Personality and attitudes of farm managers of large-scale commercial dairy farms correlates with cow longevity and culling rates

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AIM was to explore farm managers' personality traits, attitudes towards cow culling, longevity, milk yields and farming in general and to investigate the associations between these traits and cow longevity and culling rates in large commercial dairy farms.

CONCLUSIONS

- Farm managers were dissatisfied with cow longevity and culling rates in dairy farms.
- Despite agreeing that longer life span of cows is economically profitable it was rarely favoured over high milk yields.
- Milk production-oriented and ambitious management and extraverted character were associated with shorter cow longevity and higher herd culling rates.
- Providing economic figures on economic viability of longevity to farm managers could influence their attitude and entail favourable trends in cow longevity.



Farmers subgroups: K-mean clustering

Difference of mean outcome values over farmers' subgroups: Kruskal-Wallis test

GREATEST LONGEVITY HERDS LOWEST CULLING RATE

SHORTEST LONGEVITY HERDS
HIGHEST CULLING RATE

"I am satisfied with my role in herd culling management"

"Cow longevity is more important than high milk yield"

"Our farm is not aiming to be amongst the highest producing farms"

"I am easily affected by other peoples negative emotions"

"I am rather intraverted"

"I am dissatisfied with the cow longevity and culling rate in my farm"

"High culling rate of young cows is a problem in our farm"

"Our farm is trying to be amongst the highest producing farms"

"I run the farm according to targets, planning and setting goals are important"

"I am very open to the newest information and farming products"

"I enjoy the teamwork"

"I am rather extraverted"

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