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THE FARMER'S ADVOCATE & HOME MAGAZINE THE LEADING AGRICULTURAL JOURNAL IN THE

DOMINION. THE WILLIAM WELD COMPANY (LIMITED).

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The FARMER'S ADVOCATE is published on or about the first of each month. 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.

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

Our Grain Report.

It is well known by all experienced farmers that many of the grains that do well in one section are not always suitable to another; occasionally we find one sort peculiar to a district. This is clearly shown by the reports sent us by farmers, which we publish elsewhere in this issue. It will also be seen that there are a few varieties that have done well over almost the entire country from Essex to Halifax. We have given seed grain much prominence this year, because we know farmers as a rule are very careless concerning the kind and quality of seed they sow. The experience of others will be helpful to many of our readers. If farmers would pay close attention to the selection and improvement of seed grain, and give thorough cultivation, the average yield of spring wheat grown in Canada could be increased from 3 to 5 bushels per acre, barley and peas from 5 to 8 bushels per acre and oats 10 to 12 bushels per acre. Individual farmers could make even greater gains than this. If our readers will carefully calculate what these increased yields would bring to the farmers of Canada they would be astounded.

Important Notice.

In our advertising columns will be found this month a choice selection of strawberries, rasp-berries, ornamental trees and shrubs, which we are giving as subscription prizes. This is the fullest and best lot ever offered by a Canadian

Do not forget our splendid collection of flower and vegetable seeds, which we offered in the January number, pages 28 and 29. This is a superior collection. We wish each subscriber to avail himself of this offer. As good value is not offered in any other house in Canada.

If you want to obtain pure-bred live stock on easy and satisfactory terms, read the list of subscription prizes published on page 494, December number. We buy the best and most highly bred stock from the best and most reliable breed We buy the best and most highly ers only. We warrant all animals to arrive safely and give satisfaction in every respect. We do not sell them, but give them as subscription

Editorial.

Our Prize Essays.

The prize essays which should have appeared in this number were left over to be published in April. Many of them were of such excellence that we concluded that the space at our disposal this month was too limited to do justice to the competitors or our readers.

Methods of Sowing - Brandon Experimental Farm Tests.

Last year (1890) the drill test included wheat, oats and barley, but in 1891 the plots of oats in the test were so badly injured by frost that we have left them out altogether.

				Acre-
			Bush.	Lbs.
Wheat	with the	common drill	gave 33	20
	**	press drill	28	50
		broadcast mad		00
		PAVA		10

The common drill gave 4½ bushels more than the press drill, and 11 bushels and 10 pounds more than the broadcast machine. This result was the same as in 1890, only more emphatically in favor of the common drills.

					-	-Per	Acre
						Bush.	Lbs
Barley	sown	with the	press di	rill	gave	55	10
	••		common	n di	ill "	50	30
			broadca		ma-		
			chine	CPQ '	VA	49	14

The press drill takes the lead with barley, the yield being 4 bushels and 28 pounds more than the common drill, and 12 bushels and 44 pounds more than the broadcast machine. This is also the same result as last year, when the press drill took the lead with barley. In conclusion, I might say that every year, and on all parts of the Experimental Farm, the drill-sowed grain has given the largest yield.

THE QUANTITY OF SEED TO BE SOWN.

Fifteen plots were devoted to this experiment luring the past season-5 plots to each of the leading kinds of grain.

	,	-1.61	Acre
ı		Bush.	Lbs
ı	4 pecks of wheat sown with the com- mon drill gave	33	20
ı	mon drill gave	36	25
ı	mon drill gave	38	55
ı	mon drill gave	39	55
	mon drill gave	39	05
	Seven pecks of wheat per acre gav	e the	larges

yield, this being the same as the previous year's experiment, and is evidently the proper quantity for land similar to that on the Experimental Farm. Nine pecks of cats and 7 of barley have given the best results both years, and these quantities would appear about right for land similar to that on the Farm.

There lately came into possession of "Farm, Stock and Home," of Minnesota, a letter from a high official of a great railroad system, giving away the interesting and suggestive fact than an agent at Minneapolis "sends out daily to all the various elevator interests in the Northwest the prices to be paid for wheat on that day.'

The Coming Railway Excursions to Manitoba and the N. W. Territories.

The C. P. R. has again determined to run settlers' trains to Manitoba and the North-west Territories. Tuesday, the first of March, and each subsequent Tuesday in this month are the dates fixed for weekly excursion trains, with colonist sleepers attached for the comfort of passengers going out with stock.

Trains with colonist sleepers will also be run daily from Toronto to Winnipeg (Sundays excepted) during this month. Berths will be reserved for parties who send their names to nearest agent of the Company—an early application as possible is requested, in order that the necessary car accommodation can be supplied. Last year's favorable season and wonderful grain yield through-out Manitoba and the Canadian North-west will doubtless cause an immense influx of people into that country. Grain growing, stock raising, as well as dairying, are now established industries throughout the Prairie Provinces of Western Canada.

A little pamphlet entitled "Free Facts, Farms and Sleepers" will convey useful information on this subject. This and other guide books can be had by applying to the nearest C. P. R. agent.

World's Fair Notes.

A bill making a World's Fair appropriation of \$50,000, and authorizing municipal authorities to make additional appropriations for the same purpose, has been introduced in the Virginia Legislature.

It is reported from Argentine Republic that strong pressure is being brought upon that government to increase its World's Fair appropriation from \$100,000 to \$300,000.

The Illinois State Exposition Board has set apart \$40,000 as a special fund for the encouragement of live stock exhibits at the Fair. The fund is apportioned as follows: horses, 37 per cent; cattle, 30 per cent; hogs, 15 per cent; sheep, 12 per cent; poultry, 6 per cent.

A State World's Fair conference, presided over by Commissioner Lindsay, was recently held at Louisville, Ky., with about 250 representative citizens present from all parts of the State. The Governor's recommendation that the legislature make a liberal World's Fair appropriation was unanimously indorsed, and \$100,000 was named as the sum deemed necessary for creditable representation. It was recommended that 15 per cent. of this sum be devoted to the collection of an exhibit illustrating the resources and history of the State, with a view of first showing it at the celebration of the 100th anniversary of the admission of the State into the Union, to be held at Lexington, and afterward including it in the exhibit to be taken to Chicago.

New Hampshire, as a delightful place of summer resort, will be demonstrated by a portion of the exhibit made by that State at the Exposition. At least such is the present intention, and summer resort proprietors, editors, railroad officials and others have been invited to a conference to decide upon the best plan for accomplishing that end.