

## PUBLIC AUCTION OF FARM EQUIPMENT

**THURSDAY, MARCH 15, 1973**  
AT 10:30 A.M.

Will be sold at Public Auction on the premises located along Linden Street in Richland, Pa., 2 miles South of Myerstown; along Route 501, turn East 2 Miles to Richland; 2 miles east of Myerstown on Route 422, turn South 2 miles to Richland.

To be given away FREE at close of Sale, a HANDY POWER WASHER. All adults who Register for a Sale Number by 10:30 A.M. are eligible to register to win Handy Power Washer. Winner must be present to win.

### NINETEEN TRACTORS Massey Ferguson 165 Diesel

Hi-Arch with Multi-Power, 430 hours; Massey Ferguson 180 Diesel with Multi-power and Remote Hydraulics; 460 Farmall Gas with Torque Amp. and Fast-hitch, with 2-Row Mounted International No. 2MH Cornpicker; Massey Ferguson 65 Diesel, Standard with Power Steering; Massey Ferguson 85 Gas Standard; Massey Ferguson 50 Gas Standard with Multi-power and Power Steering; Massey Harris 50 Standard with Power Steering and Front Mount Cultivator; Massey Harris 50 Standard; Ferguson T O 35 Gas with Live PTO; Massey Harris 44 Gas Tricycle with Power Steering, Live PTO and Remote Hydraulics; Case 830 Diesel with Hydraulics; John Deere 720 Diesel with 3-point Lift and Hydraulics; John Deere B with Cultivator; International 350 Gas Utility; Farmall H with Cultivator; FARMALL SUPER A with Cultivator; Oliver 550 with M.F. 200 Industrial Loader; Oliver 77 Gas with Hydraulics; Farmall BN.

### COMBINES

MASSEY FERGUSON 510 GAS COMBINE with Air-conditioned Cab, also quick attach 13-Ft. Grain Table with Pick-up Reel and M.F. No. 44 4-Row Cornhead; John Deere No. 45 Self-propelled with 10-Ft. Grain Table; International No. 101 Self-Propelled with 10-Ft. Grain Table; Massey Harris Pull-type 7-Ft. Combine.

**Daffin Portable Mill Grinder and Mixer**  
With GMC Diesel Engine, Mounted on a Chevrolet Truck. Extra Set of Belts, and Other Spare Parts

### Harvesters and Forage Wagons

GEHL CB 600 HARVESTER with 2-Row Cornhead and Knife Sharpener; New Holland Harvester No. 717 with 2-Row Cornhead; New Holland Harvester No. 880 with 2-Row Cornhead and Pick-up; Case Harvester with 1-Row Cornhead; 3 GEHL Forage Boxes with Running Gear; 16-Foot Rear Unloading Forage Box with 5-Ton Chassis.

### HAY EQUIPMENT

International No. 816 Mower Conditioner; John Deere Hay Conditioner; John Deere Hay Fluffer; John Deere No. 10 Side Mounted Mower; New Idea Side Rake on Rubber; M. F. No. 10 Baler with Bale Thrower; M. H. No. 3 Baler; N. H. No. 66 Baler; 3 Bale Bodies with Running Gear Complete; 1 International Running Gear; 1 Grove Running Gear; 24-Ft. Smoker Elevator; 16-Ft. Elevator; 2 Brady No. 606 Choppers; New Holland No. 36 Chopper; Massey No. 60 Chopper.

### Plows, Disc Harrows, Spring Harrows

M. F. No. 88 4-14 Semi-Mounted Plow; M. F. No. 74 2-14 3-Pt. Plow; 2 M.F. No. 74 3-14-In. 3-Point Plows; Oliver 4-16-In. Semi-Mounted Plow; International No. 530 3-14-In. 3-Pt. Plow; Oliver 2-14-In. Plow, 3-Pt.; John Deere 55A 3-14-In. Trailer Plow; John Deere 3-16-In. Trailer Plow with Hydraulic Lift; Disc Harrow on Transport; Pull-type Disc Harrow; John Deere 3-Section Harrow; 3-Section Spring Harrow; New M. F. 2-Row 3-Pt. Rotary Hoe; 3-Section Rotary Hoe.

### Corn Planters - Grain Drills

M.F. No. 468 4-Row Corn Planter; M.F. No. 39 2-Row Corn Planter; J.D. 4-Row Corn Planter; International 4-Row Corn Planter; Stauffer Transplanter; Ontario Grain and Fertilizer 16-7 Double Disc Drill on Rubber; Ontario 8-14 Shovel Grain Drill; Ontario Grain Drill 13 Disc on Steel.

