

James Snell's Leicesters, Shorthorns and Clydesdales.

At the World's Fair no class of live stock was more creditable to Canada than the Leicesters. Nearly all of those shown were home-bred. As previously reported, Mr. James Snell, of Clinton, Ont., was a most successful prize winner in this class. Soon after his return from Chicago, one of our staff visited his farm and carefully inspected his live stock. We found him a good all-round live stock man. Like his noted relatives, John Snell's Sons and J. G. Snell & Bro., of Edmonton, Ont., he and his ancestors are well and favorably known by the lovers of fine stock in Canada.

His Leicesters, one and all, are a good lot, very uniform in type, large, of good quality and well woolled. The breeding ewes are very handsome, not a poor specimen in the entire flock, but many good ones. The ewe lambs are, like the ewes, large, even, of good quality, well woolled and handsome. The ram lambs were promising. Next year we will expect to see Mr. Snell out with some very thick-fleshed, heavily-wooled yearling rams. Four yearling rams now grace the pens; they are good in every particular, so are the yearling ewes. The ram at the head of the flock is imported Sherborn Boy, a recent winner at the Royal Show of England. He is a sheep of large size, and carries a fleece of good quality. The photo-engraving on our front page shows this animal as he stood in the field among the ewes. The artist has not flattered him in any particular. Since being imported, he has won second place in Chicago in his class. He also headed the flock of one ram and three ewes, two years and over, which took first place.

The ewe to the right in the engraving is of great substance; she won first in the three-year-old class at Chicago. The other ewe is two years old, of the same type and general excellence as the last named; she also won first in her class at Chicago, and sweepstakes for best Leicester ewe any age. These ewes were bred by their owner. Mr. Snell's flock of Leicesters has been established for about forty years.

HIS SHORTHORN HERD

was established in 1861, and ever since has been bred most carefully with a determination to produce thick-fleshed, vigorous, short-legged cattle, and well has the proprietor succeeded. The herd, like the flock, is uniform. The short, strong legs of the animals carry massive, thick-fleshed bodies, which are in nearly every case covered by splendid hides and grand coat and hair. A visitor is at once impressed by the uniform thickness of heart and ruggedness of the individuals. They are a lot of "rustlers" which need no pampering.

One of the cows, Daisy 2nd, bred by the owner, got by Vice-Consul, bred by S. C. Isaac, Baltimore, Ont., is very handsome; at the present time she is the plumpiest in the herd. Her coat is mossy and her skin soft and pliable. She is just the sort most sought after by practical men who know a good one when they see it. This cow has been successful in the show ring.

Sea Bird is a full sister to Daisy 2nd, and, like her, is a beautiful roan. She is large, showy and evenly fleshed—not an animal on the farm possesses more vigor and robustness. She should grow into a wonderfully good, useful cow.

Daisy, the dam of the two last named, is a strong, useful red and white. Like her produce, she is massive and near the ground, a grand milker and extra breeder. She is the oldest of a tribe that has been kept on the farm for generations.

Irena 13—14271—is a dark roan and is of the same type, a good cow and a remarkably heavy milker. She is the dam of three bulls, two of which have been very successful in the show ring. Her daughter, Blue Bird, by Vice-Consul, is a beautiful heifer calf, in type much like Daisy 2nd. She is promising in many respects.

Crimson Rosebud is another of this family. Her dam is Irena 12th, sire Vice-Consul. This is a beautiful dark roan heifer, with well-sprung ribs, good top and bottom lines; she is good in all points and has been a successful prize winner.

Strawberry—14274—is a large, dark red cow, a very successful breeder. She is the dam of the bull now being used by Mr. John McMillan, M. P., Constance, Ont. Her daughter, Moss Rosebud, also red, is of rare quality, short legged, thick fleshed and smooth—every inch a show cow. She is the dam of a fine red heifer calf. Two prime young bulls adorn the stables; their dams are Daisy and Daisy 2nd. They are a pair of lusty, vigorous youngsters, possessing the characteristics of the herd. One of them has won first place in the show rings three times this fall.

The animals mentioned are but specimens of the herd. There are many other good ones, but space will not allow us to particularize further. When the herd was established the show cow Strawberry, by Cobden, was purchased from the late John Snell, of Edmonton. She was a famous prize winner, and was the foundation of the Strawberry family now in the herd. The next cow was purchased from F. W. Stone, Guelph. She was a Provincial prize winner. Next came Agness Buckingham and Irena, bought from John R. Craig's herd—the last named was a prize winner at the leading shows of that day. Agness Buckingham is a heavy milker. All the cattle on the farm trace to these cows.

The bull at the head of the herd is New Year—17251—, now fifteen months old. He is a smooth, stylish fellow, bred by J. & W. Watt, Salem, Ont., and is a half brother to Col. T. S. Moberley's world-famed bull, Abbottsburn, which was also bred by Messrs. J. & W. Watt.

THE CLYDESDALE STUD

is composed of four mares and an entire colt, Hullett's Pride, foaled April 18th, 1892, by Andrew Lammie, dam Gypsy Queen. This is a large, showy, smooth, upstanding colt. He won second at Toronto in 1892, first at London, first at Goderich, first at Clinton, first at Blyth, and sixth at Chicago. His dam is a fine, thick, well-turned mare; like her son, she is a good mover. Her muscular legs are covered with plenty of fine silky hair. She was placed second at the Highland Society's show in 1890, and has since been a prize-winner at Toronto, London, and other leading exhibitions.

Imported Bess is a thick, massive, short-legged, fresh-looking old mare, the possessor of a robust constitution, and many other good qualities. She is sixteen years old, and is in foal. She has won many prizes, including Provincial diplomas. Her daughter, now one year old, is of much the same type, and will doubtless prove a valuable brood mare.

