

THE FARMER'S ADVOCATE & HOME MAGAZINE

THE LEADING AGRICULTURAL JOURNAL IN THE DOMINION.

PUBLISHED BY
THE WILLIAM WELD COMPANY (LIMITED).
LONDON, ONT., and WINNIPEG, MAN.

JOHN WELD, Manager. F. W. HODSON, Editor.

The Farmer's Advocate is published on the first and fifteenth of each month.

It is impartial and independent of all cliques or parties, handsomely illustrated with original engravings, and furnishes the most profitable, practical and reliable information for farmers, dairymen, gardeners and stockmen, of any publication in Canada.

Terms of Subscription—\$1.00 per year in advance; \$1.25 if in arrears; sample copy free. European subscription, 6s. or \$1.50. New subscriptions can commence with any month.

Advertising Rates—Single insertion 30 cents per line. Contract rates furnished on application.

Discontinuances—Remember that the publisher must be notified by letter or post card when a subscriber wishes his paper stopped. All arrears must be paid. Returning your paper will not enable us to discontinue it, as we cannot find your name on our books unless your Post Office address is given.

The Advocate is sent to subscribers until an explicit order is received for its discontinuance. All payments of arrears must be made as required by law.

The Law is, that all subscribers to newspapers are held responsible until all arrears are paid, and their paper ordered to be discontinued.

Remittances should be made direct to this office, either by Registered Letter or Money Order, which will be at our risk. When made otherwise we cannot be responsible.

Always give the Name of the Post Office to which your paper is sent. Your name cannot be found on our books unless this is done.

The Date on your Label shows to what time your subscription is paid.

Subscribers failing to receive their paper promptly and regularly will confer a favor by reporting the fact at once.

We Invite Farmers to write us on any agricultural topic. We are always pleased to receive practical articles. For such as we consider valuable we will pay ten cents per inch printed matter. Criticisms of Articles, Suggestions How to Improve the Advocate, Descriptions of New Grains, Roots or Vegetables not generally known, Particulars of Experiments Tried, or Improved Methods of Cultivation are each and all welcome. Contributions sent us must not be furnished other papers until after they have appeared in our columns. Rejected matter will be returned on receipt of postage.

Replies to circulars and letters of enquiry sent from this office will not be paid for as provided above.

All communications in reference to any matter connected with this paper should be addressed as below, and not to any individual connected with the paper.

Address—
THE FARMER'S ADVOCATE, or
THE WILLIAM WELD CO.,
LONDON, ONTARIO, CANADA.

CONTENTS.

EDITORIAL:—
121—Illustration. 122—Editorial Notes; Canadian Cattle Matters; Against Clydesdale Interests. 123—Poland-China and Duroc-Jersey Swine; J. E. Smith's Clydesdales and Shorthorns; "The Robertson Combination for Ensilage."

STOCK:—
124—Isaleigh Grange; Chatty Letter from the States. 125—Our Scottish Letter. 126—Care of Colts.

FARM:—
126—Building with Concrete; Distribution of Seed Grain; Bromus Inermis. 127—Seed Catalogues for 1893; Tomatoes in Canada; Questions Asked and Answered.
LEGAL QUESTIONS AND ANSWERS—128.

GARDEN AND ORCHARD:—
128—Spraying Fruit Trees; Horticultural Notes.

VETERINARY:—
129—Veterinary Questions.

DAIRY:—
129—Branch Dairy Convention.

POULTRY:—
130—Poultry on the Farm; Poultry as a Branch of Canadian Farming; Poultry Questions.

APIARY:—130.

MISCELLANEOUS:—
134—A Paper on Horse Breeding and the Treatment of Brood Mares and Foals; Hiring a Man for the Season.

FAMILY CIRCLE:—131.

QUIET HOUR:—131.

MINNIE MAY'S DEPARTMENT:—132.

UNCLE TOM'S DEPARTMENT:—132 and 133.

STOCK GOSSIP:—136 and 137.

ADVERTISEMENTS:—134 to 140.

CANADIAN THORPE BARLEY.

Except on rare occasions and in favorable localities, the English Two-Rowed Barley have not done well in Canada, but the Duckbill and the Canadian Thorpe—an improved variety of Duckbill—have done very well in all parts where the Six-Rowed Barley succeeds. For feeding purposes it is far superior to the last named; it is also a much heavier yielder, according to English reports. It is an excellent malting variety, but for this purpose should never be mixed with any other sort. It is an upright grower, long, bright and very stiff in the straw; seldom, if ever, lodges. During the last three years it has been tested by leading farmers residing in various parts of Ontario; also by the Dominion Experimental Farms. All have found it the variety par excellence, being hardier, withstanding frost and drought better than any other sort; in fact, being equal to the hardest wheats in this respect. The average yields of this variety will vary from 40 to 60 bushels per acre, when sown on suitable soils; when sown on rich cultivated lands, the yield has sometimes reached 70 bushels per acre. The grains are large and plump; if cut early and carefully harvested, are very bright and light in color. We have procured a quantity of this grain; the stock has been carefully hand-picked in the bag and field for the past ten years, and for ten previous years it was each year carefully selected in the field, so that it now is a well-established pedigreed variety. For one new yearly subscriber to the FARMER'S ADVOCATE we will send 20 lbs. of this Barley, or for two new subscribers, 48 lbs.; for every additional new subscriber we will send 1 bushel (24 lbs.) bags free. The grain will be sent by freight or express, as desired by the receiver, who will pay R. R. charges. One dollar must accompany each new name sent.

