

How to Raise Value of Market Eggs

Give the hens clean nests and plenty of them. Gather eggs twice daily during warm weather and daily during other seasons. Handle eggs just as little as possible. Every time they are handled they deteriorate. Market eggs of the correct size, 24 to 28 ounces per dozen. Overly large or very small eggs should be culled out. Clean eggs only will bring best prices. Have clean nests and clean houses. Never wash the eggs as it spoils the bloom and spoils the keeping quality. The last thing a hen does before laying an egg is to deposit a fluid about it which seals it, as it were, and acts as a protection. Produce infertile eggs. They stand shipment better than fertile eggs; they do not develop germs, withstand the heat, cost less to produce, and seldom decay from any trouble in the interior of the egg. Kill, sell or confine the mature male birds as soon as the hatching season is over. Keep the eggs in a cool place. A dry, cool room, or a dry, cool basement or cellar, will prevent shrinkage, mold and chick development. Don't let eggs come in contact with bad odors such as paints, kerosene, cabbage or decaying vegetables or meat. Held eggs deteriorate. They shrink

In weight, evaporation takes place and they lose their flavor and freshness. Market the eggs twice a week in hot weather.

Keep one variety of poultry and produce eggs of one color. Market your eggs in clean, 30-dozen cases, or in cartons holding one dozen eggs, depending upon the demand. Don't expose eggs to flies and dust and dirt and thus spoil their appearance. Confine broody hens or remove them at once to the hatching department. Never expose market eggs to the direct rays of the sun, to extreme heat or to rain. Keep the poultry houses free from vermin, clean and sanitary. Feed wholesome food and provide pure water in clean vessels. Sell your eggs only to buyers who buy loss-off and who are willing to pay you for quality.

How to Keep Bread Fresh.

Bread may be kept a long time in a suitable oxygen-free atmosphere. In a recent American Chemical society paper, Arnold Wahl pointed out that as the bread cools, the carbon dioxide in its pores is condensed and dissolved in the free water of the bread, and the resulting vacuum causes an absorption of gases from the atmosphere. Cooled in ordinary air, oxidation of the protein by the absorbed gas renders the bread stale in a few hours. Mr. Wahl has found preferable an atmosphere of carbon dioxide freshly produced by fermentation, and when cooled in this the bread is so modified as to remain fresh several weeks.

The Royal Way.

Dear laughing eyes, I will not pray
That God shall never send you tears;
That cloudless sunshine, day by day,
Shall brighten all your coming years.
I pray that still through cloud and rain
Your inner depths may hold their light,
And under happiness or pain
You find the Father's meaning bright.
Rejoicing in all life's meaning right,
Your title of high womanhood.

Dear girlish hands, I will not choose
The softest, daintiest tasks for you;
God send you strength to give and use,
God send his work for you to do,
The sacred ministry to need,
The round of household toil and care,
The binding up of hearts that bleed,
The girding up of hearts that dare—
The labor of love's law made good
In royal years of womanhood.

Dear dancing feet, I would not make
Your path all smooth from thorn and briar;
The climbing road be yours to take,
The thorn-set, splendid struggle higher.
God give you still life's springtime zest,
Never content with what is past;
God grant you through earth's weariness
To walk undaunted to the last.
Climbing the steep of hard-won good
To heaven's height of womanhood.
—The New Guide.

BARREL OF APPLES PAID FOR HURLER NOW FAMOUS

That is All Connie Mack Got for Stanley Coveleskie, Star Pitcher of the Cleveland Team.

Every once in a while the papers used to print a story about a pitcher who was with the Washington club, and once, according to the yarn, had once been traded for a hunting dog. Whether the tale was true or not, it made good reading for the fans. But Connie Mack has that beaten. The Washington pitcher never amount-



Stanley Coveleskie.

ed to anything as a big leaguer. Connie got a barrel of Oregon apples for one of the present hurlers of the country. And he wasn't even asked if the price was satisfactory.

Stanley Coveleskie, who has been doing great work for Cleveland, got his first major league trial with the Athletics a few years ago. He pitched three or four games, in one of which he shut out the Tigers.

