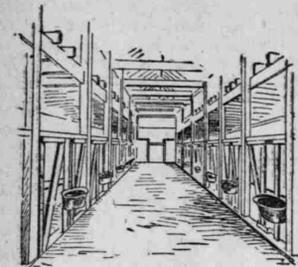


THE FARMING WORLD.

MODEL COW STABLE.

Labor of Feeding and Cleaning Reduced to a Minimum.

The illustration shows a portion of the cow stables, built on at the north end of the barn, the feeding floor being ten feet wide and each side 12 feet for stable.



MODEL DAIRY BARN.

a tub of water in the milk room, Smith's swing stanchions, and a manure gutter in rear of cows. The labor of ventilation, watering, feeding and cleaning the stables is reduced to a minimum.

On this 125-acre farm, of which ten are in woodland, 60 in pasture and 55 in thorough cultivation, things are made to move all the time.

HOW TO KEEP ONIONS.

They Must Be Handled Quite as Carefully as Apples.

Half the secret of keeping onions well is in housing them in a perfectly dry, sound condition. If to be sold before cold weather, keep in any dry place with plenty of air; a loose floor where air can pass up through them is best.

For winter storage, place them in a building with tight floors under which the frost cannot get. On such a floor place scantling, upon which lay narrow boards one-half inch apart.

DEMAND FOR CALVES.

It Is Bigger Now Than It Has Been for a Long Time.

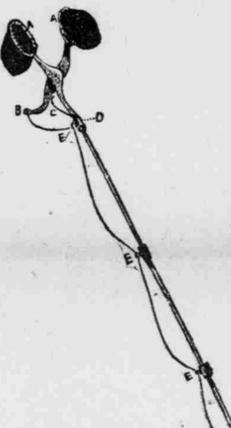
A notable feature in connection with the leading live stock markets is the strong demand for calves that has prevailed for several months past, says the Nebraska Farmer.

Whatever may be the conclusion as to the most expedient course for the immediate present, the remoter teaching is not far to seek. Farmers in the beef growing regions should learn from the unwisdom, so long as they are such heavy growers of grain and forage that must be fed out on the farm, of relying upon others for animals to which to feed them.

HANDY FRUIT PICKER.

It Lands Apples, Peaches and Pears Without Bruising.

The cut shows a device for gathering ripe apples, peaches and pears, without bruising. A are two rings about four inches in diameter, on arms of scissor-like device, acting as spreaders for mouths of velvet pouches, for seizing and holding the fruit—on a time, of course. C is a spring for keeping the device open. B is a lever



EXCELLENT FRUIT PICKER.

to which one end of a string is attached; the other end, after passing through the guide loops, E E E, is in the hand of the operator.

Tightening the string, the device closes. Slacken the string and the device opens to let go the ripe fruit which it has seized. D is socket of device screwed on top of the three-foot lengths of bamboo or some such light but strong material. The rod can be lengthened by adding these three-foot lengths. Unscrewing the pieces reduces the device into small compass for transportation or for storage during winter.—John Saunders, in Ohio Farmer.

ROADS IN ENGLAND.

They Receive Constant Supervision and Excellent Care.

English roads are good because they are well built and well cared for is the conclusion arrived at by a writer who has been investigating the subject. He says they are the finest anywhere in the world.

Paris Green a Good Remedy. Paris green and water, used at the rate of about one pound to 150 gallons of water, is perhaps the simplest and best remedy for all insects that eat the leaves of shade and fruit trees.

MICE IN BIG DEMAND.

A New Toy That Has Caused Their Price to Rise to Ten Cents Apiece.

Not a little attention has been attracted recently by the advertisement of a Westfield (Mass.) firm offering five cents each for live mice in any quantity.

Some weeks ago a shoe dealer arranged in his window an exhibition of live mice and a teeter board. A mouse running up the little board would incline it in the opposite direction, and as the lively little creatures scampered back and forth over the board it would be almost continuously teetering.

