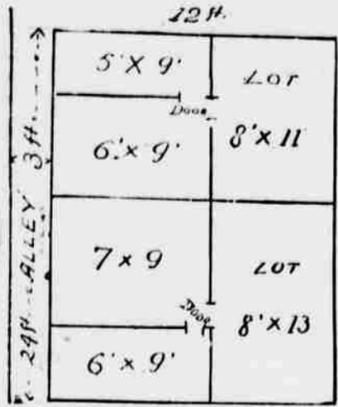




PLAN OF A HOGHOUSE.

Answer to Inquiry Made by a Farmer for Pen for Six Hogs and Fourteen Pigs.

In making out this plan the fact must be considered that the pigs will not long remain pigs, but will soon become hogs, that will require hogs' feeding room. Every hoghouse properly constructed should have a sleeping and a feeding apartment. If fed in the same room in which they sleep, it is a difficult matter to keep the bed dry and clean. Six grown hogs will find comfortable lying space on



GROUND PLAN FOR HOG HOUSE.

a floor space seven feet square; but for a feeding room they should have rather more room, say, a floor space eight feet square. It is a difficult matter to plan out a satisfactory hoghouse for some one else, when the surroundings are not known or his plan or manner of growing hogs. Every pen in a hoghouse should have an outdoor yard connected with it, for hogs cannot long be kept in close confinement on a hard floor. Young things will suffer much more quickly with lameness than older animals. In this place we will allow space for the pigs about one-half that allowed for the grown hogs. I will give the floor plan and Mr. P. can construct the kind of a building that will suit him best from it. He can make a one-story structure, shed form, or else a two story, using the upper story for a feed room. A small room at the north end will be found convenient for a well and for feed mixing purposes. The plan is 12 by 24 feet. In this latitude I would make the long way north and south; cut an alleyway three feet wide off the west side for the large hogs' sleeping room cut a space five by nine feet off the north end. Then give them a feeding room six by nine feet, connecting with sleeping room by a door in the east end of the partition.

This will leave a space nine by 13 feet for the pigs. Give them a sleeping room six by nine feet off the south end. This leaves them a feeding space seven by nine feet. In each case make the door into the lot from the feeding room, but close to the partition between the feeding and sleeping rooms. The lots can be made as large as Mr. P. wishes or has land for.

This building will give much better satisfaction if floored with cement, which will cost little if any more than a first class floor of lumber. This plan will probably be as large as Mr. P. will want. Allowing as much space each for the pigs as for the larger hogs would doubtless require a house larger than he would care to build at first.—John M. Jamison, in N. Y. Tribune Farmer.

GROW MORE POTATOES.

No Crop Yields Better Profits for a Corresponding Outlay of Labor and Time.

An acre planted to potatoes will yield more than 10, 14 or 17 times as much food material, in the order named, than when planted to wheat, rye or peas. The German scientists hold that about half the land under cultivation should be devoted to the growing of vegetable products, principally potatoes and sugar beets, and the other half to grains, mostly wheat, rye, barley and corn. In the production of potatoes Germany is far in advance of this country, the yield per acre being from two to three times as great, and the total product six times as great.

In addition to consuming an enormous quantity of this vegetable as human food, the Germans use it for manufacturing purposes; alcohol, starch, and glucose being the principal products. Nearly a hundred million gallons of alcohol, used largely in the factories, are produced every year from potatoes in the Fatherland, while in this country the industry has not been born. In view of these facts, it would seem that here is a vast field for development, which the American farmer has overlooked or neglected; a field which even now, with but little care and attention, yields an average return of from \$40 to \$50 per acre.—Farmers' Review.

AN EVIL IN FOOD THE LAW SHOULD REACH.

In reference to the use of alum baking powders Prof. Schweitzer, of the State University of Missouri, says: "The deleterious effects of alum and the soluble salts of alumina upon the human system, even when used in small quantities, are too well known to need relating; their use in baking powder is dangerous, and should be restricted."

The effects of the continuous use of alum baking powders are thus summed up in a medical publication:—

"Alum taken into the stomach retards the digestion of the food.

"It is an irritant which inflames and irritates the stomach and intestinal canal.

"It is an astringent and tends to constipate the bowels, which interferes with digestion.

"It renders the albumen of the food partially insoluble, and therefore takes away from its nutritive value.

"It is absorbed into the blood, which it tends to thicken and congregate. The free flow of the blood through the organs of the heart is thus retarded.

"Its continued absorption into the system causes some forms of nervous prostrations and many of those affections of the nerves from which both women and men suffer.

"Fourteen grains of alum have caused the death of a child. Larger doses have frequently resulted fatally in the case of adults.

"No drug so powerful and deadly, no matter in what proportions it may be employed, can safely be used in any article of food."

A FORMIDABLE RIFLE.

With a Charge of Cordite This Weapon Will Send a Bullet Ten Miles.

A great advance has been made in small arms by George E. Rounds, of Plymouth, Mass., which may have a wonderful important bearing on the armaments of the world and the battles of the future, for through his suggestion the range of the modern rifle has been greatly increased and its penetration more than doubled.

