

COUNTRY'S NAME	MÉXICO
Production traits	Milk
Breed	Holstein
Trait definition and unit of measurement	305 days milk yield (projected, kg)
Criteria for inclusion & extension of records	Records of unknown parents are grouped according to birth year with Westell groups method
Time period for data inclusion	Cows born since 1990
Sire categories	
Number of lactations included in the evaluation	1 st lactation only
Environmental effects: Pre-adjustment	Age-month of parity
Base for age pre-adjustment	
Method (model) of genetic evaluation	ST – BLUP – AM
Environmental effects in the genetic evaluation model	Fixed: Herd-Year-Season Random: Animal
Use of genetic groups	Genetic group based on birth year.
Genetic parameters in the evaluation	$h^2=0.30$
System validation	Checks on input data quality
Expression of genetic evaluations	PTA (kg)
Genetic (reference) base	Stepwise, average PTA for all cows born 1990
Next base change	2000, PTA for all cows born 1995, updated every 5 years
Criteria for official publication of evaluations	Bulls: Birth year > 1983, No. of daughters ≥ 10 in \geq herds
Number of evaluations / publications per year	1, August
Use in production / total merit index	
Anticipated changes in the near future	Following changes are planned for 2000: Inclusion of the first three lactations, fat and protein content (%).
Key reference on methodology applied	Powell RL and Wiggans GR. Animal Model evaluations for mexican holsteins. 1991. J. Dairy Sci. (74):1420. Other papers at local scientific journals.
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