

Iowa's Dairy & Agricultural Center



*“Center of **Excellence** for Value-Added Agriculture”
-Governor Vilsack, 2000*

Purpose of the Center

Education

- College Students
 - Dairy Science
 - Large Animal Vet Tech
 - Beef Science
 - Ag Business
 - John Deere Tech
- Ag Business double major
- Over 1/3 of Calmar campus students are Ag majors
- Transferrable credits
 - Guaranteed Junior status at Iowa State University



Purpose of the Center

Education

- Youth
 - Iowa's Dairy Story
 - FFA and 4-H
 - Breed Associations
- Current Dairy Producers
 - ISU Extension programming
 - Continuing Education
 - Open facility
 - More than 700 members strong



Purpose of the Center

Education

- Consumers
 - Over 5,000 (recorded) visitors annually
 - Breakfast on the Farm
 - Open houses
 - Guided tours
 - Interpretive signage
 - Viewing areas
- Audience
 - School groups
 - Clubs/organizations
 - Producers
 - Families

*Telling the story of technology
in agriculture.*



Milking Parlor

- 140-cow herd
 - Milked 3x a day
 - Two styles
 - Parallel
 - Herringbone
- Designed to have a quiet teaching environment



Robotic Milking Viewing Area

- Producer & consumer education
- Continual access
- Cameras from SSNHA



How does it work?



Freestall Barn

- Sand bedding
 - 269 stalls
- Tunnel ventilation
- Automatic scrapers
- Additional technology
- Breeds
 - Holstein
 - Jersey
 - Brown Swiss
 - Ayrshire
 - Crossbreds



Technology



- Lely Juno, feed pusher
- Lely Luna, cow brush
- Lely Discovery, slatted floor cleaner



Lely Juno



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Lely Discovery



Transition Cow Barn

- Housing
 - Dry Cows
 - Calving
 - Treated
- Bedding
 - Bedded Pack
 - Sand





Calf Barn

- Capacity- 30 calves
- Individual pens
 - Avoid nose-to-nose contact
 - Easy cleaning and sanitation
- Pasteurized milk
- Tube ventilation system
- Innovative bedding methods



Additional information

- Farm Bureau Iowa Minute Commercial
 - <https://www.youtube.com/watch?v=tWbV5AP4q2g#t=13>



The screenshot shows a YouTube video player with a woman, Megan Kregel, in a farm setting. She is wearing a dark blue shirt with the Iowa Farm Bureau logo. The video title is "Iowa Minute: Robotic Milkers". The video player shows a progress bar at 0:25 / 1:00. Below the video player, there is a "Subscribe" button with 113 subscribers and a view count of 220 views.

Megan Kregel
Dairy Center Coordinator - Calmar, IA

Iowa Farm Bureau
IOWA FARM BUREAU
RURAL. PROGRESS. PRICE.

Iowa Minute: Robotic Milkers

Iowa Farm Bureau
Subscribe 113

220 views

Watch A Robotic Milker At Work
by VPR
1,003 views
2:08

Herky Nice
by IowaFilmmakers
Recommended for you
2:10

Managed Grazing and Robotic Milkers - Howard Straub, MI
by NCRSAREvideo
469 views
8:17

MR-S1 Milking Robot (English)
by BoumaticRobotics
202,992 views
9:15

Robotic milking demonstration, Fieldays 2014
by Bronwyn Llewellyn
187 views
7:57

Bruce Nelson, America Needs Farmers
by Iowa Farm Bureau
60 views
3:01

Why "The Bachelor" Chris Soules loves farming
by Iowa Farm Bureau
2,095 views
1:09

DELIVERANCE, Funny, Man CONFRONTS
Dearest Live! With What's Hot...

2:37 PM
2/18/2015

Additional information

- Cow Cam
 - <https://www.iowadairycenter.com>

The screenshot shows a Mozilla Firefox browser window displaying the website for The Northeast Iowa Dairy Foundation. The browser's address bar shows the URL iowadairycenter.com/index.php. The website header features the logo for The Dairy Foundation, which includes a silhouette of a cow and the text "THE DAIRY FOUNDATION". To the right of the logo, the text reads "Iowa's Dairy Center Making a Difference". Below this, it lists partners: "In Partnership with: Iowa State University, Midwest Dairy Association, and Northeast Iowa Community College".

The main content area is divided into several sections. On the left, there is a green sidebar with navigation links: HOME, ABOUT US, TOURS / PROGRAMS, EVENTS, FOUNDATION NEWS, PARTNERS, and CONTACT US. Below these links, there is a "LIVE CowCam" button, which is circled in yellow. A note below the button reads: "* In order to access the cameras, please enter 'nicuser' into the username and password areas". Below this note is another yellow-circled button labeled "ROBOTIC MILKING PROCESS". At the bottom of the sidebar, there is a "Like Us On facebook" button.

The main content area features a large image of a red Dairy Queen milk truck in a barn. Overlaid on this image is text for the "Northeast Iowa Community Based Dairy Foundation Annual Meeting" on "March 20, 2015" with "Registration: 10:30 a.m.". Below the image, there is a paragraph of text: "In the heart of northeast Iowa's dairy country, the Dairy Center sits on a hilltop just outside of Calmar, Iowa. The Dairy Center and Dairy Foundation work to bring together education, demonstration and research to foster the growth and prosperity of families who make dairy farming their way of life." Below this paragraph is another paragraph: "The Dairy Center is operated by the Northeast Iowa Dairy Foundation, a non-profit, grassroots organization formed to prepare young men and women to operate dairy farms, provide ongoing education for existing dairy farmers and serve as a public educational facility. The partnership with Northeast Iowa Community College allows students enrolled in agriculture programs to experience hands-on curriculum by working with the".

At the bottom right of the main content area, there is an "ANIMOTO" video player showing a red milk truck in a barn. Below the video player, there is a link: "Interested in learning more about us? Watch our video here."

The browser's taskbar at the bottom shows various application icons, including Internet Explorer, Firefox, and several Microsoft Office applications. The system tray in the bottom right corner shows the time as 3:14 PM on 2/18/2015.



Thank you for your time!

Questions?