

DAIRY AND POULTRY.

INTERESTING CHAPTERS FOR OUR RURAL READERS.

How Successful Farmers Operate This Department of the Homestead—Hints as to the Care of Live Stock and Poultry.

Economy of Dairy Practice.

The Pennsylvania experiment station has been making some experiments relative to the influence of quantity of food upon economy of butter and milk production.

1. When the average cost of food consumed per cow per day was 19.9 cents, an increase of 2.5 cents in the cost of the ration produced an increase in the value of the butter product of 3.6 cents, or a net gain of 1.1 cents per cow, amounting to 27.2 cents per day for a herd of twenty-five cows, or \$72.50 per year.

2. A further increase of 2.7 cents per day, making the ration cost 25.1 cents, showed no increase in the butter product, and was therefore fed at a loss.

3. At this point a reduction in the daily cost of the food consumed to 20.1 cents per cow showed a net gain in the daily profit returned of 3.5 cents over the period when the ration cost 25.1 cents, amounting to \$292.50 per year for a herd of twenty-five cows.

4. A further reduction of 3 cents per day in the cost of the ration, making the average cost 17.1 cents, gave the smallest net profit of any period in the experiment, amounting to a loss of 6.3 cents per cow per day when compared with the ration costing 20 cents, and 7.4 cents per day per cow in comparison with a ration costing 22.4 cents.

This means a yearly loss on twenty-five cows when compared with the ration costing 20.1 cents and 25.1 cents when compared with the ration costing 22.4 cents per day.

5. It does not appear to be profitable in the average case to increase the food of animals as long as they will continue to show an increase in the butter product, for beyond a certain limit, which varies with different animals, the increased product is made at a greatly increased cost of food.

6. While there is a danger of loss from over feeding, as is shown by the results in period 3, there is a very much greater probability of a loss occurring from under feeding in ordinary practice, since the most profitable rations in our trials were nearly up to the limits of the appetites of the animals when the consumption of any considerable quantity of coarse fodder was required of them.

7. While differences are shown in the yearly profit returned by animals producing approximately the same quantity of milk and butter, the extremes in the ten animals used in this trial are as 1 to 1.95.

8. The ration giving us the greatest daily profit is lighter in digestible nutriment than that recommended by Wolf and that found to be the average of a number of leading dairymen in Wisconsin, but agrees in all details quite closely with the American standard proposed by Prof. Henry.

Oleomargarine Versus Butter.

The Supreme court of the United States has rendered a decision in the Massachusetts oleomargarine case which affirms in the broadest terms the power of a state government to protect its citizens against fraudulent imitations of articles of food.

William Wesley, Jr., P. S.—I had to scour out the hen house, though. But I don't care, I guess I had more fun out of it than dad.

Ed P. S.—I have had a lot more experience with poultry, and if you publish this I'll write some more.

N. B.—Don't send us any paper this month, I'll see you; dad's awful excitable.

At the last meeting of the Iowa Dairy association Prof. Kent said: The provision of fat in the animal is to provide warmth, and so temperature has much to do with the consumption of the fat in the body.

been passed in any state. So if some of those laws be unfairly strict they only retaliate upon interests which have profited by fraud in the past.

What I Know About Poultry Lice. The following appears in the Interstate Poultryman: Mr. Emory: As I had nothing else to do and you invite people to give their experience about poultry matters, I thought I'd tell you what I knew for your valuable paper.

The Wonders of Irrigation. The eleventh census makes some startling revelations regarding the increase in value of irrigated lands in the west.

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

Test of Style. Mother—That note paper is certainly very quaint, but are you sure it is fashionable?

Going to California? The Burlington route is the only railway running "personally conducted" excursions via Denver to Colorado Springs, Salt Lake, Ogden, Sacramento, San Francisco, Stockton, Merced, Fresno, Bakersfield and Los Angeles at the lowest rates.

Dairying in Nebraska. Is a profitable industry. The grasses found there are excellent and abundant.

Really True. Mrs. DAVANCO—I wish you would not spend your time reading those emotional novels.

One of Many. Frog Hollow Citizen—How is your son doing in the city?

Fastest Time Ever Made. The Monon Route (L. N. & C. R. Ry.) placed in effect on Jan. 15 the fastest schedule ever made between Chicago and Jacksonville, Fla.

W. L. Douglas \$3 & \$4 Shoes. Over One Million People wear the W. L. Douglas \$3 & \$4 Shoes.

Linene. The "LINENE" are the Best and Most Economical Collars and Cuffs worn.

Colchester Spading Boot. BEST IN MARKET. BEST FIT. BEST WEAVING. QUALITY.

