PAGE

THE AMERICAN ENTOMOLOGIST.

THE AMERICAN ENTOMOLOGIST, edited by Benj. D. Walsh and C. V. Kiley, State Entomologists respectively of Illinois and Missouri, and copiously illustrated, treats of all kinds of Noxions and Beneficial Insects. It will be found invaluable to every Farmer, Gardener, and Fruit-grower, and to every one taking an interest in the fascinating study of Entomology. Tarms, \$1.00 per annum. The first number will appear September 1st. Sample copies and prospectus sent on application. See the year subscriptions to

v5-19-1t.

R. P. STUDLEY & CO., Publishers, St. Louis, Mo.

GREAT SALE!

THOROUGH-BRED STOCK. SHORT-HORN CATTLE,

Leicester, Cotswold & Southdown Sheep, AND IMPROVED BERKSHIRE HOGS.

PUBLIC AUCTION,

At the subscriber's farm, 4 miles from Brampton Station, G. T. R., 20 miles west of Toronto,

On Wednesday, 28th October, 1868.

12 Short Horn Cows and Heifers, 5 Short Horn Bull Calves, by Duke of Lourbon; 30 Leicester Ewes, from 1 to 3 years old, bred to first class Rams; 12 Leicester Ewe Lambs; 4 Leicester Rams, 12 Cotswold Ewes from 1 to 3 years old, bred to first class Rams; 10 Cotswold Ewes from 1 to 3 years old, bred 12 Southdown Ewes, 6 Southdown Rams; a number of improved Berkshire Hogs. On account of being overstocked, and the failure of the root crop, the above stock must be sold. Catalogues with full pedigrees sent on application.

TERMS:—\$30 and under, Cash; over that amount, 12 months' credit on approved notes, or discount of 7 per cent. allowed for cash.

JOHN SNELL,

Edmonton, 5th Oct., 1868.

Edmonton P.O., Ont. v 5-20-1t.

ONTARIO VETERINARY SCHOOL.

IN CONNECTION WITH THE

Board of Agriculture, Toronto, Ont.

Established......1862.

PROFESSORS:

Andrew Smith, V.S., Edin.-Anatomy and Diseases of Farm Animals.

J. THORBURN, M.D., Edin.—Veterinary Materia Medica JAMES BOVELL, M.D., L.R.C.P., Eng.—Animal Physiology

GEO. BUCKLAND, Professor of Agriculture, University College— The History, Breeding and Management of the Domesti-cated Animals.

A. SMITH, V.S. and Assistant-Clinical Instruction.

Will re-open for Second and Third Year's Students on WED-NESDAY, the 11th day of NOVEMBER, and the session for First Year's Students will commence on JANUARY 6th, 1869.

For particulars, apply to the Principal, A. SMITH, Veter-nary Surgeon, Temperance Street.

Toronto, Oct. 15, 1868.

v5-20--1t

100 FARMERS,

Or Farmers' Sons, can secure employment, paying from \$100 to \$150 per month, from now until next Spring.

Address at once, ZEIGLER, McCURDY & CO., v5-20-2t*

Philadelphia, Pa., or Chicago, Ill.

PRIZE POULTRY.

POR SALE a Cockerel and Two Pullets, Partridge Coehin, and Two pairs Game Bantams—just imported, and of the best strains in England,

Address, Box 68, P. O., St. Catharines,

HOUDAN FOWLS FOR SALE.

THE OWNER intends to keep only dark Brahmas. A pair imported from Ireland last June, price \$15. Chickens from the above, \$5 and \$10 per pair. Please apply by letter to

v5-20-1t⁴

MRS. CAPT. VARLEY. BROCKTON, Toronto.

Duncan's Improved Hay Elevator. PATENTED April 13th, 1867.

THE cheapest and simplest constructed Fork in use in the Dominion of Canada. County or Township Rights for the manufacture of the above Fork may be obtained from the undersigned.

