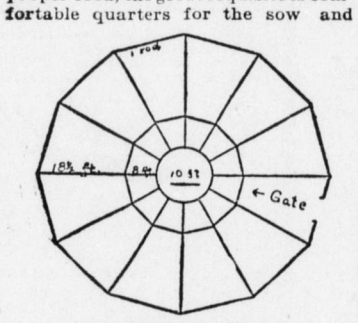
# AGRICULTURAL HINTS.

## EXCELLENT PIGGERY.

**Description of a Building That, According to Its Designer, Will Soon Pay for Itself.**

It has long been a well established fact that pigs farrowed in winter are much more profitable than those farrowed in summer. Many farmers claim that one winter pig is worth two summer ones. With many this could not be true, for the winter pig would usually be a dead one. It may be that for lack of proper preparation some of our readers are just now passing through disastrous experiences in winter pig raising and that they would welcome some suggestions in regard to preparation for another season.

With proper preparation and care, pigs farrowed in midwinter can be raised with as little mortality as those farrowed in summer. In addition to proper feed, the great requisite is comfortable quarters for the sow and




PIGGERY AND LOTS.

youngsters. This can hardly be had without the aid of artificial heat and a building especially designed for the purpose. A farmer of Ohio is preparing for the erection of a building after the plan shown by accompanying diagram. This diagram shows building and adjacent lots. The building is to be 12-sided or decagonal, and is to be divided into 12 apartments of equal size with space about 10 feet in diameter in center. Eleven of these apartments will be used as farrowing pens, and one will be left for a passageway. The greatest diameter of building will be about 26 feet. Floor will be of cement and will be made to slope gradually from center to circumference. Each pen will contain a floor space of about 38 square feet and will be provided with fenders, which will consist of boards so arranged as to project six inches from walls and will be placed six or seven inches from floor. This latter idea is well known and is recognized as being a great aid in keeping sow from crushing her pigs. The youngsters which would otherwise be pressed against the wall find protection under this projecting shelf. The inside ends of pens will be made of wire so as to not resist the heat from a common stove, which will be placed in center of building. A large skylight placed in south side of roof will admit an abundance of light.

The outer series of spaces represent small lots, one for each pen. These are not large, but large enough for the purpose. They are one rod at outer end. The whole will occupy about one-third of an acre and will be built for about $100. In some localities it would cost more, but with careful management we believe it can be built almost anywhere for $150. It can be readily seen that such a building will soon pay for itself. For the purpose designed we have never seen anything to equal it.—H. E. Tweed, in Ohio Farmer.

## THE SUPPLY OF HOGS.

**It Is Somewhat Below Demand at Present and Prospects for the Future Are Promising.**

The man who raises plenty of corn and then raises plenty of hogs to consume it, is putting his product where it will do the most good, says Drovers' Journal. Hogs are relatively high now and according to the best information obtainable the supply in the country is somewhat below the normal at the present time. However, the best posted men on the hog situation have been mistaken on forecasts of this kind and one is bound to admit that the country is large and that it is impossible to get accurate statistics on the growing crop. There are many who believe that the light average weight is an indication that the later supply will be short, basing their judgment on the theory that no heavy hogs are available, because if they were the premium that they are commanding would force them in. Without question the marketing of so many young hogs now means less to come later on, whether the shortage will be serious or not remains to be seen. So far this winter the eastern supply has been quite large, at least large enough to keep shipments down to a comparatively low figure. It is generally believed that this supply has been pretty well marketed and so the coast is clearer for a better demand from this source later on. Perhaps the high price of corn has discouraged many farmers from feeding as many hogs as usual, but even with corn at present prices there could be no better investment than converting it into pork.

Those who have been shearing by hand should study up the economy of machine shearing. One cent for shearing a sheep is a low price, but it is possible with a shearing machine.—American Sheep Breeder.

All young birds like young and tender grass. If they cannot get to it, bring it to them in the form of sod.

