

splendid filly, with bones of the right-wearing kind, legs planted rightly beneath her, and a very fine mover. She was champion at Kilmarnock, and to our thinking is the best young Clydesdale mare of the present day. Second to her was placed Mr. Guild's Maid of Athens, which last year was unbeaten. She is a very bonnie one, with grand fore end and legs and feet, but a little faulty behind. The yearling prize list was, with one exception, composed of daughters of Baron's Pride, which have nearly all been prominent in their own classes at previous shows. Mr. Guild's first Topsy Pride is unbeaten. Mr. Sinclair Scott's second was not shown before. Mr. Marshall's third was first at Glasgow, Mr. Murdoch's fourth was well forward at Kilmarnock, Mr. George Alston's fifth was highly placed at the west county shows, and Mr. Smith's is a newcomer, placed seventh. The one break in the continuity of this triumph was furnished by Mr. William Park's Lady Helen, a Londonderry filly by Lord Stewart, which was placed second in spring, and has been winning strong in the eastern part of the country. The reserve female champion was Mr. Lumsden's Balmie Queen Mab, first prize yield mare, and one of the sweetest and truest Clydesdales shown. She was second last year as a brood mare at Kelso, and we should have thought the award right which would have made her female champion this week. She was got by Royalist 6242, and takes a lot of beating. Sir John Gilmour had the first prize brood mare in Montrave Rowena, a fine type of Clydesdale, with a grand fore leg. Mr. McKeich's champion mare Lady Raffan, by Sir Everard, was second, and led a trio of the daughters of that fine horse.

CATTLE.

Cattle of all breeds cultivated in Scotland were strongly represented. For some unaccountable reason, the one breed somewhat disappointing in numbers was the Galloway. This is all the more surprising from the fact that the Duke of Buccleuch, whose guest the Prince of Wales was, owns one of the best herds of Galioways in the country.

Shorthorns were a fine lot of cattle, and although certain of the Maidstone champions were forward, the chief honors went north. The best bull and the best animal of the breed was declared to be Mr. A. M. Gordon's Corner Stone 68406, from the Newton herd of Inch, Aberdeenshire. This is a roan bull, three and a half years old, got by Touchstone 60073, from the famous prize cow Butter Scotch. He had a tussle with Sir John Gilmour's Brave Archer 70018, which got somewhat hard lines at Maidstone, for first place in his class, but on the whole Corner Stone was entitled to the premier position on the score of symmetry and style. This is the second year in succession for Mr. Gordon's herd to provide the breed champion, last year's winner being Star of Dawn, a beautifully level bull, which went to South America. The Maidstone winner, Mr. Harrison's Count Beauty 72267, bred by Mr. Duthie—a good square bull, but having rather too long a horn—led the two-year-old class. Both Her Majesty the Queen and the Prince of Wales were successful exhibitors of Shorthorn bulls. The Queen was first with a yearling and second with a two-year-old, and the champion female, the yearling heifer Cicely, was also owned by Her Majesty. This heifer was female champion at Maidstone, but she had a hard job winning the championship this week, her great opponent being a fine two-year-old heifer named Lady 17th, bred and owned by Mr. C. M. Cameron, Balnakyle, Ross-shire, who has one of the best herds in Scotland. An umpire was required to decide which of these heifers was to be champion, and he gave the honor to the royal herd. Mr. Cameron is to have a great sale in autumn, when Canadian buyers should look in. He has fine cattle. There was a brisk demand for Shorthorn bulls at this show, and many were sold for foreign export.

Aberdeen-Angus cattle were led for champion by the magnificent old bull Equestrian 9953, bred at Ballindalloch, and breed champion at Perth in 1896, as well as first at Dumfries in 1895. He is gay and handsome, and showed himself, in spite of his seven and a half years, as gaudy as a two-year-old. Apart from Equestrian, whose owner is Colonel Smith Grant, of Auchorachan, the champion of the bulls was Sir George Macpherson-Grant's Prince Ito 12869, a wonderfully well-fleshed bull, greatly improved since last year, when he was hardly in the running. He was champion all round in 1897. Another fine bull was the two-year-old Diaz 14272, bred at Aldbar, and owned by Mr. W. S. Adamson, Careston Castle, Breebin; and Mr. Hugh Urison, Milton, of Noth, had first with his yearling Hengist of Pitpointie, which stood first at the Perth sale in spring. The champion cow was Mr. Smith's Petalite 22270, bred by Mr. Simpson, Kirk-side, Banff, and from Powrie. McClement Stephenson and the Earl of Strathmore were, as usual, very hard to beat in the younger classes. The former had first and second for two-year-olds, and the latter, for the fifth year in succession, had first for yearling heifer. She was got by the famous bull, Boaz of Ballindalloch, and is simply perfect in her hind quarters.

