

POULTRY NOTES
BY
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RIVERSIDE, ILL.
CORRESPONDENCE SOLICITED

A PHILOSOPHER FLOORED.
I knew a man in I-Told-U-So
Who thought he knew it all.
He feared to walk too near the rim
For fear the world would fall.

He discoursed on the universe
And on original sin;
There wasn't much of sky or earth
That he did not butt in.

One day I met him on the street.
He looked so wondrous wise,
I thought the hour very sweet
For me to catechize.

"Wise friend," said I, "will you tell me
In the wiseness of the when
Which the other did precede,
Egg, rooster or the hen?"

He stared long into vacancy
And then replied to me,
"Will you just wait until I see
My Moral Philosophy?"

THE FIRST CHICKENS.

A great mystery! What? Not a \$1,000,000 robbery nor a Guinness matrimonial graveyard, but how the first of the chicken tribe got away over into India's deep tiger den jungles when they were created in the garden of Eden, on the plain of Iran, in Asia Minor.

Now, there were the three sons of Noah—Ham, the black; Shem, the yellow, and Japheth, the white. When they parted, Shem going east, Japheth north and west and Ham, the black man, going to Africa, you would have thought Ham would have got away with the chickens. Perhaps Ham liked pork better, or maybe Shem bagged them first.

Anyhow, when Mr. Darwin went on his expedition to prove that man is a souvenir of the monkey tribe he dis-



JUNGLE FOWL.

covered the progenitors of the chicken family way over among the palms and alligators of the Ganges, and the pretty bird was called "gallus bankiva" or Jungle fowl.

Hindoo do not eat chicken, and the fowls were allowed to multiply until the forests were full of the beautiful orange colored birds, and as they flashed from tree to tree and proudly strutted among the ferns and palms and magnolias their golden glow made more beautiful the sylvan scene.

But white hunters on elephants, while tiger hunting, shot them down, the natives drove them into horsehair snares, and Mr. Hagenbeck, the great animal trainer, caught them for curiosities and shipped them by thousands all over the world, so today they are a rare bird.

They are smaller than our chickens. The hens are chestnut brown and just like our Biddies except they have feathered throats. They lay from six to twelve eggs a year, thus you may see the wonderful development of your birds not only in size, but in laying ability.

The cocks have bright golden orange hackles, blue brown backs, rich chestnut saddle feathers, steel blue wing feathers with reddish yellow edge; breast and under parts dead black and graceful tails of black, rich green and metallic blue.

Yes, we call our fowls ideal in shape and color, but few of them equal this magnificently adorned aboriginal cock of the jungle glides as he flashes to the top of a flowering tree and greets the rising sun.

DON'TS.

Don't feed heavy in the heat, but keep the water pure and sweet.
Don't forget that ducks have no crops. If you stuff with grain you'll have no crop of ducks.

Don't get dissatisfied with your breed every time you read of another. If yours is not a success, you ditto.
Don't cross big breeds with small. It causes rupture, crooked back and cross-patches.

Don't throw fresh droppings right out where chicks can scratch in them. Not nice. Get it.

Don't have stambuling blocks about for ducklings to fall over. Don't be a stambuling block to others.

Don't study the drug business to become proficient in removing color defects nor surgery to become an expert in trimming combs.

Don't refuse an answer to a dissatisfied customer. A dovetail explanation may clear the sky, but a dogged silence may prove you lie.

INJURE THE MILK.

Use of Rusty or Poorly Tinned Cans Produce Off Flavors.

"Rusty Cans and Their Effect Upon Milk For Cheesemaking" is the title of a recent bulletin of the Wisconsin experiment station prepared by George A. Olson, assistant chemist. Experiments made by Mr. Olson show that milk heated in poorly tinned or rusty cans is materially injured for cheesemaking. "The cheese factory operator should not hesitate to refuse milk which is heated in poorly tinned or rusty cans," writes Mr. Olson, "for, in

addition to the retarding influence of the iron on the rennet action and the neutralization of the acid by the iron, there are also produced taints or off flavors."

The milk cans used to haul milk to the cheese factory are often of a cheap grade and are dented the first or second time that they are used, with a result that the tin cracks and the iron is exposed and rusts. At one factory a can was found that had been used for thirteen years and had been soldered forty times, with lead patches two inches in diameter in some places. Milk kept in such cans would take forty minutes longer to coagulate than that kept in good cans.

In these experiments milk was placed in rusty tin cans and allowed to stand for different periods, while other samples of the same milk were kept in glass beakers. Every time that this experiment was repeated the milk kept in the rusty cans gave evidence of a retarding influence on the rennet action as compared with the milk kept in the glass beaker. Milk which was allowed to stand in iron utensils for several hours had a peculiar bluish gray color, indicating the presence of iron in solution. It was evident that the acid in the milk acted upon the iron and dissolved some of it. The maximum quantity of iron dissolved in the milk ranged from one to one and a half pounds for every thousand pounds of milk. This iron in solution at least partly causes the retarding influence of the rennet action, since it increases the solids in the milk.

