For Farmers, Threshers, Cheese and Butter Factories, and all purposes requiring Steam Power, having all the best improvements and made from HEATERS, FORCE PUMPS, INJECTORS, BRASS GOODS, PIPE and FITTINGS. E. LEONARD & SONS, London, Canada.

**WRITE FOR 1883 CATALOGUE.** 

# NATER} STAR AUGER! \$20 Per Day for Well Boring

HAS NO SUPERIOR! FIRST PRIZE AND DIPLOMAS! BORES 20 FEET PER HOUR, HAND OR HORSE

### STAR AUGER COMPANY,

68 MARY ST., HAMILTON, ONT Send for Catalogue.

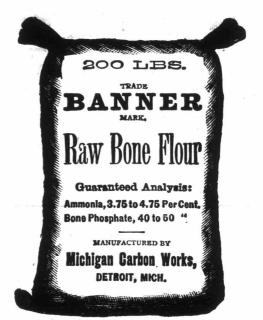
## GOOD BOOKS FARM, GARDEN & HOUSEHOLD

	18		
	Allen's (R. L. & L.F.) New American Farm		^
	Book	5	0
	American Bird Fancier	5	0
	American Bird Fancier Allen's (L. F.) American Cattle. 2 Barn Plans and Outbuildings, 257 Illustrations	6 5	0
	and Designs		0
	Buist's Family Kitchen Gardener 1	. 0	5
	Butter and Butter Making. Hazard Book of Household Pets; paper Bommer's Method of Making Manures		0
	Bommer's Method of Making Manures		5
	Brill's Farm Gardening and Seed Growing. 1 Clock's Diseases of Sheep		5
	Cook's Manual of the Apiary	2	5
	Dadd's American Cattle Doctor, 12 mo 1 Dog. The—Idstone 1		
	Dog Training—S. T. Hammond	0	0
	Elliott's Lawn and Shade Trees	0	
	Fuller's Forest Tree Culturist		
	Feeding Animals, by E. W. Stewart	0	^
	tical Growers).  Fuller's Grape Culturist	5	
	Fuller's Small Fruit Culturist 1	5	0
	Fulton's Peach Culture	5 2	
	Gregory on Squashes (paper)	3	
	" Cabbages	3	
	Gardening for Young and Old; by Harris. 1 Gregory on Squashes (paper).  "Cabbages	7	
	Guenon on Milch Cows 1	0	0
	Harlan's Farming with Green Manures (new) 1 Harris on the Pig 1	5	
	Henderson's Gardening for Pleasure 1	5	0
	Henderson's Gardening for Profit 1 Henderson's Practical Floriculture	50	0
		3	0
	Hop Culture. By nine experienced cultivators House Plans for Everybody. S. B. Reed 1	5	
	Hunter and Trapper Husmann's American Grape Growing and	7	O
	Wine Making: Illustrated	50	0
	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0	0
	Johnson's How Crops Grow 2	00	)
	Johnson's How Crops Feed	00	
	440 illustrations. 3 Johnson's How Crops Grow. 2 Johnson's How Crops Feed. 2 Johnson's Winter Greeneries at Home. 2 Keeping One Cow Profitably: illustrated with full page engravings of the most desirable Dairy Cows 1 Law's Farmer's Veterinary Adviser: authorized edition. 3	0	
	full page engravings of the most desirable	0	1
	Law's Farmer's Veterinary Adviser: author-	v	,
	ized edition	0	0
	dian edition	00	0
	Our Farm of Four Acres: paper, 30c.; cloth		
	60c.; extra cloth	00	J
	Billingsley)	00	
	Packard's Our Common Insects	50	
	Quinn's Pear Culture for Profit	0	0
	Randall's Sheep Husbandry	50	0
	Tamer	50	)
	Roe's Play and Profit in my Garden 1	50	
	Stoddard's An Egg Farm: paper, 50c.; cloth	7	
	Packard's Our Common Insects	50	0
		50	
		00	)
	Waring's Farmer's Vacation	00	)
	Willard's Practical Butter Book 1	00	)
	Thompson's Food of Animals	50	
	Waring's Draining for Profit and Health 1 Waring's Elements of Agriculture 1 Wright's Practical Poultry Keeper 2	90	
	Wright's Practical Poultry Keeper 2	00	
r	**************************************		

Any of the above useful books will be mailed post-paid, from the Farmer's Advocate Office, on receipt of price named, and for books under \$1, 5c., and over \$1, 10c. additional to cover postage,



GOOD FOR ALL CROPS



Price \$45 per ton. Sample Barrel of 200 lbs. sent on receipt of \$4.50.

