

AGRICULTURAL HINTS.

CONVENIENT PIGGERY.

Description and Illustrations of Cheap Hog House and Pens.

These pens may be either single and movable, or built more cheaply, two or more together.

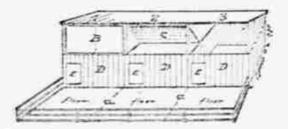


FIG. 1—CONVENIENT CHEAP PIG SHED.

same wooden bolt that fastens the door when closed may by a very simple arrangement be made to secure the door to the rafters out of the way.

When a more expensive hog house is wanted, a double row of pens may be constructed, that will admit sunshine to all the pens through glass.

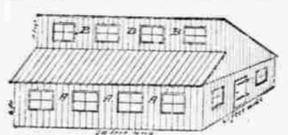


FIG. 2—EIGHT-PEN HOG HOUSE, GLASS WINDOWS.

elevation, see A A A in Fig. 2, is six feet, there being one window in the same for each pen.

Fig. 3 is an end view of the same building. The rafters, A to D, are 11 feet 8 inches long, and joined with the 16-foot rafters B E at 11 feet 8 inches from the eave.

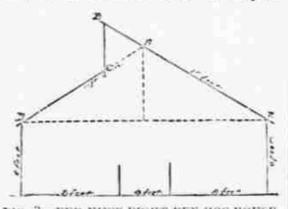


FIG. 3—END VIEW EIGHT-PEN HOG HOUSE.

along rafters from C to A is not sheathed, so there is very little to obstruct the sunbeams.

As to the floors for pig pens, there are divergent opinions. That the dirt floor is the healthier I have no doubt, but it is far more troublesome to keep in good order.

Again, serious objections are raised against building a lot of pens under one roof, some breeders favoring individual pens that can be moved from place to place.

LIVE STOCK NOTES.

The Dorset or the Shropshire are excellent for early lambs. Lambs that can be marketed by the middle of February are the stock that brings in big money.

We think the best way to feed is to cut it up, corn and stalks together, and feed in the manger in the stable.

A wise choice of methods of preparing and feeding the food has much to do in determining profit or loss.

POULTRY TREADMILL.

Keeps Hens on the Move Until They Give Up an Egg.

From England comes the news of a new and ingenious way to make hens lay. The plan has only just been put into operation, but already it has been attended with some measure of success.

His machinery, an elaborate bit of carpentering, consisted of what is called in England a "hen run," which was a sort of Midway Plaisance for poultry.

Not quite all the details have come to hand as yet, but this much is known, that the poultry treadmill was a great success, and a sure shot to get eggs on demand.

Had it not been for a most unpleasant misadventure on Mr. Bernard's part, he might be celebrated among poultry inventors to-day.

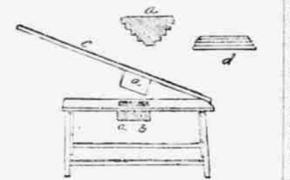
So the treadmill for feathered bipeds has now been torn up, and the hens are pursuing their life of ease in the ordinary manner.

Mr. Bernard will soon be out of jail, however, and will then construct a "run" on even a larger scale than before, taking care this time to secure his lumber legitimately.

SIMPLE ROOT CUTTER.

A Device Which Has Been Used in Scotland for Many Years.

The root cutter portrayed below was in use in Scotland 20 years ago and the past summer I made a trip of two months and found this same root cutter still in use even where they were cutting up roots for 75 head of winter feeders.



ROOT CUTTING MADE EASY.

acres that certainly looked immense. A hard wood plank 1 1/2 feet long and 1 1/2 inches wide has a square end about the center and two pieces of wood (a and b) are fitted with knives, whatever size desired for the roots intended to be cut, and bolted on the tench.

Bread as a Cattle Food.

An English farmer who is feeding bread to stock apparently finds it a cheap as well as a satisfactory ration. It would be interesting to know if others of his class are doing likewise.

If you have coal ashes, sift them, and spread the siftings over the floor of the sheep stables. It is next best to plaster.

PEOPLE.

Mrs. Jules Favre, the widow of the politician who negotiated with Prince Bismarck for the capitulation of Paris, is dead.

It is declared by English genealogists that a monument in a church in East Sutton, Kent, to the second wife of Laurence Washington proves the latter's descent from the founder of Balliol college at Oxford, and the brother of John Balliol, King of Scotland.

Dr. Congressman Harter, who committed suicide recently, once described himself as "a Jeffersonian, whose influence politically is conservative, for safe measures and against radical, unquiet and meddlesome legislation, a useful man in manners, a plain man in dress and a studious man by habit."

Morris M. White, of Cincinnati, and Francis T. White, of New York, brothers and graduates of Earlham college, a Quaker institution in Richmond, Ind., have given the college \$25,000, to be added to the endowment fund and to be known as the John T. White memorial fund, in honor of their father.

