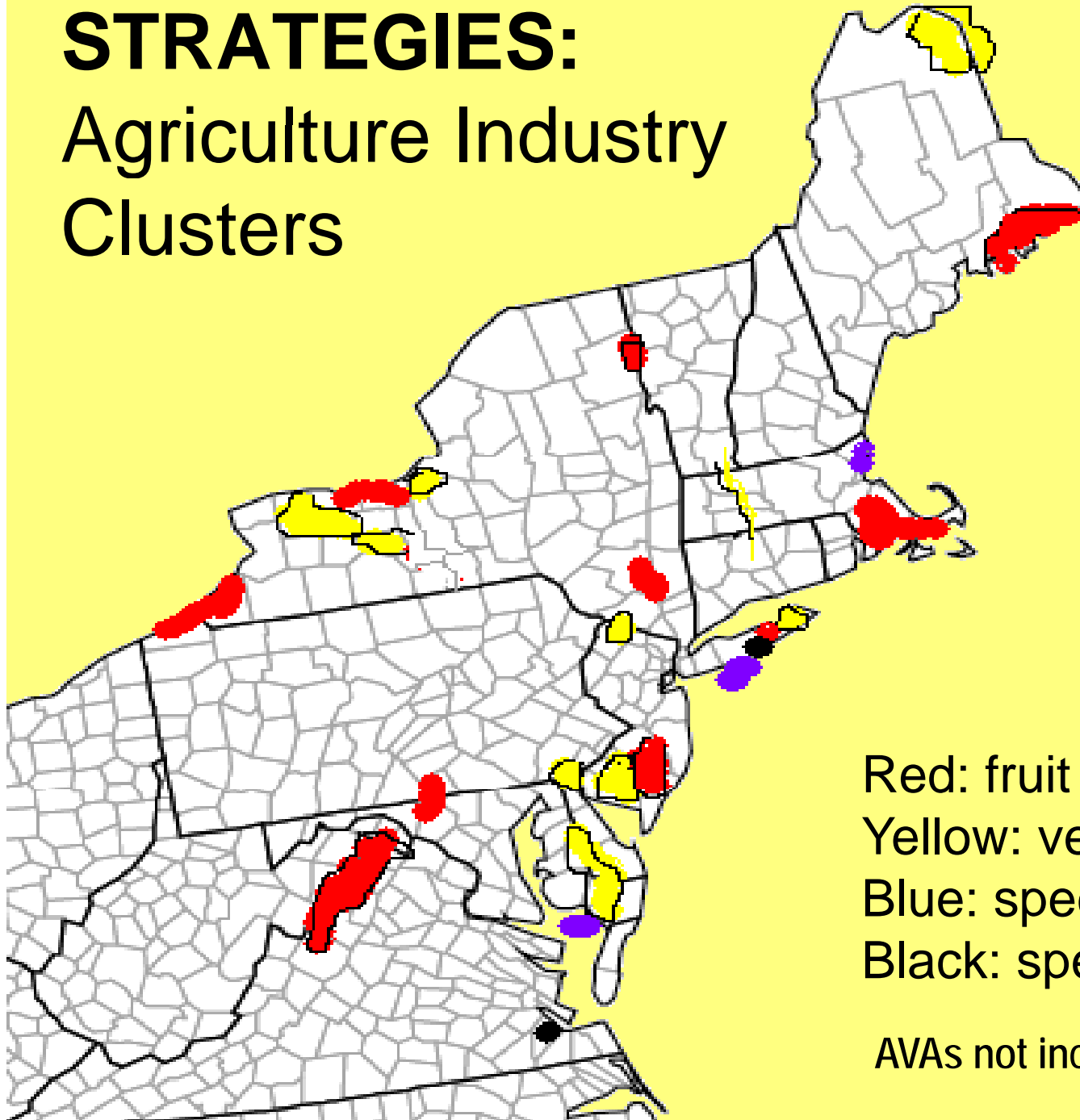
This screenshot shows a detailed map of New York City with multiple data layers overlaid. A legend on the left side of the map lists various categories such as 'White household and income', 'Hispanic/Latino', 'African American', 'Asian/Pacific Islander', 'People per square mile', and 'Median household income'. The map uses different colors and symbols to represent these different demographic and socioeconomic data points across the city's geography.

