

Alfalfa management tips given

By DIETER KRIFK

LANCASTER — "Last year was a disastrous year for hay making in much of Pennsylvania," John Baylor told visitors to the Crops and Fields Day held here recently.

Considering that the state's hay crop is valued at

Sinking Land

According to reports by the United States Geological Survey, land subsidence, or sinking of the land surface, is taking place in many parts of the nation and could become more prevalent in the future. One report notes that at least 4,300 square miles of California's San Joaquin Valley has subsided more than a foot since the 1920's. Similar subsidence problems in varying degrees have also been observed in parts of Louisiana, Arizona and Nevada.

In the Swing

Being in the swing used to mean relaxing on your front porch. Home-made jam is what you get when you start that breakfast argument with your wife. That's the time your cereal will turn crisp, crackle and soggy. So, don't jump out of bed so fast in the mornings, you're likely to sprain your ankle.

\$200 million annually (a crops value figure only exceeded by corn), the Penn State agronomy specialist believes it's pretty important for farmers to manage their hay fields for optimum production.

"There are many breakthroughs coming," Baylor noted at the conclusion of his speech, "which will make hay making less of a risk and more profitable." One of the newer techniques which is already in use is chemical preservation of hay. If these chemicals — usually propionic or acetic acid — are used properly, Baylor believes the preservation technique stands a "fairly good chance of success."

The crops specialist was very encouraged and enthused with a forage analysis service the University expects to have available before too long. The program will reportedly give buyers and sellers of hay more to go on than just the "eyeball test." Also on the drawing board is the infrared crop analyzer which will warn agriculturalists of problems before it's too late. But since some of this is still in the future, Baylor advises that haymakers use the best management techniques which are available today.

One of the first things he

pointed out was what he considers to be the best way of avoiding hay crop losses — turn it into silage instead.

In explaining chemical preservatives, he noted that several important factors must be kept in mind if satisfactory results are to be obtained. They are: 1. uniform coverage of the hay, 2. moisture of hay being baled should not be much over 30 per cent, 3. use the preservative at a rate of about 20 pounds per ton, and 4. apply where it is the most practical (usually at the throat of the baler).

In stressing the importance of Pennsylvania's and the U.S.'s hay crop, Baylor noted that the average dairy cow receives 23 per cent of her nutrient requirements from hay, dry cows 29 per cent, and beef cattle 16 per cent. Last year the hay produced in the U.S. had a value of \$5 billion.

The Penn State agronomist cited the following steps for high yielding hay fields:

1. Fit the crop to the soil;
2. use high quality seeds and varieties;
3. use compatible mixtures (he announced that a grass-alfalfa mixture is definitely to the farmer's advantage under most conditions and recommends the practice);
4. get good stands — never place seeds deeper than a measurement equal to five times its diameter;
5. band seed;
6. eliminate competition from weeds;
7. lime and fertilize for yield persistence;
8. test your soil;
9. manage for

persistent stands. He particularly stressed the necessity of having a good fertility program and fertilization rates which are conducive to high yields for long periods of time.

"Potash is the key to good alfalfa stands," Baylor said. For Lancaster County he recommends approximately 240 pounds per acre — but this varies and to really find out the farmer should test his soil and evaluate his management program. Alfalfa stands should be managed for persistent stands and to enable them to get through stress periods, he noted.

The proper time to cut hay was outlined by Baylor. Experiments at Penn State indicate that the most dry matter is obtained if a cutting interval of 40 days is followed. But as everyone knows, that doesn't make for the best quality hay. The top protein level is reached at about 30 days when it's around 25 per cent. Ten days later it's down to around 19 per cent, Baylor's figures showed.

In figuring when to cut hay, Baylor advised that the farmer consider TDN, protein, and the animal's performance. According to Penn State's findings, the first cutting should occur around the time the plants have reached the full bud to early bloom stage. The second cutting should follow 35 days later, followed by the third cutting 37 days later and a fourth cutting after 40 days. Baylor cautioned that

late August and early September is a critical time for alfalfa management. As shown by the above

schedule, Penn State recommends that the cutting intervals increase as the season progresses.

PUBLIC SALE

VALUABLE FARM MACHINERY,
10 BEEF CATTLE, HOUSEHOLD GOODS, ETC.

