

## Analysis of functional traits in highly-milking cows

### S u m m a r y

A total of 248 Polish Holstein-Friesian cows that first calved in 2000-2001 and were used on a farm in the Kujawsko-Pomorskie province were analysed. The life span, productive life span and basic reproductive parameters were calculated according to level of yield, and survival to each lactation and reasons for culling were analysed. The life span and productive life span increased significantly with an increasing yield of the cows. The increase in productivity was paralleled by increases in calving interval, calving-to-conception interval, service period, reproductive rest period and the insemination index. Survival of first calvers to the first lactation was high at 96.4%. The main reasons for culling were infertility and reproductive diseases.