## DESTROYING CLODS.

**It Is a Hard Job, But Perseverance and Good Common Sense Accomplish Wonders.**

If you have a piece of hard land to break, which is so baked as to come up in clods, we would suggest that you run over it with a disk or cutaway harrow ahead of plows, and break with very small scooters, says a southern farmer. Do not try to turn such land. If you still have clods do not wait for them to harden, but run a heavy roller or drag over and follow with some pulverizing harrow the same day. An hour or so will do this for each day's plowing. Thus you will pulverize most of them quite easily. Run roller ahead of harrow so as to crush as many as possible, and fasten the others so that they cannot dodge the harrows. It will pay to take time to do this, your crop can be cultivated so much cheaper afterwards; and the yield will be so much greater. Every time you go over with harrow and crushers you will increase the yield of the crop.

We once selected one acre in a 20-acre field, average spot, and plowed and harrowed this acre 14 times right along before we quit. We then planted and cultivated this acre just as we did the rest of the field, running the rows right along through it. The yield was much more than double any other acre. This has continued to be true for five years, in all kinds of crops. All through the growing season this acre can be distinguished as far as you can see the field. All crops grow off quicker and yield heavier. "Culture is manure" is true.

But after all the old proverbs "an ounce of prevention is worth a pound of cure" holds good here also. If the hard pan is broken up and the water permitted to go on down, so as not to saturate the soil and remain in it too long, the baking will be prevented. If the baking or running together is prevented the clods will not form. This is as true of bottom land as of upland. Stop the soaking and you will prevent the clodding. One other point is worth considering here. Do not burn any vegetable matter in your farm. Plow it into the soil. This will enrich the soil and prevent the baking and clodding.

## BROILERS FOR MARKET.

**This Is a Business That Pays Quite Well, If Conducted on Common-Sense Principles.**

Some one asked, a short time ago, about rearing broilers for market. First, the breed. It seems from the various reports of broiler raisers, that Plymouth Rocks are almost the ideal breed for the purpose, the only objection to the Barred is the dark pin feathers, which objection does not hold good with the White Rocks. White Wyandottes are hard to beat, also. The idea is to get a breed that will stand forcing and will present a nice appearance dressed at the age you should market for broilers.

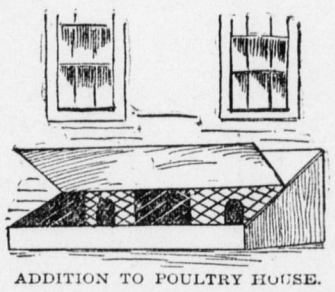
The first day they are fed sand, after that they should be fed every two hours during the day. The first week they should be fed rolled oats, millet seed and cracked corn, sweet milk, sand and powdered charcoal; the next week add a mash, and use a greater proportion of cracked corn; the third week and on until marketed, for breakfast feed cracked corn, then chopped raw potatoes. A meat mill is the thing for this, then chopped cabbage, next mash, and last a full feed of cracked corn. Before this last meal no more is given than will be eaten up quickly; if from any cause they fail to be hungry, miss a meal or two. This will generally bring them around all right. The last few feeds before marketing stir cotton seed meal and treacle (molasses) in the mashes; this is to give them the rich yellow color desired.

At the end of the eighth week the birds should average almost, if not quite, two pounds each. Continuing this course, by 15 weeks they should make 5½ pound roasters. It is impossible to get such results from mongrel stock, but of course, should you be compelled to use them, such feeding is bound to result in quick growth.—Emma Clearwaters, in Ohio Farmer.

## TO GET OUT-DOOR AIR.

**Poultry House Addition Which Is a Good Place for a Winter Airing and a Summer Shed.**

The device shown in the cut was recently seen on the south side of a poultry house, and was admirably fulfilling its mission of a place for a winter airing and a summer shed. It



ADDITION TO POULTRY HOUSE.

is easily and cheaply made, there being no glass in the top to add expense or get broken. The cover is turned back against the house on sunny days, when the fowls are practically out of doors. Built of matched boards such an addition will last for years. It can be used in spring as a run for hens and chickens. —Orange Judd Farmer.

