

POULTRY

TO RAISE HEALTHY CHICKENS

Lack of Vigor in Newly Hatched Chicks is Often Traceable to Weakness of Parents.

(Prepared by the United States Department of Agriculture.)

To be successful in raising chickens it is necessary to have healthy and vigorous breeding stock, for the lack of vigor in the newly hatched chicks is often traceable to weak parents. Only the most vigorous and the best grown birds should be put in the breeding yards. Each bird should be full of life and energy and free from any serious deformity. Yearling hens are usually better than pullets for breeders, for the reason that the hens are more mature and do not lay so many eggs during the early winter, and consequently do not reduce their vitality so much before the breeding season. Vigorous hens 2 to 4 years old can often be advantageously retained in the breeding yard. The male bird chosen should be young and active. An early hatched, well-devel-



Healthy and Vigorous Farm Flock.

oped cockerel is usually satisfactory, or a good vigorous yearling or 2-year-old cock may be chosen. The hens used for breeding purposes should be given the best care possible; they should be provided with large runs, and should not be forced for heavy egg production during the early winter.

DIPPING CHICKENS FOR LICE

Likely to Become More General Than Dipping Cattle Because Pest is More Numerous.

(Prepared by the United States Department of Agriculture.)

"Dip that chick!" It isn't done just for the sake of making a rhyme for "dip that tick," either. Dipping chickens is likely to become more general than dipping cattle, because the chicken louse is a more widely distributed insect than the cattle tick. The "dip" consists of 1 ounce of sodium fluoride to the gallon of water, which should be at a temperature of 70 to 85 degrees. The dipping should be done on a clear, warm day—never on a cold day. The old way of getting rid of chicken lice was by dusting with dry sodium fluoride. It was effective, but in the case of large flocks it was slow and wasteful, a great deal of the dusting material being inevitably lost. Recent dipping experiments proved successful, and the results promise a sure and speedy means of getting rid of one of the worst pests of poultry.

UP-TO-DATE SUMMER HOUSES

Colony Plan of Housing Poultry May Be Adopted to Advantage on a Great Number of Farms.

(Prepared by the United States Department of Agriculture.)

The curtain-front or partial open-front house is conceded to be the best type for most sections. The colony plan of housing poultry may be adopted to advantage on many farms. This system does away with the danger of tainted soil.

The roosts should be built on the same level, 3 feet from the floor, with a dropping board about 6 inches below them. Good roosts may be made of 2 by 2 inch material with the upper edges rounded.

The nests may be placed on the side walls or under the dropping boards. It is best to have them darkened, as the hens prefer a secluded place in which to lay.



Let the hens help themselves to a dry mash.

Market white-shelled and brown-shelled eggs in separate packages.

Ship or deliver eggs at least twice or three times weekly.

Cull the flock so as to eliminate the early molters and other unprofitable producers.

Fertile eggs will withstand marketing conditions much better than fertile eggs.

Market hens which you do not wish to carry longer as soon as they stop laying and begin to molt in the late summer or fall.

Oregon Inter-State Fair

INVITES YOU TO PRINEVILLE

We Invite You

While taking in the Fair, to make your purchases from us. Our stock of Drygoods is being added to constantly by express and freight. Our stock of Shoes is big. Our Grocery stock is the largest in Crook County and is fresh and clean.

We Can Save You Money

OUR BIG VOLUME OF BUSINESS BRINGS OUR EXPENSE OF DOING BUSINESS DOWN TO A VERY LOW FIGURE

WE HAVE NO HIGH RENT TO PAY

WE ARE JUST AROUND THE CORNER BUT IT PAYS TO WALK

J. E. STEWART & COMPANY

PRINEVILLE,

TELEPHONE 211

OREGON

EQUAL TO THE EMERGENCY

American Genius Quickly Produced Precision Blocks Accurate to Millionth Part of Inch.

One of America's little-known war romances is revealed by John H. Van Deventer in his story of precision gauges, which appears in Everybody's. Virtually all of our munitions had to be made to limit gauges which had to be corrected by means of precision blocks to within a few millionths of an inch. "Twenty years ago," writes Mr. Van Deventer, "a Swedish tool-maker named Johansson made up his mind that the millionth of an inch was the coming thing—hunted during nine years for a practical way to get it and got it. How? Nobody knows except Johansson, and he won't tell. For over nine years he kept everybody guessing. Our best shops imported his blocks and used them for checking the gauges."

"Then came the war, with its wonderful stimulation of American genius. With it came also the need of being independent of the old world in the matter of gauges."

"The war took E. C. Peck away from his job of running a great factory in Cleveland and brought him to Washington to take charge of the gauging of ordnance products. It brought William E. Hoke of St. Louis to the bureau of standards, with an idea of how to produce precision blocks. Colonel Peck and Major Hoke got together, and in six months were turning out precision blocks accurate to the millionth part of an inch."

IS LARGEST OF INDUSTRIES

Statisticians Figure in Billions When They Make Computations of Live Stock Business.

The live stock industry is the largest and, in more than one sense, the most important industry in the United States. Its extent, measured by the value of live animals, amounts to more than \$8,000,000,000. Its importance rests in the necessity for live stock to consume the products of farms and ranges, 80 per cent of which, according to census reports, is fed to live stock; in the maintenance of soil fertility, which cannot be kept up continuously and economically without a considerable number of animals as a part of the farm system; in the indispensable place which animal food

occupies in the American diet, of which it makes up 38 per cent, based on the average consumer's food-expenditure account; and finally, in the far-reaching influence which the growing, fattening and marketing of live stock has upon the social and economic welfare of all classes of people, including producers, distributors, and the meat-consuming public.

The slaughtering and meat packing business is the largest manufacturing industry in the United States, according to the United States census of manufacturers. The sales of live stock in the Chicago market alone totaled nearly \$1,000,000,000 in 1918, or over \$3,000,000 a day, and the daily sales at all of the centralized live stock markets of this country total close to \$20,000,000.

England Harbors Ex-Queens.

England will soon be the land of five queens, a potential and powerful group either in politics or poker. The figure resembles a misdeal, but it is explained by the fact that England has a queen and a queen mother, while there are in England the one-time queens of two other countries. They are soon to be joined by another, Empress Marie of Russia. She and the two other foreign ladies are deep in unhappiness—three of the saddest queens, as an observer has remarked, in modern history. The two whom Empress Marie will join are Empress Eugenie and the queen mother of Portugal.

These three women plainly tell the story of greatness. One of them was driven from her throne and her son was killed fighting for another country; another was exiled after having been robbed of her husband and son, and her other son driven from the throne; the last was widowed and her son, her grandson and her granddaughters brutally murdered.

A British invention for the relief of aeronauts making voyages over extensive stretches of water consists of a more or less circular gas bag in the center of which is stretched a "floor" of heavy fabric. Ordinarily, the raft is carried by the airship in the deflated state; but in the event of accident it can be inflated in a few minutes to form a most serviceable raft. The bag is really a series of bags, each being inflated through a separate air valve. Simple oar locks and a pair of oars are provided for propulsion purposes.

Try a little old Classified Ad in the Journal

Oaks Cafe

441 MAIN STREET

Now Open For Business

MONDAY, SEPT. 29

Newly Equipped-----Modern Throughout

Will Deliver a 24-Hour Service

Give Us a Trial