

man or woman who raises 100 pullets. If for eggs by James Dryden, head of the

not hatched in ample time to be in full poultry division of the Oregon Agri-

many of them will not begin laying until recognized as the foremost poultry

carload lots with the fullest marketing tention is called to the fact that al-The federal government has been information, and to broaden markets though under the Clayton act they are alive to the necessity and to the through intelligent publicity. In my exempt from the Sherman anti-trust

importance of furnishing leadership to opinion there is no other one thing that laws, the producers' organizations in

sumer's dollar. As hereinbefore pointed



Hundreds of farmers are enjoying (?) this experience in the cold weather. Pump frozen up, platform covered with ice, bad fall, a poor way to start a day. Water so cold when you do get it that it makes all your teeth ache and and spoils the digestion of your cattle.



## Water System

Changes this condition forthwith. Puts running water where you want it. Get up on a cold morning, start a fire and you soon have warm water. draw a glass from the faucet and you find it just the right temperature. You like it, your wife likes it. Your cattle thrive on it and you and the boys go to work whistling instead of grouching. Write today for a copy of

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The most interesting book ever published on farm water supply. Ask for book No. W

Mitchell-Lewis & Staver Co. Portland Spokane Boise

the state of California can do at any California, with which as state market ime, and more especially at this critidirector. I have had relations, have cal time, than to aid the food producer which make it legally impossible for to keep on producing. The experience them to profiteer or to exploit the pubin California as well as elsewhere has lic even if they were inclined to do so. California is rapidly becoming one of on 100 birds. Let us all hatch early shown that, as a rule, where farmers | have been properly organized into marthe greatest food producing states in keting associations, it has stabilized America. Its possibilities in this direcconditions, eliminated marketing evils, tion are nevertheless still in their inbroadened markets and added to the fancy. Oregon also possesses limitless prosperity and well-being of the farm of benefit as well to the consumer. In

out, this can be done only by organiza- better to standardize grades, ship in and no desire to exploit the public, at-

more (HICKS antha

Buckeye Incubator

You keep the

Lamp burning,

Turn the Eggs \_\_\_\_\_ that's all \_\_\_\_\_\_ The "Backeye" will hatch every Hatchable Egg. No experience necessary

WhyBuyA.J.C.C.East

J. W. VANDERVELDEN & SONS

Roy, Oregon

cereals.

raisers. Write

Ask for Catalog No. 502

ing of their crops, thus enabling them | and the fact that they have no thought

possibilities. It has been pointed out producer. These things have all been that there remains millions of acres of the interest of the consumer it is of water as soon as later it will be, will the highest importance that the food producer shall be kept producing. It

nmonwealth

uncultivated land which, put under make it possible to enormously increase the food production. This, together with the fact that the federal merchant marine which will be at the service of the producers in normal times, and the use of the Panama canal, will open out the

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DIGESTER

TANKAGE

As a balancing ration it puts

pork on your porkers quicker

and cheaper than is possible

with straight and costly

FREE Booklet containing

valuable information to hog

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North Portland, Oregon

Another "Black" International!

Abardeen-Angus won Grand Championships over all breeds on SINGLE STEER. Steer HERD, CARCASS and BOTS' and GIRLS' Calf, losing only Fat Carlot (first time since 1909). The interbred Grand Championship standing of the world's greatest show is now 11 out of 17 for Single Steer, 12 out of 15 for Steer Herd, 13 out of 17 for Fat Carlot, and 16 out of 17 for Carcass, in favor of the Aberdeen-Angus, Write for "Results of Internationals." ABERDEEN-ANGUS First in War, First in Pasce, First in Reconstructiont AMERICAN ABERDEEN-ANGUS BREEDERS' ASSOCIATION 817 Exchange Ave., CHICAGO

for shipment. Poultry, to be shipped to market, should be carefully selected, tlantic seaboard and the world marnone but the fattest and meatiest birds kets for Pacific coast products as would teing chosen. A dressed poor bird never otherwise have been possible. never will bring top price. Neither will These advantages, combined with ora poorly dressed fat bird. It is always ganized effort on the part of the farmbest to dry-pick poultry for shipping. rs who collectively will be in a position Scalded stock generally arrives in to extend and develop export markets, sticky, half-spoiled condition and never emphasizes the fact that with proper brings as much as dry-picked stock. It guidance and direction, the food prospoils more quickly.

ducers will be in a position to add tre-After selecting the fattest birds, they mendously to the wealth and to the should not be fed for 8 or 10 hours beprosperity and the well-being of their fore killing, as a dressed bird should have the crop absolutely empty. Food

an incubator to-do it.

