NEW VACUUM-SEAL FOR STORAGE EGGS HINTS AT HIGHER PRICES FOR FARMERS

BY FRANK I. WELLER,

Associated Press Farm Editor. depression in the egg market has brought out a new preserving proc-ess which is expected to increase the food value and price of storage

The process is the invention of department of agriculture.

It is simply a matter of dipping eggs into a colorless, odorless and tasteless mineral oil in an air-tight chamber, then pumping out some of the air to create a partial vacuum.

Some air escapes from the eggs also. Swenson then turns carbon dioxide into the vessel. The eggs once more surrounded by gases at normal pressure, draw some of the oil into the pores of the shell to form a complete seal.

Carbon dioxide probably is carried in with the oil, which accounts for the marked improvement in quality said to follow its use. The appearance of vacuum-dipped eggs when opened after 19 months in storage compares favorably with that of a 2-day-old egg, Swenson

It is the loss of moisture and carbon dioxide, he explains, which reduces the weight and impairs the quality of eggs in storage and results in lower prices for them. When the pores in the shell of an egg are sealed by the Swenson process the egg loses only onetenth of one per cent of weight in 10 months.

Only 30 per cent of open-dipped eggs fall into the special and ex-

process is apparent.



Photo shows T. L. Swenson demonstrating his vacuum treatment of eggs to preserve their freshness

tra grades after 10 months, where-as vacuum-oiled eggs are said to now are not carried over from one commercial uses at nominal prices, verage 46 per cent.

Since 12 per cent of the total anstorage season to another. They move into storage during March, were to improve the food value of nual egg production goes into stor- April, May, June and July, at the storage eggs, and consequently age, the possible beneft of the new season of peak production, and out their ultimate price, it is considof storage during the other months, ered probable that producers might

Storage operations exert a large If the new process, which Swen- be paid a higher price in the spring. PRICE LEVELS "WHIPSAWING" FARMER HELD BASIS FOR ECONOMIC TROUBLES

BY FRANK L. WELLER

Washington -- Not since late 1920 has the farmer sold and bought on the same price level, and the 10 years' maladjustment, economists say, is largely responsible for the nation's lack of economic stability.

The handicap under which the farmer labors is graphically shown in a recent tabulation by the department of agriculture showing that the prices of farm products are now 10 per cent below the pre-war level, while the prices of the things the farmer buys are 39 per cent above that level.

Forty millions of the American population depend on the soil for a livelihood, and the degree of prosperity enjoyed by agriculture still goes a long way in fixing the general state of business throughout the country.

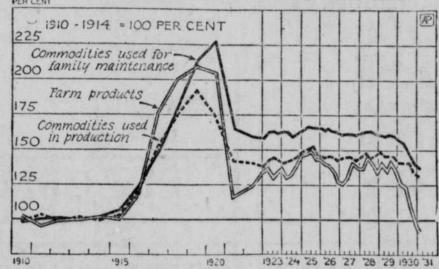
The interdependence of industry and agriculture never was more evident. The trend toward more intense specialization in crops has lated independence. Less diversification means that the farmer not only buys everything that he uses in his work, but also much of his own food.

HINT TO ROADSIDERS

COTTON FOR BAGS PROPOSED TO LIFT PRICES OF STAPLE

Auburn, Ala .- The cotton farmer could raise the price of his own product \$6 per bale this year by requiring that feeds, seeds, fertilizers, cement and flour be shipped to him in cotton bags-and that cotton bags be used in shipping out his bales of cotton.

Prof. J. D. Pope, head of the Agricultural Economic department of Alabama Polytechnic Institute is PRICES OF COMMODITIES FARMERS BUY AND PRICES RECEIVED FOR FARM PRODUCTS, INDEX NUMBERS 1910 TO DATE.



This chart, prepared by the department of agriculture, shows the present price level for farm products to be 10 per cent below the preled the farmer away from his iso- war level, while the price level of the farmer's purchases remains 39 per cent above the pre-war level.

third of the population is depend- | ment is possible unless it embraces ent on the cash yield of the farm as one of its fundamentals the placfor what it buys at the store and ing of the farmer where he can buy So long, economists say, as one-the factory no recovery or readjust- and sell on the same level.

