

POULTRY AND EGGS

DUCKS IN HOT WEATHER.

Young Quacks Thrive During Months of July and August.

Late chickens are usually stunted by hot weather. But have the farm women tried raising summer ducks? Strange as it may seem, ducklings thrive best in hot weather, and it is during July and August that I hatched my large flocks of Buff ducks, writes an Oklahoma woman in the Kansas Farmer.

Ducklings are early and late foragers. It is no uncommon sight to see an old Biddy groping blindly around in the



Muscovy ducks are in great favor in Europe and are highly regarded for the table. They are the largest of all ducks, the standard weight of the drake being ten pounds and of the duck eight pounds. The duck pictured is a Muscovy.

dark and trying to follow her busy foragers. When the sun shines hot and water is available they enjoy best of all to dive into its cool depths after crawfish, frogs and water insects.

Some people may wonder where I get the eggs to hatch. This is very simple, as I raise the Buff ducks, which are all year layers, and I always have the best success hatching the eggs. I have heard women complain that their ducklings are too much. Upon being questioned they admit that they fed them at least half a dozen times a day and the ducklings just hung around the house waiting for more feed. Such management, indeed, would be profitless, but young ducks, like people, can be trained to be lazy or industrious. They are smart creatures and soon learn when to expect their meals. I always feed them early in the morning and late at night when the chickens are on the roosts.

During the day they are always off foraging among weeds and grass or in the water. Quite often they find so much that I feed them only enough to let them know they have not been forgotten. They certainly convert waste into meat. I know of nothing that grows to maturity more quickly than ducklings. I feed them all the tough lettuce leaves from the garden, as this is one thing that cannot be dried or canned, and young ducks like nothing better.

In the fall I find that my ducklings have grown to be ducks weighing from six to eight pounds each. It is needless to tell of the good prices I get for them on the market, of the feathers, fancy stock and eggs I sell, of the neat sum of money I have realized, which is nearly all clear profit.

GRAINS FOR POULTRY.

Value of the Various Cereals as Meat and Egg Producers.

There is more nutriment in white oats or white middlings than there is in the brown kinds. Damaged wheat or screenings full of cockle are dangerous foods, says the Farm Journal. Outmeal if fed too freely will cause a looseness of the bowels. Millet seed contains considerable flesh forming material. There is more bone and muscle food in barley than there is in wheat, but the fowls seem to prefer the latter. Bran is laxative and should be in the daily bill of fare for both old and young.

There is not the fattening property in white corn that there is in yellow. Wheat is the most complete grain, but must never be fed alone. Oats are a muscle food, while wheat makes feathers. Rye is a poor poultry food and not relished by fowls. Boiled rye will produce bowel disturbances. Broom corn seed is relished by fowls. The composition of corn is largely starch.

Wheat, oats, bran and middlings are egg foods. Corn furnishes heat and fat. It has been computed that in a hundred pounds of oats there are fifteen pounds of flesh forming material, six pounds of fat, forty-seven pounds of starch, two pounds of bone forming food and twenty pounds of husk or fiber. Barley is a grain hard to digest and should be fed only occasionally.

Limberneck of Fowls.

This disease is indicated by a partial loss of control of the muscles of the neck, a form of paralysis resulting from intestinal poisons, generally due to eating putrid animal matter or musty grain. A fowl cannot hold its head upright, but twists it around from side to side and staggers about drunkenly. The disease is not contagious, though very often it is stubborn to cure. Determine cause of condition and treat accordingly. Give the bird a purgative, epsom salts or castor oil.

ONE WAY TO WOO SLEEP.

Travel in Memory Some Road You Knew Well in Childhood.

It is hard for me to remember now that my knowledge of the sleepy road, gained so many years ago, came only through the chance bit of advice dropped by a wise, kind, weary old doctor as he shuffled at midnight down the corridor of the silent hospital, says the Atlantic Monthly.

Whatever was the errand of life or death that had called him in such haste, he had time to stop and give me a friendly word, although I, a small and incorrigibly sleepless patient, was sitting bolt upright among the pillows in defiance of all his orders and was staring wide eyed into the hot, pain haunted dark.

"You think you are never going to be able to sleep again, don't you?" he observed. "Well, shut your eyes and do just what I tell you. Think of some road that you know well, a good long road that winds and turns and shows you water and woods and hills. Keep your eyes tight shut and travel along it in memory. Go as slowly as you can, recall every sight and sound and perfume as you pass by."

"I have such a road of my own, the one I used to walk to school when I was eight years old. I have started out on it a hundred times when I thought I could not sleep, but I never get very far. I come just about to the old stone bridge over Damon's creek or perhaps to the swimming hole, where the willows dip into the brown water, but I never reach the end."

Presidential Golf.

At the Columbia Country club links at Washington during one of the tensest days of the crisis with Germany President Wilson came up to drive from one of the most difficult tees. Two members of the club stood aside to let the president "go through." That's a way they have at Washington. Mr. Wilson drove, and his ball shot off into precisely the place where he didn't want it to go. Experiences of that sort come even to chief magistrates; golf is no respecter of persons. The president turned to the two and remarked, "You see even out here I can't keep out of trouble."—Argonaut.

