

CRD, Poultry Disease, Found To Be Caused by Phase of Bacteria

Studies of chronic respiratory disease, a common and elusive disease of chickens, indicate that the disease is not caused by pleu-

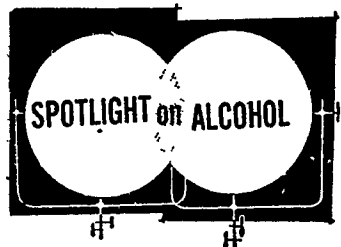
ropneumonia-like organisms as generally believed. All cultures of so-called PPLO, studied at the Pennsylvania Agricultural Experiment Station, are apparently a phase in the life cycle of certain bacteria.

Experiments are being conducted at the Pennsylvania State University Station to identify these bacteria and to determine their significance in chronic respiratory disease.

Laboratory tests have been made on over 20 strains of PPLO isolated by experiment stations along the eastern coast and from one western state. When tested at Penn State, all strains reverted to bacteria by the third transfer when inoculated into a broth medium. This indicated that the cultures were L forms of bacteria.

This work was reported recently at the annual meeting of the Northeastern Conference of Laboratory Workers in Pullorum Disease Control, held at Penn State. These findings were reported by W. H. Kelton, instructor, and Dr. Robert F. Gentry, associate professor of veterinary science. Delegates agreed the work may "upset bacteriological concepts of chronic respiratory disease."

The disease is of great economic importance to the poultry industry. These findings may contribute to an understanding of the actual cause of CRD.



"Alcohol is a problem that has every thoughtful American worried. I know that I shall never be able to speak with authority on that whole question unless I myself have absolutely refused to compromise. That's the reason I won't touch it. I suppose it really boils down to the question: How much do we really care about other people and the future of our country?"

(Dr. Peter Marshall in "Mr. Jones, Meet The Master")

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Adv.

Peach Marketing Highlighted Conference

HARRISBURG — Marketing of this year's Pennsylvania 2 million bushel peach crop highlighted Northeastern United States Peach Marketing Conference at Philadelphia, July 11, according to John L. Rainey, director of the Bureau of Markets, State Department of Agriculture.

Representatives of the Pennsylvania peach industry exchanged ideas with growers, distributors and retailers from the northeast to develop better and more efficient methods of marketing fresh peaches, Rainey said.

Marketing specialists selected for a panel presentation included John Capus of the crop reporting information staff of the U.S. Department of Agriculture who will report on the crop outlook for Pennsylvania and the nation.

Mrs. Eleanor Tompkins, Philadelphia County Home Economist, presented consumer opinion on fresh peaches as they are now offered in various types of containers and gave reactions to present marketing methods.

Other panelists included Earle Roberts, Philadelphia wholesaler, H. Dent Williamson, Philadelphia, representing retailers, Dr. Arthur Farley of Rutgers University, representing agricultural extension, and John Linde, Orefield, Berks County, representing producers.

Emphasized at the meeting, Rainey said, was participation by Keystone State growers in the Pennsylvania Peach Time promotion scheduled for August 15-24 when the bulk of fresh home-grown peaches will reach local markets.

Plastic Covers Increase Use Of Horizontal, Trench Silos

Plastic covers may be the means of making low-cost, time and labor-saving horizontal silos more popular than ever among the Nation's dairy farmers, the U.S. Department of Agriculture said today.

Studies have shown that covers of either black polyethylene, vinyl, or neoprene-coated nylon can provide an airtight seal over the silage and thus greatly reduce surface spoilage of the contents, according to scientists of USDA's Agricultural Research Service.

Greater spoilage because of a relatively large surface area has been the major disadvantage of horizontal bunker, trench, and stack type silos as compared with the conventional upright types. Even this disadvantage has not prevented their construction and use by many farmers because of lower initial cost, ease of filling by mechanical means and ready accessibility of the silage either for self- or mechanical feeding.

Reduction of surface spoilage and other storage losses in such silos by means of airtight plastic covers, however, adds materially to their desirability. Use of plastic covers in USDA experiments has reduced surface spoilage and total storage losses in horizontal silos to the equivalent of surface spoilage in upright silos.