The show attracted much attention, and other inventive minds saw its possibilities as an advertising scheme and improved on it by replacing the teeter board by an inclined disk, which rotated rapidly when the mice ran over its surface.

A toy company quickly saw its possibilities and arranged to put the thing on the market. An agent with the sample case of the attractions was sent to the large cities of the central and middle states, and he had but to show it to make a sale on the spot.

The company now has orders far beyond its powers to fill, the chief cause of delay being the scarcity of mice. That is why the price of the rodents is quoted at ten cents in Westfield, with the market bullish.

AFFECTS GERMAN TRADE.

Result of the Recent Tariff Legislation in This Country.

The effect of the recent tariff legislation upon German trade is set out in a report to the state department from the United States consul at Barmen. He says that while there was a decrease in the exports from that consular district to the United States during the first three-quarters of the last fiscal year, there was a marked increase in the last quarter.

Shipments were so large that steamship tariffs were raised. The obvious intention was to supply the demands of the United States market before the Dingley tariff took effect. The manufacturers of cutlery were working day and night, but by the end of August all were idle, thousands of workmen had lost their employment, and it will be quite awhile before the trade recuperates.

DUE TO IMPROVED MACHINERY.

Eastern Cotton Mills Cannot Compete with Those in the South.

A gentleman in Yorkville, S. C., interested in cotton goods manufacture, said a few days ago, reports the Charleston (S. C.) News and Courier, that the inability of the New England cotton mills to compete with the southern mills is not due so much to short days, high priced labor and freights, as it is to the fact that many of the southern mills are comparatively new and have the latest improved machines.

Water Tanks for Churches.

Mr. J. C. Merryweather, a manufacturer of fire apparatus in London, suggests that church towers should be provided with tanks, kept full of water by means of a pump and hose or pipe; that a pipe be carried into the church, with hydrants and hose in convenient positions. Powerful jets could then be brought to bear immediately when an outbreak of fire was discovered.

Canadian Presbyterian Ministers.

In Canada the augmentation fund of the Presbyterian church now secures a minimum stipend of \$775, with a manse, to all its ministers.

THE MARKETS.

Table with market prices for various goods like LIVE STOCK, CORN, WHEAT, etc. across different cities like CINCINNATI, NEW YORK, CHICAGO, BALTIMORE, INDIANAPOLIS, LOUISVILLE.

A Home-Grown Experience.

A man went into an icehouse to cool off. An abrupt and impetuous hired man closed and locked the door and went away. The next day was Sunday and the hired man did not come back. While the man who yearned to cool off waited for the return of the hired man his object was accomplished in a very thorough manner. He cooled off.

Daily Trains to Colorado, Utah and California.

At 10 every night the Chicago, Milwaukee & St. Paul Railway train leaves the Union Passenger Station (Canal and Adams streets, Chicago) with elegantly equipped Palace Sleeping Cars for Denver and other Colorado points, with through connections at Denver for Salt Lake City, Ogden, San Francisco, and points in Southern California.

Caught in the Rain.

Bill—Were you ever caught in the rain? Jill—Yes; that's where I was caught. I was accepted while taking a girl home under my umbrella.—Whim Whams.

Try Grain-O! Try Grain-O!

Ask your grocer to-day to show you a package of GRAIN-O, the new food drink that takes the place of coffee. The children may drink it without injury as well as the adult. All who try it like it. GRAIN-O has that rich seal brown of Mocha or Java but it is made from pure grains, and the most delicate stomachs receive it without distress. 1-4 the price of coffee. 15c and 25c. per package. Sold by all grocers.

The Old Man.

A son is surprised sometimes, when his father unbends a little, to find what a good fellow the old man really is.—Somerville Journal.

Left Destitute!