Connie didn't think the lad was quite ready. So he sent him to Portland, Ore., with a proviso that he could be repurchased. This was very necessary, inasmuch as the Cleveland club, for several years, has had first call on all Portland players.

While Coveleskie was with Portland there was some change in the organization of the club, which involved the making out of new papers. The owner forgot to protect Mack's claim to Coveleskie, and when the deal was completed Cleveland had a grip on him. Mack naturally protested, holding that the player belonged to his club, in which he probably was right. But he never got any action. All that he did get was the barrel of Oregon apples, sent to him by the club owners, apparently as a peace offering.

Connie says that a pitcher is a pretty cheap buy at the price of a barrel of apples, even if fruit is away up at this time. Anyone with another Coveleskie to peddle can get a carload of apples from Mack, or from any other manager.

Silk Net Is Durable.

Silk nets, expensive, of course, but more durable than tulle, come in every color of the rainbow and every shade of the colors. They have less crisp airiness than tulle, but are very lovely and so soft that they allow great fullness of skirt or flounces.

Made over chiffon, they must be held out by crinoline or a petticoat, if they are to stand out; but many women like fullness without exaggerated flare or silhouette width, and a satin lining with enough satin frankly used on the outer part of the frock to raise the slip from the rank of linings, is often used in place of chiffon. A bit of plain color in substantial material is, in fact, introduced upon the outside of many of the finest frocks.

Restricted Means.

She—Somebody said you were loony, but I wish you were more like the moon than you are.
He—Why do you wish that?
She—Because then you would pur get getting full till you had got down to your last quarter.

LIVE STOCK IS NECESSARY FOR FERTILITY



HERD OF DUAL-PURPOSE SHORTHORN COWS.

(By FRANK D. TOMSON.)

Comparatively few farms are adapted to strictly special purposes and fewer farmers are inclined to specialized vocations. The income on the farm is usually of larger value when derived from several sources. The maintenance of live stock is a necessity in order to maintain fertility. The production of live stock necessitates grasses for pastures and meadows which conserve and build up the soil fertility. Crop rotation naturally follows.

The question arises as to what breed of live stock is best adapted to the conditions and will insure the largest returns. Long experience has proved the combination of beef and milk production the most profitable and best adapted to the varying conditions in all parts of the country. Here and there a man devotes his entire attention and resources to beef making; exclusive dairying is engaged in by a limited number; but the great mass of farmers are neither inclined to the best advantage in these individual or specialized lines.

The breed of cattle that meets the needs of this large aggregation of average farmers, that suits their conditions, that may be relied upon to yield a profitable return, is the breed that experience has shown combine a profitable yield of both beef and milk. There are several breeds that combine to a greater or less degree these characteristics. The Shorthorn is the most widely disseminated and has been bred in greater numbers for many generations. The distinctive characteristics of the breed are adapted to the conditions described. When not in milk the cows readily take on flesh, and if occasionally one does not yield a liberal flow, she quickly converts the feed consumed into beef and is thus working toward the profit mark through one channel or the other all the time. The calves, if the owner desires to dispose of them, are eagerly sought for feeders and butchers at advanced prices. If they are developed on the farm they make liberal gains and attain larger weights at a given age than most other breeds. The quality of flesh has always made the Shorthorn popular at the packing centers. Combined with these advantages,

the Shorthorn has a docile temperament that has long been a factor in its popularity. Shorthorn blood has a very decided potency and improves all classes of stock upon which it may be used.

The Live Stock Journal, London, England, July 20 issue, states editorially as follows: "In the matter of the adaptability of breeds it never be forgotten that the great source of improved beef blood the world over has been the Shorthorn. The milk stock of New England and the Longhorn of Texas both received their first improvement through the heritage from Bates and Booth and the Collings. In the blue-grass region the sons and daughters of Durham found their best environment, and the Shorthorn became then, as it still remains, the backbone of the corn belt and the stay of the general farmer. In the West and Southwest the first 'warming up' given the scrub and Mexican cattle was at the hands of this breed; the rise in the beef industry in the Argentine is almost inseparable from the expansion of the Shorthorn interests, while from 70 to 80 per cent of the Australasian chilled beef is evolved from grass beneath red, white and roan pelts. In such a manner this British breed of generalized achievement encircles the world. Its adaptability grants it the pioneering quality; its all-around usefulness decrees its permanence."