in the crop sours, turns black and in-**Organization Is Necessary** jures the appearance of the dressed In dry-picking, the bird should A farm is a business, and crop yields bird. are only one part of that business. be bled in the roof of the mouth, then being hung up so it will bleed well. Be Studies in farm management show that

sure that the blood drains out thoroughfarm to make money must usually have y, as a poorly bled bird looks reddish a large business, must have good crops either all over or in spots, and this deand live stock, and must have these en-Sons and grandsons, daughters and terprises so selected and organized on granddaughters of Combination Premier the farm that the labor will be kept busy 129740, the most noted Jersey Bull on throughout a large part of the year. preciates its grade and value. The morning after' the day of dress-ing the head of each bird should be throughout a large part of the year. wrapped in paper. This adds to the ap-While it is important that a farmer avoid

pearance of the bird and prevents the poor yields, he should not judge the suc-cess of his farm by its yields alone, blood from staining the body of that and other birds. Place at least two shipping tags on

Take as an example the farm poultry-

lay by October 1, it is probable that

during October, November and Decem-ber, if fed and handled right, it means

that the poultryman loses 50c per month

on every bird carried, or \$50 per month

this season, even if we have to purchase

TURKEYS FOR MARKET

By C. R. Beckley

The price that country-dressed poul-

try will bring in market depends greatly

on how meaty and fat the birds are and

how well they are dressed and packed

HOW TO BEST PREPARE

each box or barrel, and be sure to write your name and postoffice address on as a general rule. There were few every tag. Very often these tags are buyers. One lot of pure bred Berkshires, torn off en route and it is difficult to determine the origin of the shipment. Now, the following out of the above suggestions need cost you no extra money and but very little extra time, and we know that, if followed, will be advantageous in getting a better price for your poultry.

We have shipped 986,508 tons of meat **Roots Supply Succulence** The chief function of roots in cattle feeding is to supply a succulent feed. Under general farm conditions the quantity of nutrients grown per acre in root. crops is small in comparison to the cost of production. These root crops, how-

by federal inspectors in 1918, and 171/2 ever, can be preserved during the winmillion pounds were condemned as unfit ter equally well whether large or small for human consumption. quantities are fed each day, and there-

a few cows are to be fed. Of the differ-Jersey bull, of which a photograph apent root crops, mangel-wurzels furnish peared in last week's Journal, was owned the greatest yield per acre. Other kinds by Pickard Bros. of Marion at the time of beets and turnips and carrots may be of his death. He was bred on the Ladd

fed immediately before milking. Car. ber was Star, a Jersey cow owned by A. rots impart a desirable color to the R. Forester of Albany. She made 58.68 per cent of fat and 978 pounds of milk. milk.

## COOPERATION-No. 2

It is of paramount interest to the CONSUMER to make it possible for the PRODUCER to continue producing. The only way to keep the PRODUCER producing is to make it possible for

him to earn a living. If the producer is to continue it is necessary that he receive not less than

COST OF PRODUCTION plus a living profit. Unless the producer receives a living profit, the incentive will be lost and he will CEASE to produce. In the degree that the producer ceases to produce, in that degree must the consumer inevitably go hungry or pay PROHIBITIVE PRICES for food products.

Prohibitive prices are often due to decreased supply or to high cost of

distribution. Cooperative marketing eliminates high cost of distribution, with a conse-quent lowering in prices to the consumer.

Will Be Good One January or February. As a pullet should breeder in the world of egg typ and does everage 10 eggs per month no sympathy with a fancy bird that is not an egg layer-and he has proven his ability by his winnings in contests.

through the showing made by birds bred

cultural college at Corvallis. Dryden is

Summary of High Birds

High Pen

Leghorn 252.2 eggs B. Rocks 251.6 eggs R. I. Whites 238 eggs

"Oregons"

235.2. eggs

Leghorn 234.2 eggs

tional Livestock show, Chicago. It was

bought by Wilson & Co., and will be pre-

sented to President Poincare of the

French republic to be used at the "peace

Livestock show prices were not good

the property of T. B. Johnson of La

Grande, went for about 25 per cent of

Congdon & Battles say the American

Angus association had a steer which would probably have been grand cham-

pion of the show if it had been possible

Ame

Av. all birds

171.08 eggs

171.86 eggs

the oldest in the country.

tween Leghorns.

given as follows:

High Bird Wash.-Leg-

Conn.-Wy-

andotte

Mo.-

dotte

dinners.'

