



It does  
a body  
good.®

**UNIVERSITY PARK (Centre Co.)** — Three graduate students in Penn State's College of Agricultural Sciences have been selected to receive the fifth annual John O. Almqvist Graduate Student Research Award.

The awards, sponsored by Gen-

ex Cooperative Inc., are intended to assist graduate students in the Department of Dairy and Animal Science in conducting quality research and to encourage the development of quality research proposals.

Harry Roth, general manager of Genex Cooperative Inc., presented the awards to Keith Bryan, Kathy Soder, and Dezhong Yin at a recent luncheon and award ceremony. All three are doctoral candidates in the animal science graduate program.

Graduate research proposals were evaluated and award recipients selected by a faculty committee chaired by Dr. John Comerford, associate professor of animal science. The winning students will receive funds to support their re-

search in pursuit of a graduate degree.

Keith Bryan's research topic is "Effects of Exogenous Somatotropin and Gonadotropins on Ovarian Folliculogenesis in Periparturient Gilts." His adviser is Dr. Daniel Hagen, professor and interim head of the dairy and animal science department.

Kathy Soder's research topic is "Influence of Dietary Cation-Anion Imbalance on Metabolic Health and Milk Production in Grazing Dairy Cows." Her adviser is Dr. Lisa Holden, assistant professor of dairy and animal science.

Dezhong Yin's research topic is "Transcriptional Regulation of the Fatty Acid Synthase Gene by Somatotropin in 3T3 F442A Adipocytes." His adviser is Dr. Terry Etherton, distinguished professor of animal nutrition.

Dr. John Almqvist, the professor emeritus of dairy science for whom the awards are named, was on hand at the presentation to congratulate the winners.

## Students Win Research Awards

### LENOX FARM SUPPLY'S ANNUAL SPRING PUBLIC AUCTION OF FARM, INDUSTRIAL, AND LAWN & GARDEN EQUIPMENT

**SAT., APRIL 19, 1997 • 9:30 AM SHARP**  
**SUSQUEHANNA COUNTY'S LARGEST FARM MACHINERY AUCTION**

To be held at our place, 2 miles East of Hop Bottom, PA (US Rt. 11) or from I-81 Exit 64 (Lenox Exit) West on Rt. 106, 2 miles to 1st left at Acre Lake, 3 miles to sale site, watch for signs.

#### TRACTORS, SKID STEERS, TRUCKS, LOG SKIDDER

JD 4320D, Fender, Wide Front, Sharp; JD 4020D ROPS w/Canopy, Very Nice, JD 3020G, JD 301G, IH 1086D C.A.H., IH 886D C.A.H., IH 856, New T/A, Clutch, Rubber; IH 766D Fender 38" Rubber; IH 656D w/Loader; IH 606G w/Loader, IH 484D w/2250 Loader 880 Hrs!!! Like New! IH Super C w/Fast Hitch; IH 140G w/3pt.; MF 165G New Rubber; MF 165G 1 Owner Nice; MF 135G; Ford 6700D, Dual Power, ROPS w/Canopy; Ford 4000G 8 Sp; Ford 3000G 8 Sp.; Ford Major Diesel; Ford Dexta; Ford NA; Oliver G1355D C.A.H. New Motor 140HP Super Sharp; Oliver 1955D w/747 Leon Q-Tach Loader; Oliver 1855D ROPS w/canopy 2400 Hrs; Oliver 1750D Cab Over/Under; Oliver 1655D 38" Rubber; Oliver 1655D Cab 4WD; Oliver 1600D 38" Rubber, 1550G w/White 1610 Loader; Oliver 550D Nice!; AC 6060D Fender 4WD New Clutch, Well Kept; AC 180D Fender Good Solid Tractor; JD 440 Log Skidder

#### COLLECTOR TRACTORS

JD 620G Wide Front, New Rubber; JD 730D Electric Start Wide Front; JD 530G 3pt; AC WD; Case DC w/3pt, Foot Clutch, L PTO Wide Front; Case SC 1940 Model; MH 101 JR; MH 33 MH 44-6 Wide Front Nice Original Condition MH 555 Diesel; Oliver 88 Standard Pulling Track Big Power!; JD 630G 3pt

#### TRUCKS & TRAILERS

1978 Mack R Model S/A Tractor 237 Motor 5 Sp Trans; 1965 White S/A Tractor 220 Cummins 10 Sp. Trans; 1973 White Western Star T/AB Dump 318 Motor, 15 Sp. Trans; 1973 GMC S/A Dump V-8 Motor 5 & 2 Sp; 1982 Ford F250 4x4 V-8 Motor 4 Sp. Trans; Ford F600 w/International S/A Liquid Manure Tank Truck; 1956 International B190 T/A Lime Spreader Truck! New 1997 Pequea T/A & S/A Utility & Skid Steer Trailers