The Polled Durham is the hornless Shorthorn, and a favorite with many on account of its hornless feature. The red Polled breed is also a favorite in some sections and combines the beef and milk characteristics. But the Shorthorn has been the favorite from one end of the country to the other because of the several qualities that are combined and that are produced from generation to generation, working improvement wherever applied.

It is this dual purpose characteristic that suits the purposes of the great mass of farmers who, for various reasons, do not engage in specialized farming. Mixed husbandry has long been recognized as the foundation of our agricultural prosperity and the Shorthorn has admirably and successfully contributed in large measure to the advancement of diversified farming.

DISINFECT POULTRY HOUSE FOR VERMIN

Sunshine Is Most Effective and Economical Germicide That Can Be Thought Of.

(By N. L. HARRIS, Kansas State Agricultural College.)

One is safe in using almost any of the common coal-tar dips that are on the market for disinfecting poultry-houses. The most inexpensive of these products are the common stock dips which should be mixed at home. Most of the poultry sprays on the market are nothing more than the stock dips ready for use.

The eggs of mites hatch in from seven to ten days, so in order to get rid of vermin it is necessary to follow the two-week rule. Occasionally the entire house should be sprayed. The spray is made up to a strength of 3 per cent or three parts coal tar dip to 97 parts of water. Common kerosene is also effective in getting rid of lice and mites. It is used in proportion of 97 parts kerosene to three parts coal-tar preparation. The ordinary hand or bucket spray pump is used. The most effective and economical germicide that can be used at any time of the year is sunshine.

COLT REQUIRES BOTH ATTENTION AND FEED

Growing Foal Needs More Food Than Milk Given by Dam to Make Mature Weight.

(By PROF. M. G. THORNBURG, Department of Animal Husbandry, Iowa State College.)

To make an 1,800-pound horse at maturity, the colt should weigh from 600 to 700 pounds at weaning time and 1,000 pounds at one year. To make the usual standard of 60 per cent mature weight at 12 months, the growing colt needs more food than the milk given him by his mother.

Some oats, fed in a separate box so his mother cannot get it, is better for growth than corn because it is a more balanced feed. A little bran and corn will do if the oats are not available. Even if the colt is on pasture, he needs a little grain.

If the mare is working, the colt should not follow her, wearing himself out in the hot sun. He should

Orchard Neglected. A large orchard poorly planted and poorly tended will not produce as good results as fewer trees well cultivated.

Keeping Fat Record. Are you keeping a butterfat record of your cows? If not, try it, and you will find many surprises.

Sharp Teeth. It pays to keep paw points and cultivator teeth sharp. A dull tool will never do effective work.

Fine Expression.
In a review of a novel we come across this suggestive sentence: "Here, too, characters that transmute common things into gold by the alchemy of the spirit." The finest thought of the day is expressed by that modest sentence. The great problem in religion, education, business, politics, and society concerns itself with that transmutation. It suggests a finer life than one gets out of the materialism of the age, with its luxury, pleasure, selfishness, ill will, spite, and overreaching. The evolution of the day is toward the sanctification of every-day experience and infusing heroism into common life. That is what must eventually happen if humanity ever gets to be what it should be. It is a long way to that end, longer, perhaps, than from the monad to man, as Emerson expresses it, but thither the evolution proceeds.

Its Purpose.
"So this is the prison laundry?"
"Yes, ma'am."
"I suppose you wash and iron the convicts here."
A man says "I may" and a woman "I will."

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GRAND AMERICAN HANDICAP

The Greatest Trapshooting Event of the Year, Won with Winchester "Repeater" Shells.

The Grand American Handicap, the trapshooting classic, equivalent to the World's Series in Baseball, the highest honor the world has to bestow in trapshooting, the event that marks the climax in the trapshooter's career, was won by Capt. J. F. Wulf, of Milwaukee, with the wonderful score of 99x100 from the 19-yard mark. In making this great win he shot Winchester "Repeater" loaded shells.

