

Weed Scientists Study Crop-Herbicide Rotation

Crop rotation practices have been used for centuries. One of the reasons for using crop rotations is to control weeds. The widespread use of herbicides as well as other pesticides has affected the use of rotation sequences and has also affected the types of weeds found in many fields.

Drs. Clyde C. Dowler, E. W. Hauser and A. W. Johnson, USDA research personnel at the Georgia Coastal Plain Experimental Station, Tifton, Georgia, reported some results of a 4-year crop-herbicide rotation study at the 1973 Weed Science Society of America meetings in Atlanta, Georgia.

Corn, cotton, peanuts, and soybeans, grown continuously or in rotation, were treated with either cultural or herbicide weed control programs designed to control a broad spectrum of weeds. Herbicides controlled more weeds than cultural practices in all cropping sequences.

Weeds were almost entirely eliminated in five of the eight herbicide cropping sequences in each of the last 3 years of the

study. Several rotations drastically reduced the number of weeds but the ecological content of the initial major weed species (crabgrass, Florida pusley, Florida beggarweed, cocklebur, sicklepod) was not altered.

Under 4 years of cultural weed control practices, the cropping sequence and climatic factors influenced the amount of weeds at harvest time. For example, more weeds were present at

harvest time in corn grown continuously than in a cropping sequence of peanuts, cotton, soybean, then corn

Saddle Cinches Tour New Bolton Center

The Saddle Cinches 4-H Horse and Pony Club took a bus trip to the New Bolton Center School of Veterinary Medicine March 10th.

There were 14 Club members: Sue Cassel, Gavle Shultz, Sharon Nissely, Margaret Keeney, Robert Keeney, Liza Kauffman, Debbie Myers, Kim Bernhardt, Jerry Bernhardt, Patsy Steffy, Barb Steffy, Regina Kasara, Barb Helm, Penny Fulmer, one leader, Mrs. Tyrus Keeney, two parents, Mr. Nissely and Mr. Keeney and four guests, who went on the trip.

The tour of the Center lasted about one hour. Some of the highlights of the tour were witnessing of an emergency Caesarian cow operation, other operating rooms, the padded recovery room, the radiology room, the heart station, and all kinds of equipment used in the different rooms.

The horse stables were visited where the group saw a horse with his leg in a cast and feeding a horse intravenously. In the cow barn there was a donor cow used as a donor of poisonous bacteria found in the cow's third stomach.

The library was also toured.
Margaret Keeney
Club Reporter

FEEDER PIG SALE

SATURDAY, APRIL 7, 1973

2½ miles South of Bethel from US 22 and 6 miles North of Myerstown, Pa., along US 501.

450 to 475 — 40 to 60 lb. Choice Feeder Pigs Hampshire, Duroc and York Cross

All pigs are vaccinated for Erysipelas. Castrated young. Wormed, Sprayed for Mange and Lice.

All pigs were raised on this farm. No outside pigs will sell on this sale. Also pigs will not have to be moved the day of Sale.

These are some of the finer quality feeder pigs in the East

SALE AT 1:30 P.M.

NORMAN M. MARTIN
RD 1, MYERSTOWN, PA.

PUBLIC SALE

—OF—

Farm Equipment - Household Goods
Straw & 35 tons of Corn

TUESDAY, MAR. 20, '73

12:00 NOON

Located 2 miles north of Maytown, Penna., along Route 743.

FARMALL 340 TRACTOR and I. N. 2001 LOADER
FARMALL SUPER C with fast hitch, cult., tool bar, Corn Planter, 7 ft. mower, Wood Bros. Single row Corn Picker, McD. 2-point 3 B. trip plow, I.H. 46 Baler P.T.O., A.C. #60 Combine, with bin; McCurdy Grain Bin, N. I. wagon, Farm wagons with beds, N.I. 12A Spreader, Ontario Grain Drill, 14 disc; McD. 9A28 Disc, J.D. 28 Disc Spring Harrows, Cultipacker, J.D. Hammer Mill, N.I. side rake, 20 ft. grain elevator on rubber, Hershey tobacco planter, 8000 tobacco lath, tobacco ladder wagons, tobacco shears and spears, tobacco presses, log chains, 36' ext. ladder, stove, milk cans, platform scales, grain cradle, Sears freezer chest, Furniture, Carnival dish, dishes, Gas Heater, like new; Maytag Gas Range, and many other items too numerous to mention.

