INTERESTING CHAPTERS FOR OUR RURAL READERS.

flow Fuccessful Farmers Operate This Department of the Homestead-Hints as to the Care of Live Stock and Poultry.

Economy of Dairy Practice. The l'ennsylvania experiment station has been making some experiments relative to the influence of quantity of food upon economy for a period of 101 days.

consumed per cow per day was 19.9 own merits, as an acceptable substitute cents, an increase of 2.5 cents in the for batter, but not for butter itself, cost of the ration produced an increase and till they come out fairly and in the value of the butter product of squarely with that policy they hardly quaintance, and at the same time she 3.6 cents, or a net gain of 1.1 cents per | have a right to complain if some of gives one an impression of comfortable, cow, amounting to 27.2 cents per day the legislation intended to prevent for a herd of twenty-live cows, or \$72.50 | fraud bears upon them a little more 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 \$262.50 per year paper. This is the season that the for a herd of twenty-five cows.

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 percow in comparison with a ration costing 22.4 cents.

This means a yearly loss on twentyfive caws when compared with the ration costing 20.1 of \$172,50 and \$555.00 when compared with the ration costing 22.4 cents per day.

in the average case to increase the food of animals as long as they will continue to show an increase in the could so he is light in it. The takes butter produce i, for beyond a certain limit, which varies with different animals, the increased product is made at a greatly increased cost of food.

from over feeding, as is shown by the results in period 3, there is a very he hard it so nice and clean. much greater probability of a loss feecurring from under feeding in ordinary but I didn't say anything. Boys practice, since the most profitable know a good deal more than they let rations in our trials were nearly up to the limits of the appetites of the uni- where the little red lice were thicker mals when the consumption of any considerable quantity of coarse fodder | if I told on did he'd be het and he'd was required of them.

yearly profit returned by animals pro- lied, so I thought up a plan to make ducing approximately the same quanti- him repent and see how, he'd like to ty of milk and butter. The extremes | roost in a hen house with all them red in the ten animats used in this trial are as 1 is to 1.95

8. The ration giving us the greatest daily profit is lighter in digestible forty-her years, so he goes to bed early nutriment than that recommended by Wolff and that found to be the aver- man in this whole county. So I got a age of a number of leading dairymen, tin hor with a lid on and segoped it in Wisconsin, but agrees in all details full of red lice-about five hundred quite closely with the American stand-

ard proposed by Prof. Henry. Olemargarine Versus Butter. States has rendered a decision in the emplied the box on the bed. It was street line and makes \$5 more a week the ezar of Russia as the head of their Massachusetts oleomargarine case awful hot and they had a good chance. as New York society correspondent of church. which affirms in the broadest terms | Dad's pretty fat. I sleep in the next | the Bungtown Bagle. the power of a state government to room. I went to bed with my clothes protect its citizens against fraudulent on so if I got in a harry I'd be ready. imitations of articles of food. The I waited and waited and began to think opinion of the court is that it is with- dad was too tough for 'em, but pretty in the power of a state to exclude soon dad quit snoring. Then I knowed from its markets any compound man- the things was working and I just held ufactured in another state which has my breath and listened. Dad began to Fla., at 9:35 a. m. the second morning. been artificially colored or adulterated turn over and then turn back, and to so as to cause it to look like an article | throw his limbs around promisedof food in general use, and the sale ous like and to say things out of which may, by reason of such color- loud, I thought I'd bust, but I ation or adulteration, cheat the gen- knowed I had to keep quiet if I swaleral public into purchasing that loweleverythect on the bed. I never which they may not intend to buy. The aght dad could be so active. It was "The constitution of the I nited States ; a whole lesson in gymnatics. I felt . does not secure to any gue the priviling comething was going to hapflege of detranding the public." The pen som, so I slid out on the kit then Chleago Tribune, commenting on this roof. Dad couldn't stand it no longer ed, with the finest dining and sleeping well says: Some people connected and got up and lit a match to see what with the manufacture of butterine in ailed him. You would have died had this city are quoted assaying if the state | you seen dad's face while he was looktake advantage of this decision it will ing at that bed. I slipped down off close the market against the product the roof and slept in the hay mow that McDoel, vice-president and general and affect the price of cattle. Either | night. I thought maybe dad would cattle would have to be sold more cheaply or meat cost more to the consumer if the manufacturers of butterine were unable to find a market for the 90,000,000 pounds of that material which they make per year. That is an awkward way of stating the case, because it will allow some people to draw the unfounded inference that nobody would knowingly buy butterine for his or her own use and that the consumption of the article can not be procured except by a cheat. If this were true the states ought to rule out the fraud. It is the duty of their government to protect the citizens from all kinds of cheating, and certainly not less so in regard to food, drink and drugs than to other things. But is it 80? It must be admitted that in the earlier days of its manufacture here month, I'll see one; dad's awful exbutterine was pushed into use by sell- eitable. ing it for 'utter, and that probably its consumption now would be far less extensive but for that fact. Yet it surely ought to be able to provide warmth, and so temperature stand on its own merits by this time. has much to do with the consumption The manufacturers tell the truth in of the fat in the body. A large prosaying that good butterine is much preferable to poor butter, and that very many consumers are wise enough to believe that. It is undeniable that one great reason for legislating against its sale under ordinary conditions has been the fact that it was sold for what

