

Conor Casey

Carnhill Holsteins

Farm Overview

- Farm size: 270 acres
- Herd size: 240-250 cows
- Followers: 140
- Sell: 30 milkers & 50 heifer calves
- Calving Index: 383
- AFC: 23 months
- Yield: 10,800L
- Butterfat: 4.6%
- Protein: 3.6%
- SCC: 105



History

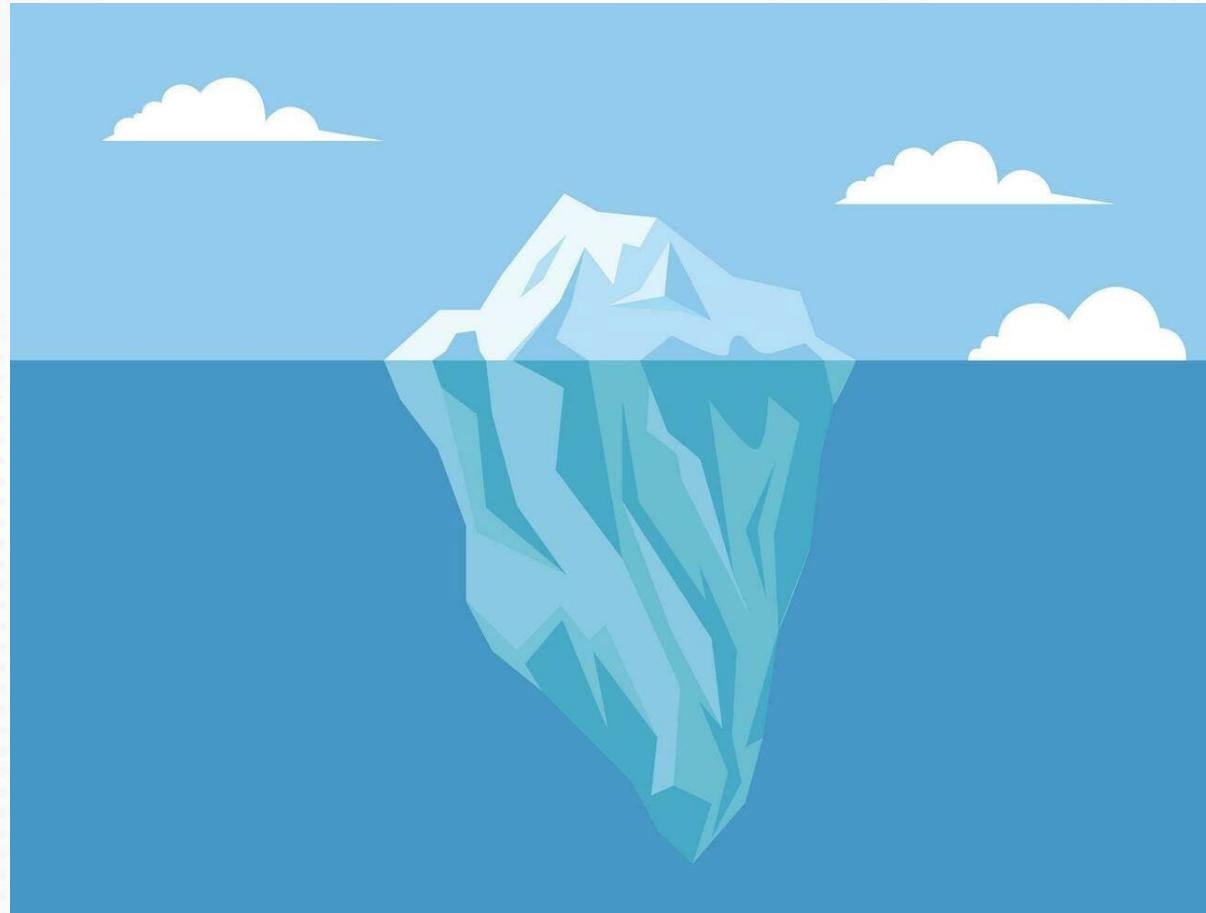
- 1996 Home from Greenmount – 45 cows and 250 sheep
- 2000 Renovated cubicles, sold sheep – 75 cows
- 2005 16 point parlour installed – 90 cows
- 2008 New cubicle house – 125 cows
- 2012 New heifer unit – 150 cows
- 2018 Installed 2 robots - 175 cows
- 2019 3rd robot added, contract heifer rearing – 200 cows
- 2021 4th robot added – 225 cows
- 2024 Robotic feeding introduced



Genomics: How I got started?