Samples and pamphlet containing full information sent free on application. Good agents wanted in every town.



which can be run by any power and is cheap, effective and durable. Will grind any kind of small grain into feed at the rate of 6 to 25 bushels per hour, according to quality and size of mill used. Send for Catalogue and Price-List. Address

U. S. Wind Engine & Pump Co., Batavia, III. State where you saw this advt.

IN ELEGANT SCRIPT TYPE,
on 50 Beautiful Imported Chromo
Cards, 10c., 14 packs \$1., 29 pearl beveGills Edged Cards with lapped corner, 15c.,
Agents' Large Album, containing all the Latest
Styles of Imported, Bevel Edge and Satin Fringe
ards, with Illustrated premium list and private terms
ggerts, 25c.
CARD-MILLS Northford, Ct.

R. W. E. WAUGH. OFFICE The late Dr. Anderson's, Ridout Street, LONDON ONT. 195-t

### STOCK NOTES.

(Continued from page 224.)

Polled-Angus bulls are making \$150 to \$200 per head, in the county fairs in Scotland; they are not generally of the fancy pedigree families. Seventeen bulls and twenty-eight heifers were dropped in April in the herd belonging to Mr. Wilkin, of Waterside. In the herd at Pitfour the crop of colves numbers ten bulls and eight heifers to since Calves numbers ten bulls and eight heifers, to sires Lord Maurice 1881, and Lord Buchan 2205. Mr. Fraser, Kinbate, has sold three Polled yearling bulls, by Battlement 1768. The purchaser is Mr. Craig, Airdrie, Kirkdean, Dumfries, who bought

them for export to America.

CATTLE SHIPMENTS.—Notwithstanding the vicissitudes which have attended the export of cattle from this country to England, Messrs. J. Wood, W. F. George and H. Humphrey, of Sackville, are still conducting the business quite extensively. Since the middle of March they have shipped 660 cattle, in three cargoes. The first resulted satisfactorily, but on the second there was quite a heavy loss, owing to regulations in force at the time, which required all imported cattle to be killed within two days of landing, and the loss of 15 out of 250 on account of rough weather at sea. The third cargo of 250 is expected to arrive at Glasgow ere this, and we trust the enterprising shippers will soon hear of satisfactory returns from it. The above cattle, with the exception of 130 got in Albert Co., were all bought in Westmoreland and Cumberland, and cost 4½c. to 5c. a fb., live weight.

THE NEW STOCK-BREEDING COMPANY.—Notice is given in the Gazette for a charter of incorpora-tion by letters patent for "The Geary Brothers Canadian Stock-breeders and Importers Associa-tion, limited." The operations of the proposed Association are to be carried on in the Dominion of Canada and elsewhere. The stock farms of the Association are to be at the town of Bothwell and township of Zone, in the county of Kent and Province of Ontario, with head office of Association in the city of London, in said Province. The capital stock of the Association is to consist of one hundred thousand dollars in two thousand shares of fifty dollars each. The purposes for which incor-poration is sought are the importing, breeding, raising, buying and selling cattle, horses, sheep and other stock, and the carrying on in all its branches of stock raising, the acquiring of such lands and premises and the erection of such buildings thereon as may be necessary to the successful carrying on of a first-class stock farming business.

An association has been formed in the United States of breeders of Jersey Red swine, under the title of "Duroc or Jersey Red Swine Club." They intend holding their annual meeting on the third day of the Fat Stock Show at Chicago. The following is the standard:

The true Duroc or Jersey Red should be long, quite deep-bodied, not round, but broad on the back, and holding the width well out to the hips and hams. The head should be small, compared with the body, with the cheek broad and full, with considerable breadth between the eyes. The neck should be short and thick, and the face slightly curved, with the nose rather longer than in the English breeds; the ear rather large and lopped over the eyes and not erect. Bone not fine, nor yet coarse, but medium. The legs medium in size and length, but set well under the body and well apart, and not cut up high in the flank or above the knee. The hams should be broad and full well down to the hock. There should be a good coat of hair of medium fineness, including the bristles at the top of the shoulders; the tail being hairy and not small, the hair usually straight, but in some cases a little wavy. The color should be red, varying from dark, glossy, cherry red, and even brownish hair, to light yellowish red, with occasionally a small fleck of black on the belly and legs. The darker shades of red are preferred by most breeders, and this type of color is the most desirable. In disposition they are remarkable mild and gentle. When full grown they should dress from 400 to 500 pounds, and pigs at nine months olyshould dress from 250 to 300 pounds.