

THE FARM

Useful Hints for the Tiller of the Soil

A MANURE SPREADER.

The modern manure spreader is built so as to give sufficient capacity for a large load and unless the ground is dry and level three or four horses should be attached so that we may facilitate the work. Owing a manure spreader stimulates us to get the manure out as fast as it is made, preventing all loss from heating and washing. It spreads the manure more evenly than it could be done by hand, so that it covers more acres with the same good effect to the land covered than it would have if a large amount were applied by hand.

We have found during the recent years that there is a loss of fertility when manure is spread in too large quantities. The manure spreader is a great economizer of labor, which is a very important item to be considered at the present time.

In buying a manure spreader we should note very carefully how strongly it is built at the places where the wear and tear will be the greatest when the machine is in operation. It should distribute all kinds of manure evenly. There should be the same quantities spread on the outside as in the center of the space being covered. This is a very important point to be considered in selecting a machine. With any make of spreader care should be exercised in loading if the machine is to do its best field work. It will pay every man to investigate these points before he buys a machine. On the average stock farm the machine is a good investment.

POINTS OF A DAIRY COW.

The five points to be observed in selecting a good dairy cow was the subject of a recent address made by O. C. Greig, at the Saint Johns Farmers' Institute.

First—Large body and especially middle piece, indicating a capacity for eating and digesting a lot of food.

Second—Thinly fleshed backbone and especially back of shoulders. This indicates that the food is not made into flesh.

Third—Large udder, as it is here that the milk is made.

Fourth—Large milk veins. It is through these that the blood returns to the heart from the udder. If they are large it indicates that a large amount of blood passes through the udder.

Fifth—Large clear eyes. This indicates good nerves, and that drive the organs of digestion and milk making.

He said that a sixth point could be added—the scales and the Babcock test.

NOTES ON HOG RAISING.

If you are quite sure that allantois will not grow on your land, try Essex rape. It makes fine hog pasture—some farmers even going as far as to say that it beats clover, which, of course, it does not.

A lousy pig is a sure sign of a poor farmer. Once thoroughly infested, the only way to get rid of the vermin is to dip the pig with some good disinfectant.

In dipping pigs great care must be exercised to cover every part of his body from tail to snout. If a patch as big as a thumbnail is left untouched it may contain the nucleus of a new crop.

Many farmers use a boar of different breed of that of their sows to produce a cross. Sometimes this is good practice for the first cross, but the sows from such a cross should never be bred.

ORCHARD NOTES.

Might as well give the trees plenty of room at the start, because if you don't they will have to be cut out later. Thirty feet apart is the right distance for apple trees, although 40 feet would not do any harm.

Plow your ground deep and prepare the soil as carefully as you would for the corn field. Nature often performs wonders with trees, but as a general rule she ought to have a little intelligent help.

Go over your young apple trees

and cut off every water sprout with a sharp knife close to the trunk. Do it early and they will heal this season.

Five dollars invested in package material will pay many times the investment in the better prices the fruit will bring when properly packed.

A GOOD ALL-ROUND BREED.

An enthusiastic admirer of the Rhode Island Reds states: "They are large, like the Barred Plymouth Rocks, with long yellow shanks and firm yellow skin; their flesh is as sweet and juicy as the Leghorns and Minoras; they make good mothers and are easy to raise."

CHEAP TELEPHONE SERVICE.

British Post Office Takes Over the Country's System.

By the end of the year the British Post Office will take over the management of the country's telephone system from the private company which has hitherto controlled it, and the British public does not regard this particular nationalization project entirely without misgivings, especially in view of the fact that the direct control by the State has resulted in a loss of \$50,000,000 in the last forty years and that the present annual loss is well over \$5,000,000. Business men are afraid that red tape will hamper the quick and cheap telephone service that everyone wants.

Almost every European country has secured a cheaper and better telephone service in the last few years than England has done," said G. Datzell Reed, a telephone authority, who is in London, after having inspected the German, Danish and Swedish systems.

