

(Continued from Page 13)

extension work, and part of his time will be spent train-



Darvin Boyd

ing boys and girls at the leadership farms there. In addi-

to the nine provinces and two major cities in Korea.

Mrs. Boyd, a graduate of Elizabethtown College and a former elementary school teacher, hopes to teach in Korea during the time her husband is employed there.

Following his last Korean visit, Boyd delivered talks to many county groups. The money he received for these talks, some \$600, was invested in a 4-H hog-bank program for Korea, similar to the Sear's chain gilt plan enjoyed by Lancaster County Future Farmers of America.

Boyd combines the qualities of a good farm background and education and training at the college level. He graduated from Delaware Valley College of Science and Agriculture in 1964, and later earned his master's degree in public administration. Added to these qualifications are a deep interest in the Korean people.

Double Premium Offered For All American Show

HARRISBURG — Double premiums in the state or provincial herd class were announced this week by the Pennsylvania All-American Dairy Show for all breeds that make the All-American their official national show.

Harold R. McCulloch, manager, said first place in that class for national breed shows within the All-American will carry a premium of \$200, highest single cash prize in the entire show. The second place premium will be \$150, and \$100 each for all other entries.

First to benefit from the premium boost will be Ayrshires whose breeders will be

holding their 1966 national show during the third Pennsylvania All-American, Sept. 12-16 in the State Farm Show Building.

Cuthbert Nairn, Douglassville, general chairman of the show and president of the Pennsylvania Dairy and Allied Industries Association, said the higher state herd premiums may be an inducement to other breeds for holding national shows at the Pennsylvania All-American, an open international event.

McCulloch announced also an offer of \$225 from the Brown Swiss Cattle Breeders, Beloit, Wis., as special premium money to be divided equally among state or provincial herd entries in that breed. Top group category in the

All-American, the state or provincial herd class, consists of eight animals — one bull, any age; 2 females, any age; 2 females, two years or older, and 3 females, under 2 years. They must be owned by at least three exhibitors whose farms are located within the state from which they are entered.

Dairy farmers in the United States and Canada may enter purebred Milking Shorthorn, Jersey, Holstein, Guernsey, Brown Swiss and Ayrshire. Show sponsors are the Pennsylvania Department of Agriculture, its Farm Show Commission and the dairy association. Entries close August 15.

Dairy Scientist Values Mature Equivalent Data

The accuracy of comparing milk production from cows of different ages can be improved by analyzing the records of the Dairy Herd Improvement Association (DHIA), a U.S. Department of Agriculture scientist reported recently.

Dr. Ben McDaniel, dairy cattle geneticist of USDA's Agricultural Research Service, said that to keep age differences from confusing DHIA records, yearly milk and butterfat production of all cows has been statistically standardized at a so-called "mature equivalent." This represents the estimated production of a cow about 6 to 8 years old.

Mature-equivalent production records are an important tool for evaluating the genetic capacity of young bulls to upgrade a herd, McDaniel said at the annual meeting of the American Dairy Science Association in Corvallis, Ore.

A bull is evaluated by checking the record of his daughters against that of other cows in the same herd. This usually means comparing cows of various ages. To correct this variation, age correction factors were developed in 1954 and refined after several years' accumulation of data.

McDaniel said that errors in calculating mature-equivalent production may also be caused by the change in seasons, the differences between regions, and the independent variation of milk and butterfat production.

A long-suspected seasonal difference in the adjustment necessary for a heifer to arrive at her mature equivalent was proved statistically by McDaniel. He found that heifers freshening in summer required less correction than cows first starting to produce milk in winter.

Regional variations also cause errors in currently used correction factors because production differences between some areas are greater for mature cows than for 2-year-olds.

McDaniel added that a cow's fat production rises more slowly from year to year than her milk production, causing errors in mature-equivalents because both production rates have been adjusted with the same ratios. Future calculations will be done with separate ratios. McDaniel believes that his new findings can be programmed into the DHIA computer by autumn.

