

Public Auction

Of New & Used Farm & Industrial Equipment

4 Miles North of York on Route 181, Exit 10 or 11 from Interstate 83, 20 miles south of Harrisburg, Pa.

FRIDAY, AUGUST 21, 1970
10 A.M.

50 TRACTORS

John Deere, International, Ford, Allis Chalmers, Massey Ferguson, Oliver, Case, & others, new Massey Ferguson 135 crawlers, corn pickers, harvesters, blowers, flail choppers, combines, elevators, drills, 1-2-3-4-5 bottom plows, drag harrows, hay conditioners, stalk choppers, Rotary Mowers, new gravity bins, new wagons, forage wagons, harrows & all kind of farm machinery.

Farmers & Dealers — Bring your surplus equipment in for this sale. We sell anything on commission — wanted good used equipment — next sale Sept. 18, 1970. Sale the third Friday of every month. Small items at 10 a.m. — machinery 12:30 p.m. Tractors - 3 o'clock.

Private Sales Daily

TERMS: Cash or good check

York Co. Farm & Ind. Equip. Co., Inc.
Box 222
Emigsville, Pa.
Phone: 717-764-6412 - 717-764-5115

PUBLIC AUCTION

ABSOLUTE

WEDNESDAY, AUG. 26, 1970
10 o'clock A.M.

at Felton, Delaware, on Route 13

19 Combines w/Grain tables & some w/corn heads.
5 Massey Ferguson 510 Combines w/diesel motors, cabs, straw spreaders & straw choppers. 14 ft. grain heads.
3 Massey Ferguson 410 Combines w/cabs, 2 diesel - 1 gas motor - 14 ft. grain tables.

CORNHEADS

3 - 422 Cornheads - 4 Rows - 40"; 1 - 621 Cornhead - 6 Rows - 30"; 1 - 421 Cornhead - 4 Rows - 30"; 2 - Massey Ferguson 300 Combines w/grain tables; 3 - Massey Ferguson 82 Combines w/grain tables; 1 - Massey Ferguson 92 Combine w/grain table; 1 - John Deere 45 Combine w/grain table; 1 - John Deere 210 cornhead; 2 - Oliver 40 Combines w/grain tables; 1 - McCormick 141 w/ grain table; 1 - M.F. 80 Special w/grain table; 1 - 503 International Combine w/grain table; 1 - 403 Corn head 4 row - 40" rows; 1 - Case 1160 Combine w/grain table; 1 - Case 4 row cornhead; 1 - Allis Chalmers E.Gleaner w/grain table.

Auctioneer's Note: Most of these combines have cabs, some have straw choppers, or straw spreaders, & robot control, & grain tank extension.

5 TRACTORS

Massey Ferguson 1100 diesel w/cab, Ford 6000 diesel, Oliver 770 Gas, Massey Ferguson 65 gas, Massey Ferguson 203 work bull w/backhoe & loader (821 hours - like new).

EQUIPMENT

Ford 5 bottom plow, Case 14 ft. transport disk, 9 ft. transport disk, Massey Ferguson 4 bottom plow, Massey Ferguson 6 row cornplanter 30" rows, Decker 4 row flail-chopper, fork for M.F. loader plus several other pieces.

Auctioneer's Note: Many of these machines are only a few years old and in good shape. Some are like new and some are used harder than others. If in need of a combine or large tractor, don't miss this sale. Everything sold to the highest bidder.

TERMS: Certified Check, Cash, or Certificate from bank ok'ing check. Make checks payable to Auction Company.

Sale Conducted By:

York Co. Farm & Industrial
Equipment Co., Inc.
Box 222, Emigsville, Pa.
Phone 717-764-6412

Sale Conducted For:
Massey Ferguson Inc.
Towson, Md.

Auctioneer: Blaine N. Rentzel

Penn State Tries Computer To Teach Beef Improvement

Computers are the newest teaching tool for improving beef cattle herds, as shown recently at Pennsylvania State University. Using a computer in a three-day workshop, herd improvements normally possible in 12 years of breeding were simulated during a National Charolais Junior Leadership Conference

carried out by the College of Agriculture

Each of the 120 juniors and 20 adults from 22 states played a "computer cow selection game" developed at Iowa State University. From a make believe herd of 50 cows and 5 bulls assigned to each student, a computer calculated the changes possible in weaning and yearling weights, yearling conformation score, and post-weaning daily weight through 12 years of beef cattle selection.

