

Genetic parameters for dairy cattle claw health traits recorded by claw trimmers

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Aim

- To estimate genetic parameters for digital dermatitis (DD), heel horn erosion (HH), sole haemorrhage (SH) and sole ulcer (SU) of first claw trimming in first and second lactation.



Trimming report

Name and address: _____

Careful ID figures: _____

Farm EU number mandatory: _____

Ass no: 9 Herd no / EU: 999 Trimmer: 901 Year: 901 Month: 9 Day: 9 Page: 1

Ear tag ID	OK	Dermat	Erosion	Hemorrh	LFU	RFU	RRU	Locomo	Conform	Other	Treatm	Treatm	Notes
999	X												
9													

I = Small lesion
X = Severe lesion
For most severe foot of the cow

Optional information: _____

Sole ulceration for each foot: _____

Data

- Claw trimming records from 65 816 1st (24 121 2nd) lactation Swedish Holstein cows
- Claw trimming records from 58 457 1st (22 282 2nd) lactation Swedish Red Dairy cows
- Collected by claw trimmers 2002-2007
- Scored as absent (0), slight (1) or severe (2)

CONCLUSION:

- Claw health traits recorded by claw trimmers are heritable
- Claw health in 1st and 2nd lactation is the same trait

