

عنوان مقاله:

Reasons and risk factors for culling Holstein dairy cows in Morocco

محل انتشار:

دوفصلنامه علوم و فناوری دامداری، دوره 5، شماره 1 (سال: 1396)

تعداد صفحات اصل مقاله: 7

نویسنده:

I. Boujenane - *Department of Animal Production and Biotechnology. Institut Agronomique et Vétérinaire Hassan II. PO Box 6202 Rabat-Instituts, 10101 Rabat, Morocco*

خلاصه مقاله:

This study was carried out in a commercial herd from 2008 to 2012 in order to determine the most prevalent reasons for culling Holstein cows and to assess the effects of risk factors. Overall, 519 (28.2%) cows were culled for involuntary (98.8%) and voluntary (1.2%) reasons. The involuntary causes of culling were diseases (38.7%), reproduction problems (36.0%), udder disorders (7.7%), lameness (3.7%) and death (12.7%). Mean age of cows at culling was 70.5 ± 15.6 months and the time interval from last calving to culling averaged 263 ± 196 days. Logistic binary regression was used to model the hazard of culling. The analysis of risk factors showed that parity, calving season, and age at first calving had significant effects on the hazard of culling ($P < 0.05$ to P

کلمات کلیدی:

Holstein dairy cows, culling, udder disorders, Logistic Regression, risk factor

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