

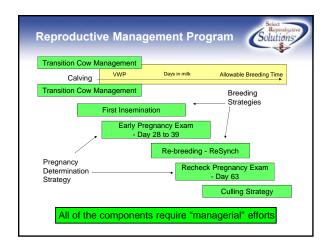
## **Goal of Reproductive Program**

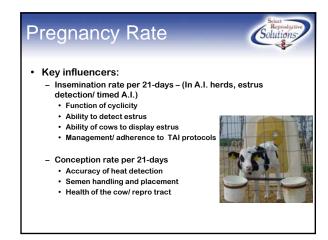


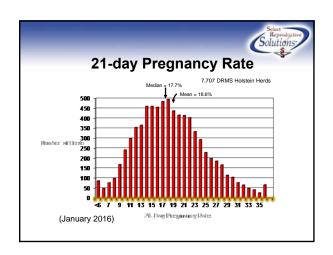
- · Have minimal difficulties with calving
- Have minimal reproductive pathology postpartum
- Begin normal estrous cycles at early DIM
- Accurately detected cows in estrus and A.I. or A.I. at a fertile ovulation following synchronization
- Pregnancies occur in a timely manner
- · Minimal abortion incidence
- · Calve again with minimal difficulties

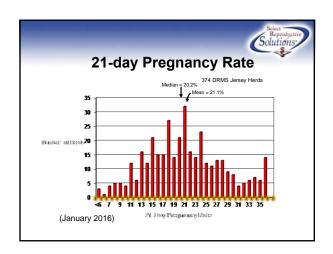
## The Value of Good Reproduction

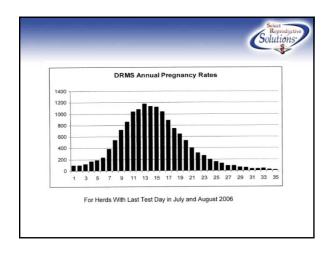
- The objective of a dairy operation is to generate profit.
- To maximize milk production and profit, producers strive to achieve high reproductive performance.
  - Increase the frequency of peak milk production, which is the time when cows are most profitable
  - Reduce average herd <u>Days In Milk</u> (DIM)
  - Reduce need for replacements
  - Accelerate genetic improvement of the herd

