Herd-i

Harnessing the power of artificial intelligence to help dairy farmers detect lameness early

DETECT LAMENESS FASTER, AND MORE EFFECTIVELY, THAN THE TRAINED EYE

Every year, lameness costs the New Zealand dairy industry millions of dollars. Research indicates that early detection of lameness can reduce the cost to farmers up to 50%.

Herd-i is a camera-based, non onstrusive visual livestock monitoring system that harnesses the power of Artificial Intelligence to detect early signs of lameness in cows - faster, and more effectively than the trained eye.

The system is expertly trained by veterinarians and identifies lameness based on the DairyNZ locomotion scoring system, and assigns scores ranging from 0 (healthy) to 3 (very lame) for every cow in your herd. The results, along with supporting videos, are conveniently presented on a user-friendly online dashboard, enabling the early identification of potential lameness events and the prevention of costly herd issues.

ADVANTAGES

Harnessing the power of Artifical Intelligence to visually assess the health of your herd.

Actionable Intelligence
Herd-i outperforms human detection, analysing tens of thousands of data points to provide actionable insights for faster, informed herd health decisions.
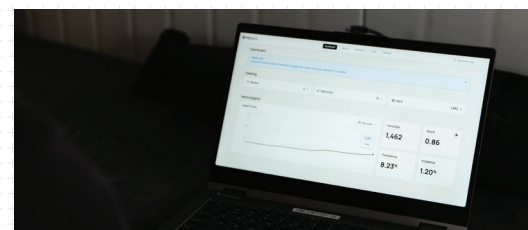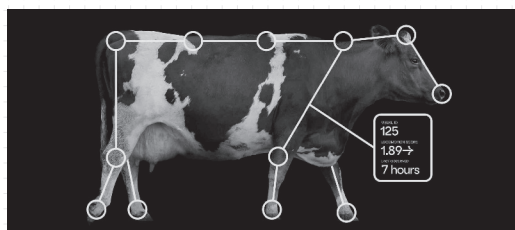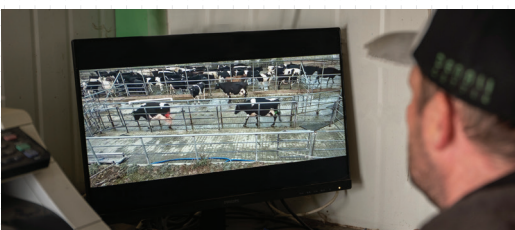
Herd Performance Scoring
Herd-i trained on the DairyNZ scoring system, scores each cow in your herd fro 0 to 3, enabling early intervention.

Gains in Financial Performance
By empowering farmers with early lameness detection, Herd-i allows for prompt treatment to reduce recovery time, treatment costs, culling and spares.

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MILKING SYSTEMS

Farmer Perspectives:

"Herd-i has become part of our daily routine, it's allowing us to catch problems earlier and as a business owner it gives me peace of mind when I'm not in the shed."

Hayden Ferriman – Three Leaf Dairy

"Herd-i spots lame cows early while they're still in the middle of the mob so we can do something about it before they become a problem and drop to the back."

Sean Ginder – Medstone Dairy

"I am spending more time at the computer, but it is valuable time because this system is spotting lame cows early."

Geoff Colson – Riverstone

"I was a bit sceptical at first about using it but now the team and I use it every day… My team competes with the system to see if they can pick lame cows before Herd-i does."

Assistant Farm Manager