

USDA finds soil erosion at "unacceptable" levels

WASHINGTON, D.C. — Soil is being washed away on the nation's cropland at an average rate of nine tons per acre per year — nearly twice the rate considered "acceptable" by soil conservationists, M. Rupert Cutler, assistant secretary for conservation, research and education of the U.S. Department of Agriculture said recently.

The soil loss rate was included by the Soil Con-

servation Service (SCS) in a new study of erosion and sedimentation, made as part of the agency's commitment to the 1975 National Water Assessment of the U.S. Water Resources Council.

The study examines soil erosion from water action in 18 water resource regions covering the continental United States. Average annual erosion ranges from a high of 23 tons of soil per acre in the Lower Mississippi region to a low of

1 ton per acre in the California region.

Other severe soil losses occur in these regions: Tennessee (19 tons/acre/year); South Atlantic Gulf (18 tons/acre/year); Middle Atlantic (14 tons/acre/year); Upper Mississippi (10 tons/acre/year); and Ohio (9 tons/acre/year).

In 1975, when data for the study were collected, total U.S. soil losses on cropland totaled 2.8 billion tons.

"Had there been no soil conservation treatment on the land," said Dr. Cutler, "soil losses that year would have reached an estimated 3.8 billion tons."

He added that conservation treatment needs to be applied to save an additional 1.3 billion tons of soil

per acre before acceptable levels of loss can be reached.

The SCS study also found that it is technically feasible for the United States to produce the food and fiber it will need to meet projected demand in the year 2000 and still achieve acceptable levels of erosion control.

"Soil losses could be reduced from the present average of nine tons per acre per year to only three tons per acre per year without adversely affecting our ability to produce more farm commodities," Dr. Cutler explained. Actual losses, of course, would vary widely from farm to farm and region to region, because of soil types, slope, and other factors.

He added, however, that achieving this goal would require extensive expansion of land treatment from current levels. Nearly 42 percent of the 335 million acres of cropland harvested in 1975 were not receiving adequate treatment for soil erosion control, Dr. Cutler said.

Horses surveyed for new disease

WASHINGTON, D.C. — Have U.S. Horses contracted contagious equine metritis (CEM)?

Veterinarians of the United States Department of Agriculture (USDA) are working with state and private veterinarians, horse owners, and trainers to find out.

CEM is a newly discovered venereal disease of horses which has been found in thoroughbreds in France, the United Kingdom, Ireland, and Australia. A ban was imposed last September to stop the importation of breeding horses from these infected countries.

A survey is being conducted to find all horses imported from these countries since the disease was found over there. That includes those horses from Ireland and France, since July 1, 1976, and from Australia and the United Kingdom since January 1, 1977. Import records show that approximately 470 horses were imported from the infected countries during the critical dates.

CEM is spread between horses almost exclusively during breeding or when contaminated equipment is

used during genital examination. The bacterial disease is not "vicious" in its attack on an individual animal; the lesions are superficial so infected animals may appear normal. The important feature of CEM is that it is highly contagious, which can have a devastating effect on reproductive efficiency in horses during their short breeding season.

Cows get boots, radio

WASHINGTON, D.C. — USDA's agricultural Research Service is providing cows with hand-made leather boots and FM radios. The boots contain a sophisticated measuring device that transmits the animal's weight — via radio — to enable researchers to measure forage intake, small weight changes, and other aspects of the animal's metabolism.

It's all part of a research project being conducted by ARS scientists Floyd Horn and Gary Miller at El Reno, Okla., called the Animal Weight Telemetry System.

AUCTION

POTATO GROWERS' EQUIPMENT AND IRRIGATION

SAT., FEB. 18, 1978

11:00 A.M.

Willard Smith Farm, Route 526, 7 miles east of Allentown, N.J. (From N.J. Turnpike exit 7A, go east on I-95 to Imlaystown exit and follow sale arrows.)

Lockwood Mark VI potato harvester; Lockwood 4-row potato planter w/liquid fert. attachment, Gardy and dry fert boxes

Trucks - Mack w/16ft. Haines bulk potato body, 2 Chev. 10 wheelers and GMC w/bulk potato bodies, all have transfer cases.

