

On the Farm.

LIVE STOCK NOTES.

In many cases where a farmer or mechanic keeps one or two pigs and they die suddenly, or the best one, the heartiest feeder and most rapid grower dies and the other gets well, the disease is pronounced to be hog cholera, when more frequently it is a case of poisoning and nothing else. Similar cases of cholera among fowl may be traced to the same cause. Both pigs and fowl like salt, and we have no doubt they need a little every day, or occasionally, as much as cattle, sheep and horses. But it is easy to give a poisonous dose of salt to the hog or the hen where they do not have it regularly. The appetite for it becomes such a craving that they eat it greedily, and to an injurious extent. We do not feed the scraps from the table to cattle or sheep, but to hogs and hens. The water in which salt meats or fish is cooked and the waste pieces are saved to put into the swill barrel or to scald a mash for the fowl. The salt from the bottom of the tub or from the bottom of the pickle tub are turned into the manure heap, which would be a most excellent use for it if the hogs and hens were kept away. But if they are not, and they chance to have a craving for salt, they will eat enough to cause diarrhea, cholera and often death. We know a man who always salted his morning mash for his hens about as he would have salted food for himself, and he saw him empty a half bushel or more of coarse salt on the manure heap where the hens were scratching. After picking about one grain each they wanted no more. His neighbor, who never salted hens' food, tried to dispose of the salt from his pork barrel in the same way, but before night a large part of his flock were dead. Therefore be cautious in leaving salt where hens and hogs can get to it unless they have it regularly, and do not save salt liquor from the boiled meats or fish to feed out.

CHANGE THE HORSE FEED.

On the average farm the hog and the horse are the two animals that are fed with the least change in their rations says a writer. The work horse gets hay and corn, or oats, month after month without variation, until it is not a matter to wonder at if he gets off his feed occasionally. Bread and meat are both good for a working man but he eats with a better appetite and his food does him more good if he has chicken and fruits to go with them. So it is with the working horse. He must work very hard during the growing season, and will appreciate a change of feed occasionally. I usually give my work team some dainties every few days. It keeps them on good terms with me and makes them feel better.

For a week our teams have been doing very heavy work and have been fed an extra allowance of oats or corn and ground together. A day or two ago one of them refused to eat at her manger. I tried sprinkling the feed with salt, and then tried dampening it, but she would not eat. Then I went into the garden and got three ears of evergreen sweet corn, which gave them to the mare a piece at a time, and she ate them greedily. This went out of the stable for a few minutes. When I came back the mare was eating the ground feed with a good appetite. My horses get green corn, corn stalks out green, bits of melons, cabbages, carrots and other good things, always in small quantities at a time, and they keep in good condition without resorting to condition powder or other medicines. Variety in feed is as good for horses as it is for men.

THE CREAM.

Remove the cream before the milk is sour. A good cow is always an economical feeder. It is the excess over the maintenance that pays the dairyman. The best butter is made from cream, ripened uniformly. In marketing butter it pays to put up in neat packages. The quality of the product counts for more in the dairy than in any other industry. The ripeness of the cream has much to do with the loss of fat in churning. The buttermilk should be washed out when the butter is in small grains. Nervousness and viciousness are engendered in the ill-treated cow and are transmitted to her offspring. The more docile the cow, the more are her energies likely to be devoted to the dairyman's interest. As a dairy animal the value of a cow depends as much upon the quality of her milk as the quantity. With proper management dairymen reap nearly or quite all of the fertility on the farm. If butter lacks color add a little lard to secure the desired change, as will add to the value. Foaming of cream in the churn may be due to a too high or too low temperature or too long keeping.

There is no management or apparatus that can get more butter fats out of the milk than the cows puts into it.

When the cream is perfectly ripened before churning, the churn gets more of the fats and the buttermilk less.

The producing of fat varies greatly in milk, but it varies more with the poor milk of poorly fed scrub cows than with any other class.

GIVE THE HOGS ROOM.

Repeated experiments have proved that hogs fatten better when they have the run of an acre lot than when confined in a close pen. Moreover, a hog pen is an unmitigated nuisance. It is reasonable to suppose that cholera and other diseases are introduced into the swine herds by their being compelled to eat and breathe the dirt while eating so much during the dry season, also by being deprived of plenty of good drinking water.

Cattle will proclaim their thirst by constant bawling, but the pigs will endure it with a much greater degree of silence, and for this reason they should have more watching in this direction. Do you feed your hogs in the dust in dry times and in the mud when it is wet?

Put in a feeding floor. It is one of the best investments you can make. Do not say that you can't afford it, for would better sell part of the feed and get some plank to make it with. The balance of the feed will make better and healthier hogs than if you continue to feed in either dust or mud.