#### GENERAL FARM MACHINERY

IH 710 5x18 Reset Plow; Oliver 575 5x18 Reset; Oliver 575 4x16 Reset Plow; Oliver 375 3x16 Reset Plow; Ford 4x18 Reset Plow; Ford 3x16 Reset Plow; Kewanee 12' Rock Flex Disc; White, MF, IH Transport Discs; Brush Hog 12' Offset Disc, 5, 7, 9 Tooth Chisel Plow 3pt & Pull Type; Landoll 7 Tooth Soil Saver 1, 2 & 3 Bottom 3pt Plows; Kewanee 12' Cultimulcher; JD 1240 Plateless Planter; MF 4 Row, Many 2 Row Planters; JD 8' Offset Disc; 5 Ton T/A Fert. Spreader; 2,4,6 Row Field Cultivators; IH 510 17 Hole Drill; MF & JD Drills; JD 2 Row Potato Planter Liquid Fert; JD 30 2 Row Potato Digger; NH 489 Haybine; NH 488 Haybine; NH 469 Haybine; NH 479 Haybine; NH 467 Haybine; IH 1190 Mow/Cond.; Gehl 770 7' Mow/Cond.; Case 9' Mow/Cond.; Gehl 1500 Round Baler; NH 326 w/#70 Hydro Thrower; NH 315 w/#70 Thrower; NH 311 w/#70 Thrower; NH 276 w/#58 Thrower; JD 346 w/#40 Ejector; MF 124 w/Thrower; IH 430 w/#10 Thrower; Oliver 60 Baler; NH 258 Rake w/Dollies; NH 56 Rake; JD 660 w/Dolly; IH 35 Rubber Teeth; MF Rake; NI 272 Cuditioner; NH 450 3pt Mower; IH Mower; JD 530 Dynabalance Trailer Mower; NH 770 Chopper w/770 Pickup Head 822 Corn Head; Gehl 940 T/A Forage Wagon w/Roof; Papec 14' Forage Wagon; Gehl 99 Blower; Papec Blower, New Metal Hay Wagons w/Gears, Many Metal & Wooden 16' & 18' Hay Wagons, New & Used Feeder Wagons; Allied, Little Grain Farmec Hay & Grain Elevators; Pequea 920 Double Rake Hitch (Brand New); IH 1150 Grind er Mixer; Gehl 95 Grinder/Mixer; Martin Scavenger Spreader; NI T/A 3968 Spreader; NH 512 Spreader Several Ground Driven Manure Spreaders; NH 818 Self-Propelled Chopper; JD 45 EB Combine 1500 2 Row Corn, 10' Grain, Good Selection of 3pt & Pull Type Rotary Cutters, Back Blades, Post Hole Diggers, Bale Spears, Etc. Etc!

#### MISCELLANEOUS FARM

JD 4020 Cab Nice; IH 66 Series Cab w/Air New Koyker 210 Bucket Loader, 34" & 38" Duals, NH #58 Bale Thrower Complete; Wic Feed Cart (New Motor) 760 Allied Loader (Fits 1600 Oliver Thru White 2-1 New Replacement Steel Flatbeds for Trucks, 5', 6', 7', 8' New & Used Snowblowers, 4, 5, 6, 7, 8 Foot Rotary Cutters; 3pt Forklifts

#### TRACTORS FOR PARTS AS FOLLOWS:

OL 1650, Ford 4000G, Ford Major, Farmall C, Farmall H, Many More Various Tractor Parts, Etc., Etc., New 8x11 Storage Barns, New & Used 4, 5, 6, 7, 8 Foot Buckets

#### CONSTRUCTION & QUARRY

NH 785 Skid Steer; Ford 4500 TLB; Case 310 Crawler/Loader w/Backhoe; Case 530 TLB; Case 586 Forklift, Shiftlift; Oliver 551 Forklift, Nice; Case 430 Forklift; AC Forklift (Needs Motor Work) Several Hard Tire Fork Trucks; Ford 4500 Loader Tractor; Target 6505 6HP Stove Saw Good Condition; Several Water Pumps, Water Tanks, Etc. Asplundh Beaver 6 Cyl. Brush Chipper Works Well; Chipmore Brush Chipper Needs Motor Work; Chipmonk Brush Chipper (Needs Repair); IH Power Road Paver; Tar Buggies, Etc. Etc.

#### LAWN & GARDEN

Expecting 50-100 Pieces! Deutz-Allis 5220 26HP Diesel 4WD w/Q-Tach Loader, Power Steering 800 Hrs; JD 318; JD 210; JD 212; JD 140; JD 110; AC B-112 w/Loader, Gravely Model 816S; Cub Cadet 2135 8 Months Old; CC 1200; CC 1250; CC 1450; CC 72; Power Trimmers; Push Mowers, Etc.

