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## 2009 Review — ISU Equine Teaching and Extension, Ames, IA

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## 2009 Review – ISU Equine Teaching and Extension, Ames, IA

### A.S. Leaflet R2534

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#### Summary

The current barns were built between 1923 and 1927. With the increased enrollment in Animal Science students, it is always a challenge with our facilities, as horse courses are always full. All the horses are used for teaching and outreach activities. The herd consists of Quarter Horses and Thoroughbreds. Quarter Horses are marketed towards the pleasure industry while the Thoroughbreds are marketed towards a racing career.

#### Equine Teaching

Student backgrounds range from no horse experienced to very experienced. The goals of teaching are to allow students to understand basic concepts associated with equine production and management; to develop concepts and skills for problem-solving and appropriate management integration in areas of safe and efficient horse handling, nutrition and reproduction; to understand basic physiology and chemistry as applied to equine animal systems; to apply scientific knowledge for problem-solving in the equine industry; to acquire scientific and technical knowledge and understanding as well as practical, managerial and business skills necessary to work within the equine industry, and to demonstrate an understanding of the anatomy, physiology, nutrition and psychology of the horse. Equine courses are listed in Table 1.

**Table 1. Equine Courses at Iowa State University.**

Course	Semester Taught	Number of Students
AnS 199X – Marketing and Management of Livestock Events – Equine New course added Fall 2009	Fall, Spring	
AnS 216 – Equine Science	Fall, Spring	125
AnS 217 – Equine Farm Practicum	Fall	17
AnS 306- Equine Selection	Spring	30
AnS 317 – Fundamentals of Equine Behavior and Training	Fall	15
AnS 415 – Equine Systems Management	Spring	38
AnS 417 – Equine Reproduction	Spring	16
AnS 475 – Horse Judging	Fall, Spring	10

The 65<sup>th</sup> Block and Bridle Horse Show was held at the Iowa State Fairgrounds. Over 300 exhibitors participated in the show.

#### Equine Outreach Activities

The youth and adult outreach programs are strong and continue to be an integral program with teaching.

**Table 2. Adult Equine Outreach Programs.**

Iowa Horse Judges Certification Clinic
Iowa Horse Cruelty Investigation Workshop
Master Equine Manager Level I
Master Equine Manager Level II Modules <ul style="list-style-type: none"> <li>• Functional Anatomy</li> <li>• Mare and Foal Workshop</li> <li>• Equine Biosecurity</li> <li>• Equine Business Management</li> </ul>

The Master Equine Manager Level I program consists of six 2-hour internet sessions that cover the science of horse management. In addition, participants attend a two-day hands-on skill development session at Iowa State University. Level II consist of individual modules covering in-depth aspects of horse management.

The purpose of both of these programs is to

- To provide in-depth training to selected horse enthusiast in order to increase the knowledge and skill in equine science, care and training.
- To develop a cadre of knowledgeable equine managers to assist ISUE in conducting educational programs and activities.
- To increase the quality, competitiveness and economic potential of the Iowa horse industry.
- To develop a volunteer network for Youth and 4-H/FFA horse programs.

**Table 3. 4-H and Youth Equine Programs.**

Iowa 4-H Horse Judging Contest
Iowa 4-H Horse Show @ State Fair
Iowa 4-H and Youth Jamboree <ul style="list-style-type: none"> <li>• Hippology</li> <li>• Quiz Bowl</li> <li>• Public Speaking</li> <li>• Team Demonstrations</li> <li>• Poster</li> <li>• Photography</li> <li>• Painting</li> <li>• Essay</li> <li>• Poetry</li> </ul>
4-H Roundup
Iowa State University Horse Judging Camp

#### New People

Codi Burris, MS joined the ISU staff in January 2009. Codi manages the farm and teaches Fundamentals

# Iowa State University Animal Industry Report 2010

of Equine Behavior and Training and Equine Reproduction.

## Horse Farm News

The University houses about 45 horses used for teaching purposes. The horse farm currently stands two Thoroughbred stallions and a Quarter Horse stallion, two of which are university owned. The broodmare herd is a mix of quarter horse and thoroughbred, with one remaining paint. The farm is expecting 20 foals in the spring, of which a few will be sold as weanlings and the remaining numbers to be sold as yearlings, to the general public.

The horse farm relies solely on donation to improve the quality of the herd. This year the University received some very high quality donations; Canaveral, a Thoroughbred stallion that won in excess of \$250,000 and has produced winners of over \$3 million, two daughters of AQHA Superhorse Rugged Lark, and daughters of other influential stallions.

Seven University bred race horses were very successful at Prairie Meadow this past season, with others coming in on the money at other tracks around the nation.



High Selling ISU Thoroughbred at the Iowa Thoroughbred and Breeders Association Sale.



Animal Science 415 Field Trip to Roland's Standardbred Farm in Grinnell. Students were allowed to drive the race horse.



She's Better Loud winning her first race at Prairie Meadows race track. ISU is the breeder of the mare.



Student participating in an internship at Peterson & Smith Equine Hospital in Florida