SCALDING A LARGE HOG.

It often happens that where a farmer does his own butchering he has not at his command a caldron large enough in which to dip the animal for scalding. Where this is the case he is forced to resort to one of several ineffectual means. The best method is to thoroughly saturate old, fine hay and cover the dead animal with it, packing it closely. Then pour the boiling water over it, leaving it until sufficiently scalded for the hair to slip easily. This method is much better than using blankets. While it may not be quite as effectual as dipping into the water, it has the advantage of saving much heavy lifting.

PAINS IN THE BACK.

FREQUENTLY DUE TO SLUGGISH LIVER OR KIDNEY TROUBLES.

Mr. Frank Walters, of Exeter, tells of suffering and how Dr. Williams' Pink Pills cured him after other medicines failed.

From the Advocate, Exeter.

Mr. Frank Walters is a young man personally known to most of the residents of Exeter, where he has lived nearly all his life. Talking with the editor of the Advocate recently Mr. Walters said: "In justice to Dr. Williams' Pink Pills I think it my duty, in view of what they have done for me, to add my testimonial to the printed. For some months I suffered most severely from pains coursing up and down my back. It was thought that these pains were due to liver and kidney trouble, but whatever the cause they frequently left me in terrible agony. The pains were not always confined to the back, but would shift to other parts of the body. As a result I got little rest, my appetite became impaired, and I fell off greatly in weight. I tried different remedies suggested by friends, which having no effect almost disgusted me with medicine. Then a personal friend urged me to try Dr. Williams' Pink Pills. I was not easily persuaded because I had about concluded that medicine would not relieve me, but he insisted and finally I decided to try them. I purchased one box at first, and to my astonishment before it was finished I was greatly relieved. Then I got a couple more boxes and these restored me to my former good health. I do not hesitate recommending this medicine that others may profit by my experience, and not suffer tortures as I did."

Dr. Williams' Pink Pills cure by going to the root of the disease. They renew and build up the blood, and strengthen the nerves, thus driving disease from the system. If your dealer does not keep them, they will be sent postpaid at 50 cents a box, or six boxes for \$2.50, by addressing the Dr. Williams' Medicine Co., Brockville, Ont.

Self-respect is the corner stone of all virtue.—Sir John Herschel.

THE HOLLOW SQUARE.

Ladies of Canada: The hollow square, a purely British military tactic, was never broken but once. Why? Because Tommy Atkins from Canada and Tommy Atkins from all other British possessions stand in a commercial way also, the colonies ladies of Canada—the purchasing power that end. Ceylon and India produce the finest teas. By using the teas patriotically, from sister colonies, ladies act from sentiment, from purity, from economy—in every way they are superior to Japan or China. Drinkers of Green Tea should try Monsoon, Salada, or Blue Ribbon packets.

All Japan teas are colored.

SALADA

CEYLON GREEN TEA is pure and uncolored.

MOST ACTIVE RELIGION.

MOHAMMEDANISM IS MAKING THE MOST RAPID STRIDES.

It is Now Growing by Millions—The Muslim Population of the World is Now Estimated at Nearly 200,000,000 Souls.

It comes rather like a revelation to find that the Turkish Government, or, perhaps, it might be more correct to say the Sultan, has been engaged in collecting statistics, showing the Muslim population in various parts of the world. The result has just been published, and, in view of the possible object of the undertaking, is of considerable interest. In the dominions under the personal rule of the Sultan the Muslims are stated at 16,000,000; while in the contiguous states and territories of Asia, including Persia, Afghanistan, Belovchistan, India, Russia, Turkestan and China, their numbers are estimated at 9,000,000. Africa, where the Mohammedan religion has made great strides in the last half of the century, is credited with 36,500,000 followers of the Prophet, and 23,000,000 are described as inhabiting other countries and the islands of the Eastern seas. It does not appear that the total of these figures, 176,500,000 is exaggerated, as recent estimates have placed the Muslim population of the world at close upon 200,000,000.

ISLAM DIVIDED.

The Islamic world, however, is divided religiously into two sections, the vast majority being Sunnis, and the minority, principally in Persia, being Shias, who hold more or less aloof from the Sunnis, of whom the Sultan of Turkey is the nominal head as Caliph of Islam. The Muslim population of India under the political rule of the British Government and in the native states may be set down in round numbers as nearly 60,000,000. By far the greater part of these are Sunnis, as are also the Afghans and the Turcomans.

