

Utilizing automated activity monitoring (AAM) in management

- AAM systems aid precision reproductive management
- Automated identification of:
 - Oestrus events and health events (system dependent)
 - Non-cyclic cows
 - Tool to identify cows with greater probability of pregnancy
 - Optimal timing of AI



Investment Considerations



Labour availability & cost

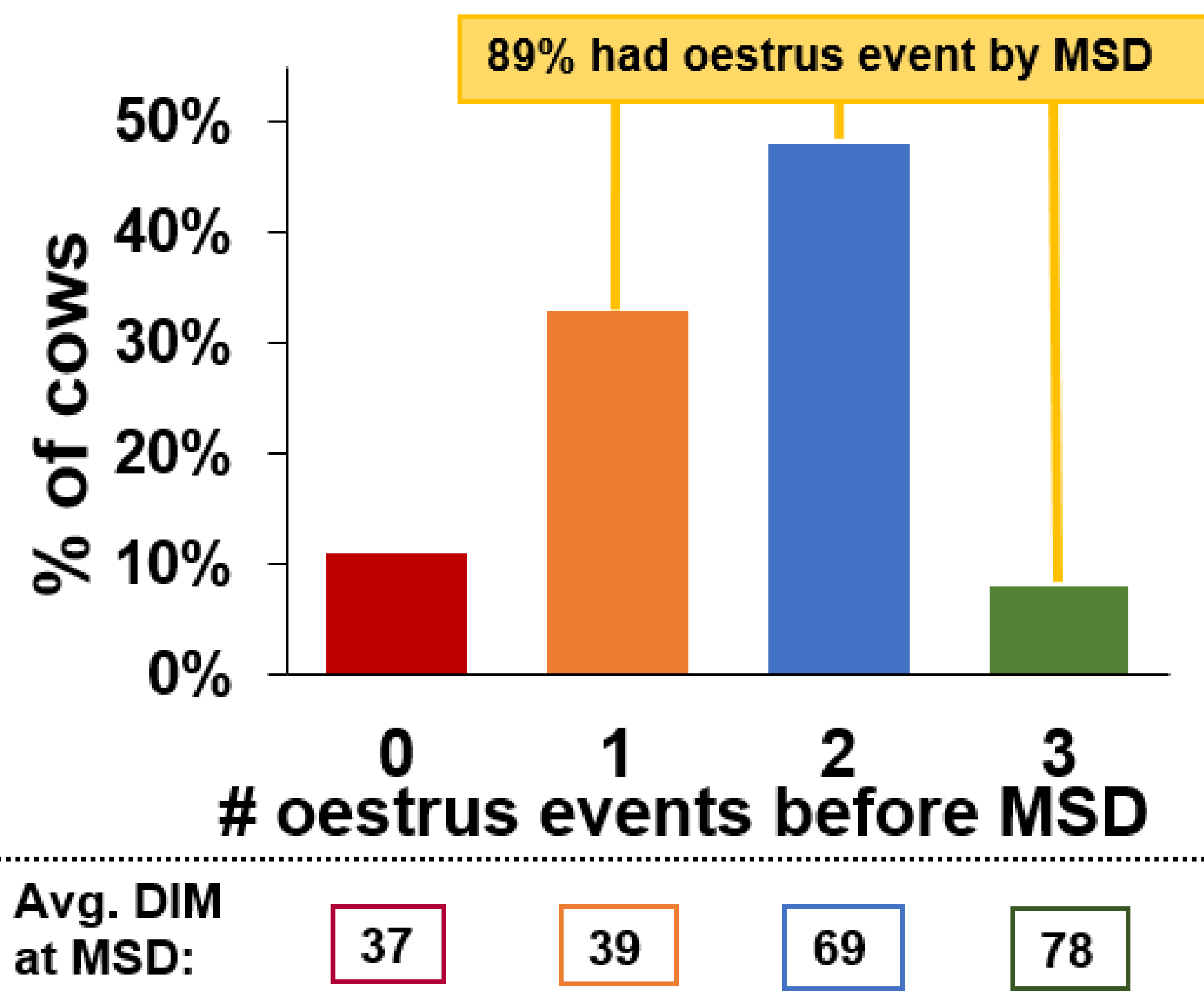


