

## STOMACH TROUBLE

Mr. Marion Holcomb, of Nancy, Ky., says: "For quite a long while I suffered with stomach trouble. I would have pains and a heavy feeling after my meals, a most disagreeable taste in my mouth. If I ate anything with butter, oil or grease, I would spit it up. I began to have regular sick headache. I had used pills and tablets, but after a course of these, I would be constipated. It just seemed to tear my stomach all up. I found they were no good at all for my trouble. I heard

THE FORD'S

# BLACK-DRAUGHT

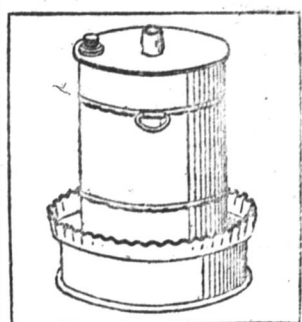
recommended very highly, so began to use it. It cured me. I keep it in the house all the time. It is the best liver medicine made. I do not have sick headache or stomach trouble any more." Black-Draught acts on the jaded liver and helps it to do its important work of throwing out waste materials and poisons from the system. This medicine should be in every household for use in time of need. Get a package today. If you feel sluggish, take a dose tonight. You will feel fresh tomorrow. Price 25c a package. All druggists.

ONE CENT A DOSE

## DRINKING CAN FOR CHICKENS

Water Fountain Shown in Illustration Designed to Prevent Fowls From Wasting Water.

It is not good for the fowls to get their wattles wet in drinking. It is good for them to have nice clear water when they are thirsty. To get water out in the open pan is bad for the poultry. Here is a drinking fountain that seems to answer the purpose.



Poultry Water Can.

all angles. A trough surrounding the can in which the water is kept has convolutions designed to keep the fowl's wattles from touching the water. If providing water for the pens has been a problem to you, perhaps you will find the solution here.—Farming Business.

## MAKING PROFIT WITH GESE

Much Depends on Kind of Fowls That Are Raised—Pleasant Pasturage Saves Feed Bills.

The profit made from geese depends on the kind of fowl that is raised. Common geese weigh ten to thirteen pounds. The goslings weigh from eight to ten pounds. The profit on one of these is from sixty cents to a dollar. Purebreds weigh from fifteen to twenty pounds, and goslings from thirteen to fifteen pounds apiece. It costs about ten cents a pound to raise them. Raising goslings is also ideal for farm women, as usually plenty of pasture is available; and a plentiful supply of pasture means small feed bills. The best feed to buy the greater the profit. The outlay need not be large, as the brooders can be sheltered in a cheap building. While it is cheaper to start with mongrels, they also bring smaller returns. Even if the initial outlay is greater it pays to start right; it is impossible to start with the purebred, do the best you can.

## RODENTS IN CHICKEN YARDS

There Should Be No Trouble in Getting Rid of Them by Using Sugar of Lead Poison.

Rats cause great losses in many poultry yards. But there should be no trouble in getting rid of them by poisoning with a mixture of two parts of sugar of lead and one part of lard. The hand should not come in contact with the poison feed, and all other feeds should be removed so the rats cannot get them. The poisoned feed may be kept away from the chickens by putting it in a tray, or a board at least a foot square and six inches high. The box should be closed on all sides except for a number of inch-and-a-half holes bored through the sides near the bottom. Burn or bury the dead rats so that chickens cannot eat them. The decayed flesh of even unpoisoned rats is likely to cause limber neck, as ptomaine poisoning is called in chickens.

## FEED ALFALFA TO CHICKENS

Fowls Relish It When Fresh and Growing—Plant Is Rich in Protein—Use Is Limited.

Chickens like alfalfa, but best of all, like it when it is fresh and growing. It is rich in protein and ash and is readily appreciated even if dried or cured. The greener it is the better they like it. Finely ground alfalfa meal is not so palatable as that freshly thrown down from the mow or taken from the center of the stack. When stemmed it makes an excellent food, but contains a great amount of dry matter which is indigestible. Therefore its use is limited. One feeding per day is sufficient. It can never constitute anything more than a relish for the birds. A good grain ration and dry mash ration are necessary in addition.

## ROOM FOR LITTLE CHICKENS

They Should Not Be Allowed to Crowd as This Will Overheat Them—Give Them Growth.