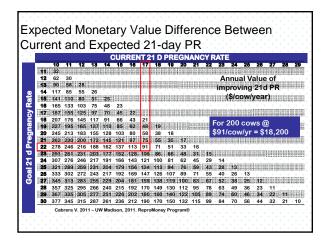


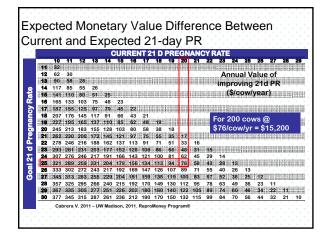


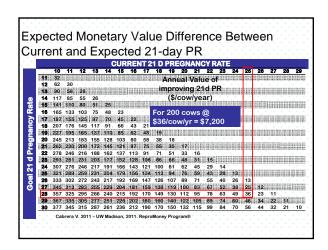


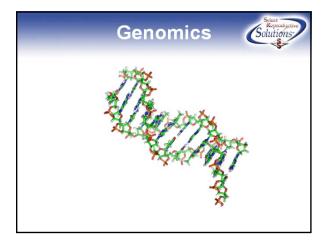




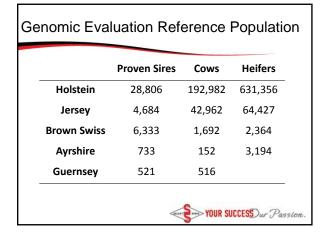


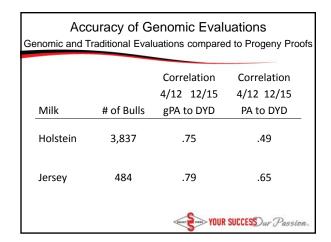


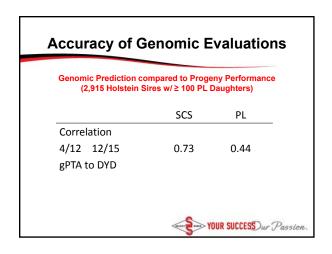


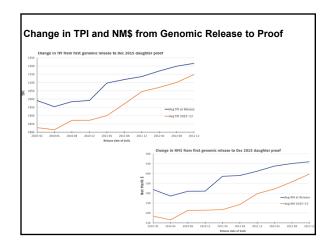


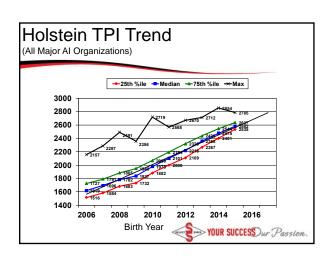
## Variety of Chips • 3K panel at \$40/test. • 50K panel at \$150/test. • 750K panel at \$300/test. Clarifide – Zoetis Igenity - Neogen