it was not, and it is probable that but

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. The use of butterine is so well established that it is assured of an extensive consumption by people who would know they were not eating butter. And if not it should not be sold at all. There is no more right or reason in foreing it upon people who suppose they are paying for butter than in obliging them to consume pork or coffee when they think they are paying for beef or tea and much prefer the latter. Honesty ought still to be the best policy, of butter and milk product which can not flourish except by economical use of the odd momentscorn meal, wheat bran and linseed allowed in the articles which people thing. meal were fed to ten fairly good cows | take into their stomachs. The butterine men should see to it that their 1. When the average cost of food product is offered to consumers on its heavily than they think is fair.

What I Know About Poultry Lice. The following appears in the Inter-

State Poultryman: Mr. Entron: As I had nothing else to do and you invite people to give their experience about poultry mat-I thought I'd tell you what I knew for your valuable hen lice get in their work most effect-4. A further reduction of 3 cents per 'ively. Our family consists of me and dad and ma and about seventy-five Plymouth Rocks-little and big. Dad is sick and not feeling well. He had an argument with ma about satting a hen. He wanted to try the inverted sod we read so much about in the papers, but min wouldn't have any such facilistiness. Ma has a convincing way about for a lien she argues and that is what made dad sick. I should think dad would know it by this time, but he's as stubborn as a made. You don't eatel me argaing with ma. Ma says 5. It does not appear to be profitable dad don't know enough phont a hen to last over Samday, but it you could hear dud talk when ma sin't around you care of our chickens. Oh, yes, about the hardles. The other day I heard dad tell Jim Slapson all about how to keep away the live from your hen 6. While there is a danger of loss house, and he said you couldn't find a louse la all his hen house because knowed that was all bluff, on. Threw a place in our hen house than people at a free show. I knew make me clean 'em out. That's no 7. While differences are shown in the | snap. But dud oughtn't tell fibs about lice this hot weather. He't sorry for

> -he can stand more rest than any million of them-and took them up stairs after dad had gone to bed. When I heard dad snoring-I should think snoring would be teo hard work for

the hand Pad he was bern tired and

it's been growing on him for about

want my bed. Dad had to get the coni oil can and take a kerosene bath right away-that knocked them out. If you want to see a whole circus of wild beasts just ask dad what he knows about hen lice. You don't need to send us any paper this month, as dad is awful excitable, and being sick the doctor says he must keep perfectly quiet or he won't be responsible for Yours truly,

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

2d 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

AT the last meeting of the lowa Dairy association Prof. Kent said: The provision of fat in the animal is to portion of fat is needed in the winter time, and from this fact it is necessary to conclude that a wider ration is needed in the winter than in the summer. Fat can be formed by both the animal and vegetable economy. Some have said that fat can be formed from the proteins, while others contend that fats are formed from the starch of the for this no restrictive laws would have food.

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 "Americanitis." There are so many things which demand time and attention, the days are so short and fly by so rapidly, that there is little cause for wonder when one becomes as it was in "the good old times," or discouraged. There is, however, a was supposed to be. The industry secret of importance to us all in the tion, In a summary they say: wholesale fraud on the community has the little between times when we are Varying quantities of a ration consist- no right to flourish at all, and it is most of us very apt to feel that there ing of timothy hay and a mixture of especially desirable that fraud be not is not time enough to do really any-

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. She accomplishes more than any other woman of my acleisurely living. She never seems to be unduly hurried, is never apparently disturbed by a morning call, has time to devote to her family and friends, and her home is carefully and nicely kept. What, then, is the secret of it

She uses her odd moments.

One would not believe how many odd times come into the very busiest lives, nor how much may be accomplished by planing to make use of them, until one has tried for one's self.