The National Amateur Championship was won by F. M. Troeh, of the State of Washington. Mr. Troeh also took second place for National Amateur Championship at Doubles. He also won the Mound City Overture, and the General Average on all targets, and General Average on 19-yard targets. In winning all these events, Mr. Troeh used a Winchester repeating shotgun.

The Women's National Championship, the first event of the kind ever staged at a Grand American Handicap, was won by Mrs. J. D. Dalton, of Warsaw, Indiana, with a Winchester repeating shotgun.

The Dunsbaugh Trophy, emblematic of the Professional Championship, was won by Phil R. Miller with a Winchester repeating shotgun. The Hercules All-round Amateur Championship was won by Edw. L. Bartlett, of Baltimore, with Winchester loaded shells. This was a hard match to win, as it called for 50 singles at 18, 20, 22 yards, respectively, and 25 doubles at 16 yards.

This was a great cleanup for Winchester guns and shells and a demonstration of their wonderful shooting qualities.

UNsuspected Efficiency.

The bureau of plant industry is endeavoring to improve tobacco by scientific study of the different brands. To eliminate the personal equation in conditions, the bureau has a carefully regulated apparatus for testing the burning quality of cigars. The "pull" on the cigar is secured by means of an aspirator, which is filled by a continuous inflow of water and emptied at regular intervals by a siphon. The "pull" occurs at intervals of 30 seconds and lasts for a period of ten seconds. The apparatus smokes four cigars of the perfect type in about 30 minutes.—Tobacco.

Gratification. "You go to church more frequently than you used to."

"Yes. And apart from the instruction I derive a great deal of satisfaction from my attendance. It's a great comfort to be where people sing and play fine music without anybody's spoiling it by putting in ragtime words or wanting to dance."

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Ignoring Each Other's Faults Brings Happy Wedded Life

By LAURA JEAN LIBBEY.

What! Would you that we re-embrace— We two once more? Are these your tears that wet my face Just as before?

It does not augur well for future happiness for a bride or groom to commence finding fault with each other ere the honeymoon has barely waned. Marriage is always an eye-opener to the most romantic, deluded pair. It is wisdom for both to hold the tongue concerning what they have found out about each other. If the wife likes to set up in the wee sun's hours—reading novels—a habit the husband never dreamed she possessed—he will not gain in her opinion or affections by railing crossly at her. The memory of an unkind word can last for years. Wise is the man who would calmly remark: "When you have finished reading, be sure you turn the light quite out and see that the door is locked," then turn his back and drift peacefully out into the land of dreams. Wifely would not be half

so apt to turn the pages over tantalizingly until broad daylight. If a wife discovers her bridegroom spends half of his salary in cigars and treating friends—is actually a spendthrift, a fact she never knew before—instead of raising a great row over the missing sum from his weekly pay envelope, she should by womanly tact and loving kindness warn him from his fault by degrees without giving him so much as a hint that she had discovered his weakness and was devoting all her energies to battling silently against it. If she denounced him as a spendthrift, he would lose at once his fear of her finding it out.

And so on with the trifling faults of each to the greater ones. The reason why some married couples cannot agree is because they find singular pleasure in throwing up to each other the faults they have discovered.

Married life, in the majority of cases, consists of keeping tabs on each other and keeping to oneself what she or he finds out. Those who adhere to this plan have a fairly happy life of it together. The couples who taunt each other with what they know of each other's faults or follies wrangle all through their wedded days, having a wretched existence of it.

Ever could not keep a secret. She divulged what she had found out. It is natural for her daughters to follow her example. Then trouble will catch them if they don't watch out.

The Plaited Skirt.

Plaited skirts often give trouble with the back closing. To keep it from parting, do not open it in the center back seam if you have an inverted or box plait, but have the skirt ready for the band, all seams stitched, and pin the plaits in carefully. Then slash down on the right inside crease of the center plait. This makes a closing that will not part, and needs about half the number of hooks and eyes. Allow the band long enough to reach across to the slashed side. Plaits that swing out of place can be stitched to position at the extreme edge on the under side. This is a good method for all cotton and other washable skirts.