As the chicks grow older they need more coop room and should not be allowed to crowd as this will overheat them. But the late hatched chicks in clean coops and on clean ground, away from the fowl; and the older chicks so that the little fellows may have a good chance to grow.

## LOGGING TRUCKS MAKE ROAD

One Type of Car Used in Far West Has Proven a Tires of Ten Inches and Rear Ones of Twenty.

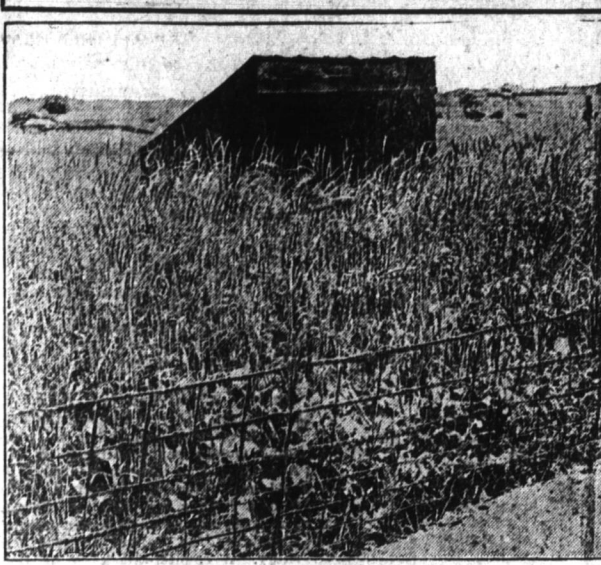
Powerful wide-tired trucks are now being used in logging regions in Oregon and Washington, which virtually make their own roads as they go. One type of these cars is described in Popular Mechanics Magazine. It has front tires 10 inches wide. An experienced driver carefully selects his course as he goes over a route for the first time and the weight of his machine makes a road as it moves along. A few trips over the same line of travel serves to make a hard, smooth surface which will withstand considerable bad weather. Four-wheeled trailers are often used with these trucks.

## GOOD ROADS ARE ATTRACTIVE

Thousands of Farmers Making Direct Profits by Catering to Passing Automobiles.

The use of the automobile by farmers has completely changed the rural attitude toward motoring, and tens of thousands of men are making direct profits by catering to the passing motorist. In order to attract him there must be a good road, and thus the impetus of rural conservation is lent to a surprising degree.

## RAPE MAKES EXCELLENT PASTURE FOR HOGS



AN ACRE OF RAPE AND RYE.

When sown in September, or earlier, an acre of this kind of pasture affords, on the average, grazing for six 100-pound fattening pigs from the middle of October to May, provided a half ration of grain is used as a supplement.

By C. B. WILLIAMS, Chief, Division of Agronomy, N. C. Experiment Station, West Raleigh.

The rape plant closely resembles the rutabaga during its early stages of growth; in fact, so close is this resemblance that often an experienced grower cannot distinguish between them. Its root system, however, is more like that of the cabbage. It likes cool weather and will grow during any portion of the year after severe freezing weather is passed. It will endure pretty severe cold weather in the fall and winter without being materially injured; in fact, it may be used for pasturage after being frozen, provided stock are kept off while it is frozen, or until the plants are thoroughly thawed during the hot, dry months of mid-summer. Under ordinary conditions the plants will attain a height of 18 inches to 2 feet or more. The Dwarf Essex variety of the crop is best suited for use under Southern conditions.

Possibilities of the Crop. Farmers are becoming more and more interested in the production of green crops for fall, winter and early spring grazing. Especially is this true of those who are engaged in the raising of hogs and poultry. For winter pasturage an acre or two of this crop will supply many tons of nutritious feed at the time of the year when green feeds are scarce. It has been fully demonstrated by repeated trials that an acre of rape properly seeded in good rich land will produce, at the beginning of the experiment, 10 tons of rape which can be harvested in a few weeks after sowing. The rape can be grown much cheaper than the corn, as it will not require any cultivation, and the preparation of the seed-bed and seeding will be about the same for both. The hogs will harvest the rape crop, while the corn must be harvested by the farmer himself. It should be remembered, however, that the acreage of rape that can be profitably utilized for pasturage on the average farm is limited, it usually not being more than two or three acres.