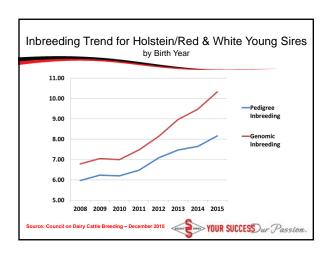


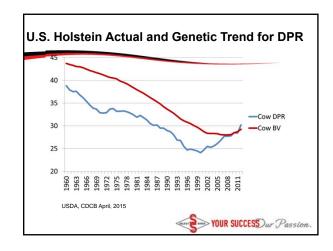


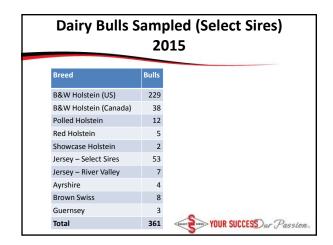


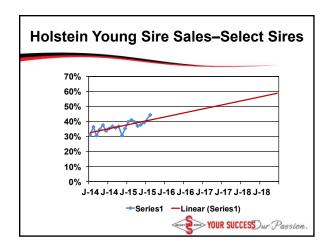


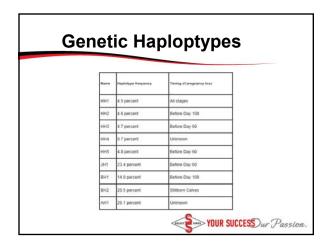




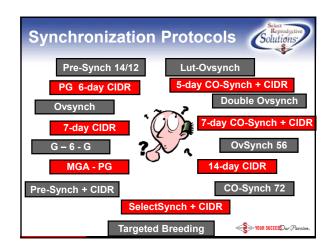




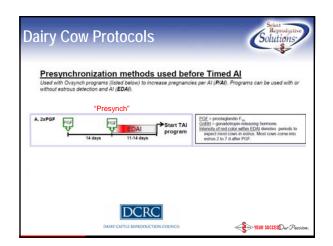


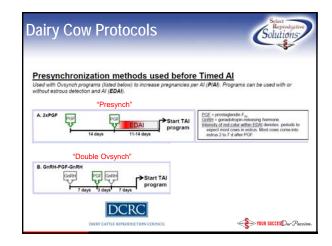


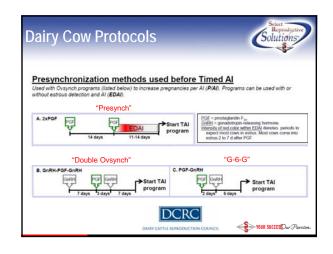


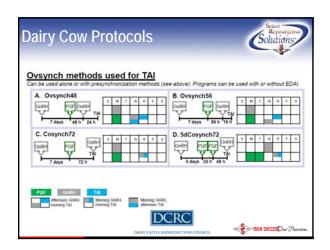


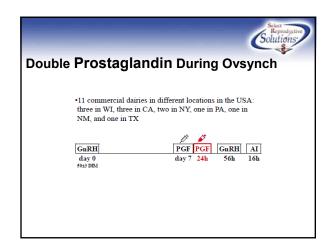


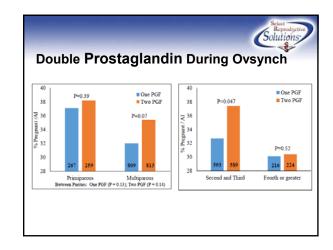


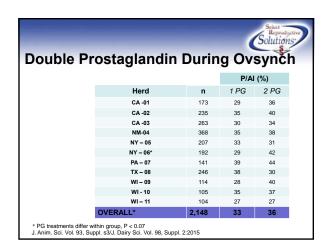


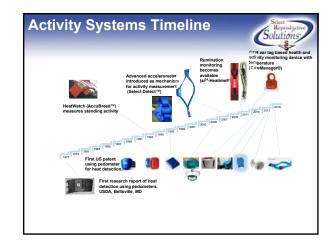




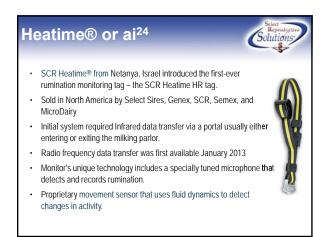


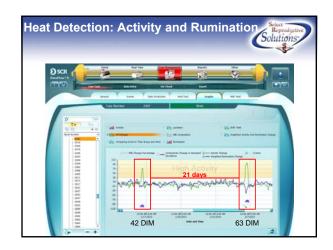




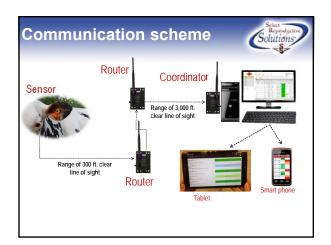


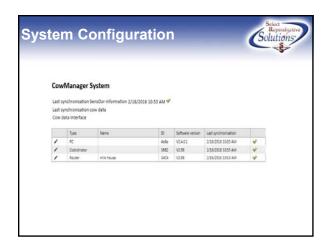


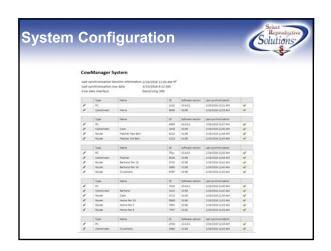






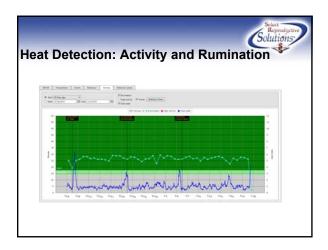




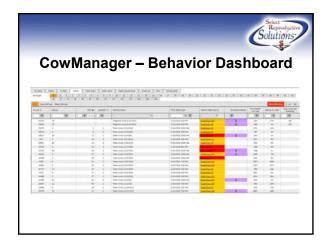


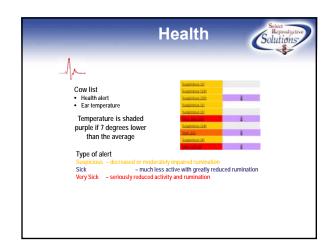


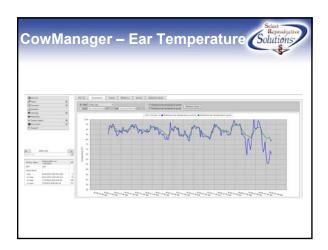








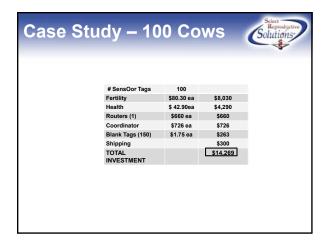


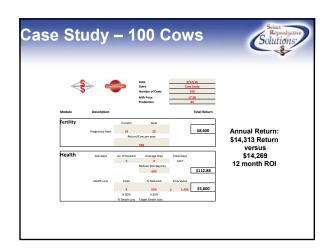


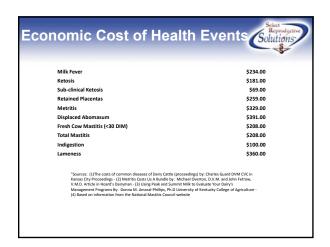
















## **Take Home Message**



- · Advanced affordable computer technology
- Individual cow management
- Many improvements and new systems have evolved over the last 3 years
- Animal well-being is the industry buzzword and systems that measure rumination give excellent insight into health monitoring