JAMES W. MANN,

₹4-20-tf

Markets.

Toronto Markets.

CANADA" FARMER" Office, Oct. 13th, 1868. FLOUR AND MEAL.

Flour.—The market is unchanged. No. 1 super. has been offering at \$5 15, and a sale of 100 bbls. was made on Change at that figure. The demand was limited, and there was not much desire to buy. 100 bbls. "Golden Drop" sold at \$5 50. In extra and superior there is nothing whatever doing. Extra would not bring over \$6. Business is entirely confined to retail lots.

GRAIN,

Wheat—The market for spring continues very dull. A car lot sold to-day at \$1 14 f. o. b. There is, however, only a very limited demand at that price, and to effect sales of lots a reduction in price would have to be made. On the street market Midge-proof and Spring sold at \$1 13 to \$1 16. Fall wheat was offering freely, and as holders reduced their views, some sales were made. A car lot sold at \$1 30; 1 car at \$1 29 f. o. b.; 1 car inferior at \$1 25, delivered; and 1 car very choice at \$1 36, delivered. On the street market white Soules' is selling at from \$1 30 to \$1 35, and Red Winter at from \$1 13 to \$1 16.

Oats-There has been nothing doing to-day in car lots. Prices remain nominally unchanged at 46c. to 48c. On the street market a few loads sold at from 48c, to 50c.

Barley-The market was excited and higher; a considerable quantity in cargo lots changed hands during the past few days at advanced prices. The market has been completely "corne almost all the lots in the market are now held by one firm. Large lots are now held firmly at \$150, and several sales have been made at that price. The receipts on the street market continue very light; street prices have advanced; \$1 44} was paid in the afternoon for the few loads coming in.

Peas.—There is no change in the market. We heard of no sales of car lbts. There are buyers at 90c f. o. b. On the street market 92 cents were paid.

HAY AND STRAW.

The market has been fairly supplied. Hay has been seiling at from \$12 to \$15, and straw at from \$7 to \$10. Pork—Unchanged; only a few lots on the market, which are held at from \$25 50 to \$36.

Butter—As is usual on Mondays, there was not much doing to-day in this article. Prices remain unchanged. Drinnary store packed is selling at from 17c to 20c.; fair to good lots would bring 21c; and straight dairy 21% to 22c.

Eggs.—There has not been much deing to-day. We heard of no large sales. Round lots are worth from 15c, to 18c.

Cheese—Unchanged. We heard of no lots selling to-day. Factory is held at from 10%c. to 11%c.

Dressed Hogs—Very few coming in to-day, this being Monday. The very best hogs sell to retailers at from \$6.75c. to \$7. Ordinary for packing purposes bring from \$6 to \$6.50c.

Hops-Stocks are increasing. There is, however, only a limited business doing. Good to extra per pound are held at from 15c, to 20c; fair to good at from 10c, to 15c,; old will not bring over 5c, to 10c.

Potators—Only a few loads were offering to-day. Prices are unchanged, namely, 75c. to 80c. per bushel.

Apples—In fair supply. Selling freely at from \$160c, to \$175c or barrel.

HIDES AND SKINS, per lb.—Hides, green, rough, per lb., 5½c. do. green, inspected, 7c.; do. cured and inspected, 7jc. to 8½c. Calfskins, green, 10c.; cured, 12c.; dry, 18c. to 20c. Lambskins, green, 45c. to 50c. Sheepskins, 60c.

Guciph Markets, Oct. 12.—Fall Wheat; \$1 16 to \$1 20 spring wheat, \$1 00 to \$1 05; oats, 48c. to 55c.; barley \$1 35c. to \$1 40c.; peas, 89c. to 85c; wool, 28c.; hay per ton, \$10 to \$12: straw per load, \$5; turnips per bushel, 18c. to 20c.; batter, per lb., 19c. to 20c.; Apples, per bag, \$1.