Our Scottish Letter.

SHOWS AND MEETINGS.

Two events closely connected come before us at this season—the Glasgow Stallion Show and the annual meeting of the Clydesdale Horse Society. Between the two there is no direct union, but the indirect influence of the one upon the other is very apparent. The presence of the numbers attached to the pedigrees of the animals is the least of the indications of that influence with which all have been familiar since 1879. The complete revolution which has taken place in the method of hiring horses, during the past ten years, is undoubtedly due to the silent but steady influence of the movement in favor of pedigree registration, and the independence of this movement of all such abnormal and passing agencies as the foreign demand is conclusively established by what has been transpiring during the past six months. The anxiety of farmers to secure the most valuable horses for breeding purposes is now seen to have been due to no feverish excitement arising from an excessive foreign demand, but to a steadily-growing conviction that no horse should be chosen for breeding purposes during the bustle and anxiety of a great show and competition. There was too great nerve tension and too little time to make a leisurely survey under such circumstances, and consequently no less than fifty-four of the best horses were under hire before the gates of the show were opened.

How widely supported is the system of pedigree registration followed in the Clydesdale Stud Book is evident from the fact that in the three open classes there were but five aged horses, two three-year-olds, and no two-year-olds that would not register, and in the whole show there was not a single horse that could be styled cross-bred. The total number of three-quarter-bred Clydesdales in the whole show was ten, and this indicates a remarkable change in less than the same number of years. The competition for the Cawdor Cup forms an important link between the Stud Book and the show, and the interest taken in it is one of the healthiest signs of the present state of Clydesdale breeding. The tone and temper of the annual meeting of the Clydesdale Society were indicative of buoyant hope, and while there was some difference of opinion in regard to points of administration, it was quite apparent that the future was not regarded with foreboding, but with an optimistic and cheery confidence. A society confined to one section of the community, and offering no inducements to its members but the patriotic maintenance of a valuable breed, may well be hopeful when, at the close of its sixteenth year, in spite of a season of depression it counts on its roll no less than 1478 members, and is adding new supporters from month to month to take the places of those dropping out of the ranks by the efflux of time. The Clydesdale Society has weathered many storms; its infancy was cradled amidst strong opposition, and its mid-life passed in a keen conflict; and while never possessing either the possibilities or the realities of wealth to which its Southern neighbors have attained, it has been loyally supported alike by the leaders and the rank and file of the Clydesdale world. Its future will not be unworthy of its past.

The show yesterday, 10th inst., opened under very favorable weather auspices.

AGED HORSES.

The judging of the Glasgow premium and the open prizes proceeded on parallel lines. The entries for the £80 premium for the aged horse numbered 79, and included some notable prize-winners, including Prince of Princes, and Williamwood, from the Eastfield stud; Mr. Dunn's Master Robin; Gerard, Go Ahead, and Lord Ailsa, from Croy Cunningham; Mr. Johnston's William the Conqueror, Craichmore Darnley, and Royal Signet, from Hutton; Johnnie's Style and St. Stephen, from Meadowfield; Moneycorn, from Blackhall; Hamish M'Cunn and Juryman, from Berryyards; and Royal Stuart, from Westburn. Quite a large number of horses were drawn up for the Glasgow premium—indeed, far too many—but eventually the list was reduced to the following ten, viz:—Mr. Dunn's Master Robin, a very handsome horse, looking extremely well, and without question the best mover on the causeway in the class, Mr. James Johnston's William the Conqueror, which last year won several prizes; he is looking very well, and has grown into a big, powerful horse. Mr. Riddell's Moneycorn, the winner of the premium last year, wearing very well, and in every respect a very handsome horse. Mr. Alex. Scott's Hamish M'Cunn, which, since last season, has thickened greatly, and now appears to be a much shorter legged horse than he formerly was. Mr. Walter Park's two horses, Craichmore Darnley and Royal Signet, both of which had been successful in securing good premiums: The former is a horse of great substance, with grand lines all over. Royal Signet stood well forward, and is growing into a first-class horse with splendid action. Messrs. J. & J. Wilson's Royal Stuart was also among the horses drawn. He is a good mover, and a very thick, powerful horse. Mr. Riddell's horse, Sir James, bred by Sir James Duke, and the winner of the Lesmahagow premium last year, was likewise in the list. This is a very good horse of beautiful quality, and was greatly thought of by visitors. Mr. Alexander Scott's Juryman, an old favorite, and Mr. W. Renwick's Johnnie's Style, looking well and active, both of them sons of Darnley, were among the horses of favor. After a careful ex-

