

Eggs From Older Layers Better For Processing

As hens grow older their eggs are more valuable for processing into liquid, dried and frozen products, U.S. Department of Agriculture studies show.

Since the eggs of younger hens contain more thick white—preferred for table use—this finding suggests that consumers, producers and processors alike could benefit from utilization of eggs on the basis of the layer's age.

Processed products now absorb about 10 per cent of the 160 million cases of eggs produced annually. Most commercial egg producers house their flocks according to date of hatch and could easily pack the eggs according to the layer-age groups desired, USDA researchers said.

Studies by utilization scientists of USDA's Agricultural Research Service showed that during the first laying year the value of eggs for processed products increased \$2 per case of 30 dozen. Two-thirds of this increase was due to normal increase in the size of the eggs but the other third was due to proportionately less shell, more yolk, and more solids in the yolks.

The studies were conducted by Dr. Leo Kline, J. J. Meehan and T. F. Sugihara at the Western Utilization Research Laboratory, Albany, Calif., as part of an effort by ARS to find new and improved uses for agricultural products.

The scientists found that the percentage of shell decreased and the edible portion of the egg increased about 0.5 per cent during the first laying year. The yolk, which is more valuable than the white, increased 2 per cent in proportion of edible contents and about 0.5 per cent in solids content. The white became thinner, showing a decrease of 1 to 1.5 per cent in solids content during the first laying year.

Baking studies at Albany

Lititz Sew & Sew's Attend 4-H Roundup

On August 19, the Lititz Sew & Sew's attended 4-H Sewing Roundup at Penn Manor High School. The girls were judged in the morning and in the afternoon saw the dress revue fashion show. The fashion show was entitled "A Trip to the World's Fair" and approximately fifty girls participated. Jan Knight and Darlene Helman represented the Sew & Sew's in Dress Revue.

The girls were very fortunate this year to have every Club member receive a blue ribbon. Those who received blue ribbons were Jan Knight, Darlene Helman, Carol Brubaker, Mary Swann, Beverly Hess, Vickie Davidson, May Spangler and Dawne Palmer.

August 20th the girls entertained the crippled children at Elizabethtown Children's Hospital. They presented a variety show which the children greatly enjoyed.

The girls also sold cookies this summer in order to raise money for CARE packages. They are sending \$50.00 worth of CARE packages to different countries. This is a big accomplishment for a small club.

The girls feel they have had a very rewarding summer through their 4-H work.

showed that foaming and other performance qualities of egg products in sponge and layer cakes remained the same during the first egg-laying year—as did the nitrogen and fat content of the yolks. About 70 per cent of all processed egg products are used in cakes, doughnuts, and other bakery foods. Lesser amounts are used in noodles, confections, baby foods, salad dressings, military food supplies, and school lunches.

Cooperating California egg producers supplied eggs throughout the year to enable the scientists to make comparisons of those from hens of various ages. The eggs were from commercial strains of White Leghorns.

Oliver Dealers Attend Field Day

Two local dealers attended Oliver Corporation's "Growing O" Field demonstrations this week at the Church Farm School near Exton, Pa.

Nelson H. Heishey, manager of N. G. Heishey & Son, Manheim, with salesman Ammon Shelly and servicemen Paul Whitman and Galen Hosler represented N. G. Heishey & Son.

Representing Farmersville Equipment Co., Inc., Ephrata, RD 2 at the field demonstration were Ivan Z. Nolt, president, Clydeth Buch, treasurer, and the company's salesmen, Charles Hackman and Eugene Putt.

99 New Varieties Since 1911 By Penn State Univ.

In the past half century plant breeders of the Agricultural Experiment Station at The Pennsylvania State University have produced 99 new varieties of crops.

The first two varieties released were Patterson and Keystone spring oats, announced in 1911. They were very popular in Pennsylvania and adjoining states, according to Guy W. McKee, secretary of the Agricultural Experiment Station seed committee. Dr. McKee has summarized the Station's production of field, forage, turf, fruit, vegetable and flower crops for the fall issue of "Science for the Farmer," a quarterly magazine issued by the College of Agriculture.

Since 1947 the Station has released 31 varieties of hybrid corn. Seventeen hybrids were widely used and seed of 18 is still produced. Pennscot 1ed clover, developed in Lancaster County, is widely used over the whole United States.

Five vegetable and fruit varieties won All American honors—a silver medal to Penn State Ballhead cabbage, bronze medals to Premier Great Lakes lettuce, Pennlake lettuce, and Pennsweet muskmelon, and special mention to the Penn State tomato.

