

### Freshness Explained Simple Test For Egg

An egg is a sealed package of fine food when it is laid by the hen. It is the only product that Nature gives us that is sealed without the touch of human hands.

"However," points out T. T. Brown, extension poultryman of N. C. State College, "eggs that bring a premium on the market are those that are fresh, large, clean, uniform in size and color, and sound in shell. Most consumers will buy the more pleasing-looking product, but their continued purchases depend upon the actual interior quality of the eggs."

The State College man suggests a simple home method of determining if eggs are fresh. "Place eggs in a pan of water," he says, "and the good ones will rest flat on the bottom of the vessel; those that have lost some of their quality will stand on end;

### Downed in Dog Fight



Whitney Straight, former New York millionaire society racing driver, is reported to have landed his crippled Spitfire plane in France after being downed by a German plane over the English Channel. The RAF pilot was returning to Britain after a patrol flight.

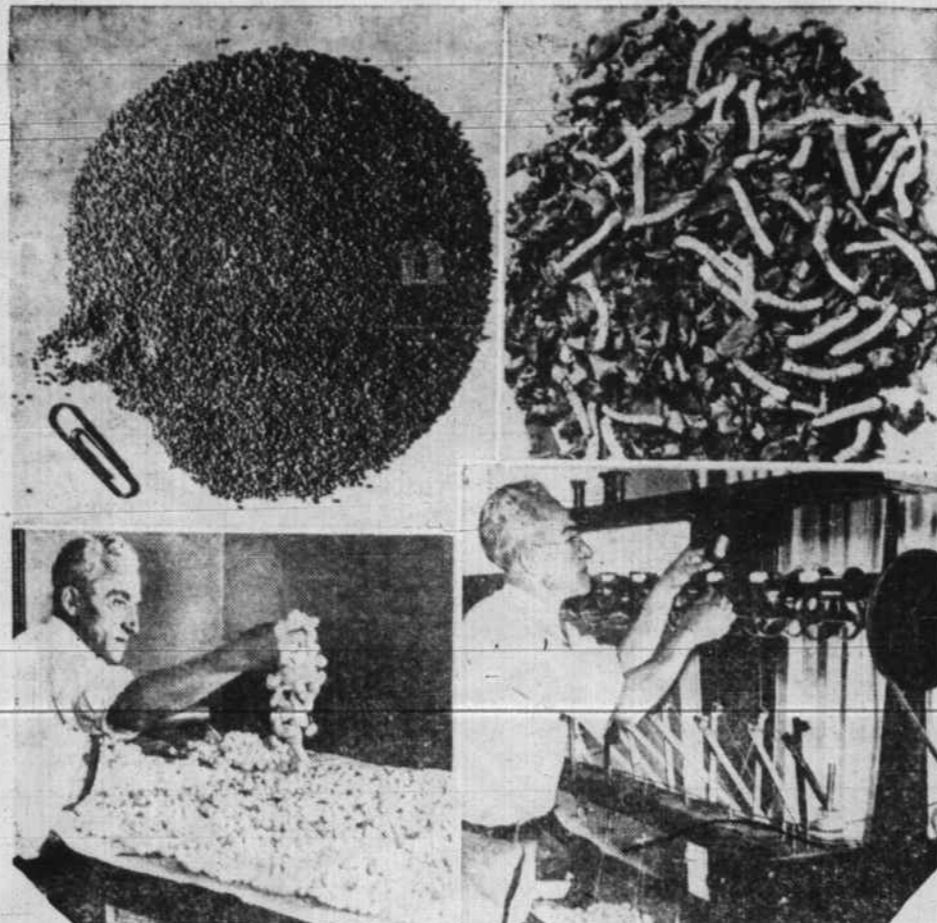
and very poor ones will rise somewhat. Those that rise are older or poorly kept."

Brown explained that an egg does not have an air cell when it is laid by the hen. As it cools, the water evaporates from it and the two shell membranes at the large end of the egg separate and form an air cell. In hot weather, moisture is drawn from the egg, just as water is drawn from the soil and from all vegetation. The depth of the air cell is a measure of quality in eggs.

"It is beyond the ability of man to improve the quality of an egg," declared Brown, "but it is within his ability to maintain that quality through to the consumer. One of the most important steps is rapid cooling of eggs. Eggs, when laid, are about at the body temperature of the hen, which is 106 degrees. They must be cooled rapidly to about 68 degrees to keep fresh."

The cost of containers, boxes, labels and other packaging materials constitutes about 22 per cent of the factory value of packs of U. S. canned and preserved fruit and vegetable industries.

