

Participation Benefits

- ◆ **Dairy Herd Improvement for the Registry**

Production information through various testing options

- ◆ **Linear Appraisal**

Evaluation of type traits

- ◆ **Sire Development**

Automatic screening

- ◆ **Elite Bucks and Does**

- ◆ **Genetic Evaluation**

National Database Pedigree Correlation

Sire Summaries

Indexes: Yield and Type

Superior Genetics

Predicted Performance/Reliability

- ◆ **Performance Pedigrees**

Verified Information

Award program eligibility

- ◆ **DNA contract testing**

Safeguard your investment

- ◆ **Combine DHIR, LA and DNA services through ADGA PLUS at a discounted rate**

Production and Type information recorded through the **American Dairy Goat Association** programs has value added information provided based on algorithms developed at **USDA-AIPL** through national partnerships.

ADGA DHIR records are 3rd party verified through the annual **Quality Assurance** program funded by **ADGA** to provide unequalled opportunities for **ADGA** members and their herds.

Contact **ADGA** today and find out how to enroll in the Performance Programs!



American Dairy Goat Association

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ADGA

PERFORMANCE PROGRAMS

The Pedigree Makers



828-286-3801
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Producing the Performance Pedigree !

Accumulating data on pedigree, production, type and auxiliary traits from as many animals and herds as possible provides for accurate genetic evaluations.

Genetic improvement is permanent and cumulative, so it is a sustainable and cost-effective method of directing and stabilizing dairy goat performance according to each breeder's goals. ADGA has a unique national agreement to provide evaluations.

Accurate performance records of production, visual trait assessments of type and pedigree are needed to develop a complete portrait of our individual animals in our herds. This portrait is the **ADGA** Performance Pedigree.

Tools at **ADGA**: DHIR, Linear Appraisal, Sire Summaries, Performance Reports, USDA-AIPL developed genetic evaluations and DNA verification are a form of quality assurance for the selection of breeding animals.



Genetic Improvement Programs for dairy goats make the **ADGA** registry unique.

Increase the value of your investment with
...Factual, verified information;
...Conformation and Production information;
...Correlation of yield and type;
...Genetic evaluations and
...Safeguarded through DNA typing

When the collected information is used consistently, genetic improvements can be made rapidly and predictably.

Document Performance:

DHIR

Nationally recognized system for evaluating dairy records. Careful breeding decisions result in **ADGA** registered animals having records that are consistently higher than the national averages.



The Advanced Registry and STAR volumes track generations of record information. Information obtained from DHIR: Values for each milking doe and total herd • Completed and projected records • Customized features including reproduction, health records, and young stock programs • Somatic cell count • Persistency • Interface with type scores • Sire/dam/doe genetic values • Action lists • Selection objectives

LINEAR APPRAISAL

The **ADGA** linear appraisal system evaluates individual type traits that affect structural and functional durability in order to take full advantage of the potential for genetic improvement through selection. **ADGA's** linear system:

Evaluates each animal and trait individually;
Evaluates each trait from one observed biological extreme to the other;
Includes traits that have economic importance and are at a minimum, moderately heritable;
Applied uniformly.

The linear appraisal system includes 13 primary traits, one secondary trait, as well as structural categories scored by the appraiser to evaluate functional conformation on mature does and bucks. An optional youngstock program is also available.

Predict Performance: SIRE DEVELOPMENT

Producers have the information to make a more accurate selection of breeding stock than ever before. Because of this, the responsibility and the opportunity for breed improvement are directly upon breeders.

The seedstock breeder, hobbyist and the commercial producer can all benefit from selecting stock based on fact; not just guesswork as the "eye" sees it.



Every breeder can gain insight into the genetics of their selected breeding stock and can maximize genetic progress for economically important traits by using these aids.

Safeguard Performance: DNA TYPING

Opportunity for ADGA members to identify and record genetic information at a reasonable cost.

Benefits of DNA typing:

Permanent record of identification linked to ID and tattoo;
Protects Registry Integrity;
Invaluable for identifying later progeny;
Parentage verification;
Increases an animal's worth and the value of the herd information.

As an **ADGA** member, you have a unique opportunity to use these programs —

Start today!

Contact:

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