Race Origins.

Herbert Bruce Hannay, an Englishman, has written a book on "European and other Race Origins." In which, taking various peoples back to their earliest ancestors, he sets forth that the Prussians are the descendants of the Ishmaelites, the Dutch and Hessians of the Hittites, the French of the Canaanites, the Slavs of the Medes, the non-Prussians and non-Hessian Germans of the Persians, and the English of the house of Judah. He is quite certain that the English, notwithstanding their alleged descent from the Angles, the Saxons and the

Things That Are New.

A dry battery fed electric light mounted at top of a writing pad has been invented to permit persons to write in dark places.

For the business man who has much use for a rubber stamp one has been invented to be attached to a desk and operated by one foot.

A recently patented attachment for phonographs displays the notes and words of a song as its record is being played by the machine.

A new tent for campers has a metal frame, from which two cots are suspended by heavy springs so that they are not in contact with the ground.

Two Frenchmen have invented a process for treating photographic negatives by which the effect of stereoscopic relief is produced in pictures.

A woman is the patentee of a telephone in which the transmitter and receiver are combined in one instrument and inclosed in a hood for privacy.

Plains have been invented that show the owner of a low-priced automobile how to so alter its appearance as to

make it resemble a more costly car. Two Illinois inventors have patented a bracket with which it is possible to hang both shades and curtains at windows without using nails or screws.

It has been discovered that a shrub growing wild throughout the Philippines contains a large amount of atropine and at least one other valuable drug.

Like a diminutive lawn mower is a new device for shaving in which a spring motor revolves a steel roller with cutting blades as it is drawn over a man's face.

The "Frontier" a Memory. Cheyenne's annual "frontier days" presents a striking contrast between the past and present; survivals of cowboy horsemanship cavorting within a ring of automobiles visions the narrowing bounds of pioneer memories, and the mighty span from the cayuse of yesterday to the gas wagon of today.

Whatever be the reflections of frontiersmen and women, the cushions of their limousines do not absorb the shock.—Omaha

COLLIE SAVED CHILD'S LIFE

Dog Pulled Little Girl From Track as Car Was Running Her Down.

Buster, a handsome collie, known to the friends of his mistress, Miss Lillian Matteer, as a dog of unusual sagacity, is a neighborhood hero, says the Boston Post. Especially is he a hero in the eyes of Mrs. Lizzie Cockburn, mother of eight-year-old Jennie Cockburn, whom he saved from death when he pulled her away from a track just as an electric car was running her down.

Miss Matteer is a friend of the Cockburns and a frequent visitor at their home. Buster often accompanies her and is well acquainted with little Jennie. When Jennie saw Miss Matteer and Buster approaching the Cockburn house, she ran across the road to meet them, stepping directly into the path of a trolley car.

Then, when she realized her danger, Jennie became confused and stood still on the track. As the white-faced motor-man started to apply the brakes, Buster darted forward and seized the little girl by her dress, pulling her to safety.

Not Perfect. "How are you making out with your new motor boat? Learned to run it yet?"

"Oh, yes. That boat takes me anywhere I want to go."

"That's fine."
"The only trouble is it won't bring me back."

OH! MY BACK

A stubborn backache is cause to suspect kidney trouble. When the kidneys are inflamed and swollen, stooping brings a sharp twinge in the small of the back, that almost takes the breath away. Soon there may be other symptoms; scanty, painful or too frequent urination, headaches, dizziness, or rheumatic pains. Don't wait for these troubles to become serious—use Doan's Kidney Pills at once. You'll find no better-recommended remedy.

A Nebraska Case

Mrs. John Barrett, 1228 S. Fifteenth St., Lincoln, Neb., says: "I suffered a great deal from pains in my back and sides. At times, these spells were so severe I could hardly get around. My kidneys were irregular in action, too, and I felt miserable. Finally, I used Doan's Kidney Pills and they made me feel like a different woman."

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