Farm Scope

- 93,000 acres
- Approximately 145 square miles (think the area of Portland, OR)
- 23,000 acres in conservation area
- 39,524 acres of irrigated farm land
- 1,650 acres La Grande Seed Farm
- 10,532 leased acres
- 33,000 milk cows
- 30,000 young stock
- 2 million pounds of milk produced daily
- 27 milk tankers shipped daily
What We Grow

41,174 owned
10,532 leased
51,706 Total Acres Farmed
What We Grow

8,478 acres potatoes
15,267 acres organic crop
4,332 acres alfalfa
10,254 acres feed corn
2,668 acres sweet corn
3,332 acres wheat
1,857 acres pasture/other
5,519 acres other rental

51,706 Total Acres Farmed
The Whole Farm
A SUSTAINABLE, CLOSED-LOOP SYSTEM
Growth of Organic Farming

25% CAGR

2002: 272
2003: 354
2004: 433
2005: 502
2006: 562
2007: 616
2008: 666
2009: 713
2010: 758
2011: 802
2012: 846
2013: 889
2014: 933
2015: 977
2016: 1022
2017: 1068
2018: 1116
2019: 1168
2020: 1225

Total: 15,275
The Evolution of Dairy
Modernized Milking Equipment

- New freestall barns and dairies = increased milk production
- Robots = improved milk quality
- Sort gates = increased efficiency
State-of-the-Art Technology and Data Collection

- General health information
- Tracking milk production for food safety
- Daily data for prompt decision making
Feeding System & Hutch Upgrades

• Batch boxes
• Plastic calf hutches
Animal Welfare
Animal Welfare Program

3-tiered program

1. Animal Welfare Committee
2. Third-Party Advocate -- Mike Paros, DVM, Evergreen University
3. Third-Party Certification
   - 100% score on Validus audit

Ph.D. nutritionist

Fun Fact: Dairy cows eat about 100 pounds of food per day, equivalent to a normal adult human eating 250 hamburgers. And they drink 50 gallons of water a day, which is like drinking an entire bathtub full of water.
Our People
Intern Program

- Prepare young people for careers as Ag professionals
- Scholarship aid
- Professional guidance
- Agronomy, animal science, animal nutrition, crop science, agriculture economy
- Opportunity for full-time employment upon graduation
- Upward mobility into management
- 8 former interns currently on staff
Investing in Our Future... and Theirs

Then...

Nick Benavides

Amelia Haguewood

And Now
Union Team Members

- Farm and livestock hourly employees under union agreement since July 2007
- Current contract through June 2019
- Allows for employee advancement
- Allows for management flexibility
- Health and welfare plan
Community

- 4-H Heifer Program
- Oregon Food Bank
- Boardman Fire District
- Boardman Health Clinic
- Boardman Daycare Center
Industry and Government Affairs Involvement

- Oregon Board of Agriculture
- Oregon Dairy & Nutrition Council
- DMI (Undeniably Dairy)
- Potatoes USA
- Oregon Potato Commission
- Oregon Dairy Farmers Association
- Oregon Legislature Working Groups
Waste Management through Green Energy Generation
Methane Digester

- 4.8 MW capacity
- 4.5 MW average production
- 80,000 – 90,000 tons of carbon captured annually
- Creates sterile bedding for cow comfort
- Expansion plan and conversion to RNG in 2019
RNG Conversion

- 565,000 MMBTU methane produced annually
- Marketed to states with LCFS legislation (California, Oregon & Canada)
- Price of gas is computed using the LCFS and RIN programs
- Additional 5-8 million gallons digester capacity
RNG Conversion

• Total Capital = $59 million
• Partner with Equilibrium Capital
  ✓ Market expertise
  ✓ Investment in dairy states

• Process 100% of milking cows’ manure
  ✓ 31-33,000 head
• 22 day retention
• +13 full-time employees
• $70,000 annual avg. wage
Questions?