A telephone at \$10 a year is not an impossible dream, but it is a perfectly sound business proposal if the systems continue to expand at the present rate. In Denmark, already, outside Copenhagen, the annual subscription for small exchanges is \$11 and additional calls may be obtained at the rate of \$5.50 per 1,000 calls.

Sweden, too, has a most efficient and moderate priced telephone service with more than 200,000 subscribers. The installation charge for a private house is only \$4 with an annual subscription of \$16.50.

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LOYAL SERVICE.

While journeying through Central Africa once, after several days of severe marching, the men of Alfred J. Swann's caravan failed to reach camp. He returned to them with water and assistance, and loading the carts with only half their crew, he asked where the heavy load was, and they replied, "Miles behind." It was on this journey that he witnessed a remarkable instance of the endurance and loyalty of a black man.

Fearing the men would be starved, writes Mr. Swann in "Fighting the Slave-Hunters in Central Africa," we pressed on toward them, and finally discovered the load drawn up under a bush. Searching round for traces of the crew, I heard a voice faintly call out:

"I am alive, but give me water!" On looking into the bush, we discovered the loader, sheltered from the sun, and after giving him water, I asked:

"Where are the others?" "Gone on to camp," he replied, "for food and water."

"Why did you not go?" "No, master, I could not leave the boat section. My name is Mahubutu. I was one of Livingstone's boys. I should have died by the load. I cut off the hide lasings and ate them, and the roots I dug up and sucked for moisture."

Let no man question, concludes Mr. Swann, the ability of black men to perform loyal service after evidence of such heroic conduct.

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"YOU WERE RIGHT, GEORGE, THERE IS NO ONE IN!"—Life.

Young Folks

THE MISTAKE.

There were not many houses in that neighborhood, and all that there were seemed bowing across the street to the big white house that stood on the corner. In winter nobody lived in it, but in summer Miss Ellett always came back to her old home; and it was always fun for Cynthia Legge, who lived just across the street, to watch the bustle of arrival.

One day Miss Ellett saw the little wistful face by the gate, and that was the beginning of a very long and very happy friendship. Early every morning Cynthia would trot over and say, "Do you want me to run any errands this morning?" And always, when she came back, Miss Ellett would be waiting for her with a cookie in one hand and a lump of sugar in the other.

On this particular day there was an unusual air of flurry about the house, and old Betty was very busy indeed. Cynthia had just begun to say, "Do you want me to run any—" when Miss Ellett interrupted her.

"Yes, dear, I do, and as quickly as the little feet will take you," she said. "Friends are coming to lunch unexpectedly, and I want some sweetbreads. The butcher didn't call this morning, and if you don't get them for me I shan't know what to do. You don't mind going way down to his house, do you?" For in this little village the butcher's shop and the butcher's house were all under one roof and quite at the other end of the long main street. "Here is the money, Cynthia," Miss Ellett went on, "and bring me as quickly as possible six sweetbreads."

Cynthia hurried happily. Who would not to oblige kind Miss Ellett! And at the end of half an hour she was back again; but it was a very unhappy child who lifted the heavy brass knocker on the wide green door.

Miss Ellett herself came trotting. "Oh, the good girl," she was beginning, but checked herself. "What's the matter?" she asked, for Cynthia was crying.

"He said he didn't have any," she sobbed. "He—he—said he'd never heard of such a thing in his life!"

Miss Ellett began to look grave, for luncheon-time and the cousins were very near now.

"Never heard of them!" she repeated. "What nonsense!" Why, he told me some day before yesterday, and he promised to bring them again to-day!"

"And I told him you were in a hurry, the little girl went on. 'I told him that you wanted the candy loaves for lunch, and he said I'd better go to the bakery and buy you some sticks of peppermint—'"

But Miss Ellett, in spite of her funny, funny child," she cried. "Of course Mr. Plum wouldn't understand. It was sweetbreads, not candy loaves, dear. They do seem a good deal the same. I suppose your 'candy loaves' must be made of sugar and spice and all that's nice." "But you will try once more, Cynthia, to get the sweetbreads?"