In feeding experiments at the Alabama Station running for 147 days (November 4-April 5) with pigs weighing approximately 45 pounds each at the beginning of the experiment, it was found that the two lots of pigs fed on a ration of two parts of corn and one part of wheat shorts and allowed the use of a rape pasture during the period, produced pork on an average of 34.4 per cent less cost per pound, counting the cost of providing the rape pasture, than the lot which was fed on the same ration and confined in dry lots. In other words, the lots fattened on rape pasture, supplemented with the necessary amount of the ration of corn and wheat shorts, made very satisfactory profit, while the lot fattened on the ration of corn and wheat shorts alone in dry lots afforded little or no profit.

Soil and Its Preparation. Rape is best adapted for growth on a deep, rich, mellow, loamy soil that is fairly heavy with humus. It does not do well on the very light sandy or stiff clay soils because they are deficient in organic matter. Any soil that will produce wheat and corn well will be found suited for the growth of rape. In preparing the land it should be well broken, then thoroughly harrowed, and a fine, clean seed bed, as is usually done for turnips or rutabagas. If the land has a liberal application of manure the previous year, so much the better. On average land it will be well to apply broadcast over the land, just after breaking and before harrowing, about 300 to 500 pounds per acre of a fertilizer containing 3 to 10 per cent available phosphoric acid, 4 to 6 per cent potash, and 3 to 4 per cent nitrogen.

Seeding. For the Coastal Plain and Piedmont sections, the spring seeding may be made during March or early in April, and the fall seeding any time between August 20 and October 15. In the mountain section the spring seeding will have to be made in April and the fall seeding during the latter part of July or early in August in order to get best results. The rape seed are

when eggs bring high prices. The standard weight of the cock is 8 1/2 pounds, the cocker 7 1/2 pounds, the hen 6 1/2 and the pullet 5 pounds. They have long, deep chests, meaty bodies, yellow skins and are free from black pin-feathers, making them good fowls for market or table use. Their meat has a fine sweet taste. Their beautiful color and fine carriage make them a good fancier's fowl.

Cowpeas Is Valuable. If you have cowpeas seed, buy it. As a food and feed crop, the cowpea should have a big place on nearly every farm. Cream Grading. Cream grading will be required in the near future. Why not start now to improve quality? It will pay in the long run. Bond Issue for Ohio. Ohio is talking of a \$500,000,000 highway bond issue.

POPULAR RHODE ISLAND RED They Are Good Foragers, Excellent Layers and Hens Are Docile and Make Best of Mothers. Rhode Island Reds originated in Rhode Island about 50 years ago, taking their name from the state and the color of the male birds. They were produced by crossing Red Malay Game, Red Cochon Chinas, Red Javes, Chingams, Shanghais and possibly Brown Leghorn blood was introduced later. Little attention was paid to the color of the female until someone exhibited a pen at a New York poultry show when they attracted attention as a utility and fancier's fowl. They have been growing in favor ever since. They are good foragers, excellent layers, and the hens are docile and make the best of setters and mothers, though they are not persistently broody. The chicks are very hardy, mature early and begin laying younger than many others. They lay as good all winter

## GOOD ROADS

BUILD ROADS ON WAR FRONT

Possible and Desirable to Construct Highest Types of Surfaces for Moving Supplies.

With the arrival of the Balfour mission late information has been obtained regarding road building methods followed in the war regions of France and Belgium.

English military engineers have recently made experiments demonstrating that it is possible and desirable to build the highest type of road surfaces for the temporary or emergency movement of artillery and supplies. Roads built with asphalt sent over from England have recently been constructed in the rear of the French-Belgium front. Roads so improved gave far better service than any type heretofore attempted under the swift and heavy movements necessitated by the artillery action which precedes infantry attacks. It was observed that motor trucks and gun carriages suffered no injury in movement over these hastily constructed asphalt pavements, while frequent breakdowns were experienced when road building was not attempted.

These experiments being done, a mission including officers of the British and French engineers corps looked over the pavements in the environs of Paris built in the last three or four years. Among other roads inspected early in this month was the Trinité asphalt pavement laid on the road to Versailles which has been carrying military traffic ever since the war began. As a result of these experiments and investigations it has been decided, wherever possible, to construct similar surfaces for the movement of military traffic in regions where roads have been destroyed or where they may be made necessary by battle plans.

