

DAIRY GENETIC INFORMATION FOR CALVES AND YEARLINGS

County _____

Last Name _____

First Name _____

Street or Route _____

Town and State _____

Zip Code _____

Area code _____

Phone Number _____

Breed _____

Animal Birthdate: _____

_____/_____/_____
Month Day Year

Instructions: All dairy exhibitors of calves and yearlings are strongly encouraged to provide genetic information on their animals. To be eligible for the Total Merit class, animals must be sired by a bull with a published PTA Net Merit Dollar Value (NM\$) or by a young A.I. bull with a pedigree index. The dam must have a PTA NM\$ or the dam's sire must have a published PTA NM\$.

The genetic information will be used in the following ways:

1. reported in show catalogue;
2. used to rank animals in the Total Merit placings.

Where to find the genetic information:

- A. The USDA offers the most up-to-date genetic information on their internet web site. The site can be accessed at: <http://aipl.arsusda.gov/>. This address will bring you to the USDA Animal Improvement Programs Laboratory (AIPL) home page. To find animal PTA's, click on "Genetic evaluations". Then click on "Publicly available queries".
1. A sire's PTA NM\$ may be obtained from his registration number or NAAB code.
If registration number is known: click on "Get official bull evaluation by ID". Enter breed (first letter of the breed's name) and registration number in the window and submit. The bull's latest genetic evaluation should appear.
If NAAB code is known: click on "Get bull ID number from NAAB ID code". Enter bulls NAAB code (eg. 29HO9685). Submit. (This same procedure can be used to find the maternal grandsire's PTA if the dam's PTA is not available.)
 2. A dam's PTA NM\$ may be obtained by clicking on "Get cow evaluation". Enter breed (H for Holstein) and ID number (registration number (eg. 15862265) or breed and DHIA ear tag number (eg. 41WUC6326).
- B. Another source of information is the DHI Youngstock Genetic Evaluation (sent to DHIA clients after each genetic evaluation). If the DHI Youngstock Genetic Evaluation is not available, sire values may be found on the DHI Reproductive Report, USDA sire summary lists or from A.I. stud information. Dam information may be found on the Milking Cow Genetic Evaluation or the Cow Page.

Complete as much information as possible. It will help with the verification of the genetic values.

Sire Information

Bull Name: _____

Registration number: _____

Bull NAAB Code: _____

Bull PTA NM\$: _____

Dam Information

Herd Code: 41 _____ - _____

Barn Name or Number: _____

Registration or DHIA Ear Tag No. _____

PTA NM\$: _____

Dam's Sire Information

Bull Name: _____

Registration number: _____

Bull NAAB Code: _____

Bull PTA NM\$: _____

NM\$ Genetic Value

$$\frac{\text{Sire PTA NM\$}}{\text{Sire PTA NM\$}} + \frac{\text{Dam PTA NM\$}}{\text{Dam PTA NM\$}} = \frac{\text{NM\$ Genetic Value}}{\text{NM\$ Genetic Value}}$$

If Dam's PTA NM\$ is unavailable, than 1/2 the Dam's Sire PTA NM\$ is used:

$$\frac{\text{Sire PTA NM\$}}{\text{Sire PTA NM\$}} + \frac{1}{2} \times \frac{\text{Dam's Sire PTA NM\$}}{\text{Dam's Sire PTA NM\$}} = \frac{\text{NM\$ Genetic Value}}{\text{NM\$ Genetic Value}}$$

Please fill out all information completely and accurately. If you have any questions, you may contact Tony Seykora, dairy specialist, at (612) 624-3448 or seyko001@umn.edu.