Panelist Profile, Group-Housed Calf Systems
Lawnhurst Farms, Stanley, NY
The Jensen Family
1200 cows + calves from a 700 cow neighbor dairy, up to 200 calves on milk

- 8 pens, 4 each side of the milk room/office
- Concrete floor
- Up to 25 calves per pen
- 4 Delaval robotic feeders
- 1 nipple per pen/2 per feeder

Phillip with Don Jensen
• Summer ventilation – open side and end walls, cross mounted fans
• Winter ventilation – positive pressure tubes, curtains and ridge opening
- Plastic barrel grain feeders
- 22% pellet starter
- Free choice water

- Transfer/holding bulk tank is trailer mounted with complete cooling system attached
- Waste milk cooled to 50°F
- Diluted acid is mixed
- Acidified milk may remain on board for 3 days before transfer to calf barn

- Milk room bulk tank with cleaning system – sanitized 3X weekly
- Agitator set for 1 minute on every hour
- Calves fed acidified whole milk for 21-28 days then straight 22:20 milk replacer - both delivered by the robotic feeder
• Robotic feeder programmable for each calf
  • Individual or group medications can be delivered with milk or MR
  • Feeders cleaned/sanitized automatically 2X daily
    • Time and amount of liquid consumed recorded for each calf
      • Interfaces with computer program

• Calf barn office and medicine room
  • Computer, printer and farm radio
  • Spreadsheet for event and feed intake data entry
### Summary of Practices - Lawnhurst Farms

- **Feeding System**: 4 DeLaval CF1000 robotic feeder
- **Milk Sources**: Acidified whole milk up to 21-28 days of age; 22:20 MR (not acidified) after ... until weaned
- **Milk Reservoir Sanitation**: 3X weekly
- **Robotic Unit Sanitation**: 2X daily, automatic
- **Housing**: individual pens in old greenhouse for 3-5 days then new (2009) cold barn
- **Summer Ventilation**: positive pressure tubes, fans, side curtains, open end doors, overshot ridge
- **Winter Ventilation**: positive pressure tubes, curtains
- **Group Sizes**: up to 25 (7-10 day range in ages)
- **Digestive Disorder Incidence**: <1%
- **Respiratory Problem Incidence**: 15% average since tube installation April 2011
- **Baby Calf Mortality**: <1%
- **Calf Starter CP**: 22%
- **Target Calf Starter Consumption at Weaning**: 4.5 – 5 lbs.
- **Target Age at Weaning**: step down started at 35 days completed at 41-45 days
- **Average % of Birth Weight at Weaning**: 200% at 49-56 days (age at removal from baby barn)