**TERMS: Cash or Good Check w/Proper ID; All Items Are Sold As Is, Where Is, Not Responsible for Losses, Theft, Damages, or Accidents. Sale List Subject to Additions & Deletions.**

**For Sale or Consignment Information Contact:**  
**Kurt Kulick, Auction Manager**  
**RR#1 Hop Bottom, PA 18824 • 717-289-4349**  
**LUNCH • LOADER TRACTOR • LOADING DOCK**  
**TRUCKING AVAILABLE**

Consignments Accepted Until Friday, April 18th - 5 PM  
**MANAGER'S NOTE: Thank you for your business and also for making our past sales so successful. We look forward to seeing you Sat., April 19th, SO TELL A FRIEND, BRING A FRIEND**  
**FREE Drawing For Cash Prizes Immediately. After Sale. Must Be Present w/Buyer's No. To Participate.**

### WILLIAM MEYER FARM MACHINERY AUCTION MON., APRIL 14 6:00 P.M. CASTILE (WYOMING CO.) NEW YORK

Sale to be held at the farm 5852 State Route 39 west, just out of Castile, app. 1/2 mile south of the intersection of Rtes. 39 and 19A or 2 miles north of intersection of Rtes. 39 and 436 at Lamont.

Discontinuing farming selling will be a very well kept line of owner-operator machinery right ready for the field!

IH 1456 diesel with 20.8x38 tires, 2 hyd. outlets, bolt on duals, 3406 hrs.; IH 856 diesel with Levy hyd. front end drive system, single hyd. remotes, 18.4x38 tires, bolt on duals, 3010 hrs.; IH 806 diesel with 18.4x38 tires, 2 hyd. remotes, 6300 hrs.; IH 666 diesel with 300 hrs. on complete rebuild, single remote, 16.9x38 tires, 2 pt. fast hitch draw bar, 5700 hrs; Farmall "H" narrow front tractor.

Real Sharp 1973 IH 2010 A ten wheel twin screw truck, 10:00-20 rubber, 549 gas engine, 5 sp. trans., with 3 sp. aux. with hoist and 1988 Hood 7000 small grapple log loader with little use. A nice outfit here!!; A Pair of Nice IH single axle farm trucks originally from the Olmstead Hill Farms Auction at Avoca, NY and still just as nice; 1967 IH 1600 with

345 gas engine, 5/2 aux., 14 ft. Haines bulk body with grain pan; 1963 IH 1700 with 345 gas engine, 5/2 aux., 16 ft. Haines body with grain pan; 1971 Miley tandem axle two horse enclosed trailer, 7 ft. thoroughbred height, excellent condition!;

JD 7000 4 row narrow corn planter with liquid fert.; IH 10 drill 18 disc, like new, dry fert. boxes never used!; IH 720 on the land 6x16 plow with good spring coulters; IH 540 4x4 semi-mt. plow with coulters; IH 311 3x16 2 pt. hitch plow; JD TO340 offset transport plowing disk; Brillion 14 ft. transport cultipacker; Brillion 12 ft. cultimulcher; Brillion 20 ft. transport drag; McConnell 16 ft. transport drag; IH 45 12 ft. and 10 ft. vibrashanks; 12 ft. drag; 2 pt. 2 row tool bar cultivator; 2 pt. 4 row fast hitch cultivator; 3 pt. 6 ft. scraper blade; Servis heavy duty 6 ft. pull behind rotary mower; Old orchard cultivator; 2 wheel utility trailer; 12 ft. dump trailer Two (2) diamond steel flat truck bodies (24 ft. and 20 ft.); 16 ft. flat truck rack; 1000 gal. steel water tank; old NI steelwheel rake, like new; Cyclone grass seeders; Homebuilt single axle lowboy trailer; Set of 14.9x38 tires and rims; Set of 18.4x38 snap on duals; One good 20.8x38 tires; Hyd. cylinders; IH front and rear weights; Arist Craft 17 ft. fiberglass boat with Evinrude 40 hp outboard motor and trailer; Almost new Homelite 2 in. transfer pump with hoses and fittings; Howard over/under platform scales; Elect. bulk body unload motor; Bogs 16 in. wooden potato grade in good cond.; 40 ft. wooden and 32 ft. alum. ext. ladders; 3 chain saws; Stihl 041 farm box; Homelite and McCullough; Century 250 welder; Sears 4 hp compressor; 3-1/2 hp rototiller; Drill press; cut off saw; roll around tool chest; vise; torches - gauges - cart and tanks; plus misc. other items.

Again, a very well kept lineup here!!! Lunch and Comfort Facility on site.