Not of worldly goods, but of all earthly comfort, is the poor wretch tormented by malaria. The fell scourge is, however, shorn of its sting in advance by Hostetter's Stomach Bitters, its only sure preventive and remedy. Dyspepsia, biliousness, constipation, rheumatism, nervousness and kidney complaints are also among the bodily afflictions which this beneficent medicine overcomes with certainty. Use it systematically.

Take the Air Line

To St. Louis and the West, 53 miles the shortest from Louisville, makes the quickest time, Pullman Sleepers, Parlor and Dining Cars. For complete information address J. P. Maffett, Traveling Passenger Agent, Knoxville, Tenn. R. A. Campbell, General Passenger Agent, St. Louis, Mo.

An Uneventful Life.

"Ever buy a gold brick at half price, uncle?" asked an elderly city boarder. "No," said the innocent old ruralist. "I never had no chance of that kind yet."—Indianapolis Journal.

Star Plug Is Strictly High Grade.

No expense is saved—no false economy is practiced—in the manufacture of Star plug tobacco. It is strictly high-grade in every particular.

Tibbs—"She is not only a fine-looking girl, but they say she has £50,000 in her own right." Nibbs—"What would you do if you had a wife like that?" Squibbs—"Nothing."—Judy.

From any cause a bruise is cured By St. Jacobs Oil. Use it promptly.

A woman who has a nice house worships it like a miser worships his gold.—Aitchison Globe.

Can't cure? Try it. That means Rheumatism cured by St. Jacobs Oil.

When some people smile they seem to say: "When I smile they all love me."—Aitchison Globe.

The worst? It is—sciatia's pain. But St. Jacobs Oil cures it.

Do brides put a piece of their wedding cake under their pillow to dream on?—Aitchison Globe.

MRS. ELLA M'GARVY,

Writing to Mrs. Pinkham.

She says:—I have been using your Vegetable Compound and find that it does all that it is recommended to do. I have been a sufferer for the last four years with womb trouble, weak back and excursions. I was hardly able to do my household duties, and while about my work was so nervous that I was miserable. I had also given up in despair, when I was persuaded to try Lydia E. Pinkham's Vegetable Compound, and to-day, I am feeling like a new woman.—Mrs. ELLA M'GARVY, Neebe Road Station, Cincinnati, O.

Advertisement for ESTEY Organ, featuring a portrait of a woman and text: 'If you ever want to sell or exchange your Organ, remember it will be twice as valuable if the name on the front is ESTEY'.

\$12 to \$35 Can be made working for us. Parties preferred who can give their whole time to PER WEEK, the business. Spare hours, though, may be profitably employed. Good openings for town and city work as well as country districts. E. G. GIFFORD, 11th and Main Streets, RICHMOND, Va.

Advertisement for WINCHESTER GUN, featuring an illustration of a rifle and text: 'SEND YOUR NAME ON A POSTAL CARD AND WE WILL SEND YOU OUR 136 PAGE ILLUSTRATED CATALOGUE FREE'.

Advertisement for SOUTHERN Homeseekers' Guide, featuring text: 'Every homeseeker should address either J. F. MERRY, G. P. A., Manchester, Ia.; W. A. KELLOND, G. P. A., Louisville, Ky.; or S. G. HATCH, D. P. A., Cincinnati, O. for a free copy of the ILLINOIS CENTRAL RAILROAD'S SOUTHERN HOMESEEKERS' GUIDE'.

Advertisement for HARTSHORN SELF-ACTING SHADE-ROLLERS, featuring text: 'NOTICE NAME THIS LABEL ON THE GENUINE HARTSHORN'.

Advertisement for John Wesley's Old Farm Remedy, featuring text: 'FOR TIRED FEELING, CONSTIPATION, GENERAL DEBILITY. Absolutely cures and prevents malaria, stimulates and strengthens the brain. Samples sent FREE every Tuesday. GET WHITE IN TIME. WESLEY REMEDY COMPANY, Cincinnati, Ohio.'

