

**POULTRY AND GAME**

Can you fancy prices for Wild Ducks and other game in season. Write us for cash offer on all kinds of poultry, pork, etc.

**Pearson-Page Co., Portland**

**Evidence.**  
"Do you really believe, doctor, that your old medicines really keep anybody alive?" asked the skeptic. "Surely," returned the doctor. "My prescriptions have kept three druggists and their families alive in this town for twenty years."—Harper's Weekly.

**Squirrels' Instinctive Gift.**  
Squirrels, it is said, know how to judge distances accurately, for they seldom jump two distances alike, yet never fall to land safely when an inch too far or too short would mean disaster. And dogs run along beside horses' heels, judging accurately the safe distance, and are seldom, if ever, injured.

**Willing to Do Anything.**  
A little girl, now a famous artist, long ago was caught using her crayons on Sunday. As the forbidden joys were taken from her she sobbed out: "Mamma, do let me have them. I'll draw a church an'—a—a—graveyard if you will!"

**Pettitts HELPS RED EYE SORE SALVE**  
Not Saying Much.  
A celebrated woman lawyer says women are just as honest as some men, but perhaps that isn't saying very much.—Grand Rapids Press.

**What Would Newspapers Do?**  
If it were not for our mistakes, life would be pretty monotonous.—Judge.

**POULTRY**

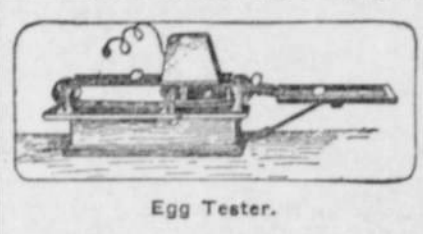


**DAYLIGHT TESTER FOR EGGS**

Michigan Man Has Invention That Will Prove Innovation in Poultry and Produce Business.

An electric daylight egg tester has been invented by Mr. S. J. Fish of Jackson, Mich., which will be an innovation in the poultry and produce business, for it is far ahead of candlelight in a dark room, says the Popular Electricity.

Electric No. 2, as it is called, is about 3 feet in length and contains a belt, with small metal trays about 6 inches apart for holding the eggs, which is run over rollers at each end of the case by the aid of a crank. This machine is equipped with an electric lamp and a cord attachable to any electric light socket.



Egg Tester.

The egg is under examination; a perfect one is a clear deep orange color, while a bad one is black; the eggs turn automatically on the belt, enabling the tester to examine from all sides. The good eggs are allowed to roll out on a canvas table, which is done without danger of breakage, while the operator discards the ones which are spoiled.

When the ordinary lighting current cannot be secured, the machine is equipped with 24 dry batteries in multiple series, which furnish current for low voltage electric lamps.

An expert and two helpers can test about 80 cases per day with absolutely no danger from fire. Eggs are tested in a daylight room, and with great rapidity.

**PROPER FEEDS FOR POULTRY**

Best Rule is to Watch Fowls and Give Them What They Will Clean Up—Milk is Excellent.

Generally speaking, the poultryman need not worry much about feeding formulas. If he will feed about one-third as much corn as all other grains and feed animal and vegetable feeds in connection he will get fairly satisfactory results. Those who are accustomed to compounding rations might remember that a ratio of about 1.5 is considered a good ration for laying hens and 1.6 a good one for fattening poultry of all kinds.

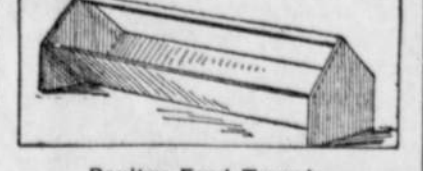
Fowls require the equivalent of about 27 pounds of dry feed for each 500 pounds of live weight. That is, 100 hens weighing 5 pounds each would require about 27 pounds of dry matter each day. If they are given milk, green, or other wet or juicy feeds, they will require less grain. About 4 ounces of dry matter per day is the quantity required for best results.