Jess is another imported mare, but space forbids further description of the Clydesdales or the Berkshire pigs kept here, all of which are purely bred and duly recorded.

Mr. James Snell's brother, Mr. William Snell, lives on the adjoining farm, and breeds and imports Clydesdales and Shropshires. We hope at a future time to give a description of his live stock.

Wm. O. Telfer, Telfer P. O., Ont., is a believer in the degeneration of wheat into chess. His proof is, he says, that his uncle, the late Adam Telfer, about thirty years ago procured a head half wheat and half chess, while he procured a fine bunch of chess in 1801, the roots of which originated in a head of wheat, and apparently came directly from the berries of the head.

If large trees are to be removed, December, or earlier in northern localities, is a good month to begin operations by excavating a large hole where the tree is to stand, and digging a deep ditch around the tree, and at some little distance from the trunk, so as to ensure having plenty of roots. Then when the ground is thoroughly frozen the tree with the solid lump of earth adhering may be removed, and set in its new home with good prospects that it will survive the ordeal and come out safely in the spring.

The news of the discovery of a preventative for tetanus or lockjaw will be welcome information to all our stockmen, and especially to horse breeders, for the horse is more susceptible to this disease than any other class of live stock. Recent investigations prove that it never appears as a primary disease of itself, but is invariably the result of wounds. It has long been known that wounds impregnated with dirt are liable to lead to lockjaw, but it is only of late that the disease was found to be due to the presence of a special microbe in the dirt. An Italian, Professor Tizzoni, of Bologna, has introduced a substance which he calls *tetanus antitoxin*, which has in a large number of cases proved curative in man as well as in the lower animals, some of the cures being of a very surprising character. Horses or other animals are first rendered immune, and from their blood the antidote is prepared, and the patient is treated with a hypodermic injection of the substance. The subject is at present attracting great attention among medical men and veterinarians on the continent. It is to be hoped that further experiment will confirm the high opinion already formed by eminent scientists of the importance of the new treatment.

Let Us Hear from You!

It is the duty of everyone in this period of depression to do whatever he can, both by word and deed, to strengthen the hearts and hands of others.

If your experience has been such that you are not feeling the hard times quite so much as others, it would be generous for you to come out and state wherein the secret lies. It will do you no good to keep it to yourself, but it will be a benefit both to yourself and probably to many others, to point out the way in which it has been made easier for you to weather the storm of hard times.

Let us hear about your farm management, how you have succeeded with your crops. Is your experience in horse-breeding satisfactory? How do your pigs and poultry pay you? What have your sheep done for you? What success have you had with your orchard this year? Has the dairy herd fulfilled your expectations? In short, what department of your farm have you found the most successful?

On the other hand, if you have lost money in any department of the farm, tell us to what you attribute such losses; what remedy would you recommend to guard against such losses in the future? Let us hear from you about these things. You will find both a pleasure and a profit in doing so, for a careful review of your affairs will impress the good and bad points of your management more firmly in your mind, and thus enable you to receive more profit from your own experience. This is not the only benefit you will receive, for you will also have the satisfaction of feeling that your experience will be of some use in helping your brother farmer.

It may not be wise at all times for a merchant or manufacturer to tell others the secrets of his success, but a farmer cannot lose anything by telling his neighbor how he managed his farm so as to make it yield, if not a fortune, a good living, even at a time when everything appears to be at its lowest ebb.

The FARMER'S ADVOCATE, as its name implies, is published solely in the interests of agriculturists. It seeks to disseminate knowledge which will be of interest and value to all who read it, and nothing can be of more importance to them than letters from practical men who are able to demonstrate the fact that there is still, not only hope, but also bright prospects for the great industry by which we live, if we only take unity for our motto and stand shoulder to shoulder in defence of our common interests. Let us have a regular experience meeting each issue; we pay our friends for the time they spend in writing to us. See page 455.

The Ontario Agricultural and Experimental Union.

The annual meeting of the above society will be held at the Ontario Agricultural College on the 21st and 22nd of December. This Association has developed wonderfully during the past year, and now carries on the largest co-operative experimental work in the world. As regards the magnitude of the work which has been performed during the past season, we cannot do better than refer our readers to the last issue of the ADVOCATE, page 434. The Committee in charge have spared no pains in order to make this the most successful meeting ever held. Many prominent agriculturists have signified their intention of being present and taking part in the discussions. The following gentlemen will read papers or deliver addresses on the subjects which are set opposite their names:—Prof. C. C. James, Deputy Minister of Agriculture: "The Social Condition of the Farming Community." W. W. Hilborn, Leamington, Ont.: "Horticulture in Ontario." Prof. Thos. H. Hunt, Columbus, Ohio: "The Value of Stock Feeds." Wm. Mulock, M. P., Aurora, Ont.: "How to Improve the Financial Condition of the Farmer." John Harcourt, A. O. A. C., St. Annes, Ont.: "Sheep." T. H. Mason, Staffordville, Ont.: "Hog Raising for Profit." R. F. Holterman, A. O. A. C. Brantford, Ont.: "Success in Bee-Keeping." In addition to the above a very interesting report may be expected from the chairmen of the different committees on experiments who have had charge of the work for the past year. Programmes and full particulars regarding railway fares, etc., may be obtained from the Secretary, R. F. Holterman, Brantford, Ont.

Mrs. E. M. Jones, of Brockville, Ont., referring to her own practical experience and that of that of others in dairying, says:—"It makes my heart sick to see those of my own sex wishing they could earn some money peddling books and corsets, working in factories, or writing trashy novels for only enough to keep body and soul together, and all the time they have right at hand an industry more noble, more profitable, and far more independent—one that will elevate themselves and the whole community, and confer a lasting benefit upon the country in which they live and die."