Amongst the Galloways, Sir Robert Jardine's fine herd at Castlemilk provided both male and female champions, the breed championship going to his cow, Nancy Lee 2nd of Castlemilk, a beauty. The Athotfold was providing the champion of Highland breed in the three-year-old bull, Calum Riabhach II, 1325, which carried off the same honor

a year ago; and amongst the Ayrshires champion honors were worthily bestowed on the famous Mid-Ascot herd of the Messrs. McAllister in Bute. They showed splendid milk stock, which fittingly represented their high-class herd.

THE SHEEP.

Amongst sheep, the extraordinary feature was the success of Mr. Charles Howatson, of Glenbuck, with Blackfaces (he was first in every class, and took many other prizes), and of Mr. Robert Wallace, Auchinbrain; Mandeline, another Ayrshire man, with Border Leicesters. The championship of this breed, however, went to an Angus man—Mr. David Hume, Barreilwell, Brechin, for a beautiful grimmer of surpassing merit.

"SCOTLAND YET."

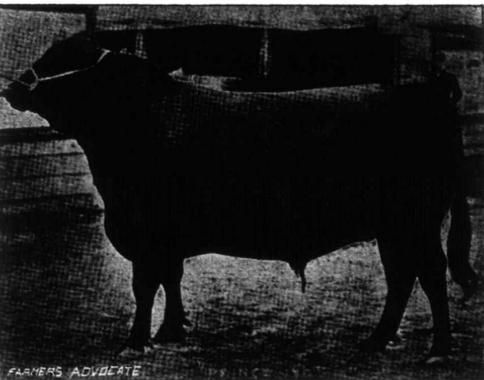
Larger Clydesdales Wanted.

To the Editor FARMER'S ADVOCATE:

SIR,—Mr. David Burns' letter in your last issue, on "Mares and Foals on Pasture," is a timely and practical one, and from which very little exception can be taken. His statement "that a great many Clydesdales of the present day are becoming finer and smaller and taking too long to mature" requires more than a passing notice, as this is unfortunately too true, and it is just possible that inbreeding may have done its share and carelessness played its part. However, my belief is that the craze of late years for quality, even at the loss of size and weight, has been the principal cause, until to-day we have plenty of animals weighing from 12 to 14 cwt., but few reaching 16 cwt. or more. This is to be deplored, as the latter class are worth almost anything the breeder or farmer may ask for them.

What is the remedy? Is it by using an outcross such as the Shire suggested by Mr. Burns, or quietly drifting back to the use of such stallions as we were so proud of 25 years ago—larger and somewhat rougher though they were.

The Clydesdale of to-day has all the useful characteristics of the heavy horse, except weight



ABERDEEN-ANGUS BULL, PRINCE ITO 12869. Winner of first and special prizes at the Highland Show, 1899. PROPERTY OF SIR GEORGE MACPHERSON GRANT, THE CASTLE, BALLINDALLOCH, SCOTLAND.

and size, but I would hesitate long before using any such cross as the Shire, especially such stallions as have been imported into Canada. I would urge: think less of quality and go more for the stronger, even if rougher, pure-bred Clydesdale stallions. We should not longer hesitate, as the difference in price between the medium and heavy weight is too great to continue in the old way.

Ontario Co., Ont. WM. SMITH.

Raising Foal on Cow's Milk—Cure for Sprain.

To the Editor FARMER'S ADVOCATE:

SIR,—I have seen in July 1st ADVOCATE about raising a colt by hand, and I don't agree with the advice given. I will now give you my experience with one which is now just one and a half months old. Its mother never got up after foaling. I feed it six times a day on cow's milk (cold), without any water. I sweetened the milk with maple syrup for a while. I used about one gallon of syrup, and then weaned it from that. The syrup is to regulate its bowels. If too loose give it a little less, as you see it needs it. It is doing just as well as it would on its mother. It is now starting to eat a little hay. I keep it in all the time, either in a box stall or in the yard. It has a small rupture at the navel. I would like to know if it would be better to do anything for it. The reason I tried the pure cow's milk cold with syrup, I have seen three or four children raised on it. The mother never warmed the milk, and the doctor could hardly believe till he saw how well the children grew.

I will now give you a cure for a sprain. Take spirits of turpentine and salt butter, equal parts. Allow it to simmer on the stove in an earthen vessel, and when cold enough rub the joint well. Then saturate a woolen bandage with it and roll round the joint. You never tried a better cure.

Huntington Co., Que. WILLIAM BROWNLEE.

Herefords at Home.

THE HEREFORDSHIRE AND WORCESTERSHIRE SHOW.

