

Horse and Rabbit Meat Found of Great Value to Increase Egg Production

MEAT AND FISH AS FOWL FOOD HELP EGG PRODUCTION

Beef Scraps, Fish Meal, Wild Game and By-Products of Sea Food Found Best by Experts.

Beef scraps, fish meal, or other poultry nutrients which are rich in protein are essential to produce a regular and dependable supply of eggs. However, in some sections of the country these materials are rarely available on account of the high transportation costs and the distance from production centers. Poultry raisers in these localities have to utilize substitutes. In many districts of the Southwest jack rabbits are used as a valuable poultry feed. Rabbits of this type are not desirable as a human food during certain seasons of the year and, to many persons, they are always objectionable. As a consequence, their use as a food for hens is economic and efficient, as otherwise the meat is usually wasted.

It is desirable to remove the skin from the jack rabbit, and suspend the body by means of a cord or wire in the poultry house. Of course, feeding in this manner is advisable only during the period of cold weather, when the meat will keep well, and during the summer season when there are enough fowls in the house to consume the rabbit in a short time before the meat begins to decompose.

GOOD USE FOR WASTE RABBITS
Jack rabbits are so objectionable in some of the farming country that huge drives are organized for the extermination of the pests. Hundreds of ranchers, farmers and hunters will form a company line and traverse a rabbit-infested territory, killing or driving away all the rabbits which come in their path. If the rabbit drive occurs during cold weather a considerable number of rabbits may be frozen and kept in this condition for the use of the flocks throughout the winter season. The carcasses can then be thawed out and fed to the poultry house as suggested above, without cleaning, or, if desired, the meat can be cooked and fed in this form to the hens and pullets. This is a valuable use of rabbits, as ordinarily the hundreds of thousands of carcasses are wasted and allowed to decay on the plains and cultivated fields where the animals were killed.

HORSE MEAT GOOD
Horse meat makes a good chicken feed. In some sections where the sanitary laws do not prohibit the feeding of horse meat to fowls, extensive poultry raisers buy, wash out oil, and then slaughter them and feed their meat to the poultry. This is done on a large scale in parts of California. Operators report increased egg yield by the hens as a consequence of the liberal use of meat in the ration. Several Arizona poultry farmers formerly made a practice of feeding wild burro meat to their hens with as much interest as they did in the poultry house as suggested above, without cleaning, or, if desired, the meat can be cooked and fed in this form to the hens and pullets. This is a valuable use of rabbits, as ordinarily the hundreds of thousands of carcasses are wasted and allowed to decay on the plains and cultivated fields where the animals were killed.

FISH MAKE GOOD FEED
Practically any kind of wild game or varieties of fish which are not valuable for human food purposes are highly satisfactory.

BRINGING COUNTRY TO TOWN



A flock of White Leghorns kept by R. H. Parker at East Sixteenth and Twenty-third streets, Portland.

factory in the poultry dietary. Where fish are abundant it is ordinarily the custom for the fishermen to throw back into the water or else throw away any fish which are not highly desirable for eating. The use of these fish as feed for hens would be quite ideal, and, apparently, there is splendid opportunity for some poultrymen to locate commercial plants near popular public fishing grounds. Some of the Long Island duck farmers, who turn off as many as 100,000 ducklings a year, make an annual practice of employing fishermen especially to catch fish to feed to the ducks. The fish usually are boiled and supplied to the ducks in a cooked condition, being highly relished and particularly fattening.

SKIMMED MILK USED

On the average farm where poultry is kept as a side line, meat meal and fish scraps are usually little used in the ration, because as a rule they are extremely expensive compared with the other nutrients commonly furnished the fowls. Many farmers make up for this deficiency of protein in the ration by the liberal feeding of skim milk. Others maintain their hens on farm-grown grain without the essential supplementary nutrients. As a consequence, a pronounced loss in the yield of eggs. It is economy for the general farmer to utilize such high priced feed as beef scraps and fish meal, as generally he feeds a small amount of this material while its influence on the egg yield is markedly perceptible and decidedly profitable to the producer. Unless the farmer can supply plenty of protein in the form of rabbits, horse meat, wild game, fish or skim milk, it is advisable that he by all means purchase and feed meat meal or fish meal regularly to his flock.