The very best rule is to watch the fowls and feed them about all they will eat. It is not a good plan to allow feed to lie uneaten. There is no danger of the hens becoming too fat as long as they are kept busy scratching for their feed. It is the fat hen that lays the eggs regularly.

**GOOD POULTRY FEED TROUGH**

Useful for All Kinds of Poultry and So Self-Explanatory That No Description is Necessary.

The accompanying illustration, which shows a feeding trough very useful for all kinds of poultry, is so plainly self-explanatory that no description is necessary, says the Iowa Homestead. By the use of this trough

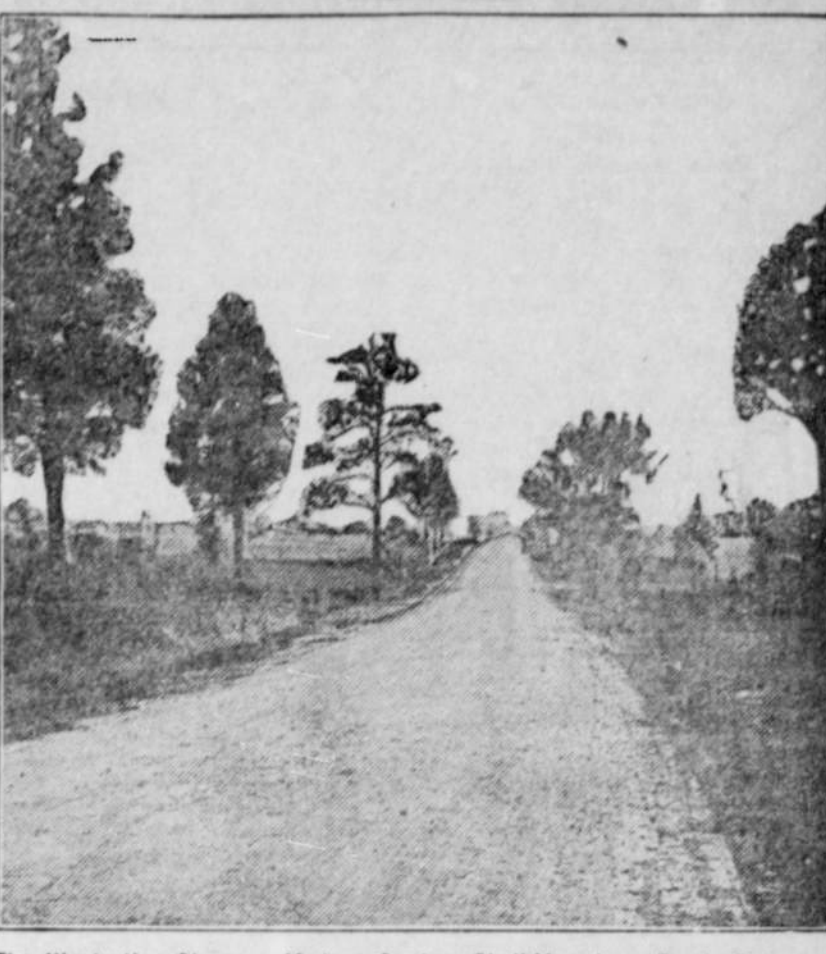


no food can be wasted nor can the fowls get into the trough with their feet and thus soil it or impair the feeding value of the food.

**Green Food for Winter.**  
Sprouted oats, cabbage and brittle, well-kept turnips furnish the best green poultry food for winter. Alfalfa or clover leaves or sweepings from the big barn floor, if scalded up and fed clear or with a little ground feed, will largely take the place of green food and in a way is better than all other green stuff without it.

**Cleaning Poultry House.**  
In cleaning out an old hen house nothing is better than to wash down the walls with strong carbolic acid water, using an old broom. Then whitewash

**MODERN OYSTER SHELL-MACADAM ROAD**



The Illustration Shows a Modern Oyster Shell-Macadam Road Between East Newmarket and Mt. Holly in the State of Maryland.

