

Jerry D. Hawton

Professor

Appointment 30% Teaching, 60% Extension, 10% Service

Research Area Swine Nutrition and Management

Appointment History 1978-present Professor
1974-1978 Associate Professor
1970-1974 Assistant Professor

Professional and Honorary Societies

Member, American Society of Animal Science
Member, Intercollegiate Livestock Judging Coaches Association
Member, Alternative Swine Production Systems Program (MISA)

Five Most Significant Publications

Rozeboom, K.J., M.H.T. Troedsson, G.C. Shurson, J.D. Hawton, and B.G. Crabo. 1997. Late estrus or metestrus insemination subsequent to estrual inseminations decreases farrowing rate and litter size. *J. Animal Sci.*, 75: 2323-2327.

Hawton, J.D., L.J. Johnston, T.M. Salzer, and G.C. Shurson. 1996. Application of nutritionally improved corn and soybeans for swine. Proceedings: 57th Minnesota Nutrition Conference, pp. 263-304.

Hawton, J.D., L.J. Johnston, J.E. Pettigrew, and G.C. Shurson. 1992. A practical evaluation of starter diets in multi-phase swine feeding programs. Proc. 53rd Minnesota Nutrition Conference, pp. 213-241.

Hawton, J.D. 1990. Factors affecting feed intake. *Agri-Practice*, Vol. 11, No. 2, pg. 13.

Hawton, J.D., D. Bache, and B. McKenzie. 1980. High moisture grains for swine. *Pork Industry Handbook*, P.I. H.-73.

Awards

Minnesota State FFA Hall of Fame Inductee, 2004
Minnesota Livestock Breeders Hall of Fame inductee, 2003
COAFES Student Board – Outstanding Teacher of the Year, 2003-2004

Funding (Last Five Years)

Livestock Judging Team – J.D. Hawton Animal Evaluation and Teaching Endowment Fund - \$334,000.

Courses Taught (Last Five Years)

Designator	Name	Cr	% Effort	Term	Years
AnSc 3142	Advanced Livestock Judging	2	100%	Fall	1999, 2002
AnSc 2012	Livestock and Carcass Evaluation	3	100%	Spring	2000-2004
AnSc 2013	Beginning Livestock Judging	2	100%	Fall	2001, 2003

Service

Program Advisor, Central Livestock Association Computerized Feeder Pig Marketing Program
Coordinator, Spring Barrow Show Swine Judging Clinic, Albert Lea, MN
Coordinator, State 4-H and FFA Livestock Judging Contest
Initiated the J.D. Hawton Animal Evaluation and Teaching Endowment Fund Drive
Intercollegiate Livestock Judging Coaches Association, Eligibility Committee
Minnesota State Fair Swine Superintendent
Minnesota Spring Barrow Show Director
Program Co-Chair, Minnesota Pork Conference Meetings
Expert, Minnesota Pork Congress, Swine Center Information Booth
Coordinator, AgEd Club/Block & Bridle: Invitational Youth Livestock Judging Contest
Chairman, Oral Presentations, Academic Quadrathlon

Extension Activities (Last Five Years)

Program Team Involvement and Goals

The major programs include:

Swine Nutrition and Management

Audience: Minnesota pork producers and swine farm workers

Goals:

- Contribute to county and statewide swine educational programs (i.e., Allen D Lemman Conference, Swine Breeding and Gestation Management courses).
- Provide leadership, information development and case studies.
- Collaborate with faculty to plan, schedule, initiate and complete projects conducted at the St. Paul swine unit.
- Provide program planning, speaker selection/contact, edit conference proceedings, review publications.

Livestock Evaluation

Audience: Minnesota pork producers, students, FFA, livestock judges, youth clubs

Goals:

- Provide leadership to all U of MN general livestock evaluation events.
- Advise, coordinate, select classes, and officiate at various state and national judging contests.

4-H Youth Programs

Audience: 4-H youth

Goals:

- Provide education and mentoring to youth on swine nutrition and management, livestock evaluation and related topics.
- Coordinate, conduct and provide expertise to county, state and regional judging contests, quiz bowls, and web sites.

Product Development (selected materials developed)

Alternative Swine Producers Manual – reviewer and co-editor.

Program Delivery Events

Programs are delivered in a variety of formats including annual programs, workshops (classroom and on-farm), lectures, seminars, and county and regional meetings. Many specialists are enlisted by both the Minnesota Pork Producers Association and the National Pork Board to help with educational efforts at the Minnesota Pork Congress and the World Pork Expo. Activities include staffing an information booth,

interacting with producers, presenting educational seminars, and designing and conducting workshops. Some examples include:

- The Allen D. Leman Conference – annual international conference with ~700 attendees
- Breeding and Gestation Swine Management Courses
- Feeder Pig Production meetings - 2 to 4 statewide locations annually
- Minnesota Pork Conference meetings
- Minnesota Livestock Breeders Association Beef Judges Clinic
- Minnesota Livestock Breeders Association County Fair Judges Conference - annual