The screenshot displays the 'New York MarketMaker' website. The header features the logo 'NEW YORK MARKET MAKER™ Linking Agricultural Markets' and navigation links for 'Home', 'Help', 'About Us', 'FAQs', 'Contact Us', 'Search', and 'Login'. Below the header is a large banner with the text: 'An interactive mapping system that locates businesses and markets of agricultural products in New York, providing an important link between producers and consumers.' A 'Begin Your Search' button is prominently displayed. Below this, there is a section for 'South Carolina Launches MarketMaker' with a 'news' icon and a 'read more' link. At the bottom, there are sections for 'Resources', 'New Users', and 'Case Studies', each with a 'MarketMaker' logo and a 'CLICK TO ACCESS PARTNER SITES' button. The footer includes the 'MARKETPLACE' logo and a 'Related Web Sites' link.

# TOOLS: Progressive Agriculture Index (var. “Lyson Civic Ag. Index”)

County	D2C Per Capita Sales	D2C Per Capita Sales INDEX	Conservation INDEX	Value-Added INDEX	CSAs per 100K pop	CSA INDEX	% Farms with Female POs	Female PO INDEX	Organic Acreage INDEX	Progressive Ag. Index
Washington\San Juan	\$ 48.57	2.44	3.12	4.00	0.055	3.06	34%	2.45	2.24	17.31
<b>Vermont\Grand Isle</b>	<b>\$ 71.04</b>	<b>3.58</b>	<b>1.99</b>	<b>3.42</b>	<b>0.07</b>	<b>3.89</b>	<b>30%</b>	<b>2.15</b>	<b>0.97</b>	<b>15.98</b>
Washington\Kitsap	\$ 3.59	0.18	2.83	2.72	0.044	2.44	41%	2.98	4.33	15.49
<b>Vermont\Addison</b>	<b>\$ 147.82</b>	<b>7.44</b>	<b>2.04</b>	<b>2.78</b>	<b>0.016</b>	<b>0.89</b>	<b>20%</b>	<b>1.45</b>	<b>0.63</b>	<b>15.24</b>
<b>Massachusetts\Franklin</b>	<b>\$ 48.17</b>	<b>2.42</b>	<b>2.05</b>	<b>3.86</b>	<b>0.058</b>	<b>3.22</b>	<b>26%</b>	<b>1.89</b>	<b>0.95</b>	<b>14.40</b>
<b>Maine\Lincoln</b>	<b>\$ 31.38</b>	<b>1.58</b>	<b>1.66</b>	<b>3.36</b>	<b>0.052</b>	<b>2.89</b>	<b>34%</b>	<b>2.42</b>	<b>1.85</b>	<b>13.76</b>
<b>Massachusetts\Middlesex</b>	<b>\$ 4.42</b>	<b>0.22</b>	<b>1.42</b>	<b>2.50</b>	<b>0.069</b>	<b>3.83</b>	<b>38%</b>	<b>2.73</b>	<b>2.62</b>	<b>13.32</b>