On the farm located 6 miles South of Jersey Shore, Route 44, Oval, PA.

SATURDAY, MARCH 20, 1976

10:00 A.M.

With Household Goods to sell first.

M.F. 65 Row crop tractor with power steering - good; J.D. 420 tractor, 3 pt. hitch - good; M.F. 3-14" 3 pt. plows; J.D. 2-14" 3 pt. plows; IH PTO baler; N.H. 24 ft. elevator; 24 ft. Hay-O-Bater; IH 16-7 Disc Drill; 16 ft. Flatbed Electra 5025 wagon; Little Giant 120 bu. gravity flo metal grain bin; N.I. No. 19 PTO spreader; M.M. 1-row pull picker - good; J.D. 4-section harrow; 5 ft. double disk; Dearborn 3 pt. 2-row corn planter, J.D. 2-row cultivator; J.D. 7 ft. 3 pt. mower; N.H. side rake, Kawasaki 350 motorcycle; small items, etc.

8 BRED HEREFORDS, COWS AND HEIFERS DUE IN APRIL TO CHAROLAIS.

½ CHAROLAIS 800 LB. BULL.

700 LB. HOLSTEIN BULL.

Health charts.

Owner

DEAN & CATHERINE WAGNER

AUCTIONEER — Max Fraley & Son
717-546-6631

Lunch Available

PUBLIC SALE

DAIRY CATTLE, SHEEP, FARM EQUIPMENT
HOUSEHOLD FURNISHINGS

THURSDAY, MARCH 25, 1976

Situated in So. Londonderry Twp. Leb. Co., Pa. 1 mile south of Palmyra ½ mile No. of Campbelltown, and Route 322.

39 — Head Grade Holsteins — 39

Herd consists of 35 milk cows, 16 fresh or close springers. Balance in various stages of lactation. Fresh Guernsey cow, 4 bred heifers. This is a homebred herd with big, strong producers.

30 — Head Sheep — 30

28 Head Cheviot Ewes with lambs.

2 Suffolk rams.

Farm Machinery.

John Deere 116 wire tie baler, McCormick 2-14 trailer plow, McCormick 2 row horseplanter, Allis Chalmers 904 9 ft. mower-conditioner, Mountville walking cultivator, Syracuse walking plow, 2, 9-36 tractor tires, 30 ft. silo distributor pipe, ½ H.P. air compressor, Warner 500 electric brooder, grinder mandrel, 170 ft. ¾" rope, belt lacer, hand seeder, beam scale, steel seats, rope tackling, oil drums, seed bogs, disk blades, steel fence posts, locust rail posts, 2 hole hog feeder, barn door hinges, hay and grain forks, drill press, jacks, oil drums, auto tires, electric fence wire, tow cable, and chains, iron pipe, wagon poles, assorted lots of framing lumber, and boards, 2 cord fireplace wood, 50 window shutters, window sash, Butcher furnace, 2 iron kettles, tripod, reel hand and power mower, animal traps, and numerous other items.

Dairy Equipment

Surge Alamo 4 unit compressor like new. 3 Surge milker units, 2 S.S. strainers, S.S. wash tank, S. S. milk pails, can rack, plastic pails, 30 milk cans.

8 ton mixed hay, 5 ton alfalfa hay

Household Furnishings

Columbian coal kitchen range, 9 piece oak dining room suite, buffet, pine chest of drawers, vanity, wood box, oak rocker, folding table, porch rocker, wood stands, Norge electric refrigerator, B&W TV, magazine rack, foot stool, dool cradle, record player, 2 lawn chaises, ironing board, window fan, Westinghouse rotisserie, hanging lamps, floor lamps, 2-50 lb. milk cans, frames, single tree, 100 fruit jars, bone saws, Victor adding machine, 44 cal. muzzle load rifle, croquet set, girl's bicycle, kerosene lamp, Carnival glass, glass fruit bowls, depression glass, vases, compote, electric coffee pot, teapot, cake tins, bean pot, Cookie cutters, glass jugs, berry boxes, flower pots, utensils, flatware, linens, material remnants, and numerous other items.

Sale to commence at 11:00 A.M.

Conditions By

IRWIN H. EARLY Owner

Auct. Earl S. Buffenmeyer
Clerks, McNeal & Ebersole

SHORT NOTICE

LARGE REAL ESTATE SALE

436 ACRES

Consisting of 3 Farms with excellent, high producing cropland.