London Markets, Oct. 12.—Red Fall Wheat per bushel, \$1 04 to \$1 06; white wheat, \$1 12 to \$1 15; spring wheat, \$1 05; barley, \$1 27 to \$1 37; peas, 80c. to 82c.; oats, 40c. to 43c.; corn, 80c. to 90c.; Buckwheat, 50c. to 60c.; Rye, 85c. to 90c.

90c.; Buckwheaf, 50c. to 60c.; Rye, 85c. to 99c.

Montreal Markets.—6ct. 12.— Hour Superine Extra, \$7 to \$7 15c.; Extra, \$6 60c. to \$6 80c.; Fancy, \$5 60c. to \$5 90c.; Welland Canal Superine, \$5 30c.; Superine No. 1 Canada Wheat, \$5 30c. to \$5.45c.; No. 1 Western Wheat, \$5 30c.; No. 2 do, \$4 80c. to \$5.4 6c.; Niddlings \$3 90c. to \$4. Pollards \$2 90c. to \$3. Bag Flowr—\$2 50c. to \$2 60c. Wheat—Canada Fall, \$1 30c.; Spring \$1 22/c.; Western \$1 18c.; 16c \$1 20c. Cats—Per 32 lbs. 47c. to 48c. Barley.—Per 48 lbs. \$1 30c. to \$1 35c. Butter—Dairy, 21c. to 23c.; Store-packed, 20c. to 21c. Cheeze—Factory, 10c. to 11d.; Dairy, 9c. to 10c. Rogs—16c. to 17c. Ashes—Pote, \$5 65c. to \$5 75c.; Pearls, \$5 55c. to \$5 60c. Pork—Mess, \$2 42 5c. to \$24 50c.; Thin Mess, \$23; Frime, \$17 to \$17 50c. Lard—16c. to 17c. Pears—\$1 05c. to \$1 08c. Rys—Flour—4 30c. Oatmeal—\$6 40c. Cornwall—\$4 to \$1 10c.

Where Markets. Oct. 13. noon—William Young & Co. lo. Chicaga Markets.

Chicago Markets, Oct. 13, noon.—William Young & Co.'s report.—Wheat—Receipts, 130,000 bushels; shipments, 93,000; No. 2, irregularat \$1 38. Corn dull at 95 %c.; receipts, 62,000 bush.; shipments, none. Pork firm at \$20.

New York Produce Market.—Flour—Dull. Receipts 25,600 barrels; sales 8,100 barrels, at \$6 75c. to \$7 15c. for superior State and Western; \$7 50c. to \$8 10c. for on montochoiceextra; \$7 20c. to \$8 50c. for common tochoice extra Western. Rye Flour—quiet at \$6 to \$8 5c. for Common tochoice extra Western. Rye Flour—quiet at \$6 to \$8 5c. for Wheat—Dull, and 1c. to 2n. lower; re elpts, 165,000 bushels; sales 48,000 bushels at \$1 60c. to \$1 65c. for Mo. 2 apring; \$1 77jc. for No. 1 do; \$1 79jc. for ambier Green 19; \$2 57c. for white California; \$2 40c. to \$2 60c. for white Michigan. Rye—quiet. Receipts 7,400 bushels; corm—Olened firm and closed dull. Receipts 313,000 bushels; sales 76,000 bushels, at \$1 17c. to \$1 19c. for unsound; \$1 19c. to \$1 20c. for sound mixed Western. Barley—Scarce. Receipts 65,000 bushels; sales 9,500 bushels Canada West at \$2.35.

Milwankee Markets.—Oct. 13, noon.—Wm. Young & Co.'s report.—Wheat-Receipts, 106,000 bushels; shipments, \$1,000; No. 1, irregular at \$1.43½ to \$1.49; No. 2, do. \$1.38. Flour duli and unchanged. Pork firm at \$20.75c. Freights nominal.

Contents of this Number.