And Cynthia dried her tears and set out upon her errand again, this time so successfully that the cousins and the sweetbreads met each other just at the proper time. Youth's Companion.

POOR CHAP.

"Poor Riggsley! I met him a moment ago, and he seemed to be terribly depressed. I hadn't heard before he mentioned it that he had lost his wife. When did it happen?" "His wife! You misunderstood him. I met him just after he'd been talking to me, and he told me he had lost his pipe." "Oh, his pipe! And I let him pass on without giving him more than a word or two of sympathy."

TRAGEDIES FROM STRIKES

SOMEONE HAS TO PAY THE PENALTY OF RIOTS.

Strikes Nearly Always Mean Tragedy, Frequently for the Innocent.

Two years ago the dock laborers at Amsterdam, Holland, went on strike, and not content with refusing to work, turned incendiaries, and fired the great timber sheds. The fire spread, and for nineteen hours nine acres of buildings blazed furiously. Water was obtained with difficulty, and the firemen had to be protected by troops.

At the height of the conflagration, when people were being compelled to leave their threatened houses, a poor old man, desperate at seeing his home in flames, rushed through the cordon and flung himself into the burning building. He was pulled out alive, but died later in hospital.

At Mulhausen, in Germany, doctors employed by the sick fund societies found that their fees amounted to about four cents per visit, so at last combined to go on strike. Before the sick fund societies agreed to raise the absurd fees which they had been paying, several deaths are said to have occurred among people whose relations either could not or would not pay for medical attention.

DEFENDED BY GUNS.

The number of lives lost in American strikes is simply appalling. In 1907 the street car drivers of San Francisco went on strike, and when their demands were not complied with took to rioting.

The military were called out, and a series of pitched battles resulted in fifty-four of the strikers being picked up dead. This was bad enough, but it does not equal the tragedy which occurred at Zeigler, Pennsylvania, in April, 1905. The miners in Mr. Leiter's colliery having gone on strike, the owner filled their places with non-union men, and continued work. To protect the blacklegs he raised stockades around the pit mouth, which were defended by machine guns.

One day, when nearly two hundred men were below, the earth rocked with the force of a sudden explosion, and a gush of smoke shot from the mouth of the pit. The death roll was sixty. It was afterwards proved that the explosion was no accident, but the deliberate work of certain of the union strikers.

The scene was a Parisian hospital, and on the operating table lay a man undergoing an operation for appendicitis. The surgeon was approaching the most difficult part of his dangerous task when a messenger came in quickly with the news that strikers were about to cut off the light.

For a moment there was something like panic among the nurses and attendants, but the surgeon gave rapid orders, and in a few moments the powerful acetelene lamps from his waiting motor car were brought in.

Just in time, for within a few seconds the current was cut off, and the electric bulbs went dark. Had the message not been received in time without doubt the patient would have died.

DISGRACE AND DEATH.

The failure of the light was due to the wanton caprice of "King" Pataud, who, merely for the purpose of showing his despotic power, is constantly cutting off the electric power in sections of the city.

Five years ago a million workmen in fifty Italian towns and cities went on strike, and in several places there followed rioting and loss of life.

At Milan, among the rioters arrested by the police was the husband of a well known opera singer. The first news which the lady received of the disgrace which had befallen was a letter from the manager of the theatre at which she was appearing saying that, in consequence of the way in which her husband had disgraced himself, her services were no longer required. The poor woman was so overcome with shame and remorse that she took poison and died.

On the same day there were two other suicides at Milan, both directly attributable to the strike. A cousin of Dr. Gadola, who was cruelly murdered by the strikers, killed himself; and a poor old woman, who found herself starving through having no papers to sell (the printing works having all closed) flung herself out of a window.

Superintendent—"What we want is a night watchman that'll watch, alert and ready for the slightest noise or indications of burglars, somebody who can sleep with one eye and both ears open, and is not afraid to tackle anything. See?" Applicant—"I see, sir. I'll send my wife round."

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