### Spreaders and Loaders

Starline 145-Bu. Lefthand Tank Spreader; Hawkbill 145-Bu. Lefthand Tank Spreader; Hawkbill 185-Bu. Right-hand Tank Spreader; 2 New Holland 771 Web Spreaders; New Idea No. 215 Spreader; Case Loader with Hydraulic Dump; 2 Sauder Loaders; Badger Silo Unloader for 24-Ft. Silo; John Deere Silo Unloader for 18-Ft. Silo; Little Giant Corn Drag; Century 200-Gal. 8-Row Trailer Weed Sprayer; Used Chain Saws; Scraper Blades; Riding Mowers and many other items too numerous to mention.

Sale time 10:30 A.M. Terms by

**LEBANON VALLEY EQUIPMENT CO.**  
PHONE 866-2544

John E. and Paul E. Martin, Auctioneers  
717-733-3511 — 733-3305  
Zimmerman, Clerk.

LUNCH AVAILABLE

## Machine Harvesting Seen Possible for Pa. Tomatoes

Machine harvesting of tomatoes can be successful in the Keystone State as long as tomatoes are grown specifically for mechanized harvest, it was announced recently during the annual Vegetable Conference at The Pennsylvania State University.

Yields should be excellent and the costs of harvest by machine can be much less than the cost of harvest by hand, declared Dr. R.

William Hepler, associate professor of plant breeding at Penn State. He said it is estimated that 4,000 acres of tomatoes will be planted to machine harvest varieties in Pennsylvania this summer.

Harvesting costs of one machine tested by Dr. Hepler and associates came to \$11.96 per ton compared with hand-harvested costs of \$22.93 per ton. In experiments during 1970 and 1971,

machine harvesting costs averaged \$10 to \$14 per ton, compared with \$20 per ton for hand harvesting.

Using good management, yields of 20 tons per acre should be expected, Dr. Hepler reported. The 3-year studies were the first full-scale, farm-based Pennsylvania experiments to harvest tomatoes by machine. Cooperating on the studies were Robert F. Fletcher, Extension specialist in vegetable crops; Richard C. Funt, graduate assistant in agricultural economics; and Donald R. Daum, Extension agricultural engineer.

Several tomato varieties can be used for machine harvesting, the studies showed. Best suited for direct seeding and transplanted acreage were Merit, Potomac, and Chef. Chico III is recommended for direct seeding only. Red Rock and ARC gave best results for transplanting only.

Under a mechanized system, transplanting of seedling tomatoes should be carried out in May for August and early September harvesting, the Penn Staters found. Direct field seeding should be done in late April for harvesting by mid to late September. A 6 to 8 week harvest period is possible with the combination of transplanting, direct field seeding, and variety ripening, Dr. Hepler pointed out.

Where transplanted seedlings are used, 8500 to 9000 plants per acre should be adequate for economical machine harvesting, the experiments determined. In fields with less than 8000 transplants per acre, yields were reduced by up to 6 tons per acre. With direct seeded tomatoes, 12,000 clumps per acre should be adequate for economical machine harvesting.

The research was supported in part by the Pennsylvania Fair Fund administered by the Pennsylvania Department of Agriculture.

To gain experience with the system, Dr Hepler suggests that growers who plan to harvest by hand should use the techniques developed for mechanized harvest. This includes varieties, planting schedules, and use of beds in direct seeded plantings.

Where heavy soil may delay seedling emergence in direct seeded plantings, anti-crustants should be helpful, it was suggested.

## PUBLIC AUCTION 3 Tractors, Farm Machinery and Tools

Due to the death of her husband the undersigned will sell on the premises located on Snake Lane, this road runs between Md. Rt. 22 and Md. Rt. 136, from Churchville take Rt. 136 (1 mile south to Snake Lane) Harford County, Churchville, Maryland on