**GOOD ROADS**



**LITTLE ROAD WORK IN FALL**

Only Aim Should Be to Keep Them Hard and Well Drained—Cut Out All Weeds and Grass.

To those who are about to work up the highways, as is often done in some counties of the state in the fall, we would say, "Don't!"

Autumn is a beautiful season, but when we see a force of men "working" a new section of road and plowing up the old road-bed late in the fall, it makes us think that the melancholy days have come, the saddest of the year. There is an element of this sort that lingers all winter over such a section of road. It is bound to be cut full of deep ruts in mild weather, and rougher than the rocky road to Dublin when the ground is frozen.

The only aim in working roads at this time of the year should be to keep them hard and well drained, says the Wisconsin Agriculturist. No loose dirt, clods or vegetable matter such as weeds and grass seeds should be left on the road-bed. Sod and weeds make humus, and however much we desire a supply a humus in cultivated soils, it is a mighty poor road building material.

Clay roads should be packed and smoothed with the road drag, and not loosened up at any time of the year, much less just before winter sets in. Muddy and sandy tracts may be graveled or macadamized. Tile drains and culverts are seen to be in good condition for draining away the ditch water. But places can well be hard-surfaced or cut to proper levels or slopes. But to plow and scrape loose soft material up on to the roadway is not good highway engineering for November. It is better to leave fairly firm road surfaces as they are, than to fill in with unpacked material at this season of the year.

**Good Jersey Roads.**

The New Jersey legislature and state officials, aroused to their responsibility as producers of the best interests of their commonwealth, have voted millions of dollars to be used in constructing an ocean boulevard, to run the entire length of the coast. In a state already famous for its roads this will undoubtedly be the finest driveway in America and will be a superb addition to the already wonderful attractions of the Jersey coast. With the assistance of the United States government the state has also appropriated money for the dredging of an inland water way through the maze of bays, creeks and inlets from Bay Head to Cape May, which will make it possible for pleasure craft to ply between the resorts with absolute safety at all times.—National Magazine.

**Mud Hole is Costly.**

The ravages of the boll weevil in Texas are estimated at millions of dollars annually, but the mud hole has been a more costly foe to millions of dollars in trying to find a way of eradicating the boll weevil but we do not have to spend money to learn how to eradicate bad roads—build good ones.

The boll weevil in destroying cotton decreases production and consequently increases the price of the remaining products, but bad roads levy their deadly toll against the producer and destroy the value of the remaining roads.

**CUT OUT ROAD CONTRACTOR**

Nothing More Than Figureheads and County Pays Them Big Profit for Their Bare Signatures.

(By ISAAC L. TOTTEN, in the Farm and Fireside.)

In this state (Indiana) we have what is termed "the three-mile gravel road" law. Under the provisions of this law fifty freeholders of a township may petition the county commissioner to establish and construct three miles of gravel road at any place within the bounds of that township, providing the road is to connect with a township-line road or another gravel road at either of its terminals; and the road may be established and built if the township is not already over-bonded, and if the bonds for the new road can be sold.

This is a very elastic law and permits of the dissipating of a very large amount of county money, because of the fact that the work is let to contractors.

Of course the construction work of the roads is let to the lowest bidders; but there are so many hooks and crooks—mostly crooks—in connection with the work, when placed in the hands of a contractor that the cost of constructing the roads is greatly in excess of the benefits.

After the county commissioners have established the road for which the fifty freeholders of the township have petitioned, they appoint a superintendent, whose duty is to see that the proper grade is made for the road, and also to see that the right kind of gravel is used and applied according to specifications.

The one who usually gets the job of being superintendent is some one to whom the commissioners owe political obligations, and in many instances he is not in the least competent to supervise the work.