Nursing pens for ewes with lambs that need some special care should be provided if it is only a small flock. A score of sheep may need one as much as a hundred may.

## BETTER THAN "ABOUT RIGHT."

**Lesson Taught Thomas King, the Lecturer, by a Lank Yankee of New England.**

Thomas Star King, the famous preacher and lecturer, was settled in California at the outbreak of the civil war, and to his influence is ascribed the change of public opinion in that state from lukewarmness toward the northern cause to devoted loyalty. The Overland Monthly has lately published an article on this famous man from which we take an anecdote told about Mr. King by James T. Fields:

Mr. King, with a friend, was making a trip through the White mountains. They were traveling by that most delightful of conveyances—a country wagon. When they stopped a few minutes at the door of a New Hampshire tavern, Mr. King's companion went in to replenish their provision basket, and he remained in the vehicle.

One of the tall, lank, slab-sided Yankees that are always hanging round a New England inn door slouched up to the team and began altering the harness, slacking a strap here and lightening a buckle there, all unasked, until Mr. King got impatient at the length of the operation, and said, rather sharply:

"You needn't trouble yourself any more. I think the harness is about right."

The Yankee finished his work and drawled out: "Guess right's better'n a be a out right."

There was no reply to this. Mr. King's friend returned, and he drove off, confessing to a lesson which he needed to learn less than most of his countrymen: "Right" is better than "about right."

Just Like Home.—"Did they make you feel at home over at Mrs. Smith's, Johnny?" "Yes, ma; Mrs. Smith told me t' wipe m' feet 'n' not muss the tidies, 'n' did'n' give me but one piece o' pie."—Philadelphia Evening Teelgraph.

Briggs—"It may seem strange to you, but my wife thinks I'm about as good as there is going." Griggs—"Sort of an acquired taste, I suppose, like tomatoes or olives, for instance."—Boston Transcript.

In the waltz every girl can claim to be a daughter of the revolution.—Philadelphia Bulletin.

## THE MARKETS.

New York, June 1.

Flour—Active and firm.
Wheat—No. 2 red 81⅛c.
Corn—No. 2 at 50c.
Oats—No. 2 white 33c.
Beeves—Steers $5.00@6.10. Veals $4.00@6.00.
Sheep—Steady at $3.00@4.50, lambs $4.50@5.65.
Hogs—Firm at $5.95@6.25.

Cleveland, June 1.—Flour—Winter wheat, patents, $3.75@4.00.
Wheat—No. 2 red 75¼c.
Corn—No. 2 yellow 46c.
Oats—No. 2 white 33c.
Butter—Best creamery 20c.
Cheese—York state 11c.
Eggs—Best 12½c.
Potatoes—Best grades 55@65c.
Cattle—Choice steers $5.25@5.40, light $5.00@5.10, calves $6.00@6.50.
Sheep—Good $4.10@4.25, best lambs $5.20@5.30.
Hogs—Yorkers $5.90.

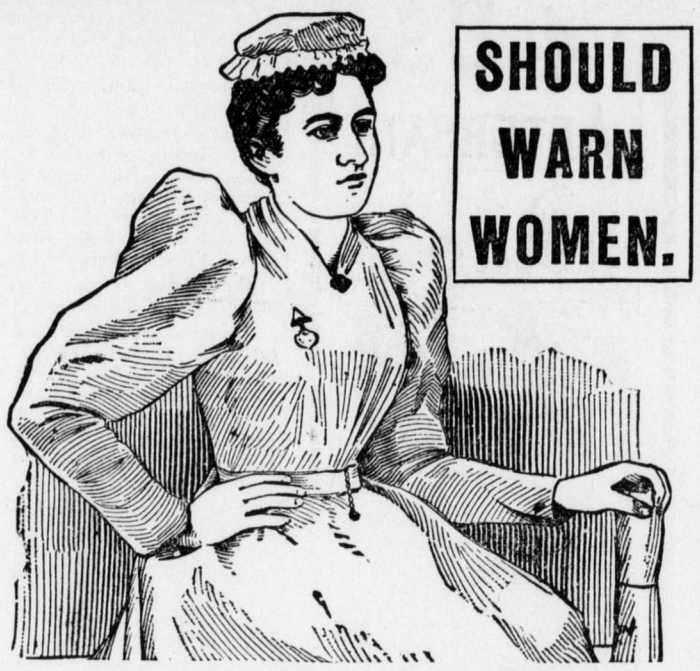
Toledo, June 1.—Wheat—Cash 75¼c.
Corn—Cash 44¼c.
Oats—Cash 29c.