Acres Apples. ACRE APPLES, \$1.49. With 25¢ per bushel.

ONE'S ODD MOMENTS.

Things May Be Accomplished in Them for Which One Has No Other Time.

Amid the whirl and bustle of this busy age one of the problems which often presents itself for solution is how to keep abreast with the times without incurring the danger of cutting short one's existence with nervous prostration, which is sometimes very fitly termed "Americianitis."

I have an acquaintance whose systematic planning for these odd times has taught me a lesson from which I have derived great profit, says a writer in Good Housekeeping.

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Highest of all in Leavening Power.—Latest U. S. Gov't Report

Royal Baking Powder

Stub Ends of Thought.

Hope sometimes bags at the knees. A man's resolution to be decent was never strengthened by a drink.

Very few men can make dollars and friends at the same time. Modern love is largely a commercial commodity.

Time comes as fast as it goes. Pluck is the search warrant with which to find opportunity.

A man would be surprised if he were what a woman thinks he is.—Detroit Free Press.

'Twould Do as Well. They tell this story of an absent-minded professor in the University of Pennsylvania.

What do you want? he asked. "I can not be disturbed now."

"I only want to say good night, papa," replied the child.

"Never mind now," as he instantly resumed his writing, "to-morrow morning will do as well."—Philadelphia Call.

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Water gas was first successfully employed in metallurgy in 1890.

If the Baby is Cutting Teeth. Be sure and use that old and well tried remedy, Mrs. Winslow's SOOTHING SYRUP for Children Teething.

The Wax Candle company of London was incorporated in 1493.

Cool's Cough Remedy. Is the oldest and best. It will cure a cold quicker than anything else. It is always reliable. Try it.

Silver candlesticks were known in Britain as early as A. D. 950.

Piso's Cure cured me of a Throat and Lung trouble of three years' standing.—E. Cadz, Huntington, Ind., Nov. 12, 1894.

Amelie Rives Chanler has been in Europe gathering material for a new novel.

Take the Queen & Crescent Route to Knoxville and Asheville. Only Through Car line Cincinnati to Asheville.

Thoughtless. "That's about the most hopelessly foolish achievement of my existence," he moaned.

"What have you done?" asked his wife. "Lent an umbrella."

"I thought you knew better." "It's worse than that. I lent it to its original owner."—Washington Star.

A Gentle Corrective

is what you need when your liver becomes inactive. It's what you get when you take Dr. Pierce's Pleasant Pellets: they're free from the violence and the griping that come with the ordinary pill.

They go about their work in an easy and natural way, and their good effects are felt before they are always in view. Being composed of the choicest, concentrated vegetable extracts, they cost more than other pills found in the market.

They are put up in each sealed glass vial, at the price of the cheapest made pills.

"Pleasant Pellets" cure biliousness, sick and bilious headache, dizziness, constipation, sour stomach, loss of appetite, coated tongue, indigestion, flatulency, windy belchings, "heart burn," peptic, and distress after eating, and kindred derangements of the liver, stomach and bowels.

Put up in sealed glass vials, therefore always fresh and reliable. Whether as a laxative, or in larger doses, as a remedy acting but searching cathartic, these little "Pellets" are unequalled.

As a "dinner pill," to promote digestion, take one each day after dinner. To relieve the distress arising from over-eating, nothing equals one of these little "Pellets." They are tiny, sugar coated, anti-bilious granules. Any child readily takes them.

Accept no substitute that may be recommended to be "just as good." It may be better for the dealer, because of paying him a better profit, but it is not the one who needs help.

A free sample (4 to 7 doses) on trial is mailed to any address, post paid, on receipt of name and address on postal card.

Address WORLD'S DISPENSARY MEDICAL ASSOCIATION, Buffalo, N. Y.

Bottles Double Size AT OLD PRICE.

PERRY PAIN-KILLER

TRY IT FOR DYSPEPSIA.

W. N. U. CHICAGO, VOL. X, NO. 4.

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Other remedies may ST. JACOBS OIL Will cure Sprains, Bruises, and a Backache

W. L. DOUGLAS \$3 SHOE IS THE BEST. FIT FOR A KING. \$3.50 FINE CALF & HAWAIIAN. \$3.50 POLICE, 3 SOLES. \$2.50 CORDOVAN, FRENCH MANUFACTURE. \$2.50 82 WORKINGMEN'S EXTRA FINE. \$2.49 BOYS SCHOOL SHOES. LADIES' \$3.50 \$2.99 \$2.49. BEST GONGOLA. BEST CATALONIE. W. L. DOUGLAS BROOKLYN, N. Y.

