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AUCTION SALE
Farm Stock, Implements
 HARNESS, FURNITURE, Etc.
 The Property of
JAMES HILL
 Lot 1, Concession 2, Vaughan Township
 2 Miles West of Steele's Corners at Fisherville
THURSDAY, MARCH 10TH

HORSES
 1 Gray Gelding, H.D.
 1 Bay Gelding, H.D.
 1 Bay Gelding, H.D.

CATTLE
 1 Black Heifer, due time of sale
 1 Red and White part Ayrshire Heifer, full flow
 1 Black and White Cow, milking
 1 Red and White part Ayrshire Cow, supposed to calf in May
 1 Red and White part Ayrshire Cow, in full flow
 1 Red and White part Ayrshire Cow, in full flow
 1 Black Cow, due time of sale

PIGS
 1 Brood Sow, bred

IMPLEMENTS
 1 Hand Cutting Box or Power
 1 Root Pulper
 1 Ceramon Sense Fanning Mill with Bagger and Wild Oats Cleaner
 1 Set Platform Scales
 1 Set Farm Trucks
 1 Hay Rack
 2 No. 21 Fleury Walking Plows with wheels
 1 Double Mould Plow
 1 Massey-Harris Scuffler, nearly new
 1 Massey-Harris 6 ft. Binder, truck and carrier
 1 Massey-Harris 5 ft. Mower
 1 I.H.C. 2 1/2 H.P. Gas Engine
 1 Turnip Drill
 1 Cutter
 1 Buggy
 1 Draw Rope, 160 ft.

1 Hay Fork
 1 Sling Chain
 1 Car for Beatty Hay Fork Track, new
 2 Grindstones
 1 Inthrow Disc Harrow
 1 Bob Sleigh
 1 Set of Sloop Sleighs
 1 Steel Roller, 3 drum
 1 17-tooth Cultivator
 1 13-disc Drill
 1 12-ft. Steel Rake
 1 Set of Drag Harrows, 16 ft.
 1 Heavy Farm Wagon
 1 Heavy Spring Wagon
 1 Riding Plow, 1 furrow
 1 Hay Tedder
 1 Harrow Cart
 1 Forecarriage for Binder
 1 White Oak Plank, 16 ft. long, 2 1/4 in. thick
 2 Iron Bars, wagon tire size
 Number of Wagon Wheels
 Forks, shovels, rakes, hoes, whiffletrees, etc.

HARNESS
 1 Set Chain Team Harness
 1 Set Double Harness
 Number of Bridles and Horse Collars

FURNITURE
 1 Extension Dining-room Table
 6 Kitchen Chairs
 1 Dresser
 1 Kitchen Cupboard
 1 Gramophone
 2 Bedsteads with Springs
 1 Washing Machine
 1 Refrigerator
 1 Cream Separator

Sale Commences at 1 p.m.
TERMS:—CASH No Reserve
PRENTICE & PRENTICE, Auctioneers

Auction Sale of Farm Stock
 Hay, Grain, Tools, Furniture, etc.
 The Property of
THOMAS THOMSON
 Lot 18, Concession 3, Markham Township
 at Headford
WEDNESDAY, MARCH 2ND

HORSES
 1 Bay Horse, Agriculture
 1 Bay Horse, Coach
 1 Bay Mare, Coach
 1 Brown Mare, Coach
 1 Percheron Mare, rising 4 years

CATTLE
 1 Holstein Cow, 5 years, bred July 1
 1 Roan Heifer, fat
 Number Ewes, bred

IMPLEMENTS
 1 Massey-Harris Binder, six foot
 1 Massey-Harris Mower
 1 Deering Mower
 1 Corn Cultivator, Oliver
 1 Disc Harrow, Vessels
 1 Spring Tooth Harrow
 1 Set 12 foot Harrows
 1 Set 9 foot Harrows
 1 Steel Roller, 3 drums
 1 two-furrow Plow
 1 Gang Plow
 1 Fleury Plow, 21
 1 Fleury Plow with wheels, 21
 1 Fleury Plow with wheels attached
 1 Thrashing Machine
 1 Ton Scale, platform
 1 Ton Scale
 1 Beam Scale, 400 lbs.
 1 Massey-Harris Cutting Box
 1 Fanning Mill, Chatham
 1 Horse Rake, 12 foot
 1 Pea Harvester
 1 Heavy Wagon, good
 1 Heavy Wagon
 1 Wagon Box
 1 Set two ton Springs
 1 Hay Rack, good
 1 Stock and Hay Rack combined, new
 1 Root Drill, good
 1 Wheelbarrow
 1 Slush Scraper
 1 Ester Engine, 5 H.P.