East Liberty, June 1.—Cattle—Prime $5.60@5.75, good $5.30@5.50.
Hogs—Yorkers $6.05.
Sheep—Choice lambs $5.25@5.40, sheep $4.25@4.55.

East Buffalo, June 1.—Cattle—Veals $5.50@5.75.
Sheep—Lambs $5 65@5.70, sheep $4.25@4.35.
Hogs—Best heavy $6.05.

Cincinnati, June 1.—Hogs—Active at $4.00@6.00.
Cattle—Quiet at $2.50@5.35.
Sheep—Easy at $2.50@4.10.


# BACKACHE SHOULD WARN WOMEN.



MISS LUCY ANNIE HEISER, OF MINNEAPOLIS, MINN.

Miss Lucy Annie Heiser, a graduated nurse of nine years' experience, trained and graduated from the Homeopathic Hospital of Minneapolis, Minn., writes as follows:

*Albert Lea, Minn., Nov. 8, 1899.*

*The Peruna Medicine Co., Columbus, Ohio:*

*Gentlemen—"Although my school does not believe in patent medicines, I have found it to be a fact that Peruna is a grand and valuable medicine. I have known it to cure Mrs. Sampson, suffering with an inflamed womb, aggravated by malaria, after the doctors had failed to help her. Another of my former patients suffered with a complication of female diseases; she was so thin, nothing but skin and bones, but Peruna cured her and she is to-day in good health and good flesh. Facts prove that Peruna revives lost strength and restores to the sick that most wonderful blessing of life—health."*

*Lucy Annie Heiser.*

If all the tired women and all the nervous women, and all the women that needed a tonic would read and heed the words of these fair ladies who have spoken right to the point, how many invalids would be prevented and how many wretched lives be made happy.

Peruna restores health in a normal way.

Peruna puts right all the mucous membranes of the body, and in this way restores the functions of every organ.

From Mrs. Amanda Shumaker, who has charge of the Grammar Department of the Public Schools, of Columbia City, Wash., also Past Grand of Independent Order of Good Templars, Dr. Hartman received the following letter:

COLUMBIA CITY, WASH.

"I can speak only good words of the repeated benefits I have had from the use of Peruna.

*"Too constant application to work last winter caused me to have severe head and backache and dragging pains. I could not stop my work, neither was I fit to go on. Reading of the beneficial results from the use of Peruna I purchased a bottle and within a few days after using it, began to feel better.*

"I constantly improved and before the seventh bottle was completely used, all pains were gone, my strength was restored, and I now seem ten years' younger.

"If I get tired or feel bad, Peruna at once helps me, and I feel you deserve praise for placing such a conscientious medicine before a suffering public."

Mrs. Amanda Shumaker.

Mattie B. Curtis, Secretary Legion of Loyal Women, Hotel Salem, Boston, Mass., writes:

Mattie B. Curtis.

*"I suffered for over a year with general weakness and debility, manifested especially in severe backache and headache.*

"My physician prescribed different medicines, none of which seemed to help me any until a club associate advised me to try Peruna as it cured her of constitutional headache and stomach troubles. I at once ordered a bottle and before it was used, felt greatly improved.