The result is a finished rifle of the Winchester model of 1895, short, like the old civil war carbine, but unlike them it has a tapering barrel which approaches one-half inch in thickness at the rear end and is formed of a fine piece of nickel steel which gives a maximum of strength. The gun is of .405 bore, and the cartridge looks like any other except perhaps the shell is not choked on the end where the bullet fits in. Inside the bright brass shell is a charge of 52 grains of cordite, a smokeless powder which has long been in favor by the users of the big British naval guns, and as used in them resembling the long black flexible strings of fibrous found in the confectioner stores, the strips being bundled into facets for the big cannon, which, of course, is not done in Mr. Round's gun. Fifty-two grains of cordite, it is asserted, has the explosive power of nearly a pound of common black rifle powder, and it will drive the 300-grain soft nose, tin-coated, bullet out with a muzzle velocity of 2,204 feet per second, while at 100 yards range the striking energy is represented by 3,235 foot pounds.

From tests made by the Winchester company, it is calculated the gun fired at an elevation of 45 degrees will throw its projectile a distance of ten miles, while at shorter ranges its enormous muzzle velocity gives it a very flat trajectory, amounting at ordinary ranges to almost point blank shooting. In the matter of penetration the cordite leaves the others completely out of sight. A high power 30-30 sporting cartridge at 100 yards will penetrate 30 inches of pine, and a United States government high velocity ten inch cooper, but this new one at the same range will bore through 100 inches pine wood.—St. Louis Republic.

His Investments.

Now, the visiting foreigner, being known to be immensely wealthy, was besieged by reporters innumerable.

"Are you going to buy any newspapers on this side?" asked one who knew that the visiting foreigner had a leaning toward journalism.

"Well," he said, "I bought the New York Herald yesterday—"

Fifty pencils flew over the pages of fifty note books.

"And," he continued, "I bought the St. Louis Globe-Democrat the day before that—"

More penning and much excitement.

"This morning," he went on, "I bought the Philadelphia Times—"

Twenty reporters rushed for telegraph offices.

"And to-morrow," he resumed, "I think I will purchase the Washington Post and the Baltimore American. Don't you know, I like to read the various newspapers of a country. They give one a fine idea of the conditions of things, and then they are so blooming inexpensive at their price per copy, don't you know?"

Thirty pencils fell from 150 fingers, and thirty great lights broke upon thirty inquiring minds.—Littell's Magazine.

Children on "Tattling."

Not long ago 2,500 schoolchildren in Utica were asked by Superintendent Griffith to give their written opinion— anonymously, it is supposed—as to whether one pupil should testify against another. Voluntary telling, or "tattling," was not meant in the test, but only 15 per cent. of the children noted the distinction, so that the result may be accepted as the children's opinion of the "tattler." The question was asked whether it was right or wrong, and it appears that of the 2,834 who answered the question 494 boys, or 18 per cent. and 375 girls, or 15 per cent. considered it right to tell—the largest percentage of both regarding it as wrong.—N. Y. Sun.

A Discovery.

Cholly Addlepate—I flatted myself, bah jove! that I'm quite a student of aw—woman's nature. I have discovered that a woman's "no" oftens means "yes."

Willie Noddlekins—Say, that's so, but I never thought of it before. Now, lawst night I awsked Miss Plunks if she didn't want to go to the aw—theater next Saturday evening, and she said no. "Bah jove! and she meant 'yes.'"

"I'm sush she did, foh I heard her tell that beastly Gavage Bonds, not ten minutes before, that she wanted awfully to go."—Up-To-Date.

Unusual Government Pension.

The government is about to pay an unusual special pension claim to the widow of Lieut. Michael Moore, who, at the time of his death in Brooklyn last year, had served in the United States army continuously for 55 years, thus holding the world's record for service of that character. He enlisted as a drummer boy at the outbreak of the war of 1812.—Chicago Tribune.

The Wrong Word.

"Newspapers make use of some very strange expressions," remarked Mrs. Snaggs.

"Do they?" replied her husband. "For instance, here is an article which speaks of speculators pocketing their losses, when I should suppose that they really unpecked them."—Pittsburgh Chronicle-Telegraph.

talked.

Gayboie—Only one; just a little one. Miss Townley—Oh, no! I have no desire to be added to the list of girls you have kissed.

"I have never kissed a girl in my life." "Oh, then I am not going to let you serve your apprenticeship on me."—Harlem Life.

Great Britain a Warlike Nation.

During the last 50 years Great Britain has been at war more frequently than any other nation. The total number of large and small wars waged during that time amounts to about 50, or one a year.—N. Y. Sun.

A Fool Reflection.

Parson Browning—I hear dat Uncle Eph's boy, Jim, dun took de chicken-pox at school.

Erer Blackley—Yas, dat Jim is a chip ob de ole block, an' he liable to take anything kin to er chicken.—Up to Date.

An Invitation to Keep On.

"Oh, that I might displease you," he exclaimed.

"Well, I expect papa home almost any minute now," she replied.—Chicago Evening News.