1 Engine, 1 H.P., air cooled
 1 Vessot Grinder, 6 1/2 inch
 1 Power Emery Grinder
 2 Hangers
 1 Seed Drill, Peter Hamilton
 1 Steel Split Pulley, 5x20
 1 Steel Split Pulley, 4x20
 1 Wood Split Pulley, 5x15
 1 Wood Split Pulley, 8x8
 1 Line Shaft, 1 1/2 inch
 Quantity of Belting
 1 Sheep Shearing Machine
 1 Spraying Outfit for Potatoes, Mustard and Trees, 50 lbs. Blue-stone
 1 Set Bob Sleighs
 1 Long Sleigh and Box
 1 Cutter, good
 1 Cultivator
 1 Buzz Saw, 28 inch
 1 Stone Boat
 Lot of Harness Grain Bags
 2 Iron Kettles
 3 One Hundred Gal. Barrels
 2 50 gal. Barrels
 Number of good Log Chains
 2 Pig Crates
 1 Melotte Separator
 1 Long Ladder

HAY AND POULTRY
 Quantity of Hay
 40 Leghorn Hens

TOOLS
 Saws, Planes, Squares, Cross-Cut Saw
 1 Dehorning Clipper
 1 Bull Ringing Outfit
 Horse Tooth Rasp

FURNITURE
 Beds, Cupboards, Sideboards, Tables, Sofas, Washing Machine, Stoves, Sofas, Couches, Meat Choppers, Meat Saw, Claver. Other articles too numerous to mention.

Giving up Farming and Housekeeping
Terms:—Cash Sale at 1 p.m.
A. S. Farmer, Auctioneer

NEWS AND INFORMATION FOR THE BUSY FARMER

Soil Deficiency
 Prof. G. N. Rubnke told the Field Crop convention in Toronto that many soils in Ontario were showing signs of mineral deficiency and this was reflected in the crops and live stock. Fertility is lost in the ordinary course of farming. It cannot be replaced by the manure alone and there is a demand for fertilizers to bring back farms to full productive capacity. Before applying these commercial mixtures it is necessary to determine if drainage is required and to test for acidity. Where there is an acid condition lime is the remedy. In choosing a fertilizer a soil test is the best guide though the crop history is also to be taken into consideration.

Field Crop Convention
 Organization of district associations to promote the growing of better seed in Ontario was urged by Alex M. Stewart, president of the Field Crop Association at the annual meeting in Toronto. With the province divided into zones the particular problems of soil and climate could be studied by local groups. Representatives from these groups could then discuss at the general convention the larger problems of sale and distribution of seed. It was decided to ask for greater financial aid to carry out experimental work. One of the matters demanding attention is a method of controlling seed-borne diseases.

Dr. G. P. McRostie outlined the crop testing program which had been proposed a year ago and on which some progress has been made. Based on soil surveys made in Western Ontario and the counties between Toronto and Kingston a number of zones have been marked off. Mention has been given to differences of climate so that some uniformity of conditions in each zone can be depended upon. The corn growing area of Essex and Kent and the Niagara fruit belt are striking examples of crops adapted to certain areas. Dr. McRostie thinks there is a possibility of producing turnip seed in a strip of land bordering on Lake Huron and Georgian Bay where conditions are similar to those in Nova Scotia.

Much dependence has been placed on the thousands of tests conducted on small plots throughout Ontario. These have indicated in a general way the best yielding varieties. To get more accurate data twenty-five larger plots were tried last year by students of the Agricultural College. Results so far have been satisfactory and obtained at moderate cost. There were also fourteen supervised tests with fertilizers which cost about \$30 each and were 85 per cent reliable.

Rust of oats has become one of the major enemies of the grain grower in Eastern Canada. There were heavy losses in the harvest of 1937, some fields being reduced to ten bushels or less per acre. Fortunately there are a few varieties that are resistant to the disease which may show itself either on the stem or leaf. Dr. L. H. Newman, Dominion Cerealist of the Central Experimental Farm has collected results of supervised tests on farms in Eastern Ontario and finds that the old varieties are susceptible and may have to be discarded, at least in areas where this disease is a controlling factor, and rust-free roots grown in their place.