## GETTING CROPS TO MARKET

Of Little Avail to Raise Produce of Any Kind if It Cannot Be Moved to Shipping Point.

While a great deal is being said about the crying need of cultivating every acre of land which can be made to yield crops at a fair profit, there is a surprising silence about the equally important need of providing facilities for getting these crops to shipping points. It is of little avail to raise wheat if it cannot be hauled to market.

At a recent convention of the Ohio Good Roads association the farmer delegates spoke with the utmost conviction of the need of improved roads, and 905 days in the year, if they were to get their part in the mobilization of the resources of the country in the cause of humanity. Moreover, these delegates from the farms did not ask



Using Drag.

to have the roads improved for them; they promised their full proportion of financial support for their construction.

An entirely different condition is reported from New England, New York and New Jersey. There the congestion of railway traffic makes the highways of great value in delivering manufactured materials from one city to another; the motor truck has suddenly become a real necessity in meeting the urgent requirements for transporting the products of the cities. In short, the rational improvement of roads is an essential element of the grave economic problems of the day, to make the valuable products of the farm and shop available to the user at the lowest possible cost. This subject should be studied at once as an economic problem, the same as the provision of railway and waterway transportation, the increase in cultivated acreage and the improvement of manufacturing facilities. Crops that cannot be moved from the farms except at enormous expense and manufactured products that must lie in storerooms because of congestion of railways are of little value to a nation which needs such things now.

Tender Vegetables. Vegetables quickly grown are more tender and of better quality than those slowly grown. Good soil and good cultivation are needed.

Cinders for Surfacing. For surfacing footpaths, gravel, mixtures of sand and clay, and cinders will, in general, give good satisfaction.

Drag for Better Roads. More dragging will mean better roads.

You Know What You Are Taking. When you take Grove's Tasteless Chills Tonic because the formula is plainly printed on every bottle showing that it is Iron and Quinine in a tasteless form. No cure, no pay—50c. adv.

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The Kind You Have Always Bought, and which has been in use for over 30 years, has borne the signature of Dr. J. C. Fletcher, and has borne under his personal supervision since its infancy. Allow no one to deceive you in this. All Counterfeits, Imitations and "Just-as-good" are but Experiments that trifle with and endanger the health of Infants and Children—Experience against Experiment.

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DO YOU WANT A NEW STOMACH? If you do "Digestion" will give you one. For full particulars regarding this wonderful Remedy which has benefited thousands, apply to

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### ADMINISTRATOR'S NOTICE

Having qualified as administrator of the estate of Alison Ialey, deceased, late of Alamance county, North Carolina, this is to notify all persons having claims against the estate of said deceased to exhibit them to the undersigned at Burlington, N. C. on or before the 10th day of August, 1918, or this notice will be pleaded in bar of their recovery. All persons indebted to said estate will please make immediate payment.

This August 7th, 1918.

CLAUDE CATES, Adm'r  
of Alison Ialey, dec'd.

## LAW

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### Help For Girls Desiring Education.

We have on our campus an apartment house, a two-story building of 25 rooms, with a frontage of 100 feet which may be used by girls who wish to form clubs and live at their own charges. Pupils can live cheaply and comfortably in this way, many of them having their table supplies sent to them from their homes.

For further information address

J. M. Rhodes, Littleton College, Littleton, N. C.

### ADMINISTRATOR'S NOTICE

Having qualified as administrator of the estate of Rainey Baynes, deceased, this is to notify all persons holding claims against said estate to present the same, duly authenticated, on or before the 10th day of July, 1918, or this notice will be pleaded in bar of their recovery; and all persons indebted to said estate are requested to make immediate settlement.

This 5th day of July, 1918.

T. C. CARTER, Adm'r  
of Rainey Baynes, dec'd.

### RATION FOR LITTLE TURKEYS

Dry Grain, Free From Mustiness or Moldiness Is Easy to Feed—Bread and Milk Is Good.

Dry-grain chick feed which is free from mustiness or moldiness is easy to feed and furnishes an excellent ration for little turkeys, though sometimes a little bread and milk or Johnny-cake baked hard and fed dry can be given.

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