It is better to ask some of the questions than to know all the answers—James Thurber

It took Washington and the members of the Constitutional Convention 96 days to frame the Constitution.

BYERVALE COMPLETE REGISTERED HOLSTEIN DISPERSAL

At the farm (just off Rt. #324) along Run Valley Rd. 6 miles South of Lancaster, Pa., Lancaster County.

FRIDAY, AUG. 19, 1966

40 REGISTERED HOLSTEINS
Certified Accredited Vaccinated

Nearly 100% Atlantic Breeders Coop. Sired herd, 26 milking age, 8 bred heifers, 6 open and younger heifers. Herd freshening schedule: 7 were fresh June and July, 3 due August, 4 due Sept., 2 due Oct., balance due later.

Sales includes (7) Ivanhoses, (9) Sequoia's, (2) Dean, (2) Lucifer Star, others by TyVic, General, Lad, Misty, Archie, Reflector and others.

Owner sampler records:

Ivanhoe Florence — 3y - 345d - 16,407 - 597 - 3.64%

Amelia Lucifer — 6y - 329d - 15,930 - 505 - 3.17%

Amy Dean — 5y - 322d - 12,824 - 589 - 4.59%

Ivanhoe Snookie — 2y - 269d - 12,598 - 516 - 4.1%

3y - 245d - 13,446 - 536 - 3.99% inc.

Rag Apple Ann — 3y - 309d - 12,571 - 507 - 4.0%

Ivanhoe Ida — 4y - 284d - 12,358 - 494 - 4.0%

Cattle have size, dairy quality, selling only because discontinuing farming. Cattle can be seen any day except Sunday.

Catalogs Sale under cover
Auctioneers and Sale Mgrs.

Carl Diller - 392-5235

J. Everett Kreider - 284-4517

Sale at 1:00 p.m. D.S.T.
by LABAN Z. and MIRIAM S. BYERS
Lunch by New Danville Fire Co.

The Annual Lancaster

AYRSHIRE SALE

SAT., AUG. 20, 1966

3 mi. Southeast of Quarryville on Pa. 472

35 FRESH COWS & HEIFERS

Featuring

PRODUCTION - QUALITY - SOUNDNESS

Daughters of the following Sires selling:

Reidina Double Don Jon Ell Colonel Fashion

Clover Crest Martha's King Reidina Corsai

Windrow Preferred Kingfish Vista Grande Nappy

Glengarry Lloyd Royal and others

Sale sponsored by Lancaster Co. Ayrshire Club and Chester-Del. Ayrshire Club.

For catalog write:

Sale Manager

LEROY C. SENSENIG

R#2, Quarryville, Pa.

PUBLIC SALE

of FARM MACHINERY

SHOP TOOLS, ANTIQUES

AND A FEW HOUSEHOLD GOODS

SATURDAY, AUG. 20, 1966

Located one and one-half miles West of Quarryville Cemetery and Route 222 along the Scotland Road, one and one-half miles East of the Buck and Route 272, Lancaster County, Pennsylvania. Having sold my farm, I will offer the following equipment for sale:

CASE 300, TRACTOR

New Idea 501 Loader; Farmall H Tractor with Super Kit; V-A-C Case with Cultivator; Farmall Super A Tractor with Cultivator, Plow, Tobacco Planter, Hoers Side-dresser and Corn Planter; Case, 220 Baler with thrower, nearly new; Cunningham Hay Crimper; Ferguson Hay Rake; Case Tractor Mower; Oliver 13-disc Grain Drill; 24 Case Disc; 4 Section Spring Harrow; 9' Cultipacker; J. D. 2-bottom 16" 3-point Plow; Gehl Ensilage Cutter and Pipe; 3-point Chisel; Cement Mixer; 3-point Bush Hog; Farquhar Steam Boiler on Steel in good condition with pans and hose; Massey Ferguson Flail; 3 Wagons for hay with high sides; Wagon for green chop; Wagon with grain Bin; New Idea P.T.O. Tractor spreader; Wood Bros. Corn Picker P.T.O.; Mc-Deering Ground Driven Corn Binder; A-C 5 foot P.T.O. Combine; 3-point Scraper 6'; Tobacco Ladders and Wagon; 550 gal. Tank on chassis with Rotary pump and hoe; High Pressure Hose; 6-can front end open Milk Cooler; 4-can front end open with Milk Cooler; 20 Milk Cans; 2 DeLaval Units; Weed Control Fencer; Air Compressor; 9,000 Tobacco Lath.

