

# Agricultural

TO KEEP A BULL SAFE.

Almost every day we read in the papers of some one gored to death by a bull. But almost always it is a bull that has been more or less handled and not one that has been running loose constantly with a herd and therefore open to suspicion of being wild and possibly dangerous. These tragedies occur so often that we think some suggestions by Henry E. Alvord, Chief of the Dairy Division of the Bureau of Animal Industry at Washington, ought to be placed within reach of all who keep one or more bulls. It is a fact well known by regular stockmen that any bull may be very dangerous; it is also just as well known that any bull properly trained, kept in subjection, and managed may be perfectly safe. We quote the suggestions for training and management entire:

"The chief objection made to bulls of some age is that they are likely to be vicious and dangerous. Every one recognizes the difference in temperament between the fleshy, beefy bull and the one of pronounced dairy character; but experience and observation have taught that the bulls of marked dairy type are much alike in disposition, regardless of breed, as among men, some bulls will be found of naturally bad temper, but it is believed that the great majority of bulls of all the dairy breeds, can be safely kept until too old for service and handled without serious trouble, if only properly reared and judiciously managed.

"In rearing a bull, acustom it to being handled from calthood, but without fondling or encouraging frolic. Give it kind, quiet, firm and unvarying treatment, and keep it always under subjection, that it may never know its strength and power. Insert the nose ring before it is a year old, keep this renewed so as to be always strong, and always lead and handle the animal with staff in the hands of a discreet and trusty man. The bull should never run loose in yard or pasture, but should be provided with abundant and regular exercise, always under restraint, and full control. The 'walk around' arrangement, like the sweep horse power, affords a fair degree of voluntary exercise, but is hardly sufficient. The best plan seems to be to provide a suitable tread power with a governor attached, place the bull in this daily, and let him walk a fixed time, or known distance. The main object should be regular and sufficient exercise for the bull. Incidentally, he may be made to run a fodder cutter or a cream separator and perform valuable service. As age and strength increase, let the staff be supplemented by strap, chain or rope attached to a second ring. To this may well be added some hitching or leading chain with a strong strap around horns or neck. Let there be always a double hitching device, so that the bull may never by accident find himself loose when he should be tied. If restiveness and temper are shown, add to the exercise in duration or quantity, without violence; a bull physically tired may be depended upon to be quiet and easily managed.

"It is much better to keep the bull as much as possible in the presence or in full sight of the herd than stabled by himself in a lonely place. Let him be in the same room with cows during the stabling season, and at milking times the rest of the year."

## HORSE HINTS.

Correct feeding, clean water, comfortable housing, thorough currying and brushing, plenty of work and good care are the safeguards of the health of the farm horse.

The horse that is compelled to pull his hay from a rack above his head will generally be troubled by inflammation of the eyes. When he throws up his head and noses the hay all the loose dirt and seeds will fall from the hay, and the horse will get more or less of it in his eyes. Much trouble may be caused by such racks, even with the best and cleanest of hay. Lower the racks.

When the horse is suffering from collar and harness rubbing bathe the sore spots in lukewarm water and castile soap, and after drying thoroughly with a soft cloth, apply with witch hazel. The witch hazel is mildly astringent, and therefore closes the lacerated pores and thus soothes by protecting the exposed nerves from the air. The warm water keeps up the circulation of the blood in the con-

All Japan teas are colored.

# SALADA

CEYLON GREEN TEA  
is pure and uncolored.

gested area and the alkali in the soap disinfects the galled spots. This simple treatment, if it can be followed by rest for the galled animal, will hasten the formation of a new coat on the galled places.

## FOR A CAR LOAD.

Often people are anxious to know what constitutes a car load, and we annex the following for the benefit of any who may desire the knowledge. The figures may not exactly suit everywhere, but approximate so closely to a general average that shippers will find them a great convenience as reference:

As a general rule 20,000 pounds or 70 barrels of salt, 70 of lime, 90 of flour 60 of whisky 200 sacks of flour, 6 cords of hard wood, 7 cords of soft wood, 18 to 20 head of cattle, 50 to 60 head of hogs, 80 to 100 head of sheep, 9,000 feet of solid boards, 17,000 feet of siding, 13,000 feet of flooring, 40,000 shingles, one half less of hard lumber, one fourth less of green lumber, one tenth less joists, scantling and all other large timber, 340 bushels, of wheat, 360 of corn, 680 of oats, 400 of barley, 360 of flaxseed, 360 of apples, 330 of Irish potatoes, 356 of sweet potatoes, 1,000 bushels of bran.

