Changing the Way We Look at Agriculture:

Opportunities for RDNs

Jennie Schmidt, MS, RD Schmidt Farms Inc. Twitter: @FarmGirlJen Facebook: The Foodie Farmer Instagram: @DirtDietitian





Food Is Plentiful! Therefore Farming is EASY... right?

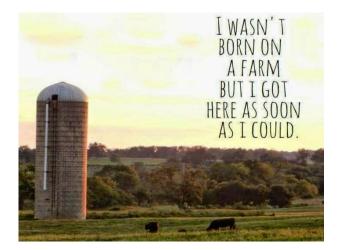


Schmidt Farms Inc.

3rd Generation in USA
2000 Acres in Maryland
Corn (biotech & conventional production; formerly certified organic)
Soybeans (tofu, feed & seed)
Wheat (flour, feed & seed)
Barley (seed)
150 acres Roma tomatoes
160 acres fresh market green beans
250 acres of hay
22 acres winegrapes



Our Farm Goal: Synergistic Farming: using the best practices from all farming systems to maximize value per acre producing safe, high quality foods, while preserving and improving our soils and sustaining the family farm for the next generation





Disclosure



- This presentation is part of the Academy of Nutrition and Dietetics Foundation's Future of Food initiative and is supported through an educational grant to the Foundation from Elanco and National Dairy Council.
- This presentation was developed in collaboration with the RDN Farmer expert group.
- Stipend and travel funds to present at this meeting was received from the Academy Foundation through Elanco and National Dairy Council.



Who Am I? Farmer, Dietitian, Promoter of Food & Farming

- 2011 America's Farm Mom of the Year
- CommonGround Volunteer
- Board Member
 - 1st Female & V.P. Maryland Grain Producers
 - US Wheat Foods Council
 - Past-Pres, MD Grape Growers Assoc. Past Chairman, Maryland Farm Bureau Specialty Crop
- Academy of Nutrition & Dietetics -
 - Advanced Food Technology workgroup
 - HEN member (since before it was HEN)



Academy of Nutrition right. and Dietetics



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AMERICA'S FARMERS

commonground

Introduction

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	Future of Food Initiative	

- How many of you feel more people want to know more about where their food comes from and how it was grown?
- How many of you are getting questions • about locally-grown, carbon footprint, or sustainable or organic food?
- How many of you are seeing more farmers' markets in your neighborhoods?
- How many of you have ever been on a farm?



Future of Food Initiative

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Improving Food Security: Dietitians Bring Nutrition Expertise to the Table POSTED ON JUNE 14, 2012



Ethan Bergman, President of the Academy of Nutrition and Detector, addresses the Future Food Conference in Washington, D.C. Holos courtery of Washington Post Live. By Ethan A. Bergman, PhD, RD, FADA, CD President Academy of Nutrition and Dietetics





Future of Food Initial Accomplishments





Future of Food Expansion Accomplishments



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Last year donors' generosity helped us award:

\$141,000 in awards

\$357,000 in research grants and fellowships

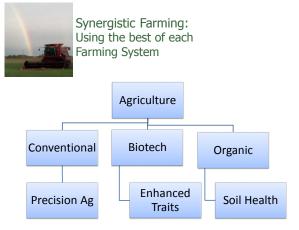
\$505,000 in student scholarships

\$1,140,000 in grants to Kids Eat Right members

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US Farmers & the State of US Farming



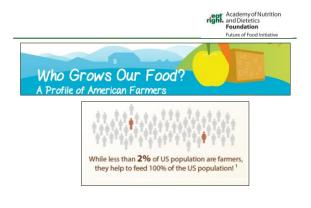




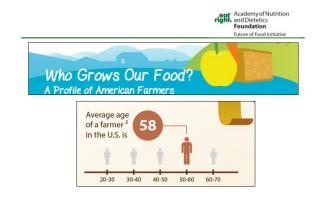
Comparison of Practices

Practice	Conventional	Biotech	Organic
No-Till	\checkmark	\checkmark	(√)
Crop Rotation	\checkmark		\checkmark
Cover Crop	\checkmark	\checkmark	\checkmark
Green Manure	\checkmark	\checkmark	\checkmark
IPM	\checkmark	\checkmark	\checkmark
Fertilizers	\checkmark		√ Manure
Pesticides	\checkmark	\checkmark	√ OMRI
Precision Ag	\checkmark	\checkmark	(√)

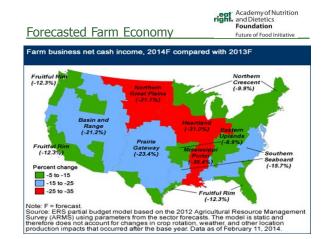






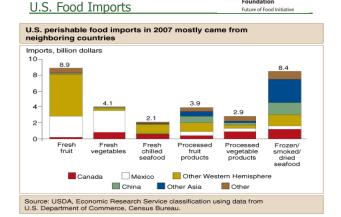




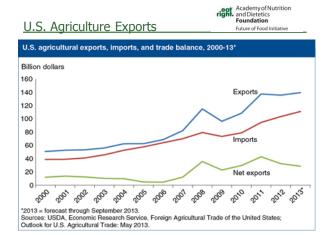




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- USDA Sustainable Agricultural Systems 1. Integrating sustainability issues and approaches into a range of **USDA science**
- priorities
- 2. Building a framework for sustainability data
- 3. Advancing the understanding of local and regional food systems, a key part of the USDA strategy for rural prosperity
- 4. Improving the performance of organic agriculture

