

Award Winners Honored At Grassland Environmental FFA Banquet

The Annual Grassland Environmental FFA Parent and Member Banquet was held May 27th at the Blue Ball Fire Hall.

Adam Loudon presented the Greenhand degree to the following members: Scott Anderson, Daniel Brenner, Joseph Day, Donald

Fair, Jeremy Hartranft, Randy High, Tim Horst, Mike Pellicciotti, Juanita Shirk, Jamie Weir, Lonnie Chapin and Aaron Humphrey.

Chapter Degrees, presented by Mrs. Donna Searle, went to the following students: Chuck Buchanan, Lonnie Chapin, Steve Frankford, Phil Horning, Darwin Horst, Aaron Humphrey, Troy Kauffman, Mike Lindenmuth, Brock Martin, Galen Martin, Lonnie Martin, Mike Middleton, Chappy Parmer, Janetta Shirk, John Stoltzfus, and Jeff Witwer.

Red Rose Degrees were presented to Heidi Fisher, Gretchen Frederick and Jim Shirk by county advisor Clifford J. Day.

Rodger Weaver was presented the Keystone degree by Dr. L. Lloyd Ruoss.

Heidi Fisher presented Certificates of Appreciation to Adam Loudon, mathematics cluster chair; Mary Jo Cancelmo, chairman of the State FFA Foundation Sponsoring Committee; Darlen McCosby, an alumnus and supporter; and Ronald Frederick, Eastern Regional FFA coordinator.

Julie Hess gave remarks from the State FFA Association as immediate past president.

Honorary Chapter Degrees were presented to Helen Good, guidance department secretary at Garden Spot High School; Delores Homan, food services director at Garden Spot High School; Lynne Schreffler, information and technology coordinator at Garden Spot Junior High School; and Mr. and Mrs. William J. Shirk, parents of Jim Shirk, environmental FFA president.

Proficiency awards were given to the following by agriculture teacher Robert Lauffer: Janetta Shirk, agriculture sales and service; Mike Pellicciotti, diversified livestock judging; Jeremy Hartranft, forestry; Angela Zeiset, public speaking; Rodger Weaver, extemporaneous public speaking; Scott Anderson, specialty crop production; Barb Snader, crop production; Donald Fair, placement in agriculture processing; Chuck Buchanan, ag products and processing; Brock Martin, turf and landscape management; Phil Horning, fruit and vegetable production; Troy Kauffman, outdoor recreation; Aaron Humphrey, ag mechanics award; Juniata Shirk, sheep production; Jeff Witwer, fish and wildlife management; Lonnie

Martin, soil and water management; and Jodi Hutchinson, pleasure horse award.

Jim Shirk received a National Volunteerism Award for placing in the top ten in that contest. He received a \$200 check to be used for his trip to Kansas City next year. Janetta Shirk received a portable TV and a plaque for selling the most citrus fruit in the chapter. Troy Kauffman was runner up in the fruit sale and received a Swiss army knife.

The Star Awards were given to the top all around FFA member at each level of membership. The selection committee based their selections on the students' interests and involvement in the FFA, quality of the students' occupational experience program, and involvement in other school and community activities.

The Star Greenhands were: Donald Fair in the field of agribusiness, Jeremy Hartranft in the field of natural resources, and Juanita Shirk in the field of production. Star Chapter degree in the field of production went to Janetta Shirk. Phil Horning was named Star Agribusinessman. Star Red Rose was given to Jim Shirk.

New Foods

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far more. Experiment stations spend about \$1 billion a year on agricultural research, says Filmore E. Bender, associate director of the Maryland Agricultural Experiment Station and a leader in Hatch Act centennial celebrations.

Three Basic Acts

"The Hatch Act was one of three basic pieces of public sector agriculture legislation," says Bender, whose office is on the University of Maryland campus in College Park.

"The first was the Morrill Act of 1862, which established land-grant colleges, one in each state, that were required to teach the agricultural and mechanical arts. The colleges trained people, but there was no developing body of agricultural knowledge, so the Hatch Act created the experimental stations affiliated with the land-grant colleges.

