

KANSAS 4-H DAIRYLINE

IN THIS ISSUE

- Reading bull sheets to breed cows
- Hard work shines at Jr. Dairy Show
- A big name

FOR MORE INFORMATION

- **Kansas 4-H Dairy Page:** <http://www.kansas4-h.org/p.aspx?tabid=531>
- **Grade and Leasing Information:** <http://www.ksre.ksu.edu/bookstore/pubs/MG54.pdf>
- **Livestock Safety:** <http://ylsp.bae.ksu.edu>
- **Record book form:** <http://www.ksre.ksu.edu/bookstore/pubs/P1106.pdf>
- **Holstein Foundation Educational Workbooks:** <http://www.holsteinfoundation.org/education/workbooks.html>

Reading bull sheets to breed cows

Since the mid 1900s, artificially inseminating (AI) cattle has been a popular method for speeding up genetic improvement. This means 4-H members and producers who own cattle can select bulls with traits that match up nicely with their cows. For example, if your cow is high in the pins, you could use a bull whose more likely to lower the pins. Say your cow has a low rear udder attachment; you could pick a bull with high marks in that area.

TPI

In the Holstein breed, many producers look for the TPI or total performance index when they first analyse a bull sheet. This number is a compilation of the traits listed throughout the sheet accounting for productive life, production of fat and protein and all the physical conformation traits. In the Jersey breed, they have a similar index called the JPI. For the other breeds, producers can look at specific traits or make decisions based on the type score that is formulated using the linear scores.

Linear Traits

Bull sheets often include a linear chart that highlights the amount the

bull has been tested or proven to improve cows' physical conformation.

These cover the four areas of the Purebred Dairy Cattle Association's dairy cow unified scorecard including udder, frame, dairy strength and feet and legs. Producers can use this section to choose sires that will match well with their cows' characteristics to make

quicker genetic improvements.

Production and Health Traits

The bull sheet is also home to the bulls predicted production information, which includes their ability to improve milk, fat and protein

production. Additionally, the sheet features calving ease and productive live scores that detail the bulls ability to effect longevity of offspring.

At the end of the day, producers who are well-known for being able to find the right match for their genetics select a few traits to focus on in order to improve those areas as quickly as possible. If you're interested in learning more about breeding sheets, check out this Holstein Foundation info sheet: http://www.holsteinfoundation.org/pdf_doc/workbooks/Gen_Sire_WKBK.pdf.

BRAEDALE GOLDWYN

JAMES X STORM
0200H003205

aAa: 234165 DMS: Kappa Casein: Beta Casein:

TPI: 1079		79733 Dtrs 19005 Herds 99% Rel.		Milk: -9 NMS: 312		Fat: 31 Fat(%) : 12 CMS: 384		Protein: 13 Protein(%) : 05 FMS: 237		Sire Calving Ease: 7.1% 99% Rel.		Daughter Calving Ease: 5.3% 99% Rel.		Sire Stillbirth: 6.7% 99% Rel.		Daughter Stillbirth: 6.5% 99% Rel.		Somatic Cell Score: 2.66 99% Rel.		Productive Life: 0.7 99% Rel.		Daughter Pregnancy Rate: -0.1 99% Rel.									
65127 Dtrs 16100 Herds 99% Rel.		PTAT: 2.80 UDC: 2.45 FLC: 2.36		Stature		Short		Tail		+2.83		Strength		Frail		Strong		+0.44		Body Depth		Shallow		Deep		+1.17					
Dairy Form		Tight Rib		Open Rib		+2.93		Rump Angle		High		Sloped		+0.17		Rump Width		Narrow		Wide		+0.44		Rear Legs Side View		Posty		Sickle		+0.33	
Rear Legs Rear View		Hook-in		Straight		+2.27		Foot Angle		Low		Steep		+2.22		F & L Score		Low		High		+2.86		Fore Attachment		Loose		Strong		+2.95	
Rear Udder Height		Low		High		+3.90		Rear Udder Width		Narrow		Wide		+3.59		Udder Cleft		Weak		Strong		+2.11		Udder Depth		Deep		Shallow		+2.15	
Fore Teat Placement		Wide		Close		+0.32		Rear Teat Placement		Wide		Close		+0.50		Fore Teat Length		Short		Long		+1.34									

UPCOMING EVENTS

- Washington County Spring Dairy Show - April 11, 2015
- Lease and Transfers completed and documented - June 15, 2015

DAIRY ACTION TEAM

- Mike Bodenhausen
- Carl Garten
- Kerri Ebert
- Carol Keen
- Haley Hamm
- Ross Mosteller
- Tricia Schmitz
- Maggie Seiler
- Bob Seiler
- Jill Seiler
- Dee Ann Shuck
- Pam Van Horn
- Mike Brouk
- Stephanie Eckroat
- Ryan Meyer

HAVE SOMETHING FOR THE NEWSLETTER?

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Hard work shines at Jr. Dairy Show

The 49th annual Kansas All-Breeds Junior Dairy Show held in Salina, Kan. August 14-16 saw an increase in the number of exhibitors from previous years. With 64 exhibitors and 119 animals, this year's show was the largest in the last five years.

In the show ring, Lin-Max Sanchez Austin exhibited by Taylor Leach of Leavenworth County sorted her way to the top of the Holstein show and also took home the title of Supreme Champion Cow. HDH Primetime Talent from Haley Hamm of Harvey County was the champion Brown Swiss Heifer and the Supreme Champion Heifer.

The showmanship ring was very competitive this year. Winning the 7-8 year old division was Katelyn Klipp of Washington County; 9-10 year old champion was Rachel Featherstone of Riley County; 11-12 year old champion was Melissa Henderson of Cowley County; 13-14 year old champion was Taylor Klipp of Washington County; 15-16 year old champion was Haley Hamm of Harvey County; 17-19 year old champion was Melissa Kropf of Coffey County.

Beyond the

show ring there was quite a bit for the exhibitors to participate in as well. In the judging contest, the junior division champion was Taylor Klipp from Washington County and the senior division was won by Jessica Hanson from Grant County.

Winning the open quiz bowl contest was the team made up of Jill Seiler, Sedgwick County; Jerret Bray, Douglas County; Jacob Klipp, Washington County; and Sophie Leach, Leavenworth County.

Ryan Meyer of Washington County was named the 2014 Harold Skelly Dairy Leadership Award winner.

New at the Junior Dairy Show this year was a competitive Dairy Skillathon. Participants identified different feed stuffs, breeds, body parts, equipment, parts of the udder, and read DHIA records. The winner of the junior division was Grant Fincham of Marshall County. The winner of the senior division was Jill Seiler of Sedgwick County.



Left: Taylor Leach exhibiting the supreme champion cow, Lin-Max Sanchez Austin. Right: Haley Hamm showed the supreme champion heifer, HDH Primetime Talent.

A big name

Old Mill E Snickerdoodle is the most well known Brown Swiss cow to step on the colored shavings of World Dairy Expo, and in October, she celebrated her 16th birthday. Her record alone speaks for itself as

she stood atop the breed six times at World Dairy Expo as well as taking home reserve champion honors an additional year and being named supreme champion of the show in 2003.