Our conventional family farm has been using No-till & cover cropping systems since 1965

WHO and FAO

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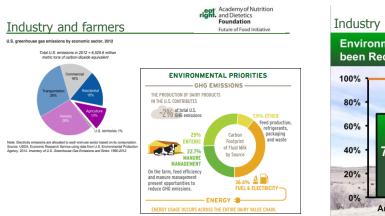
World Health Organization (WHO) Authority for health within United World Health Nations Organization

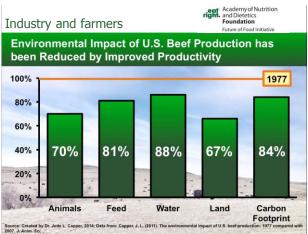
Food and Agriculture Organization of the United Nations

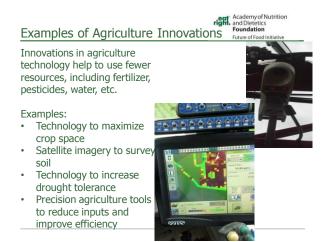
Food and Agriculture Organization (FAO)

· Works to achieve food and nutrition security globally

right. Academy of Nutrition and Dietetics Foundation Examples from Academy Position Paper Feed the Future FROM THE ACADEMY right. Save & Grow Position of the Academy of Nutrition and Dietetics: Nutrition Security in Developing Nations: Sustainable Food, Water, and Health Urban Harvest Bangladesh Homestead Food Production Program







Precision Ag Technology



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Educate: Academy of Nutrition And Directics Hold an event connecting RDs and Farmers Future of Food Initiative Maryland RDNs Connect with Farm Women through Common Ground™







Educate:

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Future of Food Initiative

Ohio RDs Experienced the Journey of Milk from Farm to Lunch Tray





Educate:



Hold an event connecting RDs and Processors Future of Food Initiation









Educate Others!



New toolkit (release date 3-2-15)

Smart Choices.

For a Healthy Planet.

- 25-minute PowerPoint presentation plus 5-minute • suggested activity
- Target audience: adults or mature teens
- Toolkit includes notes pages and downloadable handout
- Available in English and Spanish





www.kidseatright.org/volunteer

right. Academy of Nutrition and Dietetics Foundation Educate: Apply for a Mini-Grant Future of Food Initi New toolkit (release date 3-2-15) SMART CHOICES Smart Choices. For a Healthy Planet For a Healthy Planet.

41 Autor

About the Mini-Grants:

- Mini-grant application due May 1, 2015 •
- Twenty-five (25) \$200 mini-grants available
- Mini-grantees agree to complete:
 - 2 presentations
 - Short online survey report
- Access the mini-grant application at

www.eatright.org/foundation/kergrants

Questions? Email Kidseatright@eatright.org

Educate: Volunteer for "Ag in the Classroom" Academy of Nutrition and Dietetics Foundation Future of Food Initiative





www.fns.usda.gov/farmtoschool

Advocate: Promote grower-buyer expos

Grower-Buyer Expos

- Expand opportunities for more local products in schools, hospitals, institutions or supermarkets.
- Opportunity for growers to increase local distribution.
- Excellent way for RDs to connect with farmers.



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Future of Food Initiati

Advocate: Organize a "Food Cluster"

Cr" Academy of Nutrition and Dietetics Foundation Future of Food Initiative

Mission:

To create a healthy community through a resilient, local food system and to support and promote local food production, distribution and consumption.

Building Public/Private Partnerships

- Businesses
- Organizations
- Individuals

Together:

- Influence public policy decisions
- Establish high impact projects
- · Create a strong network of food system leaders



Photo credit: Northern Colorado Food Cluster

Colorado Food Cluster

Advocate:	right. Academy of Nutrition
Darticipata in public policy offerta	Foundation
Participate in public policy efforts	Future of Food Initiative

- Supplemental Nutrition Assistance Program (SNAP)
- The Emergency Food Assistance Program (TEFAP)
- Commodity Supplemental Food Program (CSFP)
- Fresh Fruit and Vegetable Program (FFVP)
- Supplemental Nutrition Assistance Program Nutrition Education (SNAP-Ed)
- Beginning Farmer and Rancher Development Program
- Conservation Stewardship Program (CSP)
- Environmental Quality Incentives Program (EQIP)
- · IRS: Nonprofit hospitals can claim nutrition access aid



Communicate: Promote the Food Waste Challenge!



Reduce food waste by improving product development, storage, shopping/ordering, marketing, labeling, and cooking methods.

- *Recover* food waste by connecting potential food donors to hunger relief organizations like food banks and pantries.
- **Recycle** food waste to feed animals or to create compost, bioenergy and natural fertilizers.







Communicate: Volunteer in your local community err Academy of Nutrition right. and Dietetics Foundation Future of Food Initiative



California State University, Sacramento students volunteering at a "Nutrition Fuels Fitness" race. Race proceeds benefited local organizations working to reduce childhood obesity.







Thank you!

Questions?

