

COUNCIL ON DAIRY CATTLE BREEDING

6486 E Main Street Reynoldsburg OH 43068 Ph: 614 861 3636 x4469 Fax: 614 861 8040
Email: info@cdcb.us

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CDCB Action Items from CDCB Board Meeting August 5-6, 2014

- 1) CDCB board approved the creation of a web app for use by approved genomic nominators and genotyping labs to verify calf identity. The web app is to be used to verify that the animal a buyer received is the same one that generated the genomic evaluation that caused the buyer to purchase the animal.

- 2) CDCB board approved a proposal to provide a file for use by CDCB members and approved genomic nominators. The file will contain the predicted genomic inbreeding values for each female with each marketed male after each August, December and April full genomic evaluation release. Monthly updates will be provided for females not previously genotyped. Each breed will have a separate file. Mating programs that use genomic instead of pedigree inbreeding are expected to improve economic merit by \$30 per calf. For further information see:
http://aipl.arsusda.gov/publish/jds/2013/96_8014.pdf

- 3) CDCB board approved proceeding with the process of delivering preliminary genomic predictions once a week for animals that have become available for genomic evaluations in the previous week. Processing time is minimized by not calculating reliability and using an approximation in the step where the genomic values are combined with traditional parent averages or PTA. Therefore some differences will occur between the weekly preliminary genomic predictions and the following month's results but the test runs correlations of the preliminary genomic predictions with the subsequent monthly ones were over .99 for most traits for Holstein. The current time table is to have these available later this fall. Details will be provided at the 2014 World Dairy Expo in Madison, Wisconsin.

4) CDCB's commitment to research: the CDCB Board supports developing a mechanism to provide alignment and coordination for funding management and genetic research to enhance the products and services that CDCB provides to the dairy industry.

5) The CDCB staff will prepare educational materials about genetic base change and Lifetime Net Merit, Cheese Merit and Fluid Merit changes scheduled for December 2, 2014. The US is on a stepwise genetic base. Historically these base changes have occurred every 5 years. The next base should be labeled, 2015 genetic base. Since the December 2014 genetic evaluation run is the closest to January 2015, the next base change will be with the December genetic evaluation run on December 2, 2014.