LESTER SHEPLER

H. (ABE) SHAFFNER 653-5689
C. H. WOLGEMUTH, AUCTIONEERS
DIFFENDERFER & P. MILLER, CLERKS
Food Stand

PUBLIC SALE

OF

Dairy Cows, Farm Equipment & Tools
Wednesday, March 21, 1973

9:30 A.M.

Located 2 miles east of Washington Boro. Route 999, turn South off Route 999 on Prospect Road. Watch for Sale Signs.

17 Holstein Cows, 35 Ton of Corn, Straw

6 can milk cooler, S.S. wash tubs, McD. milker, water heater, milk pump & pipe, 16 milk cans.

4 tractors: Farmall Super A with cult., Farmall M with L.P.T.O., A.C., W.D.

N.H. No. 616 Harvester PTO, single row, McD No. 61 combine with Cub motor, McD. silo blower with pipe, J.D. grain drill with 18 discs, Graham chisel plow, J.D. KBA 32 disc, J.D. 28 disc on rubber, Int. No. 401 10' spring harrow with hyd. reset, Century field sprayer, 5 ton Midwest dump for unloading wagons, McD. No. 45 baler with PTO N.H. side rake, 24' Smoker & Harvest Handle elevator, J.D. No. 72 Harvester, J.D. No. 5 & McD. mowers, Lilliston rotary mower, N. I. 12A spreader, 10' & 11' cultipackers, rubber tire wagons with beds, lime spreader, two wheel silage wagons with PTO, fast hitch cult., weeder, 2 Papec silo fillers, Holland 1 row tob. planter, tob. ladder wagons, gear reduction box, air grease gun, air compressor, 12 volt battery charger, cabinet with 80 drawers & swivel bottom, drill press, elec. drills, hyd. jacks, anvils, wrenches, tools, vise, torches, bolt cutters, slating tools, log & tractor chains, chain saw, grease bearing filler, feed carts, stove, bag wagon, tob. shears & spears, tob. presses, rotary mowers, ext. ladders, lumber, platform scales, many articles too numerous to mention.

Sale by C. OLIVER KIBLER

Harold (Abe) Shaffner 653-5689
C. H. Wolgemuth, Auctioneers
Diffenderfer & Waser, Clerks
Food Stand

Saturday, March 24, 1973

10:30 A.M.

Household Goods — Antiques

Kenmore automatic washer like new, elec. dryer, Coldspot refrigerator with freezer on top, deep freeze, G.E. sweeper, heaters, upright piano, marble top bureau, book case, rope bed, sofa bed, living room suite, plank chairs, clothes trees, breakfast set, ext. tables with drop leaf, 3-pc. bedroom suite, old side board, high chair, wall & shelf clocks, glassware, dishes, toys, window fans, metal cabinets, tinware, linens, picture frames, wooden rake, trunks, iron kettles, H. H. appliances, end tables, table lamps, crocks, jugs, spring wagon seat, brass dinner bell, many items too numerous to mention.

Sale by C. OLIVER KIBLER

Harold (Abe) Shaffner & C. H. Wolgemuth, Auctioneers

SHORT NOTICE

PUBLIC SALE

DAIRY HERD AND MILKING EQUIPMENT
FRIDAY, MARCH 23, 1973

at 12:30 P.M.

The undersigned due to labor problems will sell on the premises located approx. 2 miles south of Whiteford, Md. and approx. 2 miles off Route 136 along Prospect Rd. in Hartford County, Md.

33 HEAD DAIRY HERD 33 HEAD

27 head of Registered and Top Grade Dairy Cows in all stages of lactation. Approx. 15 head of Registered an entire herd are home raised and are of Pennsylvania and Maryland artificial breeding cooperative sires. This herd is young, many being first, second and third calf cows. There are 6 good-sized spread Holstein Heifers to be sold in the sale. Herd will be tested and have health charts for interstate shipment.

MILKING EQUIPMENT

Majonier 400 gallon bulk tank and compressor. Glass type line milking system and dumping station. Three surge milker units and straps. Pails, strainers, etc.

Terms cash or approved check.

June Miller,

R.D. 1, Delta, Pa., Owner

Robert L. Sechrist, Auctioneer 382-4379
John Hope Anderson, Clerk
Not Responsible For Accidents

Save time
and shoe leather...



GO CLASSIFIED

SEE US
FOR THESE
NEEDS...

Monarch
Ranges

Warm Morning
Heaters

Leacock
Lamps

Coleman
Equipment

Coleman
Sleeping Bags

Servel
Refrigerators

LEACOCK

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LEVI A. ESH
BOX 110, R.D.1, RONKS