### Silk Production in a Bronx Basement



For years John Ousta of the Bronx, N. Y., has campaigned for an American silk industry, declaring the United States did not have to depend on Japan for its supply. He has been producing the valued fabric in the basement of his home. These pictures show steps in the silk process. Top, left, is a pile of silkworm eggs contrasted for size with a paper clip. Ousta has a million eggs bred for next year's crop. Top, right, hatched worms feed on mulberry leaves in Ousta's back yard. They're kept in trays from birth until ready to spin cocoons. Bottom, left, Ousta looks over the silk cocoons, which undergo a drying process for about a month before they are unraveled. Bottom, right, the cocoons are reeled into spools. Reeling is the most expensive step, involving labor costs and tedious work.

### Retail Prices Almost Sure To Go Higher

Retail prices, which have been held fairly well in check through the "war period" up to recently, are almost sure to show much more abrupt rises between now and autumn, and thereafter. The June index of living costs of the Department of Labor was 104.6, compared to 102.9 for May—by far the sharpest monthly differential this year to date. Things are checked, and again checked, as he descends a 45-degree inclined, clefted plane.

The inclined plane test shows the fit of the shoes under the most severe actual conditions, similar to those encountered in the field.

Since December 4, when the supply warehouse outfitted the first selectee, 21,588 others have been through the measuring room and fitted for shoes, under the supervision of Lt. W. R. Middleton and his enlisted assistants.

Perhaps here's something you did not know about army shoes. There are 136 sizes available at the RC, beginning at 4A and running up to 15EE.

that makes further and more drastic rises unavoidable is that, up to now, stores have been selling merchandise acquired when wholesale prices were lower; but stocks in this category are now being rapidly used up—and they have to be replaced, of course, by goods that come in at a higher cost. This is especially true in the food, clothing and house furnishings lines. It's a moot question whether the price control legislation now being formulated can halt this advance to any noticeable extent. Retail trade circles think it can't. Even some "one-price" clothing stores, always reluctant to disturb established prices, have been forced to announce increases of as much as 10 per cent.

#### Dehydrated

Dehydrated foods, declared equal in value to canned foods by the Food Committee of the Army and Navy National Board, may help solve a possible shortage of tin.

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### And They Do It for Fun!



Amateur matadors have their day in the Spanish town of Pompona. Once a year a bull is turned loose in the main plaza of the town, and from then on it's every man for himself. One of the participants has been dropped (right background), but the bull has been lured away by coat-swinging toradors.

### Shoes Important To Present-day Soldier

Fort Bragg—No equipment worn by a soldier is more important than his shoes, and this vital fact has been kept well in mind at the supply warehouse of the Reception Center at Fort Bragg.

There is no single act in the equipping of the individual soldier for actual field service that can do more to lift him above the physical handicaps that have hampered the fighting men in all previous wars than that of seeing to it that the soldier has exactly the size of shoes his feet should wear.

Fitting the selectees to the exact size they need is painstakingly done. One of the most accurate instruments available for fitting shoes is used here—the QM shoe-measuring device. The shoe size determined, the shoe is then tried on as a double check. Then the selectee is directed to lift a bucket of sand which weighs 40 pounds. This allows the foot to be tested under the same pressure that it would be subjected to under actual field conditions.

After the foregoing test, a good fit is assured. However, when the selectee comes to the fitting room where a final check of all clothing is made, another device is used to make absolutely sure that the shoes are correctly fitted. The selectee is loaded with a 40-pound pack. He then mounts a platform where the shoes

### Cars Of 1942 Will Present Problems

Cars for '42 undoubtedly will have less aluminum, nickel, zinc and other vital defense materials than their predecessors, and of course there'll be fewer new ones. Materials just have to be saved for actual defense use. At the same time, adequate transportation has to be provided for defense workers, and to maintain civilian transit and food-delivery facilities. Reduction in over-all weight might be a solution to this two-edged problem.

Spends Week-end Here  
Mrs. Julia D. Johnson, of Raleigh, visited relatives here last week-end.

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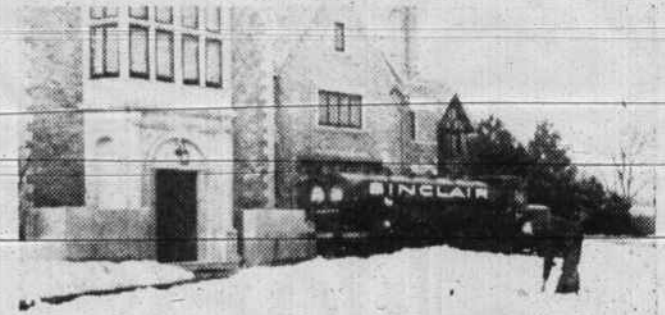
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