Homely Philosophy.

No hustler wants time to wait for him. He's on time to meet time when the train rolls into the station. Trouble likes company, in order to exercise his voice in telling how it happened. We'll all need rest when we get where rest is, and the good thing about it is there'll be room enough for all.—Atlanta Constitution.

First Principles.

"Do you think that new recruit will ever learn to be a soldier?" asked the commanding officer. "Well, he's acquiring the foundations," responded the drill sergeant. "He had not been in camp a day before he was putting up a howl about the food."—Richmond Times-Dispatch.

Taking Steps.

Redd—He's taking steps to reduce his flesh. Greené—What steps is he taking? "What do you mean—what steps? He's walking."—Yonkers Statesman.

Old Fashioned.

"He's very old fashioned." "That so?" "Yes. He still shines his own shoes and spits on the dauber when he does it."—Detroit Free Press.

The man who is always trying to save himself trouble is likely to save a lot more than he can take care of.—Youth's Companion.

POULTRY TALK.

This is the time to be preparing the winter quarters for the reception of your fowls.

Open sheds and limbs of trees are not suitable places for chickens when the cold blasts of winter come.

It pays to have warm houses for your laying hens. They will lay enough eggs to pay for the extra expense of keeping them warm.

Before you place your hens in their winter quarters see to it that the house is perfectly clear from lice and mites.

See that the hens are clean when you put them in a clean house. Give them a fair start toward the egg laying period.

DAIRY WISDOM.

The cream from different breeds of cows does not churn alike.

There are more good cows in this country today than at any previous period, but there is still room for improvement.

Health and wealth in stables with pure air everywhere.

The calves will begin to eat bright clover hay at two weeks of age.

Interest in the milk goat persists, and this novel dairy animal is growing in favor.

SWINE ON PASTURE.

Hogs Require Some Grain to Make Economical Gains.

Hogs on pasture require grain for greatest profits in pork production, but a full feed is not economical when pasture is plentiful and grain high priced. When corn alone is fed a limited ration is considerably cheaper because the forage crop takes the place of much of the grain.

Hogs fed all the grain they would eat made more rapid but less economical gains in feeding tests at the Ohio Agricultural Experiment station. They can be marketed sooner, however, which often is an advantage to farmers.

Some protein feed, such as tankage or skim milk, is recommended to be fed in small quantity along with corn and pasture to pigs weighing less than 100 pounds. Pork production is usually too expensive when such feeds are given to large hogs, especially if they are on such pasture as alfalfa, clover, rape or soy beans, all of which are high in protein.

True in Every Language.

Tennyson once attended a dinner where G. L. Craik proposed "The Ladies." In doing so he recalled the cynical advice given by a brother Scot to his children: "Take any advice and dinna marry for siller. You can borrow cheaper."

Some time later Tennyson at his own table repeated Mr. Craik's story, but expressed the idea without attempting dialect. His son, Hallam, remarked, "Surely, father, Craik did not use those words."

"No, he did not; but, then, Craik is a Scotchman, and I am afraid to venture on repeating him exactly. However, it's almost as good in English as in Scotch, and it's tremendously true in both."

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REWARD

\$500.00 Reward for information leading to the arrest and conviction of person or persons who murdered Joseph Strack at or near his cabin, 2 miles northeast of Sandy on the night of December 17th, 1916.

W. F. Strack.

IN THE COUNTY COURT OF THE STATE OF OREGON FOR THE COUNTY OF CLACKAMAS.

In the matter of the estate of Michael McCormick, Deceased. Notice for hearing Final Account.

NOTICE IS HEREBY GIVEN that the undersigned, as the administrator of the Estate of Michael McCormick, Deceased, has filed his final account in the County Court of the State of Oregon, for Clackamas County, and that on Saturday the 28th day of July, 1917, at the hour of 9:30 o'clock, in the forenoon of the said day has been fixed as the time, and the Court Room of the County Court of Clackamas County, State of Oregon, in Oregon City, Oregon, has been fixed for the place for the hearing of objections to said Final Account, and settling and allowing the same.

M. A. DEATON, Admr. J. HENNESSY MURPHY, Attorney for Administrator. Date of first publication, June 28 1917. Date of last publication, July 2 6th, 1917.

Poor roads are very expensive things for country communities. The farmer who thinks that improved highways are mainly for the benefit of those who drive automobiles should reflect on the result of a recent investigation by the Department of Agriculture, which finds that the cost of hauling farm produce over ordinary country roads is 23 cents a ton, whereas over hard-surfaced roads it is only 13 cents. —Fact and Comment in Youth's Companion, May 10, 1917.

Testing a Hat.

Put on your hat and all outdoor regalia, says the London Chronicle, and then go where you can stand between a strong light and a bare wall. Notice your silhouette and note the proportions and symmetry. If these are not artistic or satisfactory throw away the hat and buy another.

Well Worn Question.

If a mother were to paint a green ring around her nose and dye her hair blue the first words of the husband and children on coming home would still be, "Is dinner ready?"—New York Sun.

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