Advertisement for Weeks Scale Works, featuring text: 'STOCK, COAL, HAY, GRAIN, BUFFALO, N. Y. AND COTTON SCALES.'

Advertisement for DROPSY NEW DISCOVERY, featuring text: 'give quick relief and cures worst cases. Send for book of testimonials and 10 days' treatment Free. Dr. H. H. GIBBS'S BROS., Atlanta, Ga. A. N. K.—E 1878 WHEN WRITING TO ADVERTISERS please state that you saw the Advertisement in this paper.'

Advertisement for Walter Baker & Co.'s Breakfast COCOA, featuring an illustration of a woman and text: 'GET THE GENUINE ARTICLE! Walter Baker & Co.'s Breakfast COCOA Pure, Delicious, Nutritious. Costs Less than ONE CENT a cup. Be sure that the package bears our Trade-Mark. Walter Baker & Co. Limited, Dorchester, Mass. (Established 1780.)'

Advertisement for Pearline, featuring an illustration of a sink and text: 'Your sink, basins, tubs, etc., never become clogged with grease, if the washing that's done in them is done with Pearline. A small matter perhaps—but remember that Pearline (no soap) saves trouble and annoyance in a great many just such small matters. And the truth is that these little things alone ought to be enough to lead any quick-witted person to use Pearline (no soap)—even without taking into account the big things, the saving in work, and wear and tear, and time, and money'.

Advertisement for CASCARETS, featuring text: 'CANDY CATHARTIC CASCARETS CURE CONSTIPATION REGULATED THE LIVER ALL DRUGGISTS 10c 25c 50c ABSOLUTELY GUARANTEED to cure any case of constipation. Cascarets are the Ideal Laxative, never grip or gripe, but cause easy natural results. Sample and booklet free. AD. STERLING REMEDY CO., Chicago, Montreal, Can., or New York. 233'.

Advertisement for SAPOLIO, featuring text: 'YOU WILL REALIZE THAT "THEY LIVE WELL WHO LIVE CLEANLY," IF YOU USE SAPOLIO'.

Advertisement for The Youth's Companion, featuring a portrait of a man and text: 'TO GIVE MORE than is promised has always been the practice of The Companion. The two hemispheres have been searched for attractive matter for the volume for 1898, and the contributors for the year include not only popular writers of fiction, but some of the most eminent Statesmen, Scientists, Educators, Explorers and Leaders of Industry. FOR ALL THE FAMILY. The Youth's Companion 82 TIMES A YEAR. The following partial list of contributors indicates the strength and attractiveness of next year's volume: Distinguished Writers. Right Hon. W. E. Gladstone Hon. George F. Hoar Hon. Henry Cabot Lodge Hon. Justin McCarthy, M. P. Hon. Thomas B. Reed Hon. George B. Hoar Lillian Sheldon Prof. N. S. Shaler Story-Tellers. Rudyard Kipling Octave Thanet I. Zangwill Mary E. Wilkins W. D. Howells Frank R. Stockton Mrs. Burton Harrison Hayden Carruth and more than one hundred others. Mr. Gladstone has contributed an important article for the next year's volume of The Companion, to be published in the New Year's Number. NEW SUBSCRIBERS who will cut out this slip and send it at once with 15c for a year's subscription to The Companion, will receive the paper free every week from the time subscription is received to January 1, 1898, and a full year to January 1, 1899. This offer includes the THANKSGIVING, CHRISTMAS and NEW YEAR'S DOUBLE NUMBERS and THE COMPANION'S ART CALENDAR for 1898—in twelve colors, and embossed in gold. It will be found a superior production to any of the famous pieces of Companion color-work of previous years. It is a superb ornament for the home and a costly gift.—Free to New Subscribers. Illustrated Prospectus for the Volume for 1898 and Sample Copies of the Paper Free. THE YOUTH'S COMPANION, 201 Columbus Ave., BOSTON, MASS.'