311 eggs -Wyan-

286 eggs

horn..... 311 eggs

Two pens bred and developed by Dry-J. G. Dickson of Spokane, one of the den won the honor of being the second largest and best known breeders of and the fourth best pens in the United Rhode Island reds in the Northwest, States for the year. One of these pens writes the following letter to The Jourof Barred Rocks in the Pullman con-test, were the second best pen in the country, averaging less than an egg "I feel that it should be the best for

Poultry Breeder

Says Coming Year

below the high pen. The other pen was many years for the breeder of good of "Oregons" and won the Storrs exper- stock for various reasons.

iment station contest at Storrs, Conn., an international contest in which the best birds from England were entered, and ing the uncertain conditions of war times. This will be reflected as much in the poultry business as in any other. In the three important contests-"Second-Many poultry people who had planned buying stock or hatching Washington, Connecticut and Missourlhonors for the year were divided beeggs last season to introduce improved blood lines in their flocks delayed do ing so owing to the price of feed and A summary of contest results may be

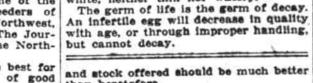
the uncertainty of conditions. They will all be in the market this season in addition to the regular 1919 buyers. "Third-Many of the newer breeders

who had a really good start toward building up high-class flocks in the different breeds became discouraged and quit the business. All of those people who have the true fancier's spirit can no more be kept out of the game than a 158.9 eggs duck can be kept out of water. They will all be in the market for new stock. "Fourth-Most of the older breeders

have decreased the numbers of their flocks and many of them will require new blood. The price of grain and feed has decreased quite materially from a year ago and we can look for a further decrease in feed prices during the coming year. Every careful breeder has

culled his flock closer the past two years An Aberdeen Angus pure bred steer than ever before so the quality of eggs brought \$2.50 a pound at the Interna-

> COOPEY SAYS: **OPEY SAYS:** Have you stopped to think what a glorious and happy Christmas this is for many thousands of families with their loved ones just roturned home, or about to return home from the war front, and to know that fighting in the world's greatest war is virtually over? While thinking of these joyous times, do not forget the tens of thousands of families in this and the allied countries who at their Christmas dinner will have so many vacant chairs, chairs that will never be filled again by the same boys who went forward and gave their lives to protect us and the rest of the civilized world from Prussianism and tyranny. Also there are the homeless ones in France and Belgium, in many instances not a mark left to denote where their home was. Let us all be proud of them, for such appears the fate of the ones that fight for honesty, truth and right. Say, will conditions ever change?



white, neither thin nor watery.

a large measure

Now, and we can give it best a wait until the cold of Winter, of steel and boller rivet them. than heretofore. "There are probably not more than 30 per cent of the usual number of cock-J. J. Kadderly

The odors of vegetables, meats and

The quality of eggs is dependent in

In eggs of high quality we have

yolk of a deep yellow color, and a firm

food the

other surroundings will be as quickly

absorbed by eggs as by warm milk.

erels for this time of year available for breeding purposes the coming season now in the hands of breeders so many 18J FIRST ST. who are depending on late buying will have to do without.

IMPROVED DRAG SAW "These to me seem to be the main reasons why the outlook for 1919 poultry business is more encouraging than at any other time in over 20 years in which I have been handling purebre poultry. I have on hand about 50 of the best cockerels I have ever raised but am sold out of cocks, herfs and pullets." Mr. Dickson has for several years

been manager of the poultry exhibit at the Spokane interstate fair. His birds have won many prizes. At the last interstate fair Mr. Dickson won no less than 18 first and second prizes with more breeders of birds represented than in any previous year.

Buccessors to Supple & Mateories Foot of East Taylor BL Phone East 6345, Portland, O Pure-bred poultry means uniformity of products. Uniformity of products means increased profits, if they are properly

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is just as good as that we make today.

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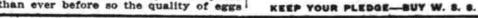
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marketed. Given the same care and feed, pure-bred fowls will make a better profit than mongrels.



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Leonard Schad, Foundry Superintendent. Phone East 1108 Millmade Construction Co.



to our allies this year, an increase of 225 per cent over the three-year prewar average. Eight billion pounds of meat products, prepared and processed, were inspected

what they were worth.

to exhibit it.

Golden Glows Chief, the registered fore have special application when only

used. Turnips, however, should be fed after milking rather than before, as they cause a bad flavor in the products if High test for fat production for Octo-