As rust, rather than soil, seems to be the determining factor in obtaining good crops in many districts, Dr. Newman has taken steps to map out the areas where the stems are attacked and where the leaf is affected. With this information it will be possible to recommend varieties that may be grown with relative safety. How great a gain may result is seen in a case at Winchester where a variety resistant to leaf rust went 60 bushels to the acre, while Victory gave only 8 bushels. At the Ottawa Experimental Farm it is planned to drop Victory for Vanguard and at the Kemptonville School Erban is recommended. Even outside the districts affected with rust Larark and Erban have given better results in yields than other sorts.

Spring wheat which is grown to a limited extent in Eastern Canada, chiefly for poultry feed, also needs to be rust resistant. Huron and Marquis, so well known to Eastern farmers, cannot be depended upon as they are both susceptible to stem rust.

Measuring the Board-foot Contents of Logs
 The number of board feet in logs is computed from a log rule that gives the number of board feet for logs of different diameters and lengths. There are many log rules in use and the number of board feet assigned by the various rules to logs of the same size vary considerably.

The buyer naturally wishes to use a log rule that gives low values and the seller prefers one that gives high values.
 The diameter of the log is measured inside the bark at the small end. The diameters are rounded to whole inches; that is, an 8.8 inch log is entered as 9 inches and an 8.3 inch log as 8 inches. The length is measured and logs are usually cut in 8, 10, 12, 14 or 16 foot lengths. Logs should be cut 3 to 4 inches longer in order that the boards may be squared to the even foot lengths. The number of board feet in the log is taken from the log rule. Deductions for defects such as crook rot etc. are made for each log when it is measured. A scale stick has the log scale printed on it, and it is used for measuring the diameters of the logs.

Doyle Rule
 The Doyle rule has been the legal rule in Ontario since 1879 and most logs cut on farm woodlots are measured by this rule. It gives extremely low values for logs in the lower diameter classes.

Scribner Rule
 The Scribner Rule gives much higher values than the Doyle for logs in the lower diameter classes.

Doyle-Scribner Rule
 The values of the Doyle rule are used for logs up to 28 inches in diameter and above 28 inches the Scribner values are used.

International Log Rule
 The International rule gives values that are close to what can be sawn out by using good methods. It is fair to both buyer and seller.

Comparison of Log Rules
 The values given are for 16-foot logs only.

Diameter inside bark Inches	Rule				International
	Doyle	Scribner	Doyle-Scribner	International	
6	4	18	4	19	
8	16	32	16	39	
10	36	54	36	64	
15	121	142	121	157	
20	256	280	256	290	
25	441	459	441	462	
30	676	657	657	674	
35	961	876	876	930	

NOT MUCH
 An American staying in a London hotel was introduced to an Aberdonian, who asked him: "And what country do you belong to?"
 "The greatest country in the world!" replied the American.
 "Man! So dae I," replied Sandy, "but you dinna speak like a Scotsman."

MORTGAGE SALE

UNDER AND BY VIRTUE of the Powers of Sale contained in a certain Mortgage which will be produced at the time of sale, there will be offered for sale by

G. PHILLIPS, Auctioneer,
 at
 PUBLIC AUCTION
 on
 FRIDAY, THE 11TH DAY OF
 MARCH, 1938

at the hour of one-thirty o'clock in the afternoon at the farm of
JOHN A. LEEK,
 three miles from Richmond Hill, Ontario, the following property, namely:

ALL AND SINGULAR that certain parcel or tract of land and premises, situate, lying and being in the Township of Markham, in the County of York, being composed of the East half of Lot 16, in the Second Concession of the said Township of Markham, containing 100 acres more or less.

On the said farm there is said to be erected a barn.
 The lands will be sold subject to a reserve bid.

TERMS OF SALE:—Twenty-five per cent of the purchase money to be paid down at the time of the sale, the balance to be secured by a mortgage with interest at four per cent per annum.
 For further particulars and Conditions of Sale refer to
W. ERIC STEWART, K.C.,
 East Block, Parliament Bldgs., Toronto, Ontario,
 Solicitor to the Mortgagee.
 DATED at Toronto this 19th day of February, 1938.