Oats For Calves.

The great business of the growing calf is to make muscle. This muscle is what gives plumpness to a thrifty calf.

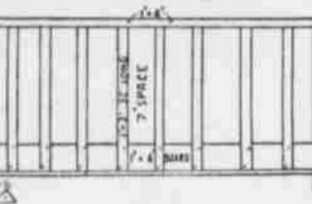
For this purpose a food is needed which is especially rich in muscle forming material. Grass is not. For this nothing can be found that is better than oats. Not only are they rich in the material desired, but that richness is not so concentrated as to make them a dangerous food. They are neither heating nor fattening in their nature, but tend instead to build up muscle and give the animal strength and vigor.

In the spring, before the pastures are ready to turn on to, is the time that the calves will need this addition to their feed. If at any time they are allowed to grow thin in flesh it will take a long time of good feeding and careful attention to bring them again into a thrifty condition.—Gilbert Allen.

POINTS FOR THE SHEPHERD.

Joseph E. Wing, in giving a plan for a feed rack for sheep in the Breeder's Gazette, Chicago, says: We build a sort of very simple feed rack in which we feed either silage, grain or hay—in fact, usually all three together at one time. The main thing, we find, in a feed rack is to have it so made that the sheep or lamb can readily thrust its head clear in and hold it there while it eats.

The spaces should not be so open that small sheep or large lambs can get in with their feet. The type of rack here illustrated is adapted to the use of mature sheep and lambs past five months old. It is substantially a flat bottomed feed trough twenty-four



FEED RACK FOR SHEEP.

inches wide, with a tight bottom, a hayrack above and attached to it. It is easily and cheaply built, and we find it effective. If the ewes have little lambs at their sides a different rack is advisable. One with slats closer together is best.

Management of Sheep.
It is important that sheep shall be so managed that the most may be made out of the fleece. The influences that affect the fleece mainly are those of climate, of food and care, of breeding and of age. The first and last influence wool less than the second and third. Food affects the character of wool by breeding it and thereby increasing its growth in length and also in strength.

Breeding, however, accompanied by selection, is the great factor in determining what the degree of fineness or of coarseness will be. Change in this respect is brought about much more rapidly by breeding than in any other way. Protecting the wool from contamination by foreign substances, such as straw and chaff, is greatly important. Where the flock is large the difference of a portion of a cent a pound may make a large difference in the aggregate return received for it.

A little care in protecting wool may result in a rich return in proportion to the care expended.

The Care of Lambs.

Henry L. Wardell, a prosperous sheep man, says of the care of lambs: The lambs when weaned should be put on fresh ground—that is, pastures or aftermath which has not been used much for sheep that year. In fact, a good secret of success with sheep is a frequent change of pasture, and I should rather change to a poorer pasture for a while than make no change. The lambs then are let run in the daytime on the best pasture we have and at night are huddled on as much (no more) of rape as they will clean up close to the ground. I need not say this ground on which lambs have been huddled will raise magnificent crops without additional fertilizer.

During July and August I use some good worm powders to mix with the salt given the flock, and if any of my lambs show indications of worms in the head or giddiness I dose them with tonic. The same may be done if on too rank feed they are inclined to scour. I have found also that for worms in the head to shut them in a tight box stall or other tight inclosure and spray them generously with creosol is the best remedy I have thus far used.

Hitching Four Horses Aboard.
The illustration shows how we drive



four horses with a pair of common check lines, writes a farmer in the Breeder's Gazette, Chicago. This arrangement will work equally as well with three, four, five or six horses. The adjustable straps should have snap on each end and a buckle in the middle. I use four horses at most of my farm work, and they are as easily driven as two.

Drying Lambs After Dipping.
I choose the fore part of a warm pleasant day as soon as convenient after my sheep are shorn and dip the whole flock, says a New York breeder. If the flock is a recently purchased one containing parasites, a second dipping ten days later is advisable. If the sheep are properly shorn with a machine, they will remain few. If any ticks on them after dipping, lambs usually harbor most ticks. If the lamb is dipped and the mother not, it puzzles the mother to distinguish her own lamb. She is liable to disown it. I prefer the liquid dips to the powdered form and use them at the rate of one gallon in seventy gallons of water. This will destroy ticks or lice, but for scab I would use a stronger solution.

"DON'T BELIEVE IT!"
"You don't?" "No! I don't believe any one would be foolish enough to pay \$7,500, the price of three automobiles, for five chickens."