THURSDAY, MARCH 25, 1976

AT 1:00 P.M.

Located in southern York Co., in Fawn & Hopewell Twp. near New Park, Pa.

1:00 P.M. Tract No. 1 1:00 P.M.

Formerly known as the Clarence Sisker Farm, located off Rt. 851 near New Park, along Davis Road and containing 143 acres.

This farm consists of approx. 90 acres of cropland, 25 acres in pasture and about 25 acres of timber. Growing crops consists of approx. 50 acres of wheat and approx. 15 acres alfalfa.

Improvements are a 2 story 8 room frame house, lg. bank barn & wagon shed w-2 corn cribs.

2:00 P.M. Tract No. 2 2:00 P.M.

Formerly known as the Emory Lanus Farm, approx. ¼ mile north of New Park along Rt. 851, containing 180 acres more or less of which approx. 110 acres are cropland, 47 acres pasture & 20 acres timber. Growing crops consists of approx. 60 acres wheat, and 12 acres alfalfa.

Improvements are a nice 2 story frame house, lg. bank barn remodeled into a hog finishing parlor.

Tract No. 3

To be offered at location of Tract No. 2, formerly known as the Dunnick Farm, containing 113 acres, more or less of which approx. 50 acres are cropland, 30 acres in pasture & 30 acres timber. Growing crops consists of approx. 18 acres wheat & 6 acres alfalfa.

For inspection of real estate: Please Note! There will be a showing on Sat. March 13 & March 20 from 12:00 noon to 4:00 P.M. or by appt. by calling 301-296-0263 or 717-382-4379.

Terms: 10 down in cash or approved check day of sale with approx. one-third to be paid in 1976. Balance may be financed with a sales agreement at sellers approval. Further information upon request & full particulars on day of sale.

Auct. Note: Please notice the sale will begin at 1:00 at the location of Tract No. 1, then move to Tract No. 2 for the remainder of sale. All three farms will be offered separately and then in their entirety.

E.H.F. REALTY CO.

Lewis B. Whiting, Pres.
Ph. 301-296-0263

Robert L. Sechrist, Auctioneer
Ph. 717-382-4379

Clip & Save

COMPLETE DISPERSAL SALE

HOLSTEIN DAIRY HERD —
MODERN FARM MACHINERY

TUESDAY, MARCH 23, 1976.

Starting at 10:30 A.M.

Located in Perry Co., 5 miles northwest of New Bloomfield. Turn north off Rt. 274, 2 miles west of New Bloomfield on road to Mannsville, located ½ mile north of Mannsville. Turn east off Rt. 74 at Erly to Mannsville, Pa.

75 REGISTERED & GRADE HOLSTEINS

30 Day Tests for Bangs and T.B. — Eligible for Interstate D.H.I. Records — Pregnancy Examined.

52 young cows and heifers in milk, nearly all between 2 and 5 yrs. old. A good number fresh, many bred for July and Aug. base milk, others various.

3 bred heifers, 9 heifers under 1 year; 11 calves from 4 months down. Popular sires - many by Atlantic. Services are to Atlantic and a son of Ivanhoe Star.

A typey herd with especially good udders and production.

FARM MACHINERY & FORAGE EQUIPMENT

AC185 Tractor, equipped (1500 hrs.), chains for same; M.F. 4 bottom plow; Case transport disc; J.D. grain drill; A.C. 4 row No-Till corn planter; Hawk Bilt 207 manure spreader; Hesston mower conditioner, P.T.O., used 1 season; A.C. 780 Harvester with corn and pick-up head; Harvestore recutter with Chrysler industrial motor (made by Wetmore).

A.C. 56F flail chopper; 2 Kasten self-unloading wagons, 14 ft.; 2 Mcurdy bin wagons; New flat bed Grove wagon; Several barn fans; feed carts; circular saw, belt driven; Surge milker, large pail, Surcingles; Stewart clippers; refrigerator; some small items.

Lunch at Sale — Cow Sale Under Cover — Catalogs

MARLIN J. GEESAMAN,

Owner

R.D. 2, Newport, Pa. 17074
Phone (717) 582-4598

Sale Order - Machinery; then Cattle
Dean Shull, Auct.
Fred Naugle, Pedigrees