

Journal of Dairy Science Interpretive Summary
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Genetic Evaluations for Mixed-Breed Populations. *By VanRaden et al., page 2434.* An all-breed animal model was developed for genetic evaluations of US dairy cattle. Data from individual breeds were combined, and the combined pedigree file included 431,000 crossbred cows. Evaluations from the all-breed and within-breed systems were highly correlated, and most purebred breeders will not be affected by the new model. Predicted transmitting abilities will be presented on within-breed bases for purebreds and breed-of-sire bases for crossbreds. Use of crossbred records may increase reliabilities for purebreds, and crossbreds in mixed breed herds will benefit from the use of cows of other breeds as contemporaries. Implementation is expected in May 2007.