Harmony Grange Has Election of Officers

Albany, Jan. 10.—The annual election of officers of Harmony Grange resulted as follows: F. D. Cornett, master; R. W. Johnson, overseer; Mrs. Lulu Titus, lecturer; Jack Reddy, steward; Mrs. Winnifred Mullen, assistant steward; Mrs. Jessie Cornett, chaplain; Ernest Titus, treasurer; Otto Rahn, secretary; Mrs. Jack Reddy, Ceres; Mrs. Margaret Gearhart, Pomona; Mrs. Flo Young, Flora; Mrs. Rose Rahn, lady assistant steward; and Charles H. Gearhart, gatekeeper.

THEY NEITHER MARRY Nor Give in Marriage

By DR. JAMES E. TALMAGE
Of the Council of the Twelve, Church of Jesus Christ of Latter-day Saints; Salt Lake City, Utah.

Note: For free copies of other articles of this series, send request to the author.

Certain Sadducees once came to Christ with a question concerning marital relations following the resurrection. The real point of their inquiry was in part hidden, or, in current vernacular, "under the bush." Their chief purpose was that of disputing the doctrine of the resurrection itself, the reality of which the Sadducees as a sect strenuously denied.

They cited a case, presumably hypothetical, of a woman who had been married, and then six times remarried under the levirate law, and seven times widowed, and who related to the children. The question as submitted was: Therefore in the resurrection whose wife shall she be of the seven?

"Jesus answered and said to them, Ye do err, not knowing the scriptures, nor the power of God. For in the resurrection they neither marry, nor are given in marriage, but are as the angels of God in heaven." (Matt. 22:28-30.)

Three of the evangelists make record of the incident; and the most extended version of our Lord's reply is given by Luke (20:34-38). From this we learn that while marriage and giving in marriage are a duty of the association of the living, a duty which is necessary and honorable undertakings among mortals, they to whom the Savior referred shall neither marry nor be given in marriage in the resurrection, but at best shall be made equal to the angels. The Sadducees, however, must have felt the force of the Master's rebuke in being told that they were in error "not knowing the scriptures and the power of God," for they prided themselves on their learning and superior qualities of understanding. Nevertheless, the proof was marvellous, for had they opened their hearts to the spirit of Scripture, had they considered with honest desire to comprehend the words of the Lord who spoke to them, whose utterances were the words of the Father, the highest and most sacred order, they would have been able to distinguish between ceremonies pertaining to the living only under the regulations of human law, and ordinances administered by the authority of God for both time and eternity.

Sacred rites that pertain both to the period of mortal life and to that beyond must be solemnized on earth. Compliance with the laws and ordinances of the Gospel, and the acceptance of the individual test for which the world was prepared as the abode of man—to prove them herewith, to see if they will do all things whatsoever the Lord their God shall command them. (Pearl of Great Price.)

Thus, in the case of the initiatory ordinance, baptism, it is essential that the candidate be baptized in the flesh; for Scripture nowhere allows that he and after the resurrection men shall be baptized in water for the remission of sins done in mortality. And so it is with respect to marriage.

True, as we have heretofore seen, the merciful economy of God makes possi-

POULTRY MEN WELL COMPENSATED WITH EGGS AT 70 CENTS

Modern Methods of Feeding and Housing Getting Good Results From Practical Chicken Men.

Roseburg, Jan. 10.—One million hens are producing 70-cent eggs in Oregon. This is the information given out by G. W. Burt, secretary of the Oregon Poultry Producers' association for Douglas county. Since the price of eggs reached the highest figure known to the producer in Oregon, and with indications for them going even to \$1 before they get cheaper, it is the opinion of some of the largest producers that eggs will not go over \$1 in Oregon. It does not stand to reason that people will pay more than that—and even 80-cent eggs are all that they should stand according to the growers. There is good money in producing eggs at the prevailing prices now—even with feed almost prohibitive, if the producer has studied his birds and uses the proper kind of feed.

POULTRY NOTES

The first dairy-poultry show held in England since the beginning of the war has just ended, and the London Poultry World reports the show was proof the war had not destroyed the poultry industry in England, nor had it quenched the "indomitable spirit of our breeders." In the case of most of the breeds shown the standard of merit is reported to have been as high as in pre-war shows. The World reports the Rhode Island Red classes were the wonder of the show.

J. H. Stubbs of the Stubbs Poultry ranch and hatchery of Palo Alto reports the revival of the poultry business as being so marked that he has enlarged his plant, adding one building 30x90 feet in size, for 60 640-size incubators. This gives the plant a total egg capacity of 64,000. Stubbs says he has 22,000 eggs in incubators now.

