18—Lancaster Farming, Saturday, October 7, 1967

Changing Land Use Can Influence Water

Changing the land-use pat- of watershed management at amount of water from streams, S. Forest Service. International Union of Fores- states indicates that runoff is use took 23 years to re-estab- in March. Both reach the half- forest to non-forest use.

Munich, Germany.

Intersection U.S. Rt. 40 & Md. Rt. 32

Summer when it is needed of streamflow comes off north- way total annual water yield

E. Sopper, associate professor streamflow from forested lands. in 72 days.

25 miles E. of Frederick, Md.

try Research Organizations in the couther available in lish the forest. the southern .. urbanized areas Due to runoff from melting

at times of the year such as snows, a tremendous amount

MARYLAND BEEF CATTLE PRODUCERS, INC.

15th Annual FALL FEEDER CATTLE SALE (Feeder Calves & Yearlings)

1:00 p.m., Thursday, October 12, 1967

Baltimore Livestock Auction Market, Inc.

West Friendship, Maryland

1400 STEERS & HEIFERS

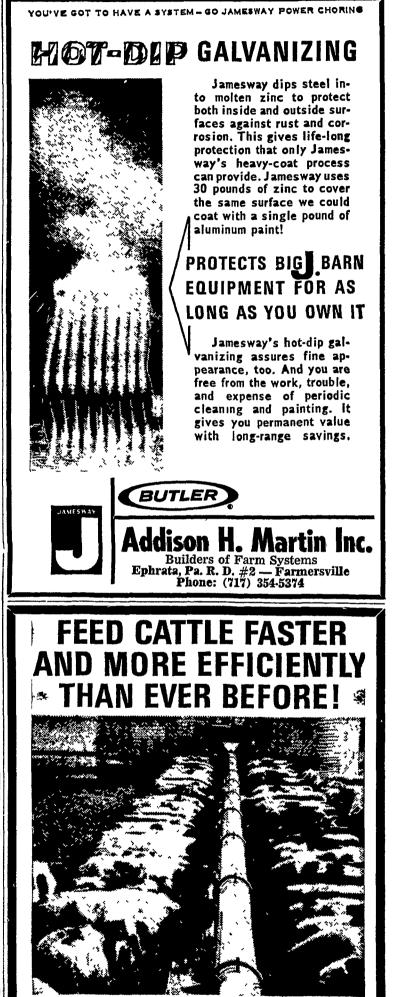
ANGUS HEREFORD SHORTHORN All steer calves grading "Fancy" will be sold individually.

All animals meet health requirements for interstate ship-

This occurs, Dr. Sopper indi- ern New England watersheds by mid-May. cated, because streamflow from in March, April, and May - Drs. Sopper and Lull are

To illustrate the effect of In contrast, streamflow from forest land to control annual tern between forests and open Penn State, describing his land use on streamflow, Dr. the more non-forested coastal Winter-Spring runoff and to land can influence the time findings in association with Dr. Sopper reported that reforesta- plains of New Jersey, Dela- create a more uniform streamneeded to produce a given Howard W. Lull, adjunct pro- tion of an experimental water ware and Maryland takes 128 flow. Their long-range studies fessor of forestry from the U. shed in the state of New York days to reach half the annual in the Stone Valley Experiamount of water from streams, S. Forest Service. a forestry scientist from Penn State University stated recent of streamflow from 134 water reach one-half annual stream whereas in northern New Eng- areas to simulate what haply at the 14th Congress of the sheds in the Northeastern flow. This manipulation of land land concentrated flow starts pens when land changes from

Speaking was Dr. William agricultural lands runs off reaching half the annual flow experimenting to find the best combination of forest and non-



State Price Level Declines

Dec' ning crop and meat animal prices more than offset increasing prices for dairy products, poultry and eggs, to drop the September Index of Prices Received by Farmers 2 points (1 percent), according to the Pennsylvania Crop Reporting Service. Declining hog sheep, lamb and vegetable prices were primarily responsible for the drop

The index of prices received for livestock and livestock products was up from the previous month despite the sharp decline for some meat animals. Hogs, at \$20 per cwt, were \$1 40 below the previous month, and \$3.40 under the year ago price. Lamb and sheep prices also dropped sharply, with declines from a month earlier of \$1.30 and 60 cents respectively Calves, at \$32.20 were off 60 cents, and slaughter cow prices dropped 40 cents per cwt. and heifer prices were with the to \$25.40, with militations for herd replacement, the only other gainer, up \$10 per head.

Grain and hay prices were mixed, with corn, wheat, oats and soybeans declining. Corn and wheat both dropped 3 cents to \$1.38 and \$1.27 respectively. Hay pruces increased slightly - a result of better quality hay, not a short supply. Potato prices dropped sharply to \$235 per cwt

The index of poultry and egg prices increased 4 points despite another drop in broiler prices, which were down 2 cents from the previous month. Advancing prices for farm chickens, turkeys and eggs overcame the decline for broilers Eggs, at 35 cents per dozen, were 2 cents above the previous months, but 11 cents below September last year

The prices received index for all farm products, a measure of the change in prices received by farmers, was 249 percent of its 1910-14=100 percent base This compares with 251 the previous month and 262 last year

ment. For additional information contact: Amos R. Meyer, Dept. of Markets, University of Maryland, College Park, Maryland 20740. Auctioneers: Col. Stan Haworth -- Col. Charles Bachman NEW **Dairy Supply Store CHRISTIANA MILK**

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In dealing with our natural resources we have come to a place at last where every consideration of patriotism, every consideration of love of country, of gratitude for things that the land and the institutions of this nation have given us, call upon us for a return . Conservation 1s a moral issue because it involves the rights and duties of our people. . . . A nation deprived of liberty may win it, a nation divided may reunite, but a nation whose natural resources are destroyed must inevitably pay the penalty of poverty, degradation, and decay. . So the noblest task that confronts us all today is to leave this country unspotted in honor, and unexhausted in resources to our descendants. I conceive this task to partake of the highest spirit of patriotism. ... Gifford Pinchot.

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