I had an opportunity recently to observe how some of the road work was handled. I was one of the gravel haulers employed. The gravel—or what was supposed to be gravel—was hauled from cars, a distance of about a mile during the time I was working. This alleged gravel was obtained from the gravel pits belonging to the contractors. The superintendent, who was employed by the county to see that the contractors carried out the work according to specifications, engineered all of the work, with the exception of managing the teams and keeping the time. He did the contractors' work while the contractors loafed around the saloons in town making themselves good fellows with whoever they thought would play into their hands.

Although the superintendent was employed and paid by the county, he asked the contractors for compensation for the work he did of setting grade boards and helping level the gravel.

The contractors were nothing more than figureheads. The county was paying them a good, round profit merely for their signature on the contract; the county was doing the work for them, and not the contractors doing the work for the county. A pretty way to work!

Why cannot this kind of work be handled direct by the county, state or national government and so eliminate the contractors? It would save millions of dollars.

One contractor told of how the "big game" was worked when bids were placed on a certain piece of work. He said that the contractors usually got together and arranged their bids, and the one who wanted the job would give the others a bonus and have them put their bids in higher than his. Of course they were high enough to give him a chance to so place his bid as to bring in a sum large enough to pay the bonus and besides that a handsome profit for himself.

**The King Drag.**  
One might write a poorer eleventh commandment than this: "Remember the King drag to keep it handy."

**Machinery**

Second-Hand Machinery bought, sold and exchanged; engines, boilers, sawmills, etc. The J. E. Martin Co., 221 1st St., Portland. Send for Stock List and prices.

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**Bible Was Put Into Rhyme.**

Versifications, not only of the Psalms but of the other books of the Bible, were numerous in the sixteenth century. One of the most prolific versifiers was William Hunnia, who, under such fanciful titles as "Seven Sobs of a Sorrowful Soul for Sin," "A Handful of Honey-suckles," "A Hiveful of Honey," etc., published a number of rhyming versions of Genesis and Job, which are now worth their weight in gold to the bibliomaniac.

Mothers will find Mrs. Winslow's Soothing Syrup a best remedy to use for their children during the teething period.

**Musical Family.**

Stiggins—"Are there any musicians in your family?" Wiggins—"Rather! Why, my father is an adept at blowing his own horn, and mother is equally expert at harping on one string; man-in-law has to play second fiddle, and Aunt Tabitha leads a humdrum existence; grandpa gives a solo on his nasal organ every night, without the stops; uncle spends his time wetting his whistle; Harry is fond of his pipe, and Gerty is forever ringing the changes on her admirers."

Liquid blue is a weak solution. A roid it. Buy Red Cross Ball Blue, the blue that's all blue. Ask your grocer.

**Obsolete Garment.**

A New York firm of petticoat manufacturers failed with \$700,000 of liabilities recently, and given the explanation that women's skirts are so tight they have quit wearing petticoats. Did you know that?—Kansas City Star.

No thoughtful person uses liquid blue. It's a pinch of blue in a large bottle of water. Ask for Red Cross Ball Blue, the blue that's all blue.

**The Danger.**

"It may seem a trifling matter," says a writer in the Observer, "but I think that the man who wears his gloves seems to be smarter than the man who carries his gloves in his hands." Surely it is no trifling matter. One might meet the Observer writer any day, and then if one were carrying one's gloves instead of wearing them, what an outsider one would feel.—The Bystander.

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at mealtime for a few days. It does the work. All Druggists.

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ROMAN EYE BALMSAM For Infamed Eyelids  
Prepared by WRIGHT'S INDIAN VEGETABLE PILL CO. NEW YORK

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Many a child is called dull and stupid when the whole trouble is due to a lazy liver. We firmly believe your own doctor will tell you that an occasional dose of Ayer's Pills, sugar-coated, will do such children a great deal of good. Ask him. Made by the J. C. AYER CO., Lowell, Mass.