



January 12, 2007

## Herd Sire Tenderness & Marbling DNA Genotyping

The CGA is in the second year of a major incentive to identify genetics that contribute to marbling and tenderness withing the entire Gelbvieh Herdbook. Bovigen, LLC., offers tests for the Tenderness and Quality Grade. Panels include TG5 and M2 Markers and the GeneSTAR Tenderness Panels include T1 (Calpastatin), T2 (Calpain SNP 316) & T3 (Calpain SNP 530) Markers.

Today's sires become the maternal grandsires of the next generation. If we know the genetic makeup of the sire and the maternal grandsire, we have three quarters of the pedigree established and can make predictions of the potential matings.

There is **no charge** to our members to test one active registered Gelbvieh herd sire that has registered progeny on a first come first serve basis, to a maximum of 135 animals. This will be paid for from funding received under the Sustaining Quality of Ruminant Animals Grant from the Canadian Government.

Please feel free to submit samples from more than one registered active Gelbvieh herd sire. If membership uptake is insufficient, the CGA will draw from other samples submitted in the order received, before February 28th to fill the quota. Please advise which sample you want tested first, 2nd, etc. and also if you want the sample tested at CGA cost, if not selected in the draw. If you wish to participate in this program, you are required to submit your DNA hair samples to the CGA office before February 28, 2007.

The CGA will also submit on your behalf, any additional registered Gelbvieh animal samples (prospective herd sires, heifers, donor cows etc.) you wish to have tested for these 2 sets of panels, for the special price of \$50.00 CDN.(regular price is \$65.00 US).

**Please submit your hair samples to the Canadian Gelbvieh Association.** You can submit your hair sample to the CGA office in a plain envelope with the animal ID on it, or we can send you a bar coded collection kits from the CGA office, just give us a call.

Yours truly,  
Canadian Gelbvieh Association,

Wendy Belcher,  
Secretary/Manager.