GLEANED ASROAD.

Henry Furness, whose political caricatures have hitherto been drawn from the conservative point of view, is now making pictures of parliament for the Liberal Daily News.

Large deposits of platinum have been discovered at Fifield, in New South Wales. One bed of platinumiferous lead ore is a mile long and from 60 to 159 feet wide.

A Druidical dolmen has been transported from Britain and erected again in its original form over the grave of an archeologist named Piketty at Meudon, outside of Paris.

Dr. Welton, head master of Harrow school, makes a plea in the Church Monthly for the severance of sport from gambling. He describes horse racing as "the sport of kings, the noblest exercise of the physical powers of the noblest of animals," and asserts that in ancient Greece no one made a bet at the Olympian games.

THE OLD "STATE OF PIKE."

Once Extended to the Pacific Ocean—Site of the Largest Nursery in the World.

The county of Pike is older than the State of Missouri itself, having been laid out in 1819. The town of Louisiana was laid out in the same year, that Louisiana, Mo., and the "State of Pike" came into history at the same time.

When the Territorial Government established Pike County its southern boundary was the northern line of St. Charles County. The western line was along the divide between the Mississippi and Missouri rivers, to the extreme northern line of the Territory of Upper Louisiana, and . . . extended to the Pacific Ocean on the west and to the forty-ninth degree of north latitude.

One of the biggest institutions in Louisiana, Mo., is the Stark Bros. Nurseries. . . . Eighty years ago there came from Kentucky to Pike County the late Judge Stark, then a young man fresh from Old Hickory's New Orleans campaign.

The business has descended from father to son, and is now conducted by the third generation, assisted by the fourth. This firm has more than 1,000 salesmen and wants as many more; business men, professional men, mechanics, farmers and others, boy or inexperienced, are taught the business and work the year round—receiving good pay weekly.

The brakeman's "all aboard!" ere long will be of little worth. When from the air ship rings the song, "Come, all get off the earth!"—Truth.

THE MARKETS.

Table with market prices for various goods like CATTLE, HOGS, SHEEP, etc.

NEW YORK, March 9, 1903.

Table with market prices for various goods like CATTLE, HOGS, SHEEP, etc.

ST. LOUIS.

Table with market prices for various goods like CATTLE, HOGS, SHEEP, etc.

KANSAS CITY.

Table with market prices for various goods like CATTLE, HOGS, SHEEP, etc.

NEW ORLEANS.

Table with market prices for various goods like CATTLE, HOGS, SHEEP, etc.

COSE TO TEXAS.

The "Lone Star" is waving the flag of the free; then strike for Texas, if men you would be. No fathers are wanted, the thirty and five.

Where corn, oats and cotton; the richest of loam. Which yields to the settlers provisions and some. Trees of every description rise on each hand.

A wide panorama of prairie is seen; Of grasses of all kinds perennially green. Here millions of cattle, sheep, horses and goats Grow fat as if stall-fed or fattened on oats.

Here are homes for the millions, the rich and the poor. While Texas opens wide her hospitable door. She has thousands of acres—yes, millions—to sell.

For a pamphlet fully describing this wonderful country address Gaston Mesler, General Passenger and Ticket Agent Texas and Pacific Railway, Dallas, Texas.

Sunday Observance.

By upholding the sacredness of the Sabbath we are advancing the Holy Father's work in bringing about Christian unity the world over.—Rev. Father Malone, Catholic, Brooklyn, N. Y.

WHERE DID YOU GET THIS COFFEE?

Had the Ladies' Aid Society of our Church out for tea, forty of them, and all pronounced the German Coffeeberry equal to Rio! Salzer's catalogue tells you all about it! 35 packages Earliest vegetable seeds \$1.00.

IF YOU WILL CUT THIS OUT AND SEND with 15c. stamps to John A. Salzer Seed Co., La Crosse, Wis., you will get free a package of above great coffee seed and our 148 page catalogue! Catalogue alone 5c. postage.

Cowardice.

The biggest coward is not always the man who refuses to fight. It takes more courage sometimes to turn away from a brawl than to plunge into it.—Rev. Washington Gladden, Congregationalist, Columbus, O.

Don't Be Too Late for the Steamer.

And don't omit when you are packing up your effects preparatory for the voyage, to include among them a supply of Hostetter's Stomach Bitters, the great remedy for sea sickness, travelers for pleasure or business seeking foreign climes, or who locomote by steamboat or train, besides yachtmen and mariners, testify to the remedial and preventive efficacy of the Bitters, which is incomparable for nausea, headache, dyspepsia, biliousness, rheumatism, nervous and kidney trouble.

ANNA—Is it an interesting story?

Daisy—"Extremely interesting! I don't think I skipped 20 pages."—Tit-Bits.

Madge—If I were in your shoes—

Madge—"Don't talk of impossibilities."—Boston Courier.