Thistle Seedlings—(with cut).....

THE FIELD :

	The Wheat Crops of East Lothian Farm Weights and Measures Rust in Wheat	806
	Rust in Wheat	806 807
	Falt for Crops.	307
-	Rust in Wheat talk for Crops. A Large Yield. Improvement of Worn-out Landswith Grass and Clover	807 807
ŧ	STOCK DEPARTMENT:	
đ	Digestion	308
0	Digestion Sheep Farming in Turkey Feeding Trough for Pigs or Sheep—(with cut)	808 308
r		308
,	Acclimation in Australia Fowls in the Horse Stable.	308
	VETERINARY DEPARTMENT:	900
ì	The Drugging of Farm Horses	809
a	Open Synovial Cavities. Ring-bone	309
		309
8	THE DAIRY:	
ŧ	Philadelphia ButterSoiling Milch Cows	810 310
	POULTRY YARD:	
ŧ	Standard of Excellence in Exhibition Poultry	810
"	The Wild Turkey	810
Θ	THE APIARY:	
D 8	Will Bees Build Straight Combs in a Frame Hive?	311
e	Securing Combs in Movable Frames	311
٠,	CORRESPONDENCE:	
8	Social Disadvantages of Farm Life	312
	EDITORIAL:	
1	The Western Fair	312
Ì	New York State Fair. Toronto Veterinary School.	3 13
t		314 315
ı	Stock Sale	815
0	Stock Sale Russell County Agricultural Exhibition The American Entomologist	815 815
-	AGRICULTURAL INTELLIGENCE:	
P	Meeting at Rochester—Cattle Disease	815
	Immigration Returns. Brief Items—Large Farms: Poppermint Cultures	315
0	immigration Returns. Brief Items—Large Farms; Peppermint Culture; Wintering Cattle in Quebec; Crops in Great Britain; United States Hay in Great Britain; Short-Horn Sales	•
y	Sales	315
	ENTOMOLOGY:	
v		316
'	A Man-Slaying Caterpillar The Crecopia Emperor Moth—(with illustration) The Beech Aphis	316
d	The Beech Aphis Notes on a New Grape Insect	316 316
0	HORTICULTURE:	444
	Fruit Growers' Association—The President's Address.	817
•	Russian Horticulture	818
	THE HOUSEHOLD:	
	The Ladies and the Canada Farmer	318
;	Rats MISCELLANEOUS:	318
•	The Use and Care of Edge Tools	319.
); ?	A Carious Experiment	319
oʻ	THE CANADA FARMER is printed and published on the le	hee t
ŕ	15th of every month, by the GLOBE PRINTING COMPANY, at	their

15th of every month, by the Globe Printing Company, at their Printing House, 26 and 28 King Street East, Toronto, Ontario, where all communications for the paper must be addressed.

83 Subscription Price \$1 perannum, (Postage Free,) payable in advance. Bound volumes for 1864, 1865, 1865 and 1867, may be lad for \$1 30 each. Subscribers may either begin with No. 1 of the present Volume, or with the first No. of any preceding volume. No subscriptions received for less than a year, and all commence with the first number for the respective years.

CLUBS will be furnished at the following rates TEN COPIES for NIME DOLLARS.
TWENTY COPIES for STREET DOLLARS.
ONE HUNDRED COPIES for SEVENTY DOLLARS.
ONE HUNDRED COPIES for SEVENTY DOLLARS.

To Agricultural Societies ordering more than 125 copies, The Farmer will be sent at Sixty Cents.

THE CANADA FARMER presents a first-class medium for agricultural advertisements. Terms of advertising, 20 cents per line space.

Twelve lines' space equals one inch. No advertisement taken for less than ten lines' space.

less than ten anes: space.

Communications on Agricultural subjects are invited, addressed to "The Editor of the Conneds Firmer." and all orders for the paper are to be sent to

GEORGE BROWN,
Managing Director.