Oliver grain drill; MF 3-pt 4-row cult.; 3 3-bottom plows; 20-row sprayer (for parts); roto-beater; pipe trailer.

Boggs grader and picking table; Hallock potato washer, Haines 24 ft. and 35 ft. belt conveyors, 14 ft. chain conveyor; seed cutter and duster; 2 platform scales

Irrigation - 671 GM diesel w/1400 gpm Gould pump; Wade Rain alum pipe, 100 lengths 6" x 40 ft., 120 lengths 4" x 40 ft. w/sprinklers; valves and other fittings

NOTE: — NO SMALL SMALL ITEMS

TERMS: Cash

Lunch

By order of
RUTH SMITH

W. Earle Davis, Auctioneer
(609) 259-2204

Owners and auctioneer not responsible for loss or injury on sale premises

PUBLIC AUCTION

375-425 FEEDER PIGS

SATURDAY, FEBRUARY 18, 1978

At 1:00 P.M.

Location: Between Womelsdorf and Myerstown along route 422, at Stouchsburg, take Scharff Road south 1 mile to third farm on left. ½ mile north of Sheridan Furnace. Marion Township, Berks County, Penna.

30-60 POUND CHOICE FEEDER PIGS
HAMPSHIRE-YORK-DUROC CROSS

All pigs are vaccinated for Erysipelas, castrated young, wormed, tails crooked, sprayed for mange and lice. All pigs were raised on this farm. No outside pigs will be sold on this Auction. NOTE Auction time 1:00 P.M.

Terms by:

WALTER M. HORST

Newmanstown R.D. #1, Penna.
215-589-2282

Auction conducted by,

John E. and Paul E. Martin Auctioneers
717-733-3511 — 717-733-3305 Ephrata, Pa.

PUBLIC SALE

EXCELLENT FARM MACHINERY
TUESDAY, MARCH 7, 1978

at 10:00 A.M.

Located 6 miles South of Quarryville left off Rt. 222 at Robert Fulton Tea House to Tayloria Rd. East approx. 6 miles. Or between Pine Grove & Nottingham on Forge Rd. ½ mile South of Chester Water Co. or 4 miles West of Oxford along Forge Rd.

John Deere 4230 with Cab, air, 560 Hrs.; Case 1070 Agri-King with cab; John Deere 3020 wide front end; Case crawler 450 w/front end bucket, 500 Hrs.; 2 Glencoe chisel plows; 11 ft. A C plow 5 bottom semi-mounted spring trips; 10 ft. Oliver transport disc; 13 ft. Oliver disc; 13 ft. John Deere disc, 1 yr. old transport; 14 ft. cultipacker; 11 ft. Brillan cultipacker; 210 John Deere rollerharrow; M H 17 disc grain drill; 6 row A C corn planter 30" rows; Toxowick 350 bu. corn dryer; 479 N H hay bind; 269 N H hay baler with thrower; N H hay rake; 3 bale wagons, high sides; Electric, McCurdy & Case; 5 chuck wagons; 2 Gehl, AC, NH 110 JD; Little Giant bale elevator; Little Giant auger elevator 44 ft.; 3 row 30" corn head for New Idea corn harvester shelling head; one ton feed mixer; portable Bear Cat roller mill; cement mixer; Danuser post drive; 30 Badger calf stalls.

1972 JEEP HALF TON PICK UP

1963 FORD TRUCK 10 TON GRAIN BODY w/DUMP

1964 G M C 6 TON GRAIN BODY WITH DUMP

AUCTIONEERS NOTE — Any one interested in good farm machinery don't miss this sale.

