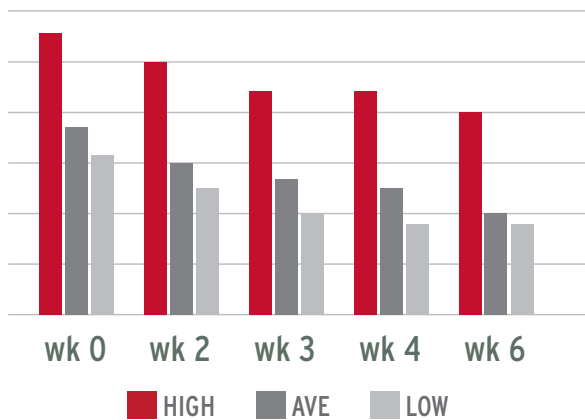


## HIGHER QUALITY COLOSTRUM

Through first 6 weeks of lactation



### Immunity+ Daughters Have Higher Quality Colostrum

High immune cows have significantly more total immunoglobulin and betalactoglobulin in colostrum

Fleming et al 2014.



## REAL WORLD DATA

Reported from 35 commercial herds totaling 30,000 cows

**2-20%**

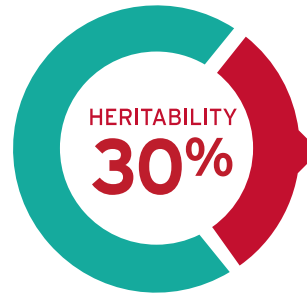
**LESS DISEASE**  
of Various Diseases Analyzed

**20%**

**LESS MORTALITY**

Dr. Steven Larmer et al, 2016

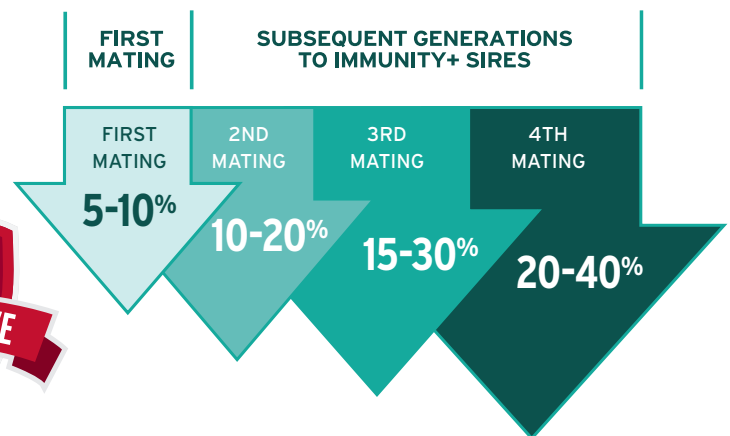
## HIGHLY HERITABLE



- Production Traits **25-35%**
- Conformation Traits **15-40%**
- Immune Response 30%**
- Longevity **8-10%**
- Calving Ease Traits **6-7%**
- Daughter Fertility **4-7%**
- Disease Incidence **2-10%**

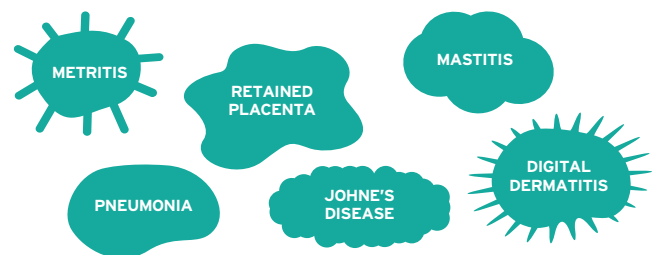
## LESS DISEASE

Less disease generation after generation



## BROAD-BASED DEFENSE

against most viral and bacterial pathogens



**The Best Way to Fight Disease**

**THE SEMEX DIFFERENCE**