According to a Michigan survey

of roadside stands, when the display of fruit is increased from 3 to authority for the statement. The key to the solution is increased consumption, paving the way to higher prices for cotton. Perfection of the cotton bag plan

will increase the consumption of cotton by 500,000 bales during 1931 alone, Pope said. "Cotton growers use more than half of the fertilizer consumed annually in the United States," he pointed out. "The exclusive use of cotton bags for fertilizer would increase the consumption 164,000

bales. The same plan with cement

would increase consumption from

45.000 to 115,000 bales. Another 200,-

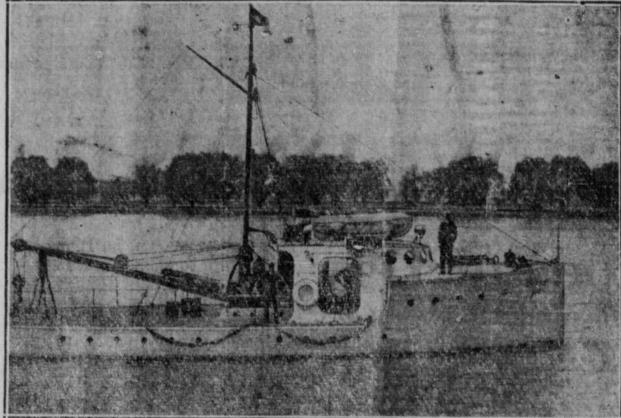
30 bushels, the average weekly sales of the stands jumps from \$20 to \$98 000 bales would be required to wrap the average cotton crop."

DESTROY LIVESTOCK

Wealthier Russian peasants have destroyed all their livestock wholesale rather than turn their animals over to the collective farms of the soviet. Cattle decreased 12 per cent between 1929 and 1930.

PLENTY OF PORK CROPS R. V. McKse, Marshall count, Illinois farmer, produced more than 31 tons of porkers last year, averag ing 366 pounds of feed for ever 100 pounds of nork.

Uncle Sam's First Rivetless Ship



The H-1 takes the water at Washington Navy Yard. † stead of being joined by rivets (which has the effect of making it a one-piece job). The new craft by which the steel plates are welded together in-

Work Starts on Boulder Dam Zep's Weather Eye



The first charge of dynamite (1,500 pounds of it) is exploded near the site of the Boulder Dam project, inaugurating work of construc-tion of the great irrigation reservoir by the Six Companies, a San Francisco concern. Soon thousands of men and hundreds of pieces of equipment and buildings will cover these bare stretches.



Lieut, Antony L. Danis (above) will have charge of weather charts and other information vital to navigation of the Akron, when the giant airship now under construction at Akron, Ohio, is launched this Summer. His official title will be aerological officer.

"Legs" Sweetheart



"I told him not to go." That was the statement of Marion Roberts (above), showgirl sweetheart of Jack "Legs" Diamond, as she left Albany, N. Y., hospital, where Diamond is said to be near death as a result of the shooting affray in a roadhouse near Catskill, N. Y. She was not permitted to see the wounded gangster.

Sisters, But Murder Took One



Three lovely girls in Bangor, Maine. Sisters, too. The one on the left is Esther Brannen. The one in the center is Virginia. And the one at right is Gladys. A few days ago Virginia was murdered in a New York suburb far away from home. This picture helped to establish identity of the slain girl.

Cop's Wife Routs Bandits



Patrolman Michael Ronan, of New York's Finest, was off duty. He walked into a shoe store to help his wife select shoes for daughter Bebe, shown with them. Bandits entered. Ronan drew his gun Bandit knocked him down and shot him. Mrs. Ronan, an expectant mother, punched the gunmen till they fled. They both were captured

Tex's Daughter Promotes a Friendship



The little girl is Maxine Rickard, daughter of the late Tex Rickard, promoter. Camera in hand, Maxine faced flock of lambs in Central Park, New York, retreated. Maxine looks like her famous father.