## FOWL HINTS.

In selecting the breeding fowls sacrifice points for vigor.

Milk is one of the best foods for young or adult fowls.

A fat hen seldom lays anything but soft-shelled eggs.

One way to make money with poultry is to keep down expenses.

Fowls confined take on fat faster than those allowed to run loose.

When possible it is always best to have two rooms to the poultry house. Filthy quarters give great feasts for the lice and they multiply rapidly.

Boiled oats mixed with corn meal is a good egg producer.

Soft soap is a good remedy for scaly legs. Rub on and let remain a short time and wash off.

Fed for growth and for eggs, not feed for growth and for eggs, not for a mere existence.

Well-fed pullets will mature much earlier than those allowed to go to roost without a well-filled crop.

The best of stimulants are pure water, clean and proper food, clean and comfortable quarters.

The breast bone at an early age is chiefly cartilage or gristle and is easily bent.

In buying ducks customers will not take those with dark pin feathers, no matter how good they may be in other respects, if they can get those with white feathers.

When a hen is given food that she does not require, it is simply wasted, and it may prove more or less injurious.

Do not attempt to keep too many breeds at one time, unless fully prepared to keep each breed separate, as crossing promiscuously does not pay.

## NO SAFE PLACE.

Said to Be Dangerous to Live Anywhere on This Earth.

Many scientists insist that it is dangerous to live anywhere on this earth, and give facts and figures to prove it. From pole to pole danger abounds, and frightful catastrophes are liable to overcome humanity at any spot on the globe. Science proves that not a square mile of the entire earth but has in some time of the ages been swept by flood, fire or glacier, or buried by volcanic eruptions, or violently shaken by earthquakes, so that all human life there must have been ended.

As to earthquakes, there is no place that has not felt them. There is an erroneous and popular belief that only the tropical regions are liable to severe earthquakes. Even the chilly plains of Tartary have been torn by these shocks. Earthquakes have visited the city of New York within this century, that, were they to come to-day, might topple over the sky-scrapers and kill thousands on the streets. Tornadoes, ignorantly called cyclones, are liable to strike anywhere south of the polar regions, and where they cannot live the blizzard takes up the work of scaring mankind.

It is a well known fact that the entire Atlantic seaboard is sinking at the rate of two feet a century from Cape Cod to Cape Hatteras. If it can sink that fast it certainly has no very solid underpinning, and some day the props may let go all at once, and where will New York be? Vast tracts of Holland are already below the surface of the sea, and the waves are kept out with the great dykes, and science says that Holland, Belgium, Denmark and all the southern coast of the Baltic are sinking steadily. The entire continent of Atalanta has gone down under the waves—why should not other continents follow?

To balance these depressions, some spots are rising. About one-half of the Pacific islands are being elevated. So are the West Indies, the west coast of South America and Spitzbergen. The entire series of Japanese islands rose from the waves in a comparatively brief time.

"The Land That Swings Like a Hammock" is the name given by Indians to the territory about San Salvador, Central America. That city was utterly destroyed by an

# HEART DISEASE

is a symptom of Kidney Disease. A well-known doctor has said, "I never yet made a post-mortem examination in a case of death from Heart Disease without finding the kidneys were at fault." The Kidney medicine which was first on the market, most successful for Heart Disease and all Kidney Troubles, and most widely imitated is

**Dodd's Kidney Pills**

earthquake on March 19, 1873, but the people had grown alarmed and had deserted it, so only 500 were killed. It flourishes to-day.

But in spite of these terrors men live calmly on. Most men never study nature, and so do not know these things. Others read of them in their school books and forget them along with their Latin and mythology. Only the professional scientists keep them ever in mind, and these are not alarmed, for they know there is really no safe place on earth, anyhow.