When Traveling.

Whether on pleasure bent, or business, take on every trip a bottle of Syrup of Figs, as it acts most pleasantly and effectually on the kidneys, liver, and bowels, preventing fevers, headaches, and other forms of sickness. For sale in 50 cent and \$1 bottles by all leading druggists. Manufactured by the California Fig Syrup Company only.

Great names debate instead of raising those who know how to use them.—Rockefoucauld.

Firs stopped free by Dr. Kline's Great Nerve Restorer. No fits after first day's use. Marvellous cures. Treatise and \$2 trial bottle free. Dr. Kline, 931 Arch St., Phila., Pa.

"You told me you and Harry loved at first sight."—"Yes, but we quarrelled on acquaintance."—Truth.

The Grip of Pneumonia may be warded off with Hale's Honey of Horehound and Tar. Pike's Footache Drops Cure in one minute.

If there is anything in a young man the Rontgen rays should bring it out.

BERNHARD'S PILLS for constipation 10c and 25c. Get the book free at your druggist and go by it. Annual sales 6,000,000 boxes.

WICKEDNESS BRAY PROSPER for awhile, but at the long run he that sets all knives at work will pay them.—L'Estrange.

I HAVE FOUND Piso's Cure for Consumption an unfailing medicine. F. H. LOTT, 1365 Scott St., Covington, Ky., Oct. 1, 1894.

I know no such thing as genius; it is nothing but labor and diligence.—Hogarth.

FOR ALLAYING HOARSENESS AND IRRITATION OF THE THROAT, use "Brown's Bronchial Troches." 25c a box. Avoid imitations.

To be proud of learning is the greatest ignorance.—Bishop Taylor.

How's This?

We offer One Hundred Dollars Reward for any case of Catarrh that can not be cured by Hall's Catarrh Cure.

F. J. CHENEY & Co., Props., Toledo, O. We, the undersigned, have known F. J. Cheney for the last 15 years, and believe him perfectly honorable in all business transactions and financially able to carry out any obligations made by their firm.

WALDING, KINMAN & MARVIN, Wholesale Druggists, Toledo, Ohio. Hall's Catarrh Cure is taken internally, acting directly upon the blood and mucous surfaces of the system. Price 75c. per bottle. Sold by all Druggists. Testimonials free.

Hall's Family Pills are the best.

We are commonly taught our duty by fear of shame, but how can they act upon a man who fears nothing but his own praise?—Johnson.

THE AERMOTOR CO. does half the world's windmill business, because it has reduced the cost of wind power to 1/3 what it was. It has many branches, and supplies its goods and repairs at four doors. It can and does furnish a better article for less money than others. It makes Pumping and Clearing, Steel, galvanized-steel, completion Windmills, Tiling and Piled Steel Towers, Steel Box Frames, Steel Feed Cutters and Feed Grinders. On application it will furnish full particulars of its articles that will furnish until January 1st at 1/2 the normal price. It also makes Trucks and Fringes of all kinds. Send for catalogue. Factory: 12th, Rockwell and Fillmore Streets, Chicago.

WE HAVE NO AGENTS but sell direct to the consumer at wholesale prices. Ship anywhere for examination before sale. Everything warranted. 100 styles of Harness, 41 styles Riding Saddles. Write for catalogue. ELKHART CARRIAGE & HARNESS MFG. CO. ELKHART, IND. W. B. PRATT, Secy.

Hosts of people go to work in the wrong way to cure a SPRAIN, when St. Jacobs Oil would cure it in the right way. Illustration of a person with a sprain.

Premium No. 1 Chocolate Made by Walter Baker & Co., Ltd., Dorchester, Mass., has been celebrated for more than a century as a nutritious, delicious, and flesh-forming beverage. Sold by grocers everywhere.

Best Quality! Largest Size! Lowest Price! Battle-Ax Plug. Illustration of an axe and a hand holding a plug.

The Old Blue-Back Speller. STARK TREES BEARFRUIT. STARK BROS NURSERIES & ORCHARDS. OPIUM. Illustration of a person with a bearfruit tree.

The Ins and Outs of It. If you get best wear out of a coat, best work must have gone into it. You can't get good bread out of poor flour. Moral: You can't get the best out of anything, unless the best is in it; and the best has to be put in before it can be taken out. Now, we have a rule to test those sarsaparillas with a big "best" on the bottle. "Tell us what's put in you and we'll decide for ourselves about the best." That's fair. But these modest sarsaparillas say: "Oh! we can't tell. It's a secret. Have faith in the label." . . . Stop! There's one exception; one sarsaparilla that has no secret to hide. It's Ayer's. If you want to know what goes into Ayer's Sarsaparilla, ask your doctor to write for the formula. Then you can satisfy yourself that you get the best of the sarsaparilla argument when you get Ayer's.