How the Jellyfish Feeds.

The jellyfish has no teeth, but uses himself as if he were a piece of paper, when hungry, getting his food and then wrapping himself about it.—Chicago Chronicle.

A Tip-Bit for the Editor.

Editor (Golly)—Young woman, what made you think you could get your poetry into our magazine?

Young Woman (Glibly)—Why—my cousin does; and he's such a fool.—Life.

THE MARKETS.

CATTLE—Native Steers	4 35	50 50
COTTON—Middling	50	12 1/2
WHEAT—No. 2 Hard	96 3/4	91 3/4
CORN—No. 2	51	51 1/2
POPK—Mess (new)	13 90	12 75
LARD—Western Steam	10	7 90
COTTON—Middling	50	12 1/2
BEEFED—Steers	4 00	5 40
Cows and Heifers	2 25	3 50
CALVER—(per 100 lbs)	4 75	6 75
HOGS—Fair to Choice	4 25	4 65
SHEEP—Fair to Choice	4 00	3 55
FLOUR—Patents	4 00	4 10
Other Grades	3 20	3 25
WHEAT—No. 2	95 1/2	92
DATES—No. 2	27 1/2	34
RYE—No. 2	27 1/2	29 1/2
WOOL—Tub Washed	20	31
Other Grades	12	21 1/2
HAY—Clear Timothy (new)	9 50	12 50
BUTTER—Choice Dairy	11	18
BACON—Clear Ribs	11	8 1/2
EGGS—Fresh	22	28
LARD—Choice Steam	10	7 50
POPK—Standard Mess	11 1/2	11 25
CATTLE—Native Steers	5 00	5 25
HOGS—Fair to Choice	4 20	4 55
SHEEP—Fair to Choice	3 50	4 25
FLOUR—Winter Patents	4 00	4 20
WHEAT—No. 2 Hard	94 1/2	91 3/4
WHEAT—No. 2 Mixed	86	87 1/2
CORN—No. 2	50	50 1/2
DATES—No. 2	27 1/2	34
RYE—No. 2	27 1/2	29 1/2
LARD	10	7 50
KANSAS CITY		
CATTLE—Native Steers	4 25	5 00
HOGS—Fair to Choice	4 20	4 55
SHEEP—Fair to Choice	3 50	4 25
CORN—No. 2 Mixed	50	50 1/2
DATES—No. 2	27 1/2	34
NEW ORLEANS		
FLOUR—High Grades	4 25	4 30
DATES—No. 2	27 1/2	34
RYE—No. 2	27 1/2	29 1/2
LARD—Choice	10	7 50
POPK—Standard Mess	11 1/2	11 25
BACON—Clear Ribs	11	8 1/2
COTTON—Middling	50	12 1/2
SPICE		
WHEAT—No. 2 Mixed	86	87 1/2
DATES	27 1/2	34



Another club woman, Mrs. Haule, of Edgerton, Wis., tells how she was cured of irregularities and uterine trouble, terrible pains and backache, by the use of Lydia E. Pinkham's Vegetable Compound.

"DEAR MRS. PINKHAM:—A while ago my health began to fail because of female troubles. The doctor did not help me. I remembered that my mother had used Lydia E. Pinkham's Vegetable Compound on many occasions for irregularities and uterine troubles, and I felt sure that it could not harm me at any rate to give it a trial. "I was certainly glad to find that within a week I felt much better, the terrible pains in the back and side were beginning to cease, and at the time of menstruation I did not have nearly as serious a time as heretofore, so I continued its use for two months, and at the end of that time I was like a new woman. I really have never felt better in my life, have not had a sick headache since, and weigh 20 pounds more than I ever did, so I unhesitatingly recommend your medicine."—Mrs. MAY HAULE, Edgerton, Wis., Pres. Household Economics Club.

FREE MEDICAL ADVICE TO WOMEN.

Don't hesitate to write to Mrs. Pinkham. She will understand your case perfectly, and will treat you with kindness. Her advice is free, and the address is Lynn, Mass. No woman ever regretted having written her, and she has helped thousands.

When women are troubled with irregularities, suppressed or painful menstruation, weakness, indigestion, leucorrhoea, displacement or ulceration of the womb, inflammation of the ovaries, general debility, and nervous prostration, or are beset with such symptoms as dizziness, faintness, lassitude, excitability, irritability, nervousness, sleeplessness, melancholy, "all-gone" and "want-to-be-left-alone" feelings, blues, and hopelessness, they should remember there is one tried and true remedy, Lydia E. Pinkham's Vegetable Compound at once removes such troubles. Refuse to buy any other medicine, for you need the best.



Frances Cook, Box 670, Kane, Pa., says: "DEAR MRS. PINKHAM:—I suffered for ten years with leucorrhoea, but am glad to say that through the use of Lydia E. Pinkham's Vegetable Compound and her Sanative Wash I am cured, for which I am very thankful."

\$5000 FORFEIT if we cannot forthwith produce the original letters and signatures of above testimonials, which will prove their absolute genuineness. Lydia E. Pinkham Medicine Co., Lynn, Mass.

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