FACTS ON SIRE EVALUATION PROCEDURES APPLIED FOR NON-PRODUCTION TRAITS

COUNTRY: NEW ZEALAND	
Trait(s):	MILKABILITY a) Adaptability to milking b) Milking speed c) Udder conformation LOCOMOTION d) Legs OTHER e) Shed temperament f) Other body conformation traits
Breed(s):	Holstein Friesian, Jersey, Ayrshire, Milking Shorthorn
Trait definition and unit(s) of measurement	a) How soon the animal settles into the milking routine after calving, 1 to 9 points b) Time from putting cups on to taking them off, 1 to 9 points c) In total 6 udder and teat conformation traits scored (1 to 9) d) Side view of the rear legs (1 to 9) e) Temperament while milking, 1 to 9 points f) Seven other conformation traits scored (1 to 9)
Method of measuring and collecting data	a,b,e) Assessed by herd owner c,d,f) Scored by inspectors for nominated herds between 2 weeks and 9 mo. after calving
Time period for data inclusion	-
Age groups considered	Two year old cows only
Genetic parameters assumed	a,d,e) h^2: 0.15 b) h^2: 0.18 c) h^2: 0.15 - 0.28 f) h^2: 0.15 - 0.35
Sire categories evaluated	All registered sires

Environmental effects considered
  by pre-adjustment
 	
  by evaluation model
	None
	
	Herd*year, genetic group, weeks since calving, dam breed, dam classification

Base for age adjustment	-
Use of genetic groups and/or relationship	Genetic groups used
Method of evaluation	ST BLUP SM
Expression of proof	EBV
Genetic (reference) base	Sires born after 1978
Criteria for official publication of sire proofs	Rpt > 0.2, at least 6 daughters inspected in current season

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Number of evaluations/ publications per year	Two
Use in total merit index	Yes
Name, address and faxnumber of organization responsible for sire evaluation and publication	Livestock Improvement Corporation Ltd. New Zealand Dairy Board Private Bag 3016 New Zealand Fax: 0-7-856-2428
Key references on methodology applied	-