Country   Czech Republic

Trait category: ***Individual trait(s):***

Reproduction-fertility   **Pregnancy (female, male)**
Workability   **Milking speed**

State Breeding Organization
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Reproduction fertility traits	Pregnancy (female, male)
Breed(s)	Fleckvieh, Holstein
Trait definition and unit(s) of measuring	Not pregnant (0) or pregnant (1) after three months of last insemination
Method of measuring and collecting data	Scored by AI-service technician
Time period for data inclusion	Since 1988
Age groups	1st to 3rd lactation
Genetic parameters	$h^2_{fertility\ (female)} = 0.04$ $h^2_{fertility\ (male)} = 0.02$
Sire categories	Young tested bulls and older proven bulls
Environmental effects pre-adjustment evaluation model	None Breeding groups of dams, herd x year x season, lactation number, AI number, age at AI, days after calving, AI technician
Base for age adjustment	None
Use of genetic groups and/or relationships	Breeding groups and relationships
Method (model) of genetic evaluation	ST BLUP SM, virgin heifers and cows evaluated separately
System validation	Data quality control
Expression of proof	RBV standardized with M = 100 and SD = 10, higher values are more desirable
Genetic (reference) base	The average RBV of recent tested bulls = 100
Criteria for official publication of sire proofs	≥ 200 inseminations
Number of evaluations/ publications per year	Four evaluations; January, April, July, October One publication; August
Use in total merit index	No
Key reference on methodology applied	The internal material of the State Breeding Organization and Research Institute of Animal Production

Workability traits	Milking speed
Breed(s)	Fleckvieh, Holstein
Trait definition and unit(s) of measuring	Average one-minute milk output in kilograms
Method of measuring and collecting data	Measured by milk-recording technician
Time period for data inclusion	Since 1994
Age groups	All
Genetic parameters	$h^2_{\text{milking speed}} = 0.25$
Sire categories	Tested bulls
Environmental effects pre-adjustment evaluation model	None Herd x year x season
Base for age adjustment	None
Use of genetic groups and/or relationships	None
Method (model) of genetic evaluation	CC-test
System validation	Data quality control
Expression of proof	RBV standardized with M = 100 and SD = 10, higher values indicate faster milking
Genetic (reference) base	The average RBV of recent tested bulls = 100
Criteria for official publication of sire proofs	≥ 30 daughters
Number of evaluations/ publications per year	Four evaluations; January, April, July, October One publication; August
Use in total merit index	No
Key reference on methodology applied	The internal material of the State Breeding Organization and Research Institute of Animal Production