

260th St

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Entrance

Parking

Milking Center

Feed Mixing

Machine Storage

Bedding Storage

Hay Storage

Veterinary Barn

Free Stall Barn - Lactating Cows

Solids Separation

Heifer Barn
(4-6 mo)

Heifer Barn
(6-10 mo)

Dry Cow/Transition Barn

Maternity/Calf Barn

Heifer Barn
(16-22 mo)

Heifer Barn
(10-16 mo)

Calf Hutches

Starter Barn
(2-3 mo)

Overflow Barn

Nutrient Storage

**IOWA STATE
DAIRY FARM**

52470 260TH ST.
AMES, IA 50014
515-296-4219

RESEARCH

- 156 Calan gates for individual feeding capabilities
- Nutritional studies
- Milk quality and mastitis control
- Cow comfort
- Genetics of energy balance

ANIMAL HOUSING & COMFORT

COMFORTABLE ANIMALS

With at least 500 free stalls our cows always have access to clean, dry, comfortable areas to stand and lay down.

FEED & WATER

Cows have access to high quality water and feed 24/7/365. The feed they receive may include corn silage, high quality hay, corn and soybean meal, as well as necessary vitamins and minerals, formulated by our consulting nutritionist.

VENTILATION

Our facilities offer natural ventilation with curtains that allow managers the option to reduce or increase ventilation based on the time of year. Fans and soakers provide heat relief during hot Iowa summers.



ISU DAIRY FARM

A DAIRY FOR IOWA & THE WORLD



TEACHING, RESEARCH & EXTENSION
WORKING DAIRY FARM

FEATURES

MILKING CENTER

State of the art classrooms and laboratories facilitate hands on learning experiences for students. The milking center also offers a full view of the milking parlor and is considered a dairy industry learning center.

MILKING PARLOR

The ISU Dairy milking parlor is a double 12 parallel parlor, with the ability to milk 24 cows at a time. Automatic cow IDs provide individual cow data on milk weights and activity for farm and research use.

ON-FARM NUTRIENT STORAGE

After going through solids separation, our farm's manure and other liquid nutrients are stored in a 2.6 million gallon tank. In the spring and fall these nutrients are used as fertilizer by direct injecting them into crop soil. This allows us to maximize our fertilizer value but minimize our environmental impact.

FOOD SAFETY

CONSISTENCY

Lactating cows are milked every day, twice a day at 7:30 am and 7:30 pm.

SAFETY MEASURES

After harvesting the milk, it is filtered before being cooled quickly and efficiently in which it is housed in a bulk tank at 38°F. All of the milk goes through testing for antibiotics and impurities to assure the highest quality of milk for human consumption.

MARKETING

All of the milk harvested at the ISU Dairy Farm is marketed and sold to Prairie Farms and rated Grade A.

CALF CARE

SAFETY

Young calves are kept under increased biosecurity conditions to minimize challenges to their developing immune systems.

CARE

Baby calves are housed individually, to best monitor health and nutrition. Once weaned, they live in small groups.

NUTRITION

Calves are fed a high quality commercial milk replacer. They receive 1 gallon twice a day and are offered free choice water and grain through weaning.