"The third piece of legislation was the Smith-Lever Act of 1914, which established the cooperative extension service. So you have a tripartite system: the land-grant university as a teaching institution, the experiment station doing research, and the extension service taking the results out to the public."

Because research scientists depend on both state and federal funds, they must take into account the agricultural needs of their states. That's why E.M. Buck found himself pondering the problem of what to do with red hake.

"Red hake is abundant off the New England coast, but it's what we call an underutilized species of fish," says Buck. "There isn't much demand for it because of a chemical reaction that goes on when it's in frozen storage; and when you thaw it, it gives off all its water, loses its texture, and gets chewy.

"We found in our marine-foods laboratory that, with proper

handling, you could freeze it successfully. We knew of the interest in surimi, seafood analogues like imitation crabmeat that are so popular today. We determined that red hake makes good surimi, nutritional and low in fat; ocean nuggets are a surimi product that combines squid and red hake. Now they're building a plant in North Carolina to use red hake in surimi."

Alan Epps might say reindeer also are an underutilized species. Alaska's herd numbers about 30,000, and is growing; about 27,000 are on the Seward Peninsula, where they are owned and managed by Alaska's native peoples. Eskimos annually eat about 220 pounds of reindeer apiece, compared with U.S. beef consumption of 79.8 pounds a year, but reindeer meat now is sold only to the "wild-game-restaurant trade."

Reindeer Survival Improves

"By controlling diseases and improving handling techniques, we've been able to increase the survival rate for young reindeer from about 50 percent to 80 or 85 percent," Epps says. "We're trying to develop new field-slaughter techniques and to improve inspection, so that reindeer meat can be used in sausage and sold as a specialty item."

If Buck, Epps, and their colleagues have an idol in their Hatch Act-funded work, it might be Robert C. Baker, a veteran researcher at Cornell University.

"In 1961, a colleague and I were asked to help the broiler industry come up with new products," Baker recalls. "So we got Hatch funds and developed a chicken hot dog. Everyone said you couldn't do it, that people wouldn't eat it, that chicken was entirely different from beef and pork. But basically meat is meat."

Industry put Baker's chicken hot dogs on sale in 1970. Today they account for 25 percent of the hot-dog market.

To prevent a hernia, lift with your legs.

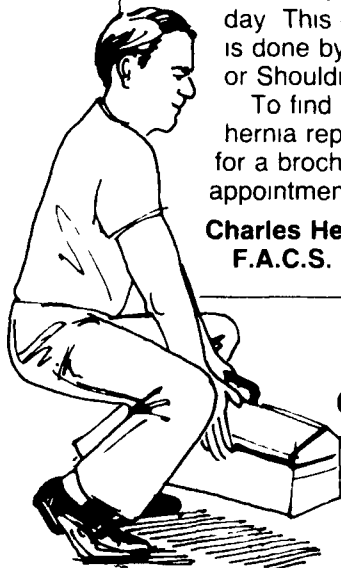
The groin is the weakest point. With strain it may give way and cause a hernia.

Bend your knees to pick up a heavy object, then straighten your legs. When your legs are doing the work your groin and back are protected.

What if you already have a hernia? In most cases, a hernia can be repaired in one day. This outpatient surgery is done by the Canadian or Shouldice method.

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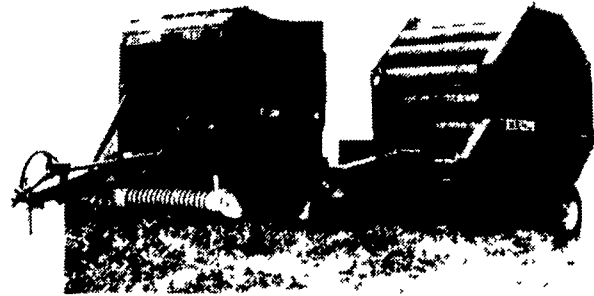
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