The Wonders of Irrigation.

The eleventh census makes some startling revelations regarding the increase in value of irrigated lands in the west. Tracts which a few years ago were not worth the government price of \$1.25 an acre, are now worth all the way from \$100 to \$300 an acre, and some command even higher figures. Immense crops and no failures justify these seemingly extravagant prices. Though irrigation in the United States is still in its infancy, the value in 1890 of the irrigated areas, with their water rights, was about three quarters that of all the gold and silver mines in the United States, with their railroads and other improvements.

The New York Sun recently contained a very interesting article on the great work of reclamation now going on in the Pecos valley of New Mexico. This is the largest irrigation enterprise in America and will eventually reclaim over 400,000 acres. The Pecos valley is a wonderful fruit country, such high authority as Parket Earle, president of the American Horticultural society, stating that its apples, in particular, surpass those grown anywhere else in the world. It is said that lands can now be bought in the Pecos valley at first prices, sure to double and quadruple within the next few years. In the Stock Exchange building in Chicago is a display of fruits from the valley which is well worth going a long distance to see by any one interested in irrigation and its possibilities.

Really I'ure.

Mrs. D'Aynoo-I wish you would not spend your time reading those emo-

Miss D'Avnoo-Oh, this is not emotional a bit. It's purely financial. The heroine marries the man her mother

One of Many.

son doin' in th' city?

The Supreme court of the United him. I shipped into his room and \$15 a week as cardriver on the Steenth ants of North America acknowledged

Fastest Time Eyer Made. The Monon Route (L.N. A. & C. R'y) placed in effect on Jan. 15 the fastest schedule ever made between Chicago tanooga. and Jacksonville, Fla., leaving Chicago at 8:30 p. m., arriving at Jacksonville, making direct connection with the morning departures from that point with all diverging lines, and arrive at interior and southern Fiorida points by daylight; St. Augustine and Palatka before noon; Ocala, Orlando, Sanford. Winter Park, Bartow and Lampa early in the afternoon: Titusville and Rockledge before supper, and Lake Worth before bed time. The trains are vestibuled. Pintsch lighted and s'eam heat car service in the world. For full information regarding rates, campblets and through sleeping car tieliets, call at the Monon Route ticket office, 232 Clark street, Chicago, or address W. H. manager, Frank J. Reed, general pas-

It has come to be the custom to wear only strictly high neck dresses at any other hour than evening. A dress may be extremely handsome, indeed as elegant as one chooses, but should be close at the throat. Even at the most formal receptions and weddings, before 6 o'clock, this rule is observed by the lest society.

In Olden Times

People overlooked the importance of permanently beneficial effects and were satis fied with transient action; but now that it's generally known that Syrup of Figs will permanently cure habitual constination, well-informed people will not buy other laxatives, which act for a time, but finally injure the system.

E. A. Abbey's paintings of the frieze of the delivery room of the new Boston public library are now on exhibition n London. They represent scenes in the story of the "Quest of the Holy

Lord Burton has recently given a 370,000 town hall to Eurton-uponcent. He and his father, the late ichael Bass, have already spent over sangon on buildings for the town.

The Queen & Crescent Route is the best equipped and shortest line to torida. Solid Vestibuled Trains and Through sleepers. Parlor cafe and observation cars to Chattanooga.

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Coe's Cough Baisam

In the oldest and best. It will break up a Cold quick-er than anything cise. It is always reliable. Try it.

Silver candlestics were known in

Piso's Cure cured me of a Throat and

Take the Queen & Crescent Route to

Knoxville and Asheville. Only Through

Thoughtless.

foolish achievement of my existence,"

"I thought you knew better."

original owner. "-Washington Star

"That's about the most hopelessly

"What have you done?" asked his

"It's worse than that. I lent it to its

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is what you need when your

liver becomes inactive. It's

what you get when you take

Dr. Pierce's Pleasant Peliets:

they're free from the violence

and the griping that

come with the ordinary

pill. The best medical

authorities agree that

in regulating the bowels

mild methods are pref-

erable. For every de-

rangement of the liver,

stomach and bowels,

these tiny, sugar coated

pills are most effective.