Current performance and goals

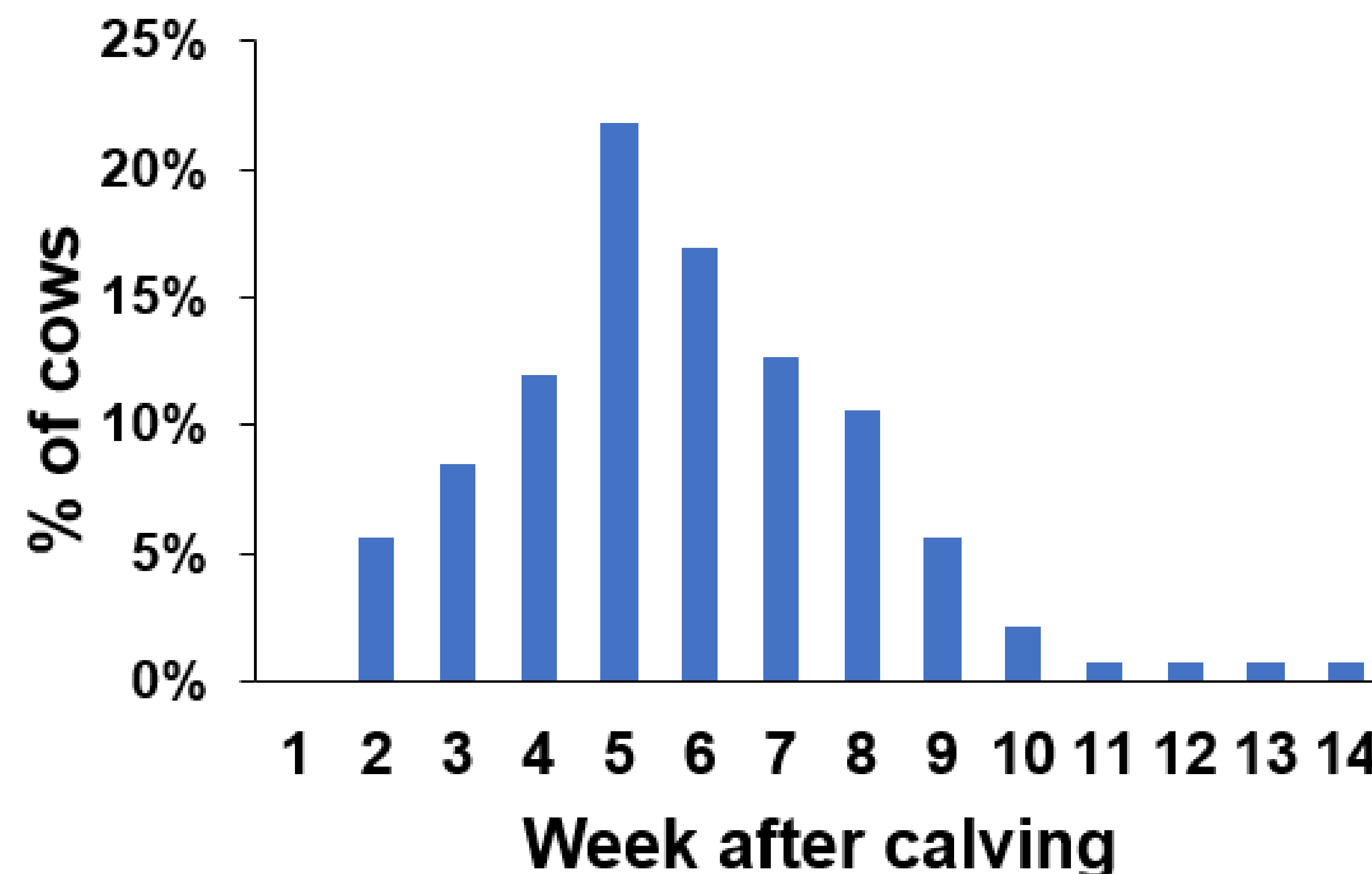


Technology capability & limitations

Teagasc Ballyhaise, 2023 (n = 143)



1st oestrus event recorded by AAM



Take home messages

- AAM can ↓ labour costs and can be a tool to optimize reproductive performance
- Consider current performance, system cost and capabilities, and goals before investment

MSD = mating start date, DIM = days in milk