

National DHIA Cows Continue To Increase

The percentage of U. S. dairy cows enrolled in the National Cooperative Dairy Herd Improvement Program (DHIA) continues to rise — from 9.3 percent 10 years ago to 19.1 percent in 1966 — a summary just released by the U. S. Department of Agriculture indicates.

The three major DHIA recordkeeping plans are the detailed and precise Standard Plan, covering 2 million cows; the less-rigidly controlled Owner-Sampler Plan, covering about 800,000 cows; and the Weigh-a-Day-a-Month Plan designed to introduce dairymen to organized record keeping — covering 50,000 cows.

Dr Ernest L. Corley, who supervises DHIA for the Agricultural Research Service, notes that the biggest recordkeeping change in recent years has come about through centrally located, automated data processing. Standard Plan records are completely processed by computer in 32 States. Nationwide, central processing covers more than 92 percent of participating herds.

This trend toward centralization is reflected by the fact that almost 1,000 fewer local DHIA producer associations handle the business of the program today than 10 years ago. Participating herds dropped by 2,000 in the last decade, reflecting a general decrease in herd numbers—but at the same time

Cancer Research Examines Plants

ARS botanists are intensively searching the world for plants containing substances that may inhibit cancer.

From their search supported by funds from the National Cancer Institute, may come new weapons in the fight against the disease and new crops for American agriculture.

During the past 5 years, the botanists have collected over 10,000 plant samples, representing about 6,000 of the world's 250,000 species of seed plants.

After long and thorough testing and retesting extracts from over 400 species, representing 116 plant families, have inhibited tumor activity on laboratory animals.

Further research undoubtedly will eliminate many of the remaining species. Some will prove too toxic for safe use, others are certain to be eliminated because of undesirable side effects.

Scientists are encouraged, however, by the fact that plants that have shown anti-tumor activity to date cover a broad spectrum of the world's plant population. Eventually, they say, substances extracted from some of these plants may be tested on humans.

While chemists will attempt to synthesize promising plant constituents identified by the screening program, plants themselves may have to be relied upon for supplies of compounds too complex for synthesis. Thus, large volumes of plant material may be needed, a development that could lead to new crops to be grown by U. S. farmers.

herd size increased from 34 to 53 cows, Standard Plan records show.

Corley says that while milk produced in DHIA herds increased in the past decade from 9,500 to nearly 12,000 pounds per cow, the butterfat in this milk declined steadily. The yearly drop averages 0.013 of a percentage point. Butterfat now averages 3.8 percent.

Participating herds currently outdo non-DHIA herds by 65 percent in milk yield per cow, reflecting the value of record keeping and the closer control over business input and output this makes possible.

Sen. McGovern

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Govern sponsored resolution declaring parity prices for farmers an objective of all federal agencies.

The Northeastern Dairy Cooperative Federation, Inc., also threw its weight to the resolution. The co-op called upon Governor Nelson Rockefeller to lend his support to the legislation's passage because dairy is New York's major agricultural commodity, the Co-op said, and is presently at only 82 percent of parity. It was also pointed out that 19 million New Yorkers depend on farmers in the Order 2 milkshed for their daily milk supply. "Failure to permit the price of milk paid farmers to rise to parity in the inflationary peri-

od of the nation is experiencing will force additional dairymen out of business and peril New York State's fresh milk supply," the Co-op said.

McGovern's resolution stated "that the provision of the Agricultural Adjustment Act of 1948 shall be construed as Congress intended, as applicable to all agencies of government, as well as the secretary of agriculture, and that no action be taken by any agency of government for the purpose of preventing the price of an agricultural commodity selling below parity, or from rising to parity."

Far too many people expect to sow wild oats, and harvest roses.

Weather Forecast

More cool weather is in store with temperatures averaging below the normal range of 72 to 48 degrees. The cool weekend temperatures will give way to milder weather Monday and Tuesday, but will be back with us by mid-week.

More rain, late Monday or Tuesday, is promised with a total accumulation of less than 1/2-inch.

FOR THE WEIGHTWATCHER — Nibble on celery, raw cauliflower, carrot sticks, and other raw vegetables instead of richer tidbits. Dip the raw vegetables in salt seasoned with herbs. Calories are few in vegetable snacks.

Hornco Feeds - - - The Growing Choice Of Business Farmers

17,732 lbs. MILK

674 lbs. FAT

This is the 1965 D.H.I.A. herd AVERAGE of Sinking Springs Farms, York County, Penna.

This 62 cow herd has been fed Hornco Uni-Pel Flaked Dairy Feed for 2 years.

HERE ARE THE RECORDS

YEAR	1963	1964	1965	Increase Since Feeding Hornco
LBS. MILK	16,872	17,163	17,732	+860
LBS. FAT	642	632	674	+32
AVG. NO. COWS	59.6	59.3	61.9	—

Congratulations to Sinking Springs Farms and to Mr. Herman Stebbins (Farm Mgr.) for their outstanding achievements.



RESULTS LIKE THESE - The reason more dairymen are feeding Hornco Uni-Pel Dairy Feeds than ever before.

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