SALE BY

CHARLES D. WILSON

Aucts., Lloyd H. Krieder and

Randal V. Kline

Not responsible for accidents day of sale

Refreshments available

PUBLIC SALE

OF ANTIQUES,
HOUSEHOLD GOODS & TOOLS
SAT., FEB. 25, 1978

At 10:00

Located at 434 Penn View Drive, Millersville, Pa. (corner of Penn View Drive & Valley Road)

Maytag auto. washer, GE auto. dryer, Kirby elec. upright vacuum, Singer port. sew. mach., Hamilton elec. clock, iron 250 lb. safe, blanket chest, empire slant top desk, marble top coffee table, marble top wall table. Walnut, mahg., oak, chrome, uph. & other furniture. Cuckoo, Session mantel & German dome clocks. Old Lanc. & other books, Silver luster, Japan & bone china cups & saucers. Dec. ironstone, German, Nippon spanish lace, Noritake, pressed, amber, pink, carnival, milk glass, & other glassware & china. Household articles. Misc. power, hand & garden tools, Lawn Boy rotary mowe. Other misc. articles. Food served.

Sale by

RAYMOND CHARLES

Auctioneer

Howard Shaub 464-3541

& Roy C. Probst 464-3190

PUBLIC SALE

SAT., MARCH 18, 1978

11:00 A.M.

Full Line of

FARM MACHINERY
DAIRY EQUIPMENT
HOUSEHOLD GOODS
ANTIQUES

APPROX. 20 TON EAR CRON
3 HOLSTEIN YEARLING HEIFERS

Located in Salisbury Township, Lancaster County, Pa. 18 miles east of Lancaster - ¾ mile intersection, along Rt. 340. East of White Horse - 2 miles west of Rt. 10 and Rt. 340.

FARM MACHINERY

International Cub Cadet with Mower; 520 John Deere Tractor; 4,000 Ford Selecto Speed Tractor; Farmall Super C with cultivator, all in nice running condition; 361 Oliver 16" 2 bottom plow; MC 28 disc Disc Harrow, drag type; John Deere 3 section spring tooth harrow; 9 ft. cultipacker; Sauder manuel loader with bucket; Sauder front end snow blade with automatic tip; 6 ft. scraper blade; 3 pt. Brady tank spreader; Case manuel spreader, P.T.O.: John Deere 2 row corn planter with fertilizer and insecticide attachment; Oliver No. 5 - 1 row corn picker, like new; N.H. Grain bin on gears; 30 ft. N.H. elevator; 467 N.H. hayline; 269 N.H. baler hayliner; John Deere 4 bar rake; Int. late model hay rake; 2 flatbed wagons; 7 ft. hay fluffer, ground driven; Ford 7 ft. sickle bar mower; 3 pt. N.H. Flail Chopper 6 ft. Brady flail chopper; mounted grass seeder, battery operated; 13" paper ensilage cutter; 13 disc Octario grain drill; P.T.O. 12,000 watt generator on cart; ½ horse air compressor; platform scales; XL12 Homelite chain saw; 2 hole corn sheller; 40 ft. aluminum extension ladder; 30" barn fan with thermostat; Jamesway barn cleaner; feed carts; forks; shovels; electric motors; lots of small items off wagon which will be sold first.

Pony cart and harness; cow clipper; pipe threaders; 2 DeLaval milker units with mag. pulsation; stainless steel strainers and pails; 2 electric water heaters, 40 and 50 gallon.

HOUSEHOLD GOODS & ANTIQUES

SOLD AT 12:30 P.M.

Dry sink; brass kerosene lamp, 3 to 4 generations old (a beauty); 3 old rocking chairs; wood chest box; old meat grinder on very unusual old table; china closet with claw feet; lard press on unusual stand; 4 ward robes, (3 cedar); 2 old wooden beds, roll top; copper kettle; set of 6 old chairs; bureau, cherry wood; 2 dressers, dove tailed drawers with mirrors; 1 complete bedroom suite; old 12 gauge double barrel shotgun; combine kitchen cabinet; hay knife.

A rare opportunity to buy antiques out of this home that have been well kept for generations.

Warm Morning coal stove, (very nice); Maytag wash machine; Electrolux sweeper; Electrolux floor scrubber; Coldspot refrigerator; 8 x 10 tent, used 2 years; 2 x 7 galvanized pool; electric sewing machine; dishes; bicycle; 2 iron hog troughs; etc.

Terms By

LEROY & AARY GLICK

717-768-3207

Auctioneer

Steve Petersheim

Clerks:

A. Petersheim

E. Beiler

Lunch by White Horse Ladies Auxillary