That's what a whole lot said, but money talks. We have read the correspondence in the deal and Mr. Kellerstrass tells us through the Reliable that Mme. Paderewski gave him a \$5,000 United States gold certificate, two United States \$1,000 bills and one \$500 bill for a rooster and four hens.

The former highest prices in the United States were \$3,400 for sixteen rose comb Black Minorcas which were sold to Henry Shultz von Schultzenstein of Berlin, an Orpington cock bird for \$700 and a White Plymouth Rock cockerel for \$800. It is quite a compliment to American fanciers that the madame should pass England, where the Orpington originated, and buy her birds in this country.

The highest price ever paid in England for a fowl was \$1,000 for a Brown Red. The names of the \$7,500 birds are Crystal King, Jr., Lady Helen, Olga, Cristina and Victoria.

These names seem quite appropriate to the other side. While Mr. Paderewski dotes on pigs and purchases his hogs from John Ball, the madame is a great poultry enthusiast.

Immediately on their arrival at Lausanne, Switzerland, she entered them at a poultry show and won all the prizes.

She has made the world rubber at the price she paid, and her American birds will make the old world cockdoodles sit up and take notice when they sweep up the prizes.

FEATHERS AND EGGSHELLS.

A young lady in New York is paying her bills with eggshells. During three winter months she sold \$123.75 worth of eggs. And now, young poultryman, hustle for New York, for she's the girl for you—if you're her ideal.

And now we are hearing again about those August hatched chickens making the best layers. Yes, frost does come right after August, and frost brings rump, and rump does lay 'em out.

Cockfighting is unknown in Russia, but the Aramas and Jola varieties of geese have been brought to fight. Wonder if the Russian were ever matched with the Japanese?

An extra good coxer in a pigeon loft will sometimes split a family and elope with its affinity. Now, if you can just succeed in mating the deserted partners you will save the expenses of divorce proceedings.

Our good housewives who take a whole day to pick a duck and swear (figuratively) that they will never do so again hold their breath to hear that some experts can clean the feathers of eighty in a day.

The main reason why there is so much trouble in undressing ducks dry is because they are allowed to get cold. Start to pick before the blood stops and the feathers set, and keep cool yourself if it's a hot day. Use duck feather fan.

For market, keep feet and bend from water, as it will change their color. Blankets are not needed and make sickly looking birds.

In the English egg shows the following qualities are considered: Freshness, size, texture and cleanliness of shell, uniformity of size, color and shape. Double yolk, tinted, dyed, polished and rotten eggs are fired.

Young stock is your dependence for market and eggs. Feed well, and for you and their sake don't crowd.

"What is a square deal?" is discussed in one of the poultry journals. Well, what is a square deal, anyhow? Just explain this for us to the fellow who wants something for nothing or sells you nothing for something. We have times. A customer wrote on May 23: "I thought I would write and tell you how many chickens we got out of the two settings of eggs. We got thirty-three out of thirty-four, but the hens stepped on three and killed them." Give us a deal like that when we buy from you. That's all.

Continuous Creeping.

It has been observed by E. Fraser of New York that mangels and sugar beets grown continuously on the same land for four years were much more susceptible to leaf spot than when grown in a rotation with other crops.

Foley's Kidney Remedy will cure any case of kidney or bladder trouble that is not beyond the reach of medicine. No medicine can do more. Stairin Drug Co., M. L. Thompson, Falls City.

Porcupines are becoming a pest in orchards near Madras.

She Likes Good Things.

Mrs. Chas. E. Smith, of West Franklin, Maine, says: "I like good things and have adopted Dr. King's New Life Pills as our family laxative medicine, because they are good and do their work without making a fuss about it." These painless purifiers sold at Belt & Cherrington's drug store. 25c

A Malheur county man claims he can make \$100 an acre off his alfalfa.

For Sore Feet.

"I have found Bucklen's Arnica Salve to be the proper thing to use for sore feet, as well as for healing burns, sores, cuts, and all manner of abrasions," writes Mr. W. Stone, of East Poland, Maine. It is the proper thing too for piles. Try it! Sold under guarantee at Belt & Cherrington's drug store. 25c

A Washington county man has 50 acres planted to walnuts and will plant more.

No one is immune from kidney trouble, so just remember that Foley's Kidney Remedy will stop the irregularities and cure any case of kidney or bladder trouble that is not beyond the reach of medicine. Stairin Drug Co., M. L. Thompson, Falls City.

Alexander McRae, of Athena, worked nine years on a harvester combine, which is proving a success.

How to Avoid Appendicitis

Most victims of appendicitis are those who are habitually constipated. Foley's Orino Laxative cures chronic constipation by stimulating the liver and bowels and restores the natural action of the bowels. Foley's Orino Laxative does not nauseate or gripe and is mild and pleasant to take. Refuse substitutes. Stairin Drug Co., M. L. Thompson, Falls City.