## GENUINE PATRIOTISM.

Ladies of Canada; While statesmen and politicians argue the Zollverein and differential trade within the Empire, which they will do while jaw displaces common sense, settle this matter for yourselves.

Your brother colonists of Ceylon and India are growers of pure teas, Black and Green. Canadian and United States importers supply you with 11,000,000 pounds annually of Japan teas, yet they know, Japans are artificially colored and adulterated. Let the knowledge of these facts and the sentiment of patriotic sisterhood move you to help the British planter.

British-grown Black Teas hold the Canadian market. Drinkers of Japan tea should try the Greens now coming on the market, and your dainty palates will approve them. Yes, we bear your grocer's excuses; but insist. Ladies can always get what they want. Remember how you ran your husband to—well, do they still think it Paradise? They certainly will if you give them Ceylon and India green tea. Blue Ribbon and Salada packets are now obtainable. Colonist

## LOGIC.

Bystander—Poor fellow! One of his wounds is fatal, I believe.

Policeman—So it is; but the other, wan ain't, so he has an even chance.

**E. W. Groves**

This signature is on every box of the genuine **Laxative Bromo-Quinine Tablets** the remedy that cures a cold in one day

## FEARED THE OLD MAN.

He meant to pop the question, But prudence made him stop; For even if he accepted He'd have to question Pop.

Politics May Change, Opinions May Change, but one thing that never changes, that is the quality of

# LUDELLA

CEYLON TEA, it always remains the best. In Lead Packets 25, 30, 40, 50 and 60c.

# APPLES.

Poultry, Butter, Eggs and other Produce. If you have any correspond with us. We want 100 CARLOADS to supply our trade.

The Dawson Commission Co., Limited, Toronto.

## HOW KWANG HSU LOCKS.

The Emperor Hol is Audience From Midnight Till Dawn.

The Chinese Emperor is now about thirty years of age. He is under the medium height, sallow, and apparently of a weak constitution. He has received a good training in Chinese and Manchu. He knows some English. He has a wife, a dozen concubines, and no children. He is unable to control his explosive temper. It is doubtful whether he can exert a rule of authority over others. He has a kind of feminine energy to push ahead, but lacks clear vision of surrounding conditions. His reform edicts are unique in the history of the empire. It is impossible to say, however, what part of them are due to him and what part to Kang Yu-Wei, the greatest leader of the Reform party.

The Emperor, as is customary in China, transacts all state affairs between twelve at midnight and the rise of the sun. Some sharp tongue has said that the Chinese love darkness because their deeds are evil. What is good, however, is done at the same time. It is during these hours that Kwang Hsu formulates his edicts, which are all published in the Pekin Gazette. Two officials shadow the Emperor without ceasing. These are the Imperial Recorders. They note and transcribe his every act, his every word. Their memoranda are transferred to the Imperial archives and are not opened until the history of the dynasty is written, long after the rotting bones of Kwang Hsu have become sacred beside those of his ancestors.

## FOR OVER FIFTY YEARS

MRS WINSLOW'S SOOTHING SYRUP has been used by mothers for their children's teething. It soothes the child, softens the gums, allays pain, cures wind colic and is the best remedy for diarrhea. 25c a bottle. Sold by all druggists throughout the world. Be sure and ask for "Mrs. Winslow's Soothing Syrup."

## A DEFEAT.

When my daughter got married we thought we would board with her and her husband.

Well? We got a late start, somehow, and they are boarding with us.

## MONTREAL HOTEL DIRECTORY.

The "Balmoral," Free Bus Am. Plan. \$1.50 & up. AVENUE HOUSE—McGill—College Avenue Family Hotel rates \$1.50 per day.

## PECULIAR ACCIDENT.

A peculiar accident occurred in a Western town recently. The big iron safe in a shoe factory refused to open, and the bookkeeper and engineer conceived the idea that they could burn out the combination by use of carbon and electricity. It took several hours to accomplish their purpose, but they finally succeeded, but not until they had stood for several hours in the glare of the electric light taking turns at holding the wire and carbon. When the work was over both complained of a dizziness and pain in the head which increased as the hours passed, and in a short time both went suddenly blind at about the same time. All efforts to restore their sight have been unavailing, for while the eye balls appear all right, the sight is destroyed.

