

● Milk Study

(Continued from Page 13)
 reductions in serve costs approximating ¼-cent per quart could have been realized. An additional ½-cent could have been sliced from this cost using every-other-day delivery. The study concludes that "reductions of approximately 4 cents per unit in area 12 and more than 6 cents per unit in area 5 could be achieved among the smallest outlets with every-other-day delivery."

Some implications of this study are:

1 — A schedule of prices that permits suppliers to legally vary the price to stores according to the quantity purchased per delivery offers one means to encourage resale outlets to accept less frequent service.

2 — To be most effective in reducing delivery costs, the minimum quantity to qualify for a price concession should be established so that most outlets would have the opportunity to choose between "service" and "price." In some areas this minimum quantity would be considerably lower than the 100 quarts per delivery stipulated in the Pennsylvania Milk Control Commission's quantity discount pricing plan.

Some limitations in the advantages of such cost-reduction practices are: 1) higher spoilage costs resulting from a larger quantity less frequent delivery; 2) taking up shelf and storage space of an outlet; 3) reducing number of brands offered may reduce total volume sold.

This study found that the majority of grocery outlets already purchase fluid milk from fewer than three suppliers. This suggests the outlets have found that offering brands of more than two suppliers does not add significantly to either total milk sales or to total store sales. But the results of the study support the contention that further savings in milk distribution costs are possible, the authors conclude.

Open House To Be Held On Area Broiler Farm

The D. E. Hoin Company, Inc., has announced plans for a special "open house" for a new, controlled environment broiler plant on the farm of Carroll Rohibaugh at Glen Rock R2, York County.

The affair will be held on Friday, November 12, from 10 a. m. to 3 p. m. On display will be a two-story, 30,000-bird-capacity, completely controlled environment house with equipment and construction features which the company feels will be of special interest.

Refreshments will be served and door prizes awarded.

Leaf Drop And Plant Aging Chemical Found

A natural chemical in plants that makes them "grow old" faster has been isolated and structurally identified — thereby opening the door to many practical applications in agriculture — the U. S. Department of Agriculture reports.

This hormone-like chemical promotes the dropping of leaves, flowers, and fruits in a process called abscission. Because of this role, the chemical has been named "abscisic acid" by USDA scientists.

Three major groups of plant hormones are now recognized: Auxins, gibberellins, and kinins. Abscisin II may be one of a fourth group of hormones that promote or accelerate abscission. The three known groups of plant hormones are synthesized and widely used in agriculture. For example, auxins kill weeds and promote rooting of cuttings, gibberellins accelerate growth and flowering of trees and shrubs, and kinins keep vegetables fresh on the way to market.

Synthetic abscisins might be used to defoliate plants at all stages of growth and in any weather, thin fruit at blossom stage, and eliminate

after-harvest growth of such perennial crops as cotton. They also might be used to block flowering in some plants, and make buds stay dormant to escape winter damage.

Dr. Fredrick T. Addicott, California Agricultural Experiment Station plant physiologist, and Dr. Orrin E. Smith, ARS plant pathologist, led the abscisin II research. They were assisted by Dr. Kazuhiko Ohkuma and Dr. William E. Thiessen, organic chemists of the California Station.

The scientists isolated and crystallized one 3,160th of an ounce of abscisin II from about 500 pounds of cotton bolls, 4 to 7 days old. They determined the structure of

the compound by elemental analysis, and by comparing it with known chemical compounds through mass and magnetic-resonance comparisons. They are now attempting to synthesize it.

LOOK BEFORE BUYING

Take a good look at the package before you put it in your shopping cart and you can do a better job of food shopping, says Harold Neigh, Penn State extension consumer economics specialist. Be sure you can use the economy size package without letting the savings evaporate in the big box. Know whether you are willing to pay extra for specially designed packages.

Attention! Attention! Attention!

NEW HOLLAND AND COLONIAL BALER TWINE

Get our low pre-season prices now!

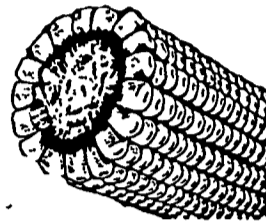
A. B. C. GROFF, INC.

New Holland, Pa.

Ph: 354-8001

More farmers each month prefer to buy their

- HAY ● STRAW
- EAR CORN



from us for better value and all around satisfaction. At farm or delivered, any quantity as your requirements may be.

Area Code 717 687-7631

Esbenshade Turkey Farm

SINCE 1890
 PARADISE, PA.

SPECIAL BUY!

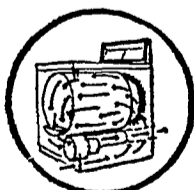
Westinghouse HEAVY DUTY ELECTRIC CLOTHES DRYER

ONLY

\$164.99

With Trade

EASY, BUDGET TERMS

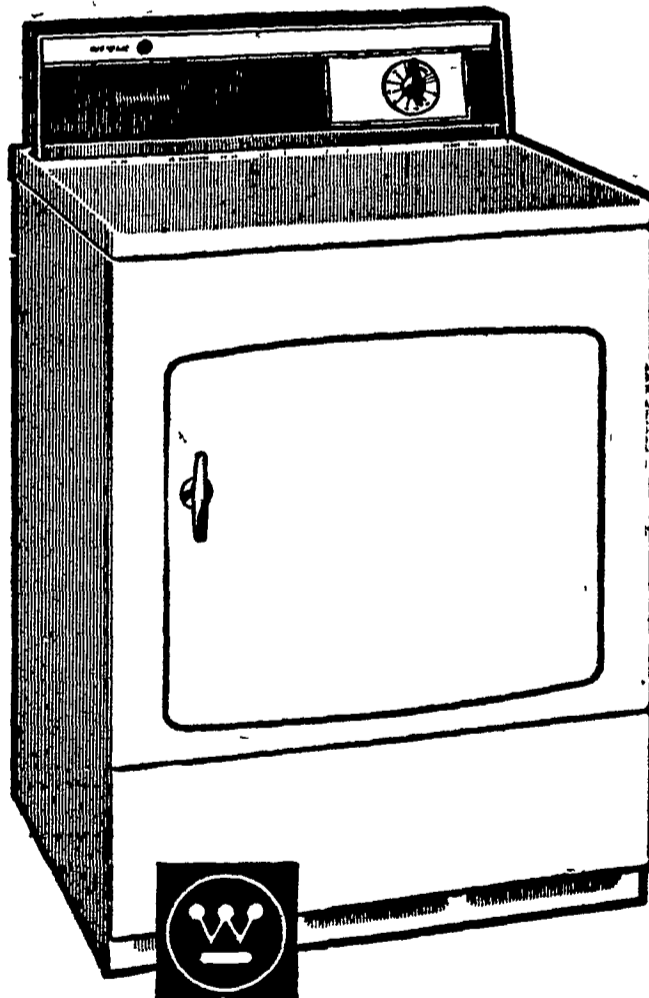


BALANCED AIR FLOW DRYING



LARGE CAPACITY BUILT-IN LINT COLLECTOR

- 2 Temperature Selections
- Automatic Time Control
- Single Heat Control
- Automatic Shut-Off
- Special "Air Fluff" Setting
- Porcelain Enamel Drum
- Door Safety Switch
- Friction-Type Door Latch



Matching Washer \$209.99

COPE & WEAVER CO.

New Providence

Ph. 786-7351

low cost

is the word for Flameless Electric Home Heating