Washington\Jefferson	\$ 10.03	0.51	3.85	1.97	0.028	1.56	36%	2.59	2.84	13.32
<b>Vermont\Windham</b>	<b>\$ 48.53</b>	<b>2.44</b>	<b>2.10</b>	<b>3.25</b>	<b>0.033</b>	<b>1.83</b>	<b>29%</b>	<b>2.09</b>	<b>1.19</b>	<b>12.90</b>
Oregon\Hood River	\$ 58.09	2.92	2.78	2.17	0.031	1.72	19%	1.35	1.73	12.67
<b>New York\Columbia</b>	<b>\$ 66.79</b>	<b>3.36</b>	<b>2.25</b>	<b>2.69</b>	<b>0.031</b>	<b>1.72</b>	<b>27%</b>	<b>1.96</b>	<b>0.35</b>	<b>12.35</b>
California\Marin	\$ 6.67	0.34	2.67	4.58	0.035	1.94	33%	2.34	0.44	12.32
<b>Maine\Androscoggin</b>	<b>\$ 21.59</b>	<b>1.09</b>	<b>2.03</b>	<b>3.53</b>	<b>0.045</b>	<b>2.50</b>	<b>25%</b>	<b>1.81</b>	<b>1.06</b>	<b>12.02</b>
Washington\Clallam	\$ 6.44	0.32	2.65	3.08	0.01	0.56	30%	2.17	3.16	11.94
<b>Rhode Island\Newport</b>	<b>\$ 15.35</b>	<b>0.77</b>	<b>2.10</b>	<b>2.97</b>	<b>0.032</b>	<b>1.78</b>	<b>26%</b>	<b>1.89</b>	<b>2.37</b>	<b>11.89</b>
<b>Maine\Hancock</b>	<b>\$ 18.24</b>	<b>0.92</b>	<b>1.97</b>	<b>3.03</b>	<b>0.039</b>	<b>2.17</b>	<b>27%</b>	<b>1.98</b>	<b>1.82</b>	<b>11.88</b>
<b>Vermont\Orange</b>	<b>\$ 54.48</b>	<b>2.74</b>	<b>2.12</b>	<b>2.83</b>	<b>0.028</b>	<b>1.56</b>	<b>16%</b>	<b>1.16</b>	<b>0.98</b>	<b>11.39</b>
<b>New Hampshire\Strafford</b>	<b>\$ 9.78</b>	<b>0.49</b>	<b>1.76</b>	<b>4.50</b>	<b>0.033</b>	<b>1.83</b>	<b>26%</b>	<b>1.88</b>	<b>0.82</b>	<b>11.28</b>
Washington\Island	\$ 3.22	0.16	2.16	3.39	0.024	1.33	31%	2.25	1.95	11.24
Oregon\Josephine	\$ 5.51	0.28	2.48	2.92	0.025	1.39	28%	1.98	2.07	11.12
<b>Vermont\Washington</b>	<b>\$ 20.26</b>	<b>1.02</b>	<b>2.17</b>	<b>2.75</b>	<b>0.032</b>	<b>1.78</b>	<b>29%</b>	<b>2.09</b>	<b>1.28</b>	<b>11.09</b>
Virginia\Rappahannock	\$ 66.26	3.33	2.12	2.19	0.012	0.67	34%	2.48	0.23	11.02
<b>Vermont\Chittenden</b>	<b>\$ 19.20</b>	<b>0.97</b>	<b>2.03</b>	<b>2.86</b>	<b>0.042</b>	<b>2.33</b>	<b>26%</b>	<b>1.89</b>	<b>0.90</b>	<b>10.98</b>
<b>Maine\Waldo</b>	<b>\$ 23.19</b>	<b>1.17</b>	<b>2.18</b>	<b>2.50</b>	<b>0.038</b>	<b>2.11</b>	<b>23%</b>	<b>1.66</b>	<b>1.28</b>	<b>10.90</b>
Maine\Knox	\$ 41.20	2.07	1.90	2.28	0.026	1.44	35%	2.51	0.70	10.90