**Terms: CASH or honorable check day of auction. Acceptable ID (drivers lic.) required for bidder cash.**

**OWNED BY:**  
**WILLIAM E. MEYER, SR.**  
**WILLIAM T. MEYER, JR.**  
716-567-8369

Auction Conducted By  
**James P. Pirrung**  
**PIRRUNG AUCTIONEERS, INC.**  
Wayland, New York  
716-728-2520

## Tolerant Seeds Join Product Line

DeKALB, III. — Years of biotechnology research and field testing are available to growers as Dekalb Genetics Corporation adds 20 new herbicide and insect resistant seed products to its product lineup. These new additions expand the options available to growers in controlling weed and insect pressures which can have a costly impact on yield.

Several of these new products combine Dekalb's proven strong genetic performance with value-added specialty trait benefits. Newcomers to Dekalb's extensive product line include: corn hybrids bred for resistance to widely used herbicides like sethoxydim, a grass herbicide sold under the brand name Poast®, Glufosinate for broad spectrum post-emergence control and Imidazolinone, an annual broadleaf and grasses herbicide designed for use with IMI-Corn™ hybrids.

New soybean releases include several new Roundup Ready™ varieties, as well as STS™ soybeans for use with DuPont® soybean Sulfonylurea herbicides. Dekalb has also introduced a new early fall dormant alfalfa variety with the HopperGuard™ protection trait, which provides proven resistance to potato leafhopper insects.

### Public Auction Register

Closing Date Monday 5:00 P.M.  
of each week's publication

SAT APR 5 - 8:30AM Real Estate, Tools, Motorcycles, Guns, Household Hummelstown/Londonderry Township PA Directions Off Rt 283 Take Hummelstown/Middletown Exit Toward Middletown, First Right on To School House Road, One Mi Turn Left on Miller Road to Auction Selling for Phyllis A Green and The Estate of Carter J Green Ziegler Auction Co

SAT APR 5 - 9AM 3 Tractors, Misc Equipment, Lrg Amount of Tools, Lot Antiques, Household, Glassware To be Held at the Redding Auction Service Located Taking Rt 34, 1/2 Mi North of Gettysburg, PA - Bear Right at Y (At Car Wash) & Continue 2 Mi on Table Rock Road to Auction Site Guy L Deardorff Estate and S Chronister C David Redding

SAT APR 12 - 9:30AM Farm Machinery, Tools, Etc The Auction will be Held at 621 Fairview Dr, Hanover, PA From Hanover Take Rt 94-S Approx 3 Mi, Turn Right onto Fairview Dr and Go 1 Mi to Auction Or From the MD-PA Line, Take Rt 94-N Approx 5 Mi, Turn Left onto Fairview Dr and Go 1 Mi to Auction Norman B. Nace Owner Nevin E Tasto Auctioneer

SAT APR 12 - 10AM 22nd Annual Consignment Machinery Sale 10 Mi South of Cazenovia, Or 30 Mi North of Cortland on Rt 13 or 5 Mi North of DeRuyter, NY Darrows Used Farm Tractors Howard Visscher & Bruce Cottrell Auctioneer

Farm Machinery, 1995 Odyssey Four Wheeler Located at 2127 Monument Road Myersville, MD From 170 Take Exit 32-A (Route 40 East) 6 Mi to Pleasant Walk Rd on Right 2/10 M to Canada Hill Road, Go 1 1/2 Mi Turn Right onto Monument Road 2/10 Mi to Sale on Left Owner Eva Lynch C Floyd Davis Auctioneer

SAT APR 12 - 11AM Engines, Parts, Accessories Toys, Small Size, Pump Engines, Belts, Plugs, Trains, Erector Sets Etc Hazlelet, NJ 986 Hwy 36 (Just off GS Parkway) Estate of John Woodpecker Smith Dennis Auction Service

SAT APR 12 - 12NOON American Indian Jewelry Auction At Ridge Fire Co PA Tpk to Exit 23 - North on Rt 100 - East on Rt 23 - 3 Mi To Ridge Kathy Maurer Auctioneer

SUN APR 13 - 11AM Annual Outdoorsman Auction Col Kirk's Auction Gallery Rt 42 Evers Grove, 2 Mi So of Millville & 6 Mi No of Bloomsburg, PA Col Kirk S Williams Auctioneer

WED APR 16 - 4PM Estates of John Smith, Pottsville Street, Pt Carbon, Joseph G Richits, Tuscarora Street, Port Carbon, ETAL 2500 W End Ave, Pottsville, PA Blum's Auction Service

FRI APR 18 - 6PM Estate Stamp & Coin Collection 2500 West End Ave, Pottsville, PA 17901 Blum's Auction Service

SAT APR 12 - 10AM 2 Tractors,