Deciding what cover is best suit-

ed for a particular silo depends upon the individual's use and the comparative annual cost. For example, neoprene-supported nylon (10 ounce weight) is more durable than unsupported vinyl plastic and polyethylene films.

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USDA Issues New Booklet On Wood Uses

What kind of wood to use in homebuilding or workshop projects is discussed in the booklet "Wood Colors and Kinds" recently released by the U.S. Department of Agriculture. The booklet also is expected to be of assistance to persons buying, selling, or manufacturing wood products, since it identifies various woods and their properties.

The 36-page booklet, which describes common uses of the 32 native woods most commonly found in retail lumber markets, was prepared by the Forest Products Laboratory of the USDA's Forest Service. It discusses the weight, strength, texture, flexibility, susceptibility to decay, shrinkage, and warp of each species. There are 16 pages of color illustrations.

A copy of "Wood Colors and Kinds", Agricultural Handbook No. 101, may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C. Price 50 cents.

Farm Calendar

July 22

Poultry and Livestock meeting — 8 p. m. at Highville Fire House. Sponsored by Jacob B. Bleacher and Oran M. Dillabaugh.

July 25

4 H Field Day — 1 p. m. at Long Park, Lancaster. Afternoon and evening program.

July 27

Swine Producers Field Day — 10 a. m. at Stauffer Homestead Farm, R1 East Earl.

July 30

Potato Growers Tour — all day in York County. Sponsored by York County Potato Growers.

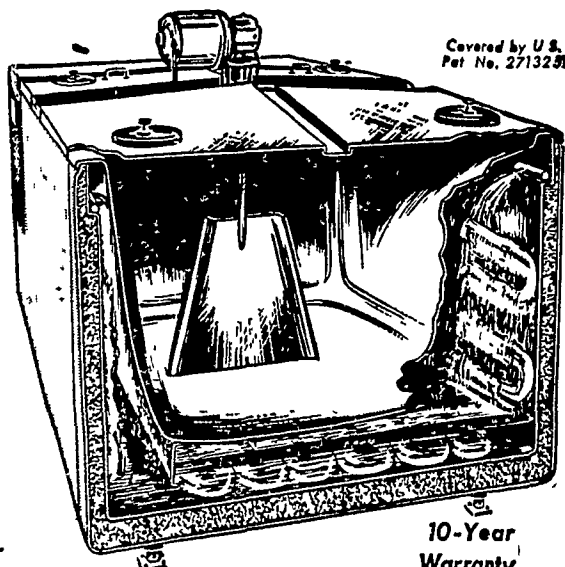
Aug. 1

SPABC Cattle Show — all day at SPABC grounds, Lancaster. International Harvester Field Day — 10 a. m. at John Cope farm.

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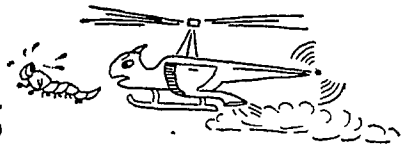
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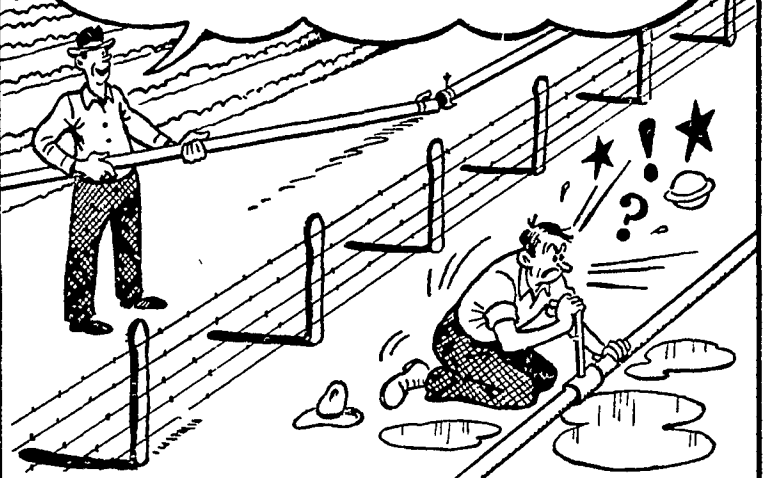
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