

# Animal Improvement Programs Laboratory Homepage

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- What's New
- Genetic Evaluation Information
- Mission
- Personnel
- Contacts
- Recent Scientific Publications
- Industry Links

# Genetic Evaluation Details & Characteristics

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- Reports Updated Each Run
  - Changes in USDA-DHIA Genetic Evaluations (May 1998)
  - Electronic Distribution of Genetic Evaluations
  - Deadlines for Receipt of Data by AIPL for Genetic Evaluations
  - Interbull Evaluation Details
  - Conversion Equations
  - Highest Registration Numbers Assigned
  - Elite Cow Statistics
  - Genetic Evaluation Summary (average Bull PTA's and standard deviations)
  - Percentile Tables for Bulls and Cows

# Evaluation Results (Downloadable Files)

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- Animal queries
  - General: no password required
  - Industry: password required
- Formats and file descriptions
- USDA bull evaluations
- Cow evaluations
- Herd information
- Interbull evaluations
- Cow and bull lists
- Goats
- Genetic trends

# AIPL General Queries

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- Queries available to all users:
  - Display bull genetic evaluation
  - Display bull Interbull genetic evaluation
  - Display cow genetic evaluation
  - Obtain bull registration number ( and link to genetic evaluations)from NAAB number
  - Obtain age adjusted production record

# Get Bull Genetic Evaluation

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Enter breed and ID number for U.S. bulls (e.g., H2247437):

# Bull Evaluation Record

Animal	Sire	Dam	Birth	Inbrd	Dau_Inbrd	Fut_Dau_Inbrd
H002247437	H001874634	H012105357	89/08/26	16.0	4.1	4.1

Reg. Name

528 ETAZON CELSIUS-ET \*TL

Current Status	Cntrl Stud	Sampling Status	Orig Stud	Entered AI Yr Mo	Short Name	Primary Stud Code
A	1	0	97	94/01	CELSIUS	97H4

Lac/Dau	Most Daus	Net	NM	NM	Mgt	First Lactation
Herd	Daus	%US	%OS	MFP\$	Merit REL	%ile Gp Age %RIP DIM
1.0	93500635	13	100	0	413	314 .83 99 15 26 82 170

	PTA	Rel	Daus	Herds	Mean	DauDev	PA	RelPA	
Milk	3113	.92	201	126	26938	3300	1370	.40	Yield Rel 0.92
Fat	106				975	112	51		Fat PTA% -0.03
Prot	116	.92	201	126	870	122	57	.40	Prot PTA% 0.08
PL	2.6	.55	11	8	25.8	3.9	0.4	.35	Age wt 0.50
SCS	3.35	.80	182	119	3.08	0.15	3.36	.36	

# AIPL Industry Queries

- Individualized query pages set up for industry cooperators:
  - Breed Associations
  - DRPC's
  - NAAB
  - NDHIA
  - Studs
  - DHIA's
- Password protected
- Single and multiple queries

# AIPL Industry Queries

- Bull information
  - Get bull evaluation information
  - Get bull Interbull evaluation
  - Get bull daughter list
  - Get bull registration number (with link to genetic evaluation) from NAAB number
  - Get bull type evaluation (colored breeds only)
- Cow information
  - Get cow evaluation and lactation information
  - Get cow management group information
  - Get cow evaluation information (Format 105 records)
  - Get cow test-day information
  - Get cow type evaluation (colored breeds only)
  - Get cow type evaluation (colored breeds only)
  - Get cow age-adjusted production



# AIPL Industry Queries

- General Animal Information
  - Get four generation pedigree for animal
  - Display animal formatted pedigree information
  - Get all animal ID “aliases”
  - Get pedigree (Format 1) record for animal
  - Get progeny for an animal
- Herd information
  - Get cow evaluation information(Format 105 records) for all cows in a herd
  - Get data collection rating (DCR) for herd
  - Get all test day information for herd

# Display Pedigree Information

To use this page, you must have a file on the machine you are currently using that contains ID numbers. You must provide the filename in the form below. The out put will prompt you for an automatic download when processing is complete.

Upload a file (containing animal IDs):

bulls.dat

**SUBMIT**

to start processing ...

# Formatted Pedigree Information

Input file: B189181  
B189183  
B189178

Upon successful completion of  
the query, you will be prompted  
to download the results.

Output file:

Sex	Animal	Sire	Dam	Birth	Src	Code	Name
M	BS 189181	BS 181926	BS 802806	19920905	B	3	R HART TC DENMARK ET
M	BS 189183	BS 181217	BS 802806	19921112	B	1	R HART BC SELECTION
M	BS 189178	BS 184459	BS 708849	19920902	B	3	R HART PC CONTRACT