Three turfgrass varieties have won widespread acceptance and use—Pennlawn creeping red fescue, Penncross creeping bent grass for fine

Have You Heard?

(Continued from Page 9)

Clean rubber drain mats that won't come clean with plain soap and water. The steel-wool pads will remove the black grime that collects in the grooves.

Black streaks on linoleum floor coverings come off easily when you rub them gently with a moist steel-wool soap pad.

Large pads make the job of cleaning white-wall tires easier and quicker than with small pads.

You Can Do Something About Colds

Be alert to these signals—snuffles, sneezes, coughing, sore throat, aching muscles, tight chest, and running eyes.

If you have any one of these symptoms, take care of it at once. Avoid quick changes in

temperature and stay in bed, if possible. Eat well-balanced meals and avoid overeating. Drink plenty of liquids to tone up the system and help elimination.

Be thoughtful of others. Keep your cold to yourself. Colds are catching. Cover your mouth when coughing or sneezing, avoid direct contact with other persons, and observe strict rules of hygiene.

Guard against the next cold—build up your resistance by keeping physically fit, by common sense and avoiding extreme temperature changes, overtiredness, and contact with persons who have colds.

A REMINDER—Do not judge fruits and vegetables by price alone. It seldom pays to buy just by the price. High prices don't necessarily indicate desirable quality. Low prices are not always signs of poor quality.

Reasons Why People Overeat—Habit—the same pattern for years. As adults people continue to eat adolescent size meals.

Family tradition to have good food and plenty of it. Emotional—for some people eating is pleasant when they're bored. Some people overeat when lonely or dissatisfied about money or job.

turf, and Penngift crownvetch for steep slopes. Penngift was the first crownvetch variety to receive a varietal name.

Nittany Lion Red geranium, released in 1963, is widely acclaimed as being the first true breeding geranium produced from seed. It won a special purpose commendation from All America Selections.

Growing HEIFERS and Dry COWS need



Wayne FITTING RATION

Wayne Fitting Ration produces rugged, full-bodied heifers that are thrifty and ready to breed at an early age. Fitting Ration helps the dry cow replace flesh lost during the previous lactation and puts her in top condition to start the new milking period at a high level of production.

Bred heifers and dry cows must receive a highly nutritious ration in order to build the unborn calf. Wayne Fitting Ration supplies vitamins, minerals, proteins and energy needed to drop the strong-boned calves.

In a test at the Wayne Research Farm, well fitted Holsteins produced 1720 lbs. more milk and 83 lbs. more fat than when not properly fitted.



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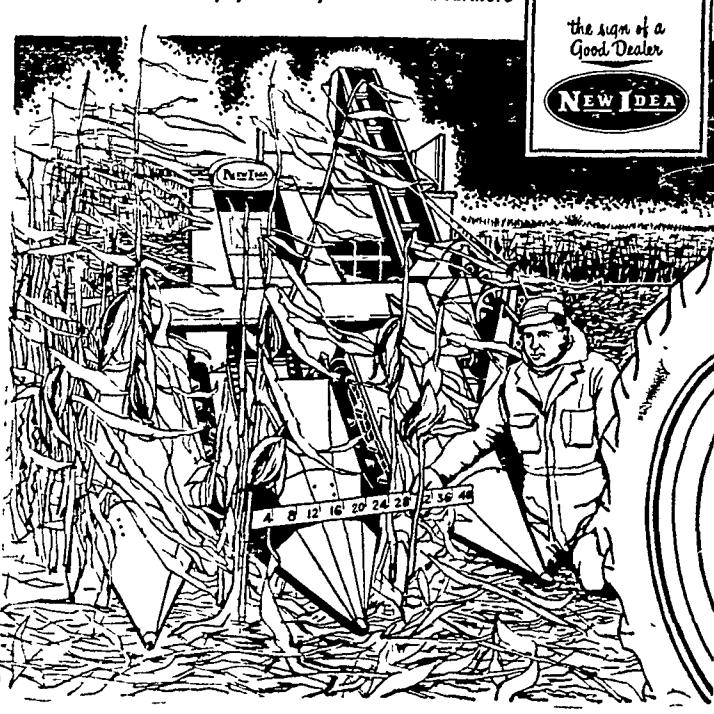
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Now you can pick or shell corn in narrow rows—28" to 36"—two rows at a time with a Superpicker! New high-angled snapping rolls with patented snap bars keep you moving acre after acre, without plugging. Pick and husk... or pick and shell. New cage-type sheller interchanges with husking bed. It has big capacity, and load leveling corn thrower. Full year guarantee on picker and sheller.

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