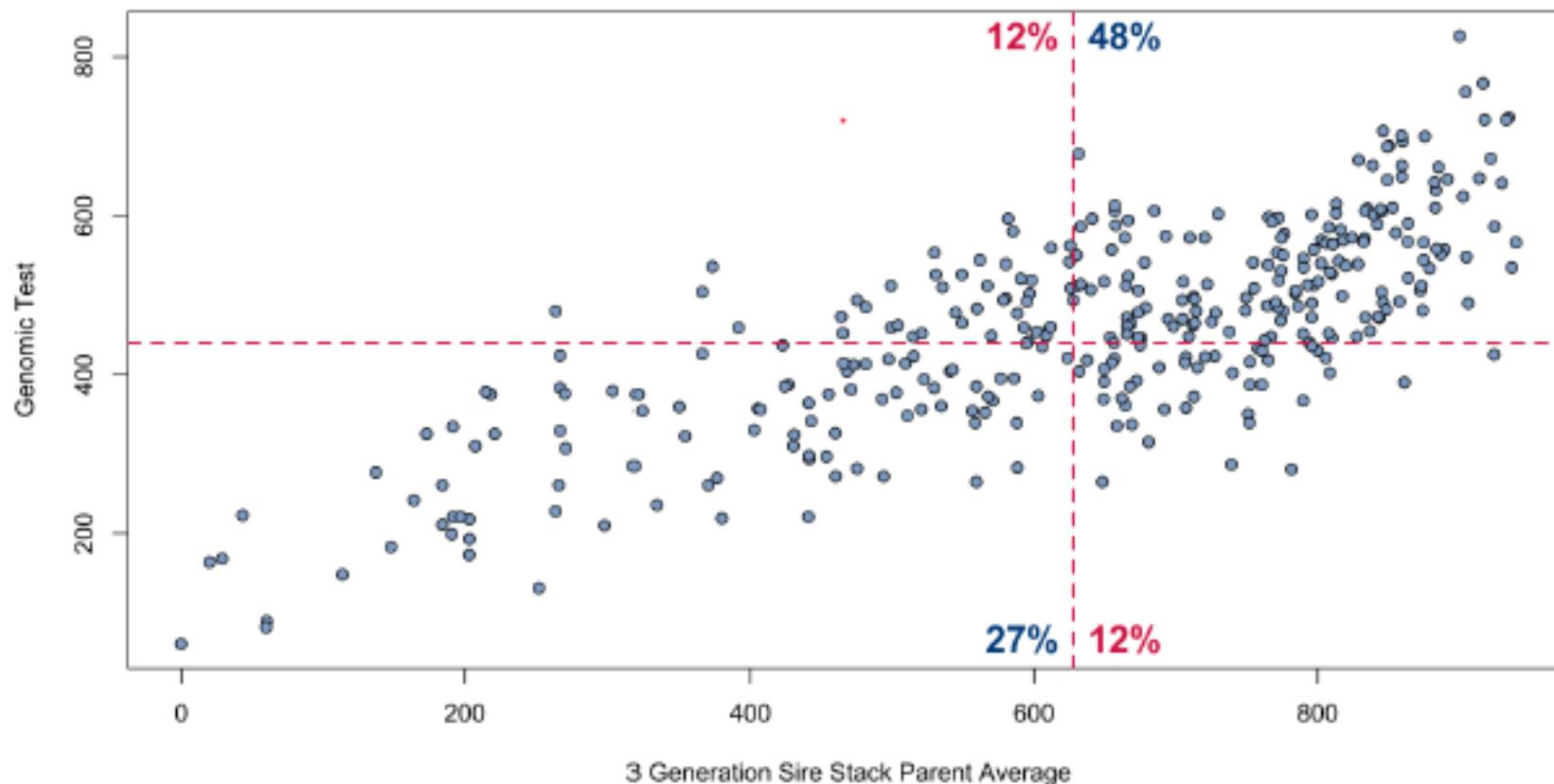
What's below the surface?