Feeding a scratching grain morning and night in deep litter, together with dry mash kept before the birds all the time in hoppers, is a good practice. Special attention should be called to the importance of feeding early and late in order to shorten the long rest period during the night. Some feeders at midday give a small amount of moist mash, which is conducive to a greater mash consumption desirable for increasing egg production.

Inland Empire Booming

Spokane, Wash., Jan. 5.—"The agricultural outlook in the Inland Empire for the coming year is full of encouragement to the student of progress," today said C. E. Arney, assistant supervisor of agriculture of the Northwest for the Northern Pacific Railway company. "A survey of the agricultural areas in Eastern Washington and Northern Idaho suggests to the informed that we have passed the initial stage of development. This means that the third or fourth relay of farmers is with us and this is the group which sticks and makes a success."



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Lunn Resumes Old Position in Poultry Husbandry at O. A. C.

Professor Alfred G. Lunn, first graduate of poultry husbandry at the Oregon Agricultural college, and former instructor, has been appointed associate professor of poultry husbandry and will assume charge of instruction and extension work January 1. Professor Lunn left the college four years ago to go into poultry extension in Massachusetts, and later went from that state to British Columbia, where he founded a department of poultry husbandry. He is thoroughly familiar with poultry conditions in Oregon and is expected to render valuable services to the farmer and other growers of poultry.

10,000 Leghorns Are Bought by Watterson

A record deal in live fowls for breeding purposes has recently been made by A. P. Watterson of The Dalles, who purchased 10,000 White Leghorns from the Butler poultry farm of Jennings Lodge, Mr. Watterson's poultry farm is now the biggest in the mid-Columbia district.

It is planned to sell the chickens at 8, 10 and 12 weeks of age, thus passing them on to the purchaser after they have got beyond the critical infant stage. The average yearly production of eggs from the stock is 219, with individual records reaching 240. Sires' records extend to 280 eggs a year.

Recipe for Killing Insects on Chickens

Examine the pullets and hens for lice, and dust thoroughly with a good insect powder or apply a mixture of two parts of vasoline and one part of mercuric blue ointment, about the size of a pea one inch below the vent of the bird, rubbing the mixture lightly on the skin. An application of this ointment two or three times a year will keep the fowls free from lice. Where insect powder is used, it should be applied three or four times a year, or oftener if the fowls become infested. Provide a small box in the house partly filled with dry road dust or fine dirt in which the hens may dust, thus helping to keep themselves free from lice.



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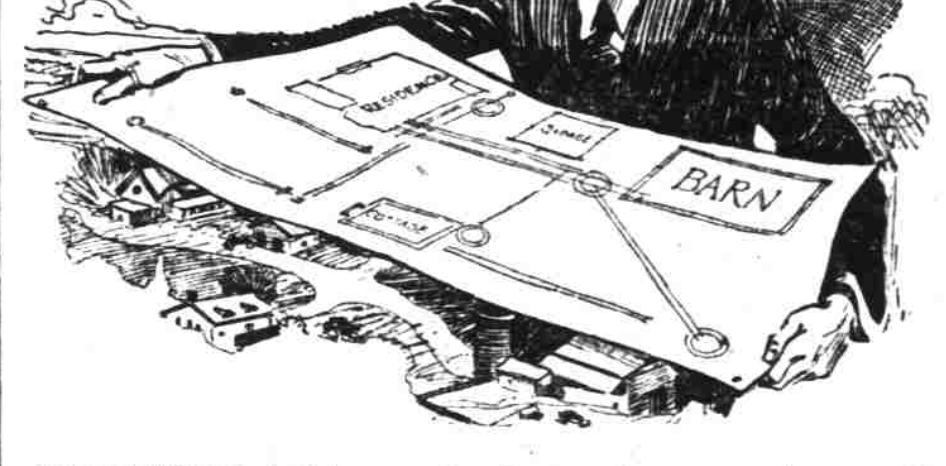
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Buyers Registered Cattle
Freewater, Jan. 10.—Howard Ransom, a rancher living near Freewater, returned home this week from Tillamook with 22 head of registered Jersey cattle which he purchased from the magnificent herd of P. W. Todd of that city. The cattle are of the well known blood of St. Mawes, St. Lambert and Le Creole and are all high producing grades.

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