"I have taken four bottles and for two months have been entirely free from these maladies. Several of my friends are using Peruna with beneficial results, especially in cases of troubles with the kidneys and other pelvic organs, together with weaknesses peculiar to women."

Peruna is a specific for the catarrhal derangements of women.

If you do not derive prompt and satisfactory results from the use of Peruna, write at once to Dr. Hartman, giving a full statement of your case and he will be pleased to give you his valuable advice gratis.

Address Dr. Hartman, President of The Hartman Sanitarium, Columbus, O.



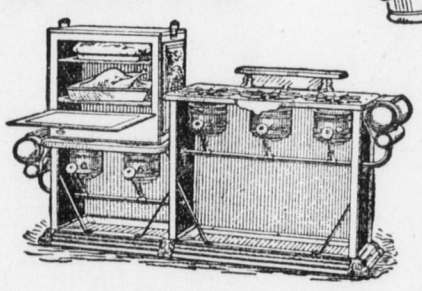
*Toasting - broiling*
*baking - ironing*

anything that can be done with a wood or coal fire is done better, cheaper and quicker on a

# WICKLESS Blue Flame Oil Stove

Heat is not diffused throughout the house—there is no smell, soot, or danger, and the expense of operating is nominal. Made in many sizes; sold wherever stoves are sold. If your dealer does not have it write to nearest agency of

STANDARD OIL COMPANY





# Bowels Don't Move?

Caused by over-work! Over-eating! Over-drinking! No part of the human body receives more ill treatment than the bowels. Load after load is imposed until the intestines become clogged, refuse to act, worn out. Then you must assist nature. Do it, and see how easily you will be cured by CASCARETS Candy Cathartic. Not a mass of violent mercurial and mineral poison, but a pure vegetable compound that acts directly upon the diseased and worn out intestinal canal, making it strong, and gently stimulating the liver and kidneys; a candy tablet, pleasant to eat, easy and delightful in action. **Don't accept a substitute for CASCARETS.**

I'll bring a surgeon.—Jeweler's Weekly.

"I have gone **14 days at a time without movement of the bowels.** Chronic constipation for seven years placed me in this terrible condition; I did everything I heard of but never found any relief until I began using CASCARETS. I now have from one to three passages a day, and if I was rich I would give $100.00 for each movement; it is such a relief." AYLMER L. HUNT, 1089 Russell St., Detroit, Mich.

**More Information.**

Tommy—P hat do they put —ater in

# Cascarets

BEST FOR BOWELS AND LIVER.

THEY WORK WHILE YOU SLEEP

10c. 25c. 50c.

*NEVER SOLD IN BULK.*

*THIS IS* CCC *THE TABLET*

*DRUGGISTS*

**GUARANTEED TO CURE** all bowel troubles, appendicitis, biliousness, bad breath, bad blood, wind on the stomach, bloated bowels, foul mouth, headache, indigestion, pimples, pains after eating, liver trouble, sallow complexion and dizziness. When your bowels don't move regularly you are getting sick. Constipation kills more people than all other diseases together. It is a starter for the chronic ailments and long years of suffering that come afterwards. No matter what ails you, start taking CASCARETS today, for you will never get well and be well all the time until you put your bowels right. Take our advice; start with CASCARETS today, under an absolute guarantee to cure or money refunded. 449

**GUARANTEED TO CURE:** Five years ago the first box of CASCARETS was sold. Now it is over six million boxes a year, greater than any similar medicine in the world. This is absolute proof of great merit, and our best testimonial. We have faith, and will sell CASCARETS absolutely guaranteed to cure or money refunded. Go buy today, two 50c boxes, give them a fair, honest trial, as per simple directions, and if you are not satisfied after using one 50c box, return the unused 50c box and the empty box to us by mail, or the druggist from whom you purchased it, and get your money back for both boxes. Take our advice—no matter what ails you—start today. Health will quickly follow and you will bless the day you first started the use of CASCARETS. Book free by mail. Add: STERLING REMEDY CO., New York or Chicago.