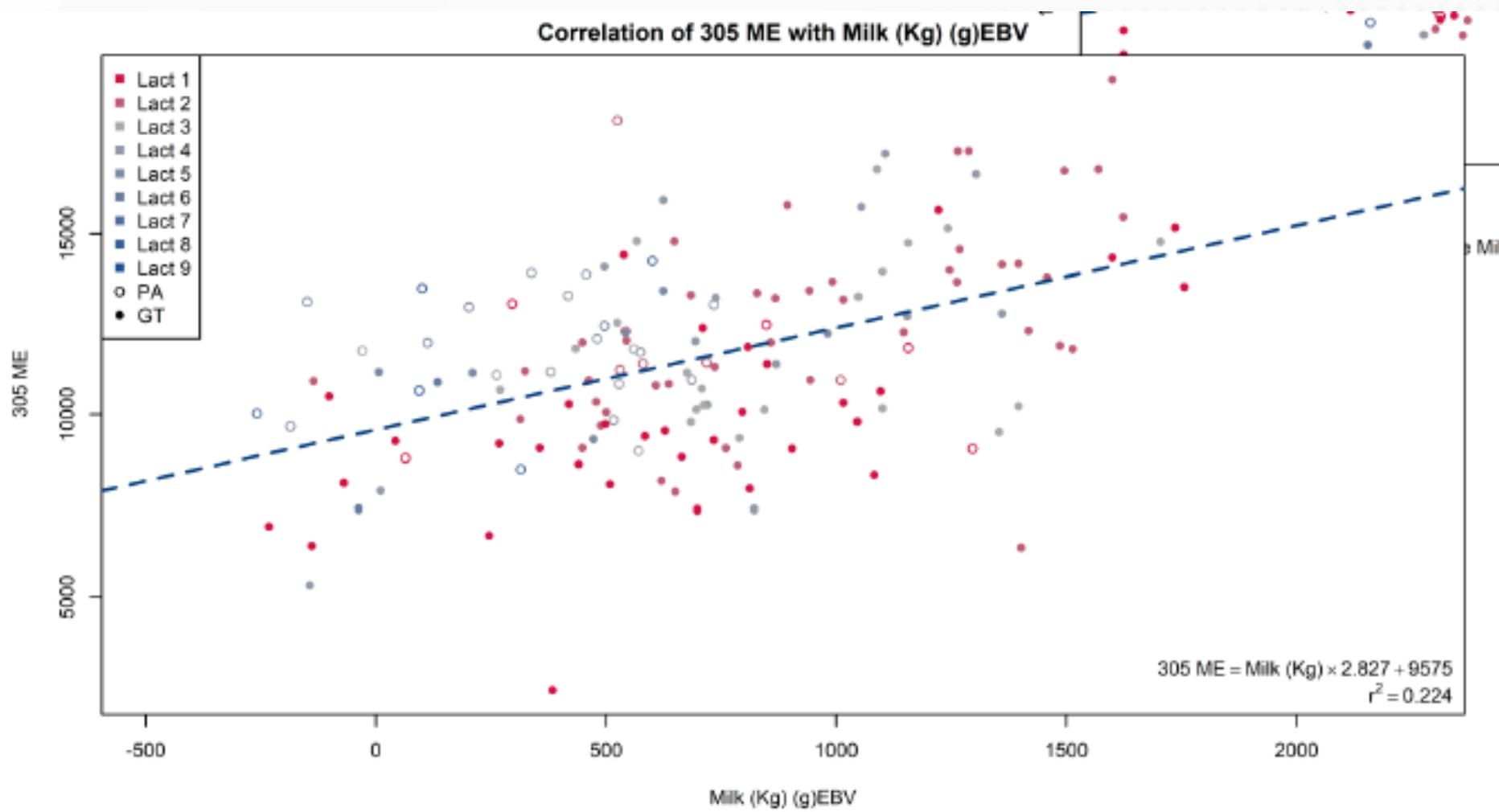


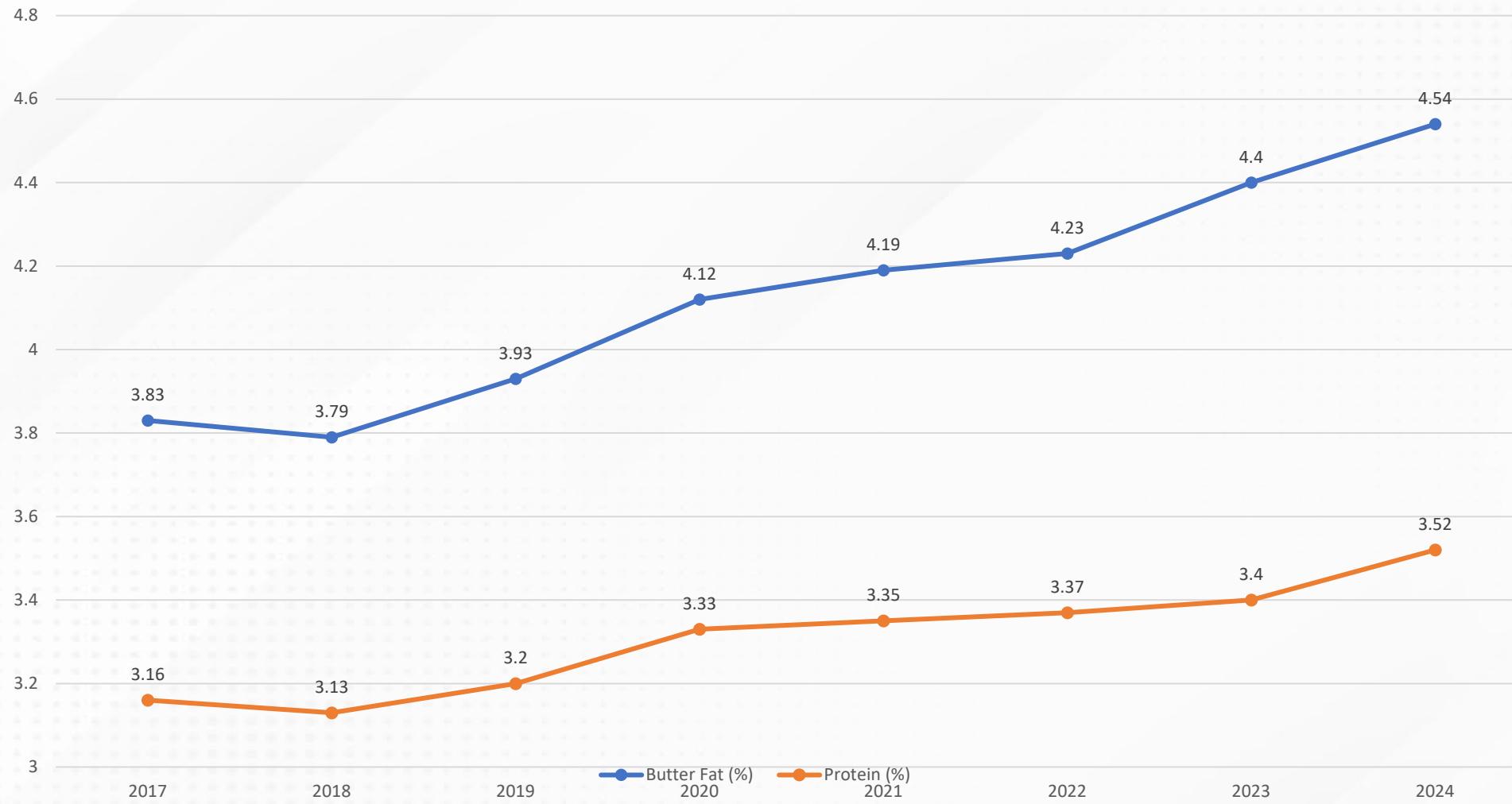
Practicality of genomic testing



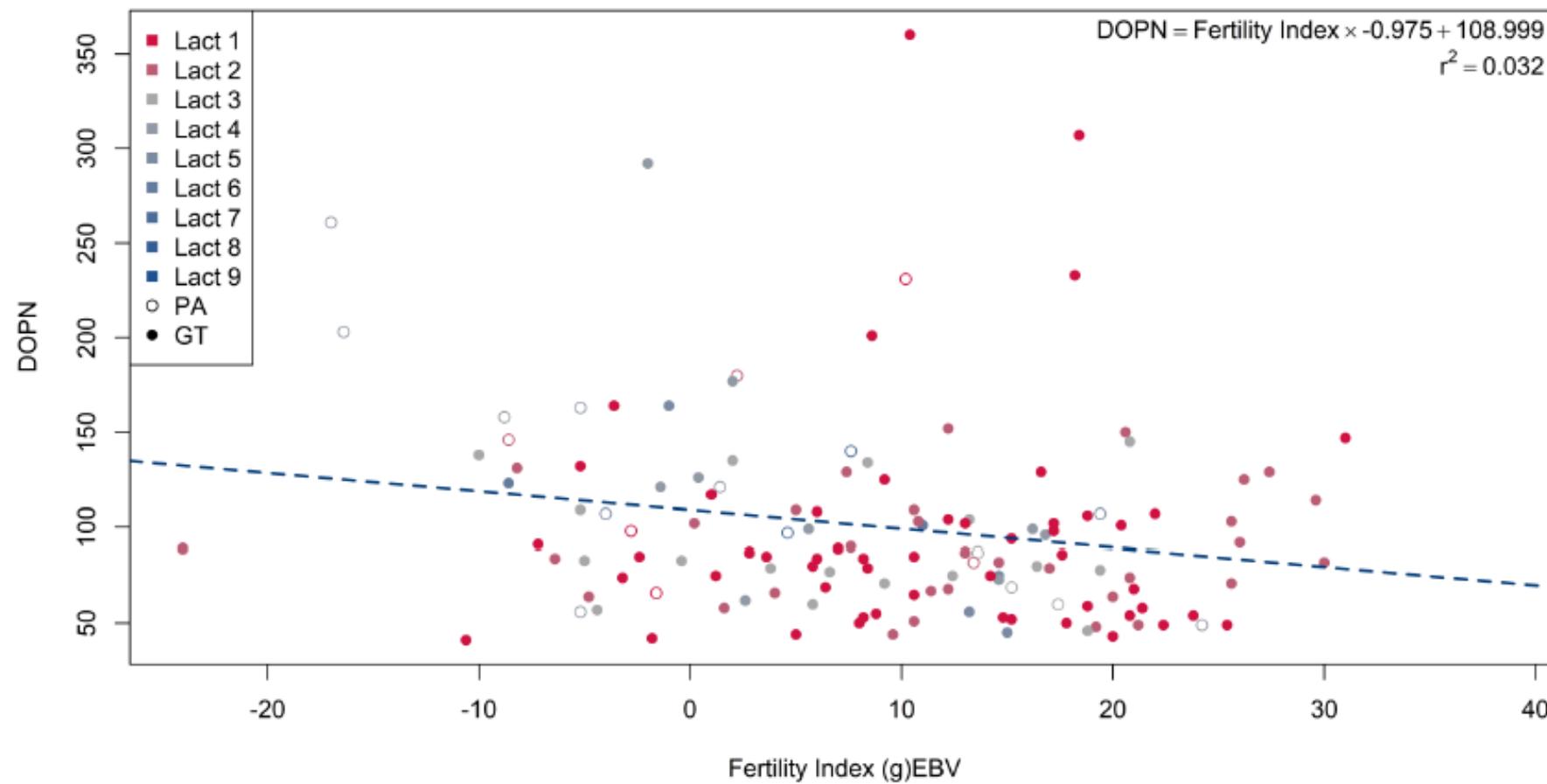
Sire Stack Parent Average PLI vs. Genomic Tested PLI
Showing Selection Threshold at 40% Beef Usage







Correlation of DOPN with Fertility Index (g)EBV



GEA feeding robot



Feeding Robot results after 1 year

- Yield increase: 28,000L
- Protein: 3.4% to 3.58%
- Fat: 4.44% to 4.56%
- Cost: £280,000
- Electricity cost: 48KWH/Day