**SATURDAY, MARCH 17, 1973**  
At 11:00 A.M.

Farmall 706 Diesel w-1600 hr. 2 pt. Hitch, 2 spool valve, 540 and 1000 R.P.M. Live P.T.O., Power Brakes, Power steering, High and Low range w-wheel weights, Semi Mounted I.H.C. 4-16" S.T. Plow, Farmall M Gas Tractor w-power pack and hyd. lift belt pulley and 13.6-38 Rubber Farmall B Tractor w-hyd. lift and Cultivators, 1953 Studebaker 1/2 ton Pickup w-racks, 2 row cultivator for H with spring shanks, New Idea Model 323 P.T.O. single row corn picker, New Holland 275 P.T.O Baler w-super sweep and P.T.O thrower, Ontario 16 ft. grain and fertilizer drill (1 yr. old) J.D. Model 290—2 row corn planter, New Idea 13S 165 bu. Flail spreader, I.H.C. 36 disc, 10 ft. wheel harrow w-furrow fillers, 10 ft. Double Brillion Pulverizer, J.D. 12 ft. spring tooth harrow, N.H. Model 56 Rolla bar hay rake, Gehl Model FC 72A 6 ft. Flail crop chopper, I.H.C. Model 33 Hay conditioner, 8 ft. roller, 2 wagons w-16 ft. bed and bale thrower racks, 1 Grove wagon w-low and high sides, I.H.C. cage sheller, I.H.C. Model 64 modified combine w-grain tank, clover pickup head and 4 cylinder engine, 10 ft. spike tooth harrow, New Idea 32 ft. Elevator w-Hopper Ext.—Corn hood and electric motor, 8 ft Fertilizer and lime spreader, Ransome portable 1/2 yd. cement mixer w-gas engine, John Beam 100 gal. 27 ft. Boom sprayer w-Hydro 7700 pump and drop nozzles, concrete block making machine w-200 plates and all type blocks, large lot of oak shingles, processing kettles w-lid, hog feeder, hog transport box, 8 sec. of silage distributor pipe, heat house for H. Many other items.

William H. Amoss, Auctioneer

Complete Auction Service

(301) 877-7005 or 838-3000

Fallston, Md. 21047

Mrs. Ruth Louch, Owner

Churchville, Md.

## PUBLIC SALE OF FARM IMPLEMENTS & LUMBER AND DAIRY HERD OF 210 HEAD THURSDAY, MARCH 15, 1973

Will offer at Public Sale on the premises, along Sensenig Road, 1 1/2 mile northeast of Martindale, about 3 1/2 miles northeast of Route 322 from Hinkletown, Lancaster County, Pa. Watch for Sale Sign at Martindale.

### HOLSTEIN DAIRY HERD OF 210 HEAD

#### 80 Head Holstein Milk Cows

First, Second and Third Calf Heifers  
26 Fresh and Close Springers; Balance in all Stages.  
Some Milking 80 and 90 Pounds, Test 4 percent

#### 130 Head Holstein First Calf Heifers

Ages from 1 Month to Freshing Age, some due in Fall and Springing. Health Charts Day of Sale  
Herd Will Be Sold At 11:00 A.M.

If you are in need of Cows or Heifers, do not miss this sale. Will be sold in tent.

### 2 Stainless Steel Carrying Buckets and Strainer FARM IMPLEMENTS

200 FARMALL with Fast Hitch and Cultivator; B ALLIS CHALMERS with Cultivator; 3-Pt. Hook-up Cultivator; like new; 3-Pt. Hook-up Platform; 3-Pt. Hook-up Row Marker; International Grain Drill on Rubber; 13-Disc, like new, Large Disc Harrow; Steel Wagon, 16' Bed; Manure Spreader; Tobacco Planter; Riding Cultivator, Peg Harrow; Spring Harrow; Water Tank; Cement Mixer; Barb Wire; Fence Wire; 2 Gates, 14' and 16', like new; Heat Houser, Single and Double Trees; Harness; Grindstone with Motor, Vice, Etc.

### STEAM JENNY, GOOD CONDITION USED OAK AND FIR LUMBER

6x8 - 6' and 8'; 20-4x5 - 21'; 64-4x4 - 16'; 100-3x4 and 4x4 - 12'; 20-2x6 - 16'; 3-6x6 - 20'; 35-1-16 - 14'; Boards: 10 - 1 - 7 - 24'; 4x4 - 10' and 12'; Planks: 8', 10', 12', 16'; Doors; Window Sash; Etc.

Sale at 9:30 A.M. Sharp. Terms By

**ADAM and AARON LIED**

Frank and Paul Snyder, Auctioneers

859-2688 — 733-7052

Fry, Clerk

Not Responsible for Accidents

## In the Kitchen

### SAFFLOWER BAKING POWDER BISCUITS

1 3/4 cups sifted all-purpose flour

1 tsp. salt

3 tsps. baking powder

1/2 cup safflower oil

3/4 cup skim milk

Resift flour with salt and baking powder into mixing bowl. Add oil and milk; mix to moderately soft dough. Turn out on floured board. Pat or roll lightly about 1/2-inch thick. Cut with 2-inch biscuit cutter. Bake in a very hot (475° F.) oven 12 to 15 minutes or until crusty and brown. Makes about one dozen.

### Peacemaker

Christopher (Kit) Carson was an American frontiersman and scout who aided in the conquest of California during the Mexican War. Carson led the 1st New Mexico Volunteer Infantry that successfully restored peace among the Indian tribes in New Mexico and Texas.