amination two animals were drawn from this lot, namely, Moneycorn and Master Robin. These horses are of distinct types, Moneycorn being a big, upstanding stylish horse, but perhaps a little wanting in rib; Master Robin, a very fine, short-legged horse of prime quality. After a few minutes' consideration, Royal Signet was drawn over along with these two horses, and the premium was awarded to Moneycorn. Mr. Riddell then withdrew his horse from further competition, and the judges of the open class—Messrs. Robert Bryden and Robert M'Allister—took their work in hand. For the open class there were several important additional competitors, the most notable being the H. and A. S. champion of last year, Mr. Taylor's Rosedale; Mr. Kilpatrick's celebrated horse, Prince of Kyle; Mr. Riddell's grand big horse, Gallant Prince, and the Messrs. Crawford's well-known prize horse Goldfinder, that was first at the H. and A. S. Show at Stirling in 1891. The short list of seven consisted of all of these horses, with Master Robin, Williamwood, which in days past more than once defeated Rosedale, Johnnie's Style and Royal Signet. It was subject of general remark that never had the merit of the horses in the list been excelled. There have been perhaps as good horses, but there certainly never were better. The judges had no difficulty in placing the first and second horses—Prince of Kyle and Rosedale. It was generally admitted that the first was looking better than he had ever before done. He has thickened out wonderfully, and is at present a horse of fine proportions, with rare quality of bone, and moving to perfection. Mr. Kilpatrick had certainly cause to be proud of his horse. To our mind he was walking better than when he was younger, and his closely-coupled frame and fine cantour were the subject of universal admiration. Mr. Taylor's finely-built horse Rosedale has always been a great favorite. He was the Duke of Hamilton's premium horse last year, and this season is under hire to the Dunblane, Doune and Callander district. His position was regarded as in every way well deserved—and could he but trot with the same freedom in front as Prince of Kyle, would probably be as stiff a competitor as that gallant Clydesdale ever faced. Difficulty was experienced by the judges in placing the third horse. At first their order was Goldfinder third, Master Robin fourth, and Gallant Prince fifth, but second turn there seemed to be a disposition to place Gallant Prince further up, and eventually matters came to a dead-lock. Mr. Weir was drawn by ballot as referee, and was asked to decide between that horse and Goldfinder for third place. He undertook the task, and after an examination in his usual masterful style, he put Gallant Prince third, and Goldfinder next. This placed Master Robin a stage further down, and our judgment would hardly have gone this way. Following the type of the first and second horses it seemed to us that Master Robin, in view of his own unexampled merits and admirable balance of points, should have been placed third. He has few equals, and no superior if absolute justness of points be considered. The only objection that can be made to him is that he is a little lighter than is requisite in a heavy draught horse. Johnnie's Style, which wears well, was sixth, Royal Signet seventh, and Williamwood eighth. Although we have not inserted their numbers, all of these horses will be found registered in the Clydesdale Stud Book.

THREE-YEAR-OLDS.

This was not nearly so strong a class, either in numbers or merit, as the aged horses. The winner of the Glasgow premium, Mr. Spittal's choice big horse, The Summit 9442, was first in the open class. He was got by Sir Everard 5353, the winner of the Glasgow premium three years in succession, and thrice first at the great spring show. Glenlithorn, a son of Ardnacraig, bred at Kippendavie, and owned by Mr. Riddell, was second. Mr. George Alston was third with his beautiful horse, Vanoras Prince 9461, and a capital horse, Lightsome Lad 9273, out of the dam of Royal Signet, and got by Craichmore Darnley, was fourth. He is owned by Mr. David Logan. Mr. Andrew Montgomery's powerful and strong, well-colored horse, the MacKerrall 9303, own brother to Newtonaids, the sire of Rosedale, was fifth. Choice Goods 9161, a stylish horse from Eastfield, was sixth, and Scotch Fashion, from Blackhall, seventh.

TWO-YEAR-OLDS.

In this class there was a reversion to something like the merit of the aged class. Mr. David Mitchell, of Millfield, was first with his immense, dark-colored, big horse, Prince of Millfield 9650, one of the grandest horses of his age seen for many a day. Mr. William Clark was second with Prince of Elgin 9646, bred by Mr. W. Robertson, Linkwood, Elgin, and got by Prince of Kyle. Yet another son of the same sire, Scottish Standard 9674, owned by Messrs. Crawford, was third, and sons of Sir Everard 5353, owned by Mr. Taylor and Colonel Stirling, were fourth and fifth.

CAWDOR CHALLENGE CUP.

The decks were now cleared for the Cawdor Cup competition, and great interest was excited by the war of the Titans. Speculation was busy regarding the prospects of the older horses when pitted against the marvellous two-year-old, Prince of Millfield, the superb son of Orlando and Sunray. Seven judges took the bench—the six who had acted in the open classes, with the thoroughly capable addition of Mr. James F. Murdock, referee. It was a great sight. There entered for competition—Prince of Millfield, Master Robin, Goldfinder, Rosedale,