At the start, the participants selected cows, heifer calves, mature bulls, and replacement bull calves. The selections were based on any one of the above performance traits.

Some of the participants were able to increase the average yearling weights by 15 per cent. This demonstrated the breeding progress that can be achieved through careful use of beef performance records, according to Lowell L. Wilson of the Department of Animal Science at Penn State.

Each of the different traits were assumed to have a "heritability estimate" derived from actual breeding research trials. This heritability estimate for a certain trait represents the percentage of measured differences that are caused by genetic factors within a group of animals.

"Traits which are highly heritable, such as yearling weight, usually can be improved more rapidly than traits of moderate or low heritability, such as weaning weight or reproductive efficiency," Dr. Wilson stated.

He felt the computer exercise at Penn State emphasized the importance of paying close attention to performance records if genetic improvement is to be made within a herd or breed.

Personnel of the American International Charolais Association assisted Dr. Wilson and Lester A. Burdette and Hugo Varela-Alvarez of the Penn State animal science staff in conducting the computer cow program.

Impressed with the program, the animal science staff will use the technique in future youth work and breeder events both on and off the campus.

Section of Maryland Put on Hog Quarantine

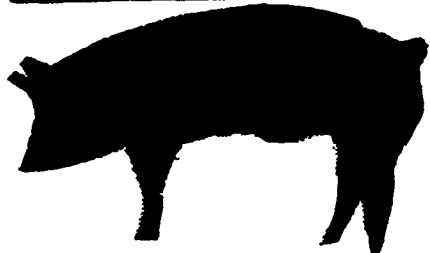
A portion of southwestern Prince George's County and the northern half of Charles County, Md., have been put under a hog cholera quarantine by the State Board of Agriculture (SBA)

The action was taken on discovery of a case of the highly virulent swine disease in a small herd of 12 pigs near Waldorf. The pigs were destroyed and buried immediately to prevent any spread of the disease.

SBA Animal Health Department officials say the case appears to be an isolated incident, and there is "no reason, at this time, to believe that it will become an outbreak."

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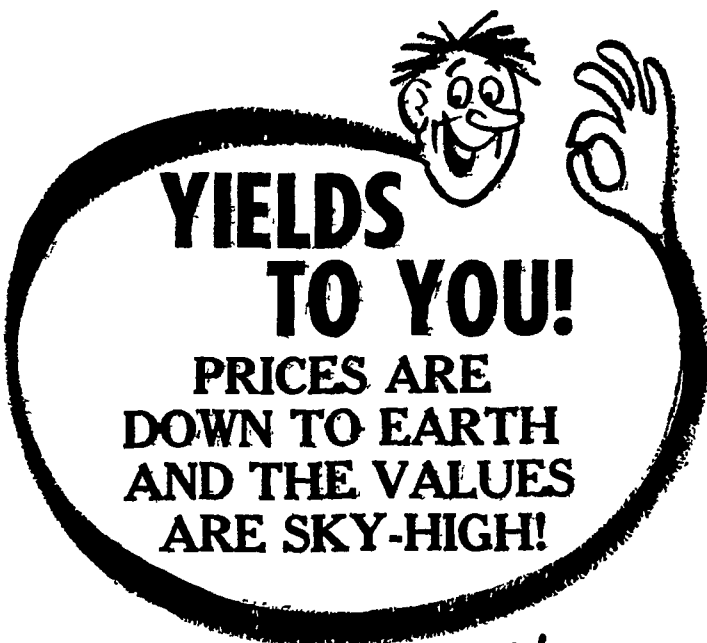
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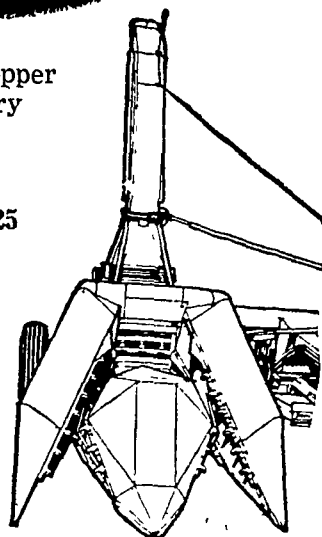
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