



POTATO PACKAGES of film made of polyethylene offer greater moisture-weight retention than paper bag counterparts, according to recent tests evaluated by the

United States Department of Agriculture. In 1956, a weight savings of some 425 million pounds was possible had the polyethylene film packages been used

Polyethylene-Packaged Potatoes Offer Savings, Increased Sales

Polyethylene packaged potatoes offer greater economy through moisture-weight retention than paper packed counterparts, according to recent tests evaluated by the United States Department of Agriculture.

In terms of the amount of potatoes sold each year the new packaging film makes huge savings possible. In 1956 for example Americans purchased almost 17 billion pounds of potatoes at an average retail price of 57 cents per pound. A saving of 64 ounces per pound, or some 425 million pounds in all could have been possible had polyethylene film packages been utilized in packaging the national potato crop.

and those in paper mesh window bags were shipped side by side from California to New York. After eight or nine days in transit, polyethylene packaged potatoes lost four ounces less weight per ten-pound bag than those shipped in paper bags.

Other test findings show that after two weeks of storage at 70 deg. F. potatoes packed in seamless, perforated film bags made of polyethylene were of good quality and firm texture. Paper packed potatoes however were shriveled, spongy and discolored. Moreover weight loss was approximately twice that of potatoes packaged in polyethylene film.

INITIATED BY Bakelite Co. Division of Union Carbide Corp. in co-operation with Kern County (Calif.) Potato Growers Assn. extensive field and laboratory tests revealed that white potatoes packaged in polyethylene film can be shipped throughout the country with less weight loss than those packed in paper bags.

Using polyethylene growers can ship more packaged units with each harvest, not needing to adjust for the excessive loss of weight.

PLASTIC PACKAGED potatoes

U.S. Livestock Exports Decline

During the first quarter of 1958 U.S. exports of all types of livestock dropped sharply, according to the Foreign Agricultural Service.

The current report on the subject says reduced meat production in this country pushed livestock prices up, thus making U.S. animals less attractive to foreign buyers.

Conservation Slide Rule Helps Reduce Soil Loss from Erosion

Research data on soil conservation, gathered by U.S. Department of Agriculture scientists over the past 30 years, is now readily available for practical use by technicians in the form

of a simple "conservation slide rule" which makes possible fast and reliable soil-loss estimates right in the field.

This slide rule, developed from

information compiled by scientists of USDA Agricultural Research Service, is in use by soil-conservation technicians in the nine Corn Belt States to help farmers protect their land. It was designed by Dr. J. J. Peters of the Soil Conservation Service, using information previously available to soil conservation technicians only in tabular and chart form.

ALTHOUGH THE PRESENT slide rule is adapted only to Kentucky, Minnesota, Iowa, Missouri, Wisconsin, Illinois, Indiana, Ohio and Michigan, research information is being developed to make similar prediction methods available to soil conservation technicians in other parts of the United States.

Since 1929, soil and water conservation stations throughout the country have been studying the most important factors governing the amount of soil and water lost from farmland during rainstorms. All these factors except rainfall itself are influenced to some extent by the method of cropping and conservation practices used.

The rate of erosion caused by storms depends on the force with which raindrops stir up soil and the amount and speed of the runoff water. Erosion is also affected by the kind of soil, kind and amount of soil cover, and steepness and length of slope as well as soil-management and conservation practices.

WHEN ENOUGH experimental data are available to give accurate relative values for these various factors, mathematical methods can be used to estimate or predict soil loss on a particular farm. Such data are now available for some areas of the country in the humid region. Soil-loss prediction methods based on these data have been developed and used in both the Corn Belt and the Northeast.

The conservation slide rule developed for the Corn Belt States has been checked by many scientists and field workers and found to be a valuable and effective tool for field work.

In the hands of a trained technician—familiar with the soils and climate of the area in which he is working and with the erosion allowance for each soil—the slide rule makes possible a rapid calculation of soil loss. With this tool the field worker can readily select the combination of cropping system and conservation practices that will most economically meet the needs of a particular farm.

H&N
"Nick-Chick"
LEGHORNS

FOR
MORE
EGG
PROFITS

Write for FREE price list and illustrated literature.
Also 1st Generation White Van-tress broiler chicks.

Florin Farms

FLORIN FARMS, INC.
Mt. Joy 2 - Lancaster County - Pa.
Phone: Mt. Joy OLdfield 3-9891

THESE SPRAYS KILL EACH AND EVERY PEST

We Have a Complete Line of Sprays and Dusts for Market and Home Gardeners, Potato Growers and Orchardists. See us today for good value.

EASTERN STATES FARMERS' EXCHANGE

Ph. Quarryville ST 6-3647 or Lane. EX 4-3755

DAIRYMEN!

Get Full Information About the New

Patented ESCO "ICY-WALL" Bulk Milk Cooler

The exclusive patented "ICY-WALL" Principle...

Cools your milk faster
Keeps your milk colder,

Covered by U.S. Pat. No. 2,713,284

10-Year Warranty

Operates at lower cost

Costs less to install

Drop in, write or phone for Complete information. No obligation.

Stauffer Diesel Refrigeration

GORDONVILLE, RD.1. Ph. Intercourse SO 8-8531

DILLER & CLARK

is your headquarters for

GIRTON FARM TANKS

SEE—COMPARE—BUY
GIRTON DELUXE 1-PIECE COVER MODEL

Available in sizes 100 gallon through 1500 gallon.

- ★ They're built to last. Heavy steel framework sealed in air tight, rust resistant, moisture free chamber.
- ★ You get more for your dollar. Gallon for gallon of capacity, it's your best buy.
- ★ Fast, economical direct-cooling.
- ★ Completely automatic operation.
- ★ Built low—only 34" from floor to strainer opening.
- ★ Sanitary stainless steel outlet valve.
- ★ Vermin-proof covers keep milk clean.

We Invite Your Inquiries

Intercourse
Ph. SO 8-3321

Kinzers, R. D. 1
Ph. SO 8-8167

Let our factory-trained representatives show you why dairymen everywhere choose Girton over ordinary farm tanks.