TWO DRILL PRESSES

Iron Work Bench with Vice; Anvils; Emory Stone; Shaking Fork; Fans; Clamps; Carpenter Tools; Sledges; Hammers; Oil Tank.

ANTIQUÉ WAGON SEATS; Half Bushels; Egg Stove and Pot Belly Stove; Antique Corn Planter; Iron Pots; Dinner Bell; Old Forge; Blacksmith Tools; A lot of Old Iron; Pipe Fittings; Hog Troughs; and a lot of numerous items.

Sale at 9:30 a.m.

Terms by ALBERT L. HERR

Quarryville R. 1, Pa.

Leroy Zook, Auctioneer

Umble and Kennel, Clerks

Lunch Available

Not responsible for Accidents day of sale.

269TH GARDEN SPOT SALE
THURSDAY, AUGUST 18 (12:00 Noon)
LANCASTER, PENNA.

Sale held on the J. M. Brubaker farm located about 1 mile south of village of Willow Street which is 4 miles south of Lancaster, Pa. Just off Rtes. 72 and 222.

90 REGISTERED HOLSTEINS

THIS SALE FEATURES THE COMPLETE DISPERSAL OF A 70 HEAD HERD!!

SYLVAN'S FARMS COMPLETE DISPERSAL

46 Milking Age — 10 Bred Heifers — 13 Open Heifers & Calves
1 Herd Sire

GOOD DHIA RECORDS ON COWS SELLING!! 1 with 742 fat, 4 from 600 to 671 fat, 12 from 501 to 587 fat, 22 from 405 to 499 fat. Others on test now. All records made under absentee ownership.

HERDSIRE SELL WITH 15 DAUGHTERS AND SOME BRED TO HIM! Sylvan Hickory Creek Lucky 5/1/59 is a son of Hickory Creek Proud Prince from a dam with 600 fat and 17,550 M. His daughters are now in milk and producing very well. One has 471 f. 13,430 M. at 2y8; another 471 f. 15,947 M. at 2y7.

WELL KNOWN SIRES WITH DAUGHTERS SELLING!! 3 by Wis Supreme Crusader - 3 by Jess Pabst Leader - 2 by River Valley Wallie Supreme - 1 Penstate Marksman Reflection - 2 by Hickory Creek Aristocrat - 1 by C. C. Invincible - others by Pabst Sir Roburke Rag Apple - H. F. Aaggie Keystone - Skokie Creation Mister.

HERD IS BRED TO WELL KNOWN SIRES!! 4 bred to Ellbank Admiral Burke Ideal - 4 to Skokie Dunloggin Boy - 3 to Skokie Satellite - 3 to Irvington Pride Commander - 2 to Mooseheart Monogram - 2 to Skokie Famous Duke.

Sylvan-S Farms is owned by Anthony Wayne Smith or Anya F. Smith, R. 3, Mercersburg, Penna. The herd will be moved to the Garden Spot location.

ALSO — There will be other good cattle from our regular consignors.

MAKE YOUR PLANS NOW TO ATTEND THIS COMPLETE DISPERSAL AT THIS 269TH GARDEN SPOT SALE!!
Sale starts 12:00 Noon Lunch Available Catalogs

R. AUSTIN BACKUS INC.
Sale Mgrs. & Auctioneers
Mexico, N. Y.

EARL L. GROFF
Local Rep.
Strasburg, Pa.