Some of the Tillamook county dairymen's barns are not large enough to hold the bumper hay crop.

A Boon to Elderly People

Most elderly people have some kidney and bladder trouble that is both painful and dangerous. Foley's Kidney Remedy has proven a boon to many elderly people as it stimulates the urinary organs, corrects irregularities and tones up the whole system. Commence taking Foley's Kidney Remedy at once and be vigorous. Stairin Drug Co., M. L. Thompson, Falls City.

Someone carelessly threw away a lighted cigar or match, and 400 cords of wood were burned at Odell.

Attention, Asthma Sufferers!

Foley's Honey and Tar will give immediate relief to asthma sufferers and has cured many cases that had refused to yield to other treatment. Foley's Honey and Tar is the best remedy for coughs, colds and all throat and lung troubles. Contains no harmful drugs. Stairin Drug Co., M. L. Thompson, Falls City.

At a depth of 150 feet the Madras Oil & Gas company struck a vein of good looking coal in the hole which they were sinking.

Why James Lee Got Well.

Everybody in Zanesville, O., knows Mrs. Mary Lee, of rural route 8. She writes: "My husband, James Lee, finally believes he owes his life to the use of Dr. King's New Discovery. His lungs were so severely affected that consumption seemed inevitable, when a friend recommended New Discovery. We tried it, and its use has restored him to perfect health." Dr. King's New Discovery is the King of throat and lung troubles. For coughs and colds it has no equal. The first dose gives relief. Try it! Sold under guarantee at Belt & Cherrington's drug store. 50c and \$1.00. Trial bottle free.

A man near Silver Lake has an artesian well that yields water enough to irrigate his 320-acre farm and leave a surplus for his neighbors.

Excellent Health Advice.

Mrs. M. M. Davison, of 379 Gifford Ave., San Jose, Cal., says: "The worth of Electric Bitters is a general remedy for headache, biliousness and torpor of the liver and bowels is so pronounced that I am prompted to say a word in its favor, for the benefit of those seeking relief from such ailments. There is more health for the digestive organs in a bottle of Electric Bitters than in any other remedy I know of." Sold under guarantee at Belt & Cherrington's drug store. 50c.

C. A. Rhea, a Heppner banker, says that Morrow county will produce only about 500,000 bushels of wheat, one-fifth of last year's crop. But farmers are nearly all out of debt.

Cured Hay Fever and Summer Cold

A. F. Noshbaum, Batesville, Indiana, writes: "Last year I suffered for three months with a summer cold so distressing that it interfered with my business. I had many of the symptoms of hay fever, and a doctor's prescription did not reach my case, and I took several medicines which evened only to aggravate it. Fortunately I insisted upon having Foley's Honey and Tar. It quickly cured me. My wife has since used Foley's Honey and Tar with the same success." Stairin Drug Co., M. L. Thompson, Falls City.

DON'TS.

Don't pack the brooder lamps away. Thunderstorms chill chicks and poulters. Don't fail to take a poultry course. They are low in price, but high in culture.

Don't think that home gas will sell your young stock. One gas plant in town is enough. Advertise to materialize profits.

Don't forget that "charity covers a multitude of sins." Criticism of another is condemnation of a brother. Therefore be silent if you can say nothing good, for all may not be well understood.

Don't waste time hatching theory bubbles nor lie awake to count your troubles.

Don't differ with every man you meet nor accept and try every new-fangled notion.

Don't take your homestead far from home for their first try. They'll stay by the way.

The Publisher's Claims Sustained

UNITED STATES COURT OF CLAIMS
The Publishers of Webster's International Dictionary allege that it is, in fact, the popular unabridged thoroughly revised in every detail, and vastly improved in every part, with the purpose of adapting it to meet the larger and severer requirements of another generation.

We are of the opinion that this allegation most clearly and accurately describes the work that has been accomplished and the result that has been reached. The Dictionary, as it now stands, has been thoroughly revised in every detail, has been corrected in every part, and is admirably adapted to meet the larger and severer requirements of another generation which demands more of popular philological knowledge than any generation that the world has ever known.

It is perhaps needless to add that we refer to the dictionary in our judicial work as of the highest authority in accuracy of definition; and that in the future as in the past it will be the source of constant reference.

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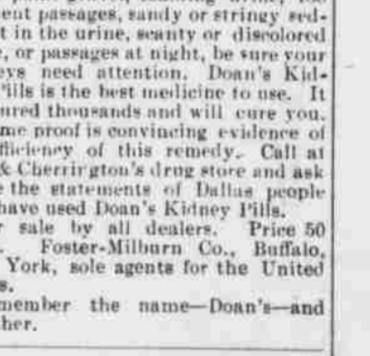
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