W. L. Douglas \$3 & \$4 Shoes. Over One Million People wear the W. L. Douglas \$3 & \$4 Shoes. All our shoes are equally satisfactory. They give the best value for the money. They equal custom shoes in style and fit. Their wearing qualities are unsurpassed. The prices are uniform, stamped on sole. From \$1 to \$5 over every make.

LINEE. The "LINENE" are the Best and Most Economical Collars and Cuffs worn. They are made of fine cloth, both sides finished alike, and being reversible, one collar is equal to two of any other kind. They fit well, wear well and look well. A box of Ten Collars or Five Pairs of Cuffs for Twenty-Five Cents. A Sample Collar and Pair of Cuffs by mail for 10 Cents. Name style and size. Address: IRREVOCABLE COLLAR CO., 27 Franklin St., New York. 27 Kirby St., Boston.

PISO'S CURE FOR GOUT AND ALL RHEUMATISM. Best Gout Syrup. Tastes Good. Use in Time. It Cures. CONSUMPTION.

WALTER BAKER & CO. The Largest Manufacturers of PURE, HIGH GRADE COCOAS AND CHOCOLATES. On this Continent, have received HIGHEST AWARDS from the great Industrial and Food EXPOSITIONS in Europe and America.

"COLCHESTER" SPADING BOOT. BEST IN MARKET. BEST FIT. BEST WEAVING. QUALITY. The outer sole is made of the best material, and the whole length down to the heel, preventing the boot from slipping and in other hard work. ASK YOUR DEALER FOR THE BEST. COLCHESTER RUBBER CO.

35 Cent Patterns TOP 10 CENTS.

These patterns retail in fashion houses and stores for twenty-five to forty cents each, and in order to increase the demand among stampers we offer them to the lady readers of this paper for the remarkably low price of only 10 cents each. Postage one cent extra.

The patterns are all of the very latest New York styles, and are unequalled for style, accuracy, simplicity and economy. For twenty-four years these patterns have been used the country over. Full descriptions and directions are sent with each pattern, with a picture of the garment to be made. These patterns are complete in every particular, there being a separate pattern for every single piece of the dress. Your order will be filled the same day it is received.

Order patterns by number and give size in inches. Every pattern guaranteed to be perfect. MONEY BACK GUARANTEED. To get the best value, put the tape measure ALL of the way around the body, over the dress close under the arms.

Price of each pattern, 10 cents, when ordered on coupon printed below. Postage one cent extra on EACH pattern.



GIRL'S DRESS. Pattern No. 630 is cut in three sizes, viz.: 8, 10 and 12 years. Marlin blue velvet and fancy French plaid serge is here stylishly combined. A simulated yoke of velvet covers the upper portion of the body, back and front. The full front and back is shirred and placed on in pointed outline. Stylish brooches are graduated to outline, and fast gracefully from the shoulders to the waist line, front and back. A standing collar of velvet finishes the neck and the closing is in center back. Double pockets are stylishly arranged over fitted sleeves faced to the elbow with velvet. The full round skirt is gathered at the top and sewed to the lower edge with the good style is desirable for dressed either of silk or woolen fabric and can be suitably diversified in various combinations of colors or materials. One material alone can be used, or variety given by decoration of braid, gimp, ribbon, velvet, insertion or lace.



LADIES' NORFOLK BASQUE. Pattern No. 622 is cut in five sizes, viz.: 22, 31, 39 and 45 inches bust measure. The Norfolk jacket is as popular today as it was in its first season. It has the merits of being very generally becoming, easily adjusted, comfortable and stylish looking, besides being available for nearly all sorts of fabric. As here represented made of velvet, in sort of leather mixture. It forms part of a dressy toilet for general wear, shopping or visiting, etc. The box pattern is formed in the center front, the sides being stitched together to a few inches below the waist line. Under arm gorges fit the sides smoothly and the lacing can be made over the body lining fitted with double darts, or that portion can be omitted if so preferred. The closing is invisible in center front under the middle pleat, but buttons and button holes can be used if desired. The fashionable turn-over collar is in latest mode and the belt of cloth fastens with a dull silk buckle. Any of the reasonable woolen materials will make up stylishly by the mode. See chart in plain or mixed varieties. No. 1000 ladies' collar of the season. A plain finish is all that is necessary. The retail price of this pattern is 25 cents.

COUPON. In ordering, give No. of patterns wanted. Must be paid in advance. Send to any address upon receipt of 10 cents in silver or stamps when this coupon is enclosed with order and one cent for postage, with your address. Address: GOUPEL PATTERNS CO., 1211 Look Box 747, New York.

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