They go about their

work in an easy and

nainral way, and their good lasts. Once med,

they are atways in in-

vor. Being composed

of the choicest, concen-

trated vegetable ex-

tracts, they cost much

found in the market,

yet from forty to forty-

four are put up in cach

sold through druggists, at the price of the

and bilious headache, dizzmess, costive-

ness, or constinution, sour stomach, loss of

appetite, coated tongue, indigestion, or dys-

pepsia, windy beichings, "heart-burn,"

pain and distress after eating, and kindred

derangements of the liver, stomach and

bowels. Put up in sealed glass vials, there-

fore always fresh and reliable. Whether

as a laxative, or in larger doses, as a gently

acting but searching cathuttic, these little

As a "dinner pill," to promote digestion,

take one each day after dinner. To telieve

the distress arising from over-eating, noth-

ing equals one of these little "Pellets."

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"Lent an umbrella."

he moaned.

Be sure and use that old and well-tried remedy. Mas

WINSLOW'S SOCTHING SYRUP for Children Teething

ployed in metallurgy in 1890.

Britain as early as A. D. 950.

absolutely

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 'ime.

Modern love is largely a commercial | don was incorporated in 1493. commodity.

Cynicism is the salt of disappoint-

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 Lung trouble of three years' standing .-E. CADY, Huntington, Ind., Nov. 12, 1804. what a woman thinks he is .- Detroit Free Press. Amelie Rives Chanler has been in Europe gathering material for a new

Twould Do as Well.

They tell this story of an absent minded professor in the University of Pennsylvania. He was writing at his desk one evening when one of his children entered.

"What do you want?" he asked. ". can not be disturbed now," "I only want to say good night,

papa," replied the child. "Never mind now," as he instantly wife. resumed his writing, "to-morrow morning will do as well."-Philadelphia

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, Ohio.

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Test of Style.

Mother-That note paper is certainly very quaint, but are you shure it is fashionable?

Daughter-Oh, it must be. It's almost impossible to write on it.-New York Weekly.

Going to California? The Eurlington 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. Pullman tourist sleeping car through without

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The headquarters of the Russian Frog Hollow Citizen-How is your church in America are at San Franeisco. Thirty years ago, according to Bungtown Man-Fust rate. He sits Roman statistics, fully 16,090 inhabit

> To New Orleans the Queen & Crescent Rout is the direct line. 90 miles shortest from Cincinnati. Vestibuled Trains. Cafe and parlor cars to Chat-

Miss Cora Benneson, a graduate of the law school of Michigan university has been admitted to the bar in Massa-

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## 35 Gent Patter

stores for twenty-five to forty cents each, in order to increase the demand among stran paper for the remarkably low price of only Monta Bach. Postage one cent extra. The patterns are all of the very latest New York styles, and are unequaled for style accuracy of fit, simplicity and economy. For twenty-four years these patterns have been used the country ever. Full descriptions and directions -as the number of yards of material the number and names of the different the pattern, how to cut and fit and put the garment together—are sent with each pattern, with a picture of the garment to go by. 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 Order patterns by number and give size

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sizes, viz.: 8, 10 and 12 years. Marino blue volvet and fancy French plaid serge is here stylishly combined. A simulated yoke of veiret covers the upper portions of the fitted body, back and front. The full front and back is shirred and placed on in pointed outline. Stylish bretelles are graduated to points, and fall gracefuly 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 poss are stylishly ar ranged over fitted sleeves faced to the elbow with velvet. The full round skirt is gathered at the top and sewed to the lower edge of walst The mode is desirable for 4resses either of silk or woolen fabric and can be suitably developed in various combinations of colors or material. One material alone can be used, variety being given by decoration of braid, gimp, ribbon, vol vet, insertion or lace.

The retail price of pattern is 25 cents.



LADIES' NORFOLK BASQUE. Pattern No. 6282

mended to be "just as good." It may be The Norfolk lacket is as better for the dealer, because of paying day as it was in its first season him a better profit, but he is not the one 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 repre-A free sample ( to 7 doses ) on triat, is mailed to any address, post paid, on receipt sented made of vicuna in a sort of heather mixture it forms part of a dressy tollet for general wear, shopping or visiting, etc. The box plaits are formed in the fronts and back, the under sides being stitched together to a few inches Address WORLD'S DISPENSARY MEDICAL below the waist line. Under arm gores fit the sides smoothly and the basque can be made over the body lining fitted with double darts, or that portion can be omitted if so preferre The closing is invisible in center front under the middle platt, but buttons and button holes can be used if desired. The fashionable turnover collar is in latest mode and the belt of cloth fastens with a dull gilt buckle. Any of the seasonable woolen materials will make up stylishly by the mode. fve, eheviot, in plain or mixed varieties, ho. spun ladiescloth, or fine flagnet. A plain tinish is all that is neces-

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