

What is Sustainability?



 Sustainability is a balanced approach to incorporating environmental, social and economic components into food production systems

Why should we document?

- □ Value chain and consumers demand it
- □ Gain and keep market share
- Domestic and international

How can we document sustainability?

Multiple programs are available:

- □ Keystone, Field to market
 - □ Performance metrics, corn, soy, wheat, etc.
 - Outcomes: air/water quality, energy, GHG, etc.
 - □ Industry driven
- □ Various Value Chain Initiatives
 - □ Walmart, McDonalds, Sysco, NPC, etc.
 - □ Regional, national, global
 - □ Increasing range of products
 - □ Industry driven

Currently Involved with Processing Industry?

- □ Stewardship Index for Specialty Crops (SISC)
 - □ Performance metrics: fruits, vegetables, nuts
 - Outcomes: air/water quality, biodiversity, GHG, etc.
 - □ Industry-driven
- □ National Initiative for Sustainable Agriculture (NISA)
 - Originated in Wisconsin
 - □ Practice-based
 - □ Crop and animal systems
 - Soy, rice, vegetables, cranberry, etc.
 - Dairy, pork
 - Producer-driven

Where does the processed vegetable industry fit?

- □ Competitive industry processed vs. fresh
- □ Competing individual companies
- Multiple assessments
- □ Global demands: Europe, Pacific Rim
- □ No economic return

Meeting the Challenge?

- □ Industry active with
 - □ Stewardship Index for Specialty Crops Industry based
 - □ Private initiatives value chain based
 - □ NISA through USDA:SCRI Producer driven

USDA SCRI Grant

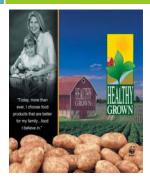
Building Market Foundations for Sustainable Vegetable Production and Processing

- □ Kickoff 3-5 pm today, 9-noon Wednesday
- USDA, Specialty Crops Research Initiative Paul Mitchell
- □ Patterned after Healthy Grown
- □ Sweet Corn and Green Beans
- ☐ Midwest (WI, MN, IL), Pacific NW (WA, OR), East (NY)
- □ Partnership of processors, growers, research, scientist
- □ National processor/grower advisory board

USDA SCRI Grant- Expected Outcomes

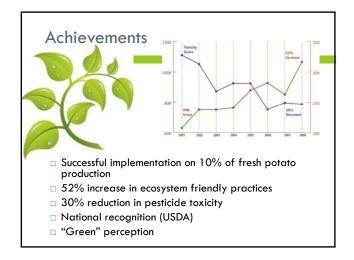
- Baseline of current sustainability status and past achievements documented
- Whole farm and crop assessment will meet all assessment needs
- $\ \square$ Key practice drivers identified
- Key practices tested and outcomes measured in targeted, on-farm research
- Strengthen linkages between grower practices (NISA) and measureable outcomes (SISC)
- Identify traits valued by consumers and value chain and determine economic cost

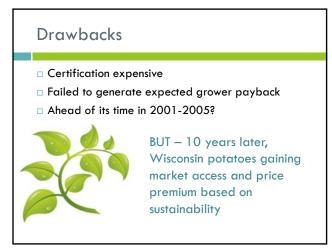
Origins of Processed Vegetable Sustainability in Midwest

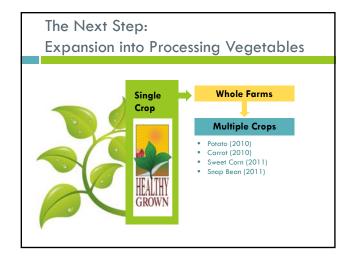


Guiding Principals

- □ Grower driven
- Research-based
- Ecosystem friendly practices
- Cap on pesticide toxicity
- Independent certification
- Return to growers
- □ Market Launch 2001

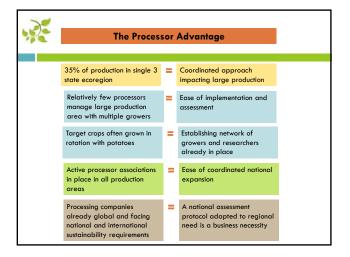


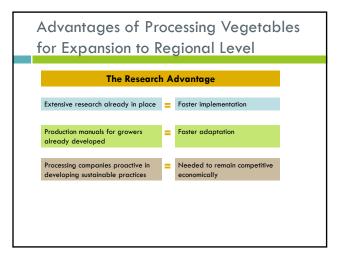




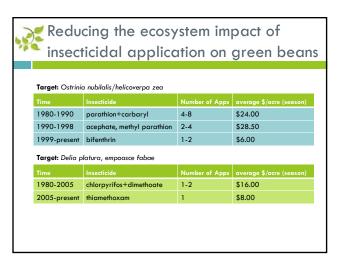
Advantages of documenting sustainability of processing industry

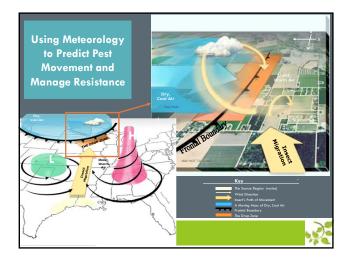
| Ideally positioned to serve as a national model |
| Industry has pioneered sustainability |
| Unique food system from both processor and research perspectives

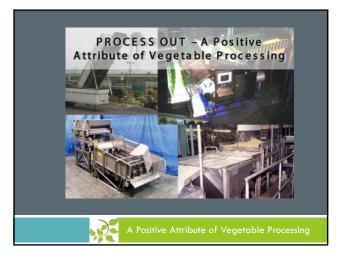












The Future: National Initiative for Sustainable Agriculture (NISA)

- Federation of producer-driven sustainability initiatives
- Implementing sustainable farm and crop management systems that are regionally appropriate and can effect change at the farm level
- □ Harmonized to create a national standard
- Satisfy the performance expectations of all segments of the value chain
- Partnerships and synergy with other sustainability programs (eg SISC, FTM)

Conclusions

- □ Yes! Sustainable processed vegetable production in the US is an achievable goal!
- □ The USDA: SCRI Grant provides a vehicle to achieve the goal.