This annual show is one at which one generally finds the Hereford cattle in their greatest force and strength. This reputation was fully maintained at the meeting of this society which took place on June 13th to 15th last at Stonebridge. There were four classes for bulls, five for females, and one family class—i. e., for bull, cow and offspring. In this latter class—a small one, but of good merit—Mr. E. White secured first place with Tedstone President, Dorothy 3rd and her calf by the aforementioned bull; Mr. J. Tudge, a name well known amongst Hereford men, being second with Viscount Rupert, Ruthem and her calf by the aforementioned bull; Mr. P. Baldwin being third; and W. H. Davies, R. N. In the open bull calved in 1898, a very good, even class, Mr. A. E. Hughes was to the front with Prosperous, by Albion 15027; Mr. W. Tudge being second with Goldsmith, a capital bull; whilst third honors went to Maximilian, a first-class bull of Mr. R. Green's; the same exhibitor also being R. N. with Climax. Messrs James Edwards, A. R. and G. W. Firkins and Capt. E. A. L. Heygate were winners in the local class. Two-year-old bulls—a small entry, of uniform merit and good quality—were headed by Nonpareil from Mr. A. E. Hughes' noted herd; Earl of Coventry being second with a very even-fleshed bull, Miser; and Mr. Laughton Moore third with Earisfield. The old bull class was also one of very considerable merit, Messrs. A. E. Hill and E. J. Lewis being rightly placed first with Newdigate, a grand bull, bred by Mr. J. H. Arkwright, by Pearl Cross, out of Lively 18th, by Hilarity; Iron King, from Mr. E. Yeld, coming in for second honors; and Admiral, from Mr. W. A. Andrews, was third. An even and good class of yearling heifers were headed by Mr. R. Green's Lady Help, by Diplomat 13323, her closest competitor being Waterweed, owned by the same exhibitor and got by the same sire; the third entry from this herd, Red Rachel, by Block Test, being R. N.; whilst the exhibits of Mr. S. H. Armitage and Mr. P. Gordon were placed respectively third and fourth in the award list. In the two-year-old heifer class Mr. W. Tudge, with a beautiful heifer, Leinthall Beauty, by Rupert (16366), led the way, followed by a pair of meritorious heifers, of grand type and character, from Mr. J. Tudge's herd at Duxmoor—i. e., Lady Duxmoor, by Lord Letham 13037, and Wilton Star, by Forest King 13364—came in for the second and third awards. In the cow class Mr. R. Green came first with "Cedar," a four-year-old; Mr. R. D. Cleasby second; with Dora, from Mr. J. Tudge, R. N. The pair of heifers class was a really good one, in which were some very excellent yearling heifers, the first place being filled with a grand pair from Mr. W. Tudge's herd, New Year's Gift, by King George 18422, and British Beauty, by Goldbox 15339; Mr. W. T. Bamely's pair being second; and Mr. John Tudge third.

There was a capital lot of Shorthorns shown, and Messrs. R. Stratton, John Handley, George Harrison and J. Deane Willis were the leading winners.

Nature Study.

The Agricultural Department of New York is doing a work through the public schools of that State which is worthy of emulation everywhere. Leaflets, designed only for the eye of the teacher, are issued, giving instructions as to how to train the pupil in perception and develop its appreciation of the processes of nature which are constantly within the range of its view. The teacher is told to avoid technicalities beyond the limits of necessity, and to burden the pupil very lightly with definitions and classifications, leaving the child to supply as far as may be these omissions. Leaflets already issued bear these titles: "How a Squash Plant Gets Out of the Seed," "How a Candle Burns," "Four Apple Twigs," "A Children's Garden," "Some Tent Makers," "What is Nature Study?" "Hints on Making Collections of Insects," "Leaves and Acorns of Our Common Oaks," "Life History of the Toad," "The Birds and I," "Life in an Aquarium," "How the Trees Look in Winter," "Evergreens and How They Shed Their Leaves." A tactful teacher finds an immense field of possibilities just here, and can invariably enliven a dull hour or concentrate flagging attention by giving a lesson from nature. In no direction is popular education moving more steadily than toward the essentially sensible and practical.

Winnipeg Industrial Exhibition.

The Winnipeg Industrial Exhibition, from July 10th to the 15th, was a great advance on all its predecessors, the attendance surpassing all previous records. The weather was beautiful.

Among the many distinguished visitors to the fair were: H. F. Brown, the well-known Shorthorn breeder and exhibitor, of Minneapolis; Capt. Thomas Robson, of Ilderton, Ont., breeder of Shorthorns and Lincoln sheep; Wm. Graham, the celebrated horseman, of Claremont; Henry Wade, Registrar of Dominion Live Stock Records; Dr. Jas. Fletcher, Dominion Botanist; J. X. Perrault, Dominion Commissioner to the Paris Exhibition; and the stock judges, Messrs. John Davidson, Ashburn; Wm. Hendrie, Jr., Hamilton; Dr. Willoughby; D. B. Charles, Galt; Wm. Watt, Salem; Wm. Stewart, Menie; J. C. Snell, London; Sharpe Butterfield, London; and Prof. Haecker, of the Minnesota Agricultural College.

On succeeding pages we give complete reviews of the leading departments of the show: