

Cow Has Unique Human Relation

COLUMBUS, OH — "The dairy cow, in her relation to the human race, is unique and fundamental. The unique character of this relationship reaches back to the earliest recorded history. It is shown in the form of tablet and mural depiction which present the impressive realization that ancient people had of the importance of the cow in their daily lives. The fundamental character of this relationship, and the reason - products of the cow are essential - remained unknown until the twentieth century."

These words were written by M.D. Munn, president of NATIONAL DAIRY COUNCIL from 1919 to 1936, in a foreword to the story of the organization. As the industry celebrates June Dairy Month for the 54th year, the story of scientific discoveries concerning the importance of milk and its products in the human diet is an

exciting highlight.

The discovery of vitamin A in butterfat by E.V. McCollum, Ph.D., Sc.D., at the University of Wisconsin in 1913, has been called the beginning of modern nutritional science. Vitamin A is essential in human nutrition for formation and maintenance of skin and mucous membranes. It is also necessary for normal vision in dim light. Based on his studies, McCollum was instrumental in preventing the rationing of milk during World War I.

Studies by Robert Recker, M.D. and Robert Heaney, M.D. at Creighton University in Nebraska, have documented the importance of calcium in maintaining bone health. Other studies by David A. McCarron, M.D. Oregon Health Sciences University, on the effects of calcium have associated the intake of calcium with reduction of high blood pressure. While the

importance of calcium in the development of teeth and bones has long been recognized, the work of McCarron, Heaney and Recker points out the importance of continued calcium intake throughout life.

Charles F. Schachtele, Ph.D., and other microbiologists at the University of Minnesota learned that aged Cheddar, Swiss and Monterey Jack cheeses may act as "dietary toothbrushes" in fighting tooth decay. They continue to study dental caries in the hope that the apparent anti-cariogenic (anti-cavity) substance in these cheeses can be isolated and added to other foods.

Documenting the properties and value of food has been a challenge for scientists throughout the century. As a result, milk and other dairy products continue to be recognized as unique and fundamental to the human diet.

Egg Refrigeration Law

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Brandt couldn't be reached for comment by early Friday morning on how much the law would cost producers and others who currently handle eggs without the benefit of cold storage. Also, other issues such as targeted startup of the law and enforcement are not known.

In a statement from his Harrisburg office, Brandt said the bill would set up general standards for storing eggs both prior to shipping from the farm and during subsequent handling and selling.

The proposed law would require that eggs must:

- Be stored at 55 degrees Fahrenheit within 18 hours of being laid.
- Be kept at an ambient temperature of 45 degrees Fahrenheit until reaching a distributor.
- Be stored at an internal temperature of 45 degrees Fahrenheit until used or purchased by the ultimate consumer.

It also provides for a method to trace all egg cartons back to their point of origin in case of any problems, according to the statement.

"Eggs are a natural, wholesome and convenient way for consumers to include protein in their diet, Brandt said. "With this legislation, we will insure that Pennsylvania egg buyers are getting the best product possible."

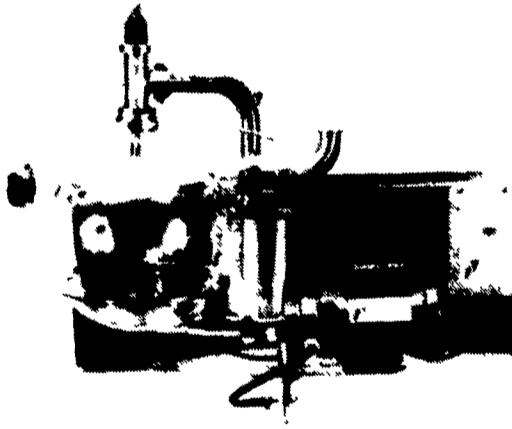
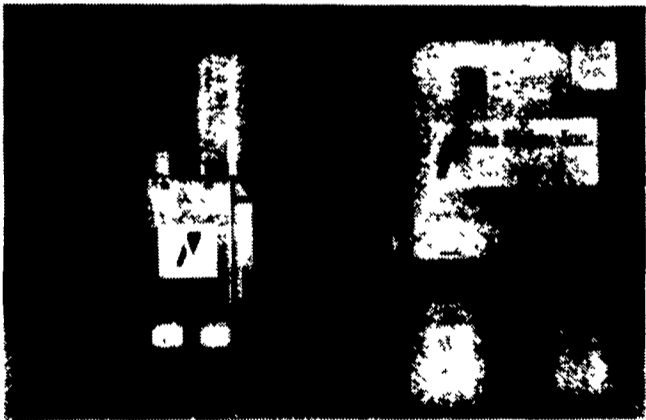
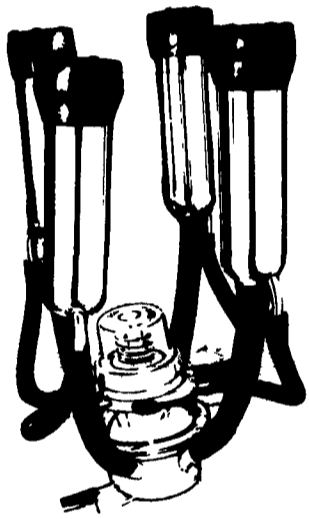
According to Brandt, the need for such legislation is evident and cited a New York case where it was alleged that the improper storage of eggs permitted the growth of the salmonella enteritidis bacteria. It was reported that this case was not the result of a contaminated flock, but that the problem was in the storage and handling of the eggs.

Al Wenger, who serves the region as an officer of the Northeast United Egg Producers and nationally on the United Egg Producers' food safety and animal health committees, said that Brandt's proposal is the first major egg legislation in the state in more than 20 years, according to Brandt's statement.

According to the statement, Wenger said "Like any other animal product, eggs do need to be refrigerated and handled properly. Rep. Brandt's measure will help educate residents and others on the proper methods, in addition to protecting the industry, the product and the consuming public."

Brandt said that because "Agriculture is this state's number one industry, and our egg production constitutes an important part of that effort, we must do everything possible to protect the egg market within and outside of the commonwealth."

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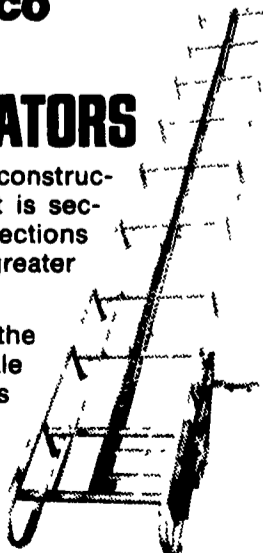
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