## \$100 Reward, \$100.

The readers of this paper will be pleased to learn that there is at least one dread disease that science has been able to cure in all its stages and that is Catarrh. Hall's Catarrh Cure is the only positive cure now known to the medical fraternity. Catarrh being a constitutional disease, requires a constitutional treatment. Hall's Catarrh Cure is taken internally, acting directly upon the blood and mucous surfaces of the system, thereby destroying the foundation of the disease, and giving the patient strength by building up the constitution and assisting nature in doing its work. The proprietors have so much faith in its curative powers, that they offer one Hundred Dollars for any case that it fails to cure. Send for list of testimonials.

F. J. CHENEY & CO., Toledo O. Sold by druggists, 75c. Hall's Family Pills are the best

## A DEFENSIVE NOISE.

What are you blowing that tin horn, for, Jones? Your side was snowed under.

That's all right; I'm blowing it so I can't hear those other fellows blow.



## RHEUMATISM CURED

Dr. McLaughlin's Electric Belt. PAY WHEN CURED.

I make this proposition to you fairly, and carry it out fairly—you don't have to pay a cent till you are cured. I could not do this if my Belt was not superior to all other electrical body appliances. It never costs a cent for repairs; I warrant that, and it gives a current which you can feel, and regulate, and which will not burn.

## I Take the Chances.

You might think I am taking long chances on my remedy. I don't. There is more in electricity, rightly applied than you think. It performs wonders in a broken down man. It not only sets the wheels of health and vigor in motion, but makes a man feel so gloriously young and light-hearted that he can't help telling of it. Try me when cured—that is my proposition. It is an easy one for you to accept. Will you accept it? Then don't wait till your trouble gets chronic.

FREE BOOK If you cannot call, send for my beautiful book full of truth for the sick and ailing. It is sent sealed FREE.

Dr. M. D. McLaughlin 130 Yonge St., Toronto, Ont.

## THE MYSTERY OF TOBACCO.

The commercial value of tobacco depends not upon its nicotine, but upon certain compounds, the chemical nature of which is said to be wholly unknown, that impart the flavor or aroma which consumers like. These compounds differ in quality and quantity in different grades of the leaf. There is no apparent relation between the color or the aroma and the amount of nicotine. Nicotine diminishes during the processes of curing, while the flavor and aroma are developed. It has been suggested that the latter are due to the action of bacteria.

W P C 1051

## CALVERT'S

Carbolic Disinfectants, Soaps, Ointment, Tooth Powders, etc. have been awarded 100 medals and diplomas for superior excellence. Their regular use prevent infectious diseases. Ask your dealer to obtain a supply. Lists mailed free on application.

F. C. CALVERT & CO., MANCHESTER - ENGLAND.

## Music Teachers Wanted

To send for our Complete Catalogue of Sheet Music and Books with Special rates of discount.

WHALEY, ROYCE & Co. 158 Yonge St. Toronto, Ont.

## Metallic SKYLIGHTS

SAUSAGE CASINGS—New Importations finest English Sheep and American Hog Casings—reliable goods at right prices. PARK, BLACKWELL & CO., Toronto.

WOOD PHOTO ENGRAVING J. L. JONES ENG. CO. 6 & 10 ADELAIDE ST. W. TORONTO.

## LAW MILLS, MILLS & HALES

Books, Rosaries, Crucifixes, Statuary, and Church Ornaments—Educational Works. Mail orders receive prompt attention. D. & J. SADLER & CO., Montreal.

## Dyeing! Cleaning!

For the very best send your work to the "BRITISH AMERICAN DYEING CO." Look for agent in your town, or send direct. Montreal, Toronto, Ottawa, Quebec.

"ONE POUND CAKES" FOR HOUSEHOLD USE Laundry, Washing Clothes, Ironing, Sealing Preserves. PARAFFINE

# WAX

THE QUEEN CITY OIL CO., Limited, Sam'l Rogers, Prest., Toronto Ask your dealer for it.

THE MOST NUTRITIOUS. EPPS'S GRATEFUL-COMFORTING. COCOA BREAKFAST-SUPPER.

When you buy Blue Ribbon Ceylon Tea you get the best in the market and remember there can only be one best.