



FARM AND GARDEN

VARIETY IN FEEDING HORSES.

One of the commonest faults in feeding horses is the lack of variety in feed.

The other 80 per cent. still cling to the old ration of corn and hay, or oats and hay, which practical experimenters have long since proved to be expensive and wasteful.

A bad digestion and a poorly nourished body are always the result of improperly balanced food.

Of the three grains, oats is probably fed more extensively than either corn or barley combined.

We cannot emphasize too strongly the necessity for grinding the grain part of the ration.

Need a variety of grains properly balanced, and have it well ground and you will not only have better horses, but it will cost you less money to obtain this much desired result.

Notwithstanding all that has been said, it is not likely that these matters will be looked after unless a man loves his horses and enjoys caring for them.

NOTES FOR THE FARMER. Which is cheaper in the long run, to keep an edge on our tools or on our tempers?

Let the horse eat all the dirt he wants. It is good for him.

This is the day of the specialist, and the specialist is only some one who has learned to do something better than the average run of people engaged in similar work.

Abundance of pure air and pure water are cheap and essential parts of a balanced ration.

The high price of grain and the low price of milk are incentives to increase home production of feed for dairy stock, and many farmers plan to raise more oats and corn than usual.

Pure air and sunshine are the great curatives for tuberculosis and they are even greater as preventives than as remedies.

If you wish to cash in your weeds and underbrush, the sheep and goat will pay the highest price.

Gentleness and good treatment are as essential to the well being of the dairy cow as proper feed.

is kept in a state of fear and apprehension

hension is in no condition to do her natural best work in the way of producing high grade milk.

BETTER QUALITY FOR MACHINE MILKING.

We have used the milking machines for more than a year on our dairy farm, milking around 125 cows.

They appeal strongly to those favoring an absolutely clean, healthful product.

CEMENT ON THE FARM.

Cement as a usual thing can be used in a great many ways. It is used in making nearly all the walls for houses and barns, and walks, and a great many houses are made out of the cement-blocks.

BOUNTIES FOR CROWS.

Until recently depredations on grain crops were the main cause of hostility to birds; and the crow was the principal object of attack down to the latter part of the present century.

RAPE FOR SHEEP.

If the pasture area is limited, an acre or two of rape will afford a surprising amount of green feed.

Rape sown on well prepared ground during May or June will furnish an abundance of forage during the usually dry period of August when other pasture is brown and dry.

IT SOMETIMES TAKES A LARGE CHEST TO HOLD ALL ONE'S MEDALS.



Cartoon by Triggs, in the New York Press.

Millions of Germs in Cracks of Dishes

Dr. Wiley Experiments on Chinaware Taken From the "Quick Lunch" Rooms and Hotels--Cause of Appendicitis--Chemist Blames Unclean Condition For Many Inflammatory Diseases--Urges Better Household Sanitation

Washington, D. C.--To those who leave their offices each noon to snatch a hasty lunch, the Government has a word of advice to offer.

The Bureau of Chemistry, at the head of which is Dr. Harvey W. Wiley, has just concluded experiments on cracked china utensils taken from the lunch rooms of Washington.

The examination of the chinaware by the Government came about as a result of a crusade being waged against unhealthful kitchens and serving rooms in the District of Columbia.

Dr. George W. Stiles, bacteriological chemist of the department, had charge of the tests. Several dozen cracked mugs, plates and saucers taken at random from the counters of lunch rooms and from the cafes of hotels were examined.

Nearly all of the bacteria belonged to the family of bacillus coli.

Many of the other bacilli found in the cracked chinaware are due to unclean conditions. These may not be noticeable, and the kitchens of the lunch rooms may be clean and spotless, but the impossibility of cleansing the utensils thoroughly when they are cracked leaves the bacilli to increase and multiply.

Sensational Murders of a Hot Summer; Their Motives

- July 21--Andrew Bergen Cropsey, of Bath Beach, Brooklyn, shot and killed his wife at No. 1749 Eighty-fourth street; rage.
July 19--Mrs. Ottilie Eberhard killed, her daughter wounded at Coalburg, N. J.; Gustavus Eberhard, of New York, strongly suspected, still at large; robbery.
July 15--The Rev. G. B. D. Prickett, former Recorder at Metuchen, N. J., shot and killed by Archibald Herron, whom he had sentenced to jail; revenge.
July 12--Hazel Drew murdered, body thrown in a pond near Troy, N. Y.; jealousy, supposedly.
June 29--Dr. N. H. Wilson, of Philadelphia, poison sent to him in a bottle of ale; revenge.
June 21--John Klevenz, sexton of the Church of the Most Holy Trinity, Brooklyn, shot wife, killed self; insurance.
June 16--John H. Blackmeyer, out of a job, killed his mother-in-law and shot his wife at No. 144 West One Hundred and Forty-fourth street; despair.
June 8--Brooding over her husband's attack on their neighbor's little daughter Mrs. Lena Winnett, of Stapleton, killed her baby and herself; humiliation.
June 7--Sarah Koten shot and killed Dr. Martin W. Auspitz, No. 157 East Ninety-third street; revenge.
June 5--Frederick Rosainge, No. 181 Union avenue, Brooklyn, shot wife, killed himself; quarrel.

The Mystery of Human Life

It seems to me that there are, when all is said, but two ways of regarding the mystery of human life. Either give it up, the whole thing, as a tragedy too black for respect, and give up with it all the beautiful beliefs which have come into it from some source of unutterable patience, or heroic faith, give up, frankly, God and goodness, Heaven and happiness, faith and purity and peace--give up all that makes life tolerable, death cheerful, pain reasonable, and hope possible--or else accept the system of things at its worst, candidly admit its monstrous perplexities, and boldly swing the whole array of them over, into the gaze of a sweet reasonableness which sees in the blackest of them the shadow of the eternal sun.

How a Comet's Tail Grows

NO bridal veil was ever so filmy as a comet's tail. Hundreds of cubic miles of that wonderful appendage are out-weighed by a jarful of air. By means of the spectroscopic we have magically transported this fairy plume to our laboratories, and have discovered that it is akin to the blue flame of our gas-stoves; for the gas by which we cook and the delicate tresses of a comet both consist of combinations of hydrogen and carbon, appropriately called by chemists "hydrocarbons."

My Vision.

ONE night recently I experienced a sudden awakening. I had a vision of a new era which is to dawn for mankind and in which men and women are battling equally, unitedly, for the uplifting and emancipation of the race from evil.

I saw men and women of every clime working like bees of vice and misery, and to apply the remedies, and also to find the influence that should best counteract evil and its attending suffering.

I saw the men and the women standing side by side, shoulder to shoulder, a common, lofty, and indomitable purpose lighting every face with a glory not of this earth.

The Days of the Clipper-Ships

THE American clipper-ship era began in 1843, as a result of the growing demand for a more rapid delivery of tea from China, continuing under the stimulating influence of the discovery of gold in California, and ending with the outbreak of the Civil War.

Where the English City Is Supreme

THE English city, too, is free from the spoils system. Jobs are filled for efficiency and not for pull, and the employee is retained during good behavior. This is a real democracy of merit.