# STRATEGIES: Agriculture Industry Clusters



Regional  
Agriculture  
Cluster  
Retention and  
Expansion  
Program

Red: fruit belts  
Yellow: vegetable regions  
Blue: specialty fisheries  
Black: specialty meats

AVAs not included

# STRATEGIES: Geographic indications of Northeast “Signature Products”

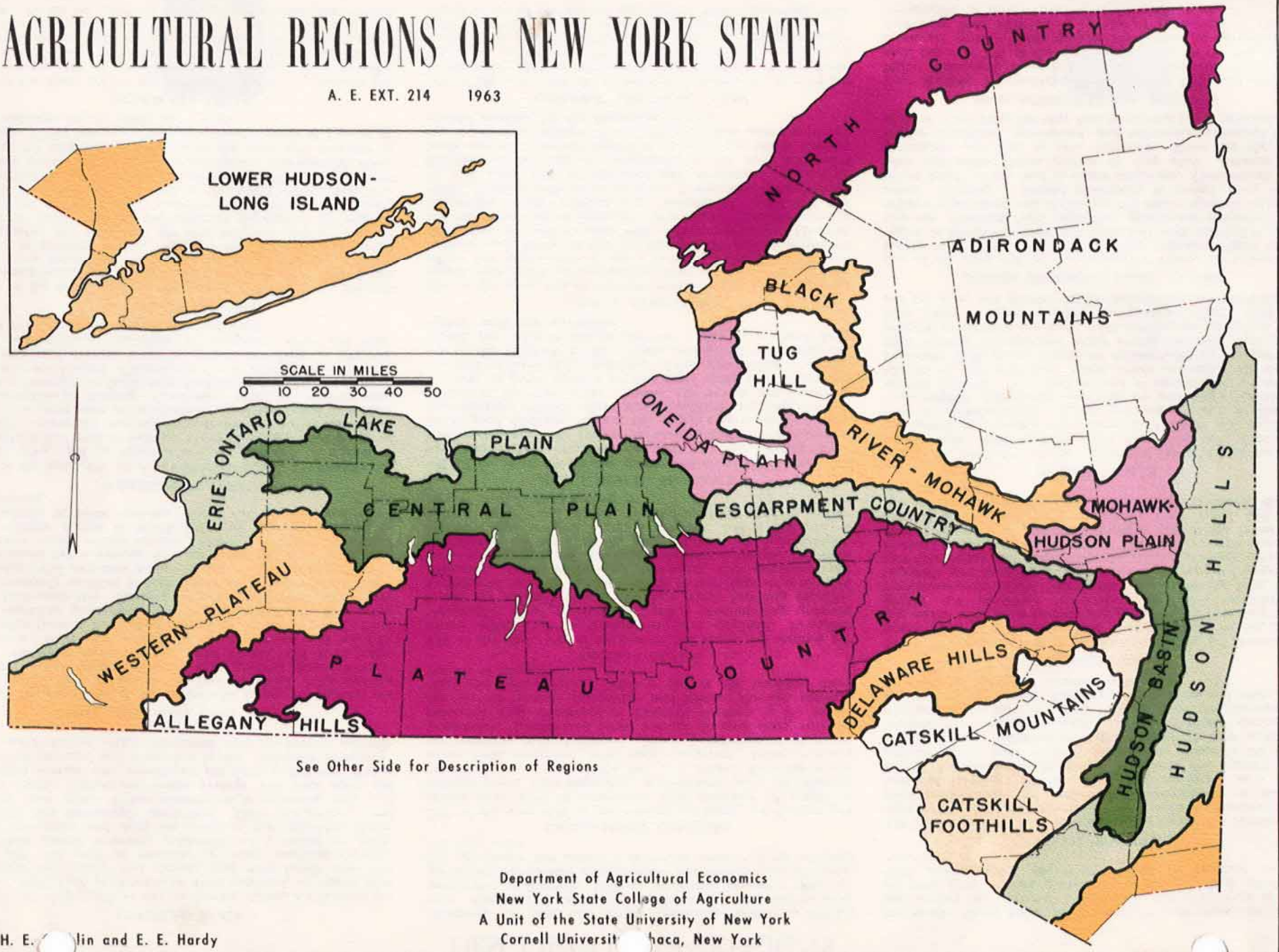


# AGRICULTURAL REGIONS OF NEW YORK STATE

A. E. EXT. 214 1963



SCALE IN MILES  
0 10 20 30 40 50



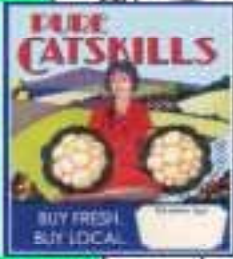
See Other Side for Description of Regions

Department of Agricultural Economics  
New York State College of Agriculture  
A Unit of the State University of New York  
Cornell University Ithaca, New York

# Regional Food and Agriculture Marketing Campaigns



Pride in NY Farms!





# POLICIES: “*Certified Family Farm Friendly Communities*”



## 1. FFF Land-use planning

Agricultural districts which provide tax benefits  
Right-to-farm law  
Cluster zoning  
Smart growth plan  
PDR TDR  
Land trust  
Conservation incentives  
Purchase development rights

## 2. FFF Economic Development

Sponsors or participates in regional promotion campaign;  
buy local campaign  
Farmers' market(s); public market  
Economic development  
New farmer program  
ACRE  
Farm recruitment program  
Farm-to-school program  
Risk Management program  
Food Festival  
Website with farm listings  
Brochures with farm listings  
Community supported auction house  
Shared-use kitchen  
Agriculture development specialist (in CE, Planning, Econ. Devel)

## 3. FFF Community Development

Farm-neighbor relations (conflict mitigation program)  
Farm labor welcome (bienvenito)  
Labor camp inspection program  
Farm-City Day  
County Fair  
Food manufacturing tours  
Farm tours  
Slow Food Chapter  
Chefs Collaborative Chapter  
At least one legitimate family farmer on county board  
Annual indicators to measure progress toward FFF  
Ongoing Farm survey panel  
Food Policy council  
Agriculture in the classroom program in local schools  
Vocational agriculture program  
Youth programs (e.g., FFA, 4-H)

## 4. FFF Environmental Sustainability

Best Management Practices  
Local CAFO regulation (health ordinance or the like)

## Bonus points

Community Food Assessment  
Mobile farmers markets  
Stable or growing CE budget  
Demonstration of innovative programs  
Conduct cost of services study

# ... and a MEANS OF COMMUNICATION

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## Proposed Journal of Food System and Agriculture Development

...for Community Development Practitioners, Agencies, Students  
and Faculty

SHARE YOUR IDEAS: Go directly to Food System Journal  
SURVEY at

[www.surveymonkey.com/journalsurvey](http://www.surveymonkey.com/journalsurvey)

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