The Chinese Mohammedans, who are mostly found in Kashgaria, Mongolia, Yunnan and Kansu, are very variously estimated, some authorities, furnished their calculations, on data whole Empire, placing them as high as 20,000,000. These, like all the other followers of Islam, belonging to the Sunni section, are in direct communication with Mecca, though having little political affinity with Constantinople. This is due in great part to the lethargy of the Turkish character and the internal troubles of Turkey that called for the concentration of the Sultan's attention, on his own home affairs. But recent events have enabled him to look somewhat outside the immediate circle of his own dominions, and among the things which he has done has been to take stock of the forces over which

faith. For a number of years the British Government has kept a watchful eye on the growing intimacy of the relations between the Muslims of India and Constantinople, and on one occasion the presence of some Turkish emissaries in India was the occasion of a sharp passage at arms between the British representative at Constantinople and the Sultan. The Russian Government also last year found itself suddenly confronted with a threatened rising of its Muslim subjects in eastern Turkestan, but it was quickly suppressed. The source of the trouble was never accurately ascertained, some of the Russian papers ascribing it to Constantinople and some to Simla.

WATCHING EVENTS.

Connecting the two important facts of the comparative energy with which the Sultan is pushing on the construction of the railway through Palestine to Mecca and his recent census taking of the Muslim world, it is quite evident that he is watching events and getting ready in his way for eventualities. The aggressiveness of the Christian governments and missionary organizations in all non-Christian countries is no doubt one of the animating causes of the Sultan's action. He desires to concentrate in his own hands as far as it is possible, the power of resistance contained in the mass represented by 176,500,000 of Muslims, and by means of the railway to Mecca he purposes to retain the permanent control of the holy places of Islam on which his authority as Caliph is based. Amid the uncertainties he may think he discerns an opportunity to enable Islam, to reassert itself, and is preparing accordingly.

A DOCTOR'S LONG TRICYCLE RIDE.

A medical man, seventy-eight years of age, describes a tricycle ride from London to Edinburgh and back, which he performed in the summer. The journey was undertaken largely with the view of ascertaining the effects on the body of four years' abstinence from flesh food. Twenty-three days were occupied in actual riding, the total distance covered being about nine hundred miles, a daily average of thirty-nine miles. He was not aware that his physical health suffered at all from the ride, and there was no change in his weight. The diet upon which he performed the journey was of the simplest. No regular meal times were observed, and cocoa or weak tea and bread and butter, with an occasional sweet, formed his regular fare. Although lightly clad, and often wet through, he never caught cold on the journey.

A Very Happy and Prosperous New Year to the Many Friends of

LUDELLA

CEYLON TEA.

AS TOLD. Alice, I do hope you are not getting to be too fond of that young man who lives next door. But, mamma, you know we are told to love our neighbors. And I do.

There is more Catarrh in this section of the country than all other diseases put together, and in the last few years was supposed to be caused by a local disease, and prescribed local remedies, and by coarsely filling to cure with local treatment, pronounced incurable. Science has proven Catarrh to be a constitutional disease, and therefore requires constitutional treatment. Hall's Catarrh Cure, manufactured by F. J. Cheney & Co., Toledo, Ohio, is the only internally applied medicine. It is taken internally in doses from 10 drops to a teaspoonful of the system. They offer one hundred red pills for any case if it is to cure. Send Address, F. J. CHENEY & CO., Toledo, O Sold by Druggists, 75c. Hall's Family Pills are the best.

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BLINDED BY CIGARETTES. As a result of cigarette smoking 'it is believed Fred Norton, of Unadilla, N. Y., has permanently lost the sight of both eyes. "The boy has been suddenly stricken with blindness, and specialists have no hesitation in declaring that the cigarette habit is responsible for his condition, and fear his sight cannot be restored. Young Norton's lungs are also said to be affected from the cigarette habit. As a result of the affliction which has come upon the boy, several of his companions addicted to cigarettes have cast them aside and pledged themselves to abstain from them in the future.

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THE FREE OFFER.

To obtain these four FREE invaluable preparations, illustrated above, simply write to THE A. SLOCUM CHEMICAL CO., LIMERICK, 121 King Street West, Toronto, giving post-office and express office address, and the free medicine (The Slocum Cure) will be promptly sent. Persons in Canada seeing Slocum's free offer in American papers will please send for samples to the Toronto Laboratory. Let no previous discouragements prevent you taking advantage of this splendid free offer before too late.

VISIBLE STARS.

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MONTREAL HOTEL DIRECTORY The "Balmoral," Free Bus, AVE. HOUSE, Family Hotel rates \$1.50 per day.

He who forgets his own friends means to follow after those of a higher degree is a snob.—Thackeray.

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