NOTICE OF APPLICATION FOR DIVORCE

NOTICE is hereby given that **WILFRED AUGUSTUS COTTE STEAD** of the City of Montreal, in the County of Hechelaga, in the Province of Quebec, will apply to the Parliament of Canada at the present or next session thereof, for a Bill of Divorce from his wife **ELSIE MAY STEAD** of the City of Toronto, in the County of York, in the Province of Ontario, on the ground of adultery.

DATED at Montreal, in the Province of Quebec, the 8th day of February, A.D. 1938.
OSMOND F. HOWE,
 56 Sparks Street,
 Ottawa, Ontario.

Local Farmer Takes Canadian Champ.

Owner of the 1937 Canadian Champion 2-year-old Ayrshire cow, Mr. James Elliot of Woodbridge received a certificate as official recognition when he attended the Canadian Ayrshire Breeders Association annual convention in the Royal York Hotel, Toronto, on February 8th. "Grassie Susan" No. 174586, the cow setting the record, produced 11,992 lbs. of milk on a twice-a-day milking schedule over a 305 day period. The milk showed an average test of 4.23 P.C. producing 507 lbs. of butter fat, for a total of 12,205 pounds. In addition to this champion cow Mr. Elliot has many other animals in his herd which made enviable records in the government R.O.P. tests.

R. H. KANE

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 C.N.R. Money Order Office

IMPORTANT SALE OF

Horses, Hogs, Implements, Hay, Grain, etc.
 THE PROPERTY OF
JOHN TEBBUTT
 Lot 31, Concession 8, Vaughan Township
 Two Miles East of Kleinburg
THURSDAY, MARCH 3RD

PURE BRED HOLSTEINS

Flossie Echo Pluto Model, No. 305957 calf by side
 Air-Lea Susie Vale, No. 335780, calf by side
 Una Haggie Echo, No. 218246, due Feb. 13th, 1938
 Pietertje Josco Walker, No. 252490, due April 26th
 Morningside Lassie Cohantha, No. 287596, due Feb. 19th
 Cora Lassie Burke, No. 335779, due Feb. 27th
 Cora Korndyke Echo Lassie, No. 191152, due Feb. 28th
 Daisy Alcartra Echo De Kol, No. 263766, due March 23rd
 Margaret Segis Canada, No. 180439, due April 29th
 Empress Johanna Alcartra, No. 335-778, due July 10th
 Bell Pietje Creator, No. 335777, due June 12th
 Hilda Blanche, No. 313011, fresh
 Heifer Princess Alcartra Posch Echo, No. 371577
 Heifer Cora Korndyke Lassie, No. 371578
 Heifer Lady Alcartra Segis Canada, No. 371579
 Heifer Abbebert De Kol Rag Apple, No. 264204
 Heifer pure bred, 6 months
 Sire Alcartra Sylvius Posch, No. 113954
 Sire Brookholm Pluto Model, No. 120372, born Sent. 25th, 1936

GRADE HOLSTEINS

Holstein Cow, 7 years, calf by side
 Holstein Cow, milking well
 Ayrshire Cow, due April, 3 years
 The above cattle are fully accredited and blood tested
 This is an exceptionally fine herd of Pure Breds

HORSES

1 Grey Horse, Percheron
 1 Grey Horse, Percheron
 1 Bay Mare, 7 years, Clyde
 1 Grey Mare, 9 years
 1 Colt, 7 months

HOGS and FOWL

1 Berkshire Sow with 11 pigs
 1 Yorkshire Sow with 10 pigs
 20 Hens 1 Rooster, Barred Rock

HAY, GRAIN and POTATOES

200 bu. Banner Oats Seed
 50 bu. Victory Oa's Seed
 About 10 ton Mixed Hay
 100 bags Cobler Potatoes
 30 bags Dooley Potatoes
 Quantity of Apples

IMPLEMENTS

1 Gasoline Engine, 1 1/4 H.P., International
 1 Tractor, Fordson, in good condition
 1 Tractor Plow, Oliver, 2-furrow
 1 Set Spring Tooth Harrows, 25 tooth
 1 Grain Grinder, 10 in. -late
 1 Binder, 6 foot, Deering
 1 Corn Binder, Johnson
 1 Mower, 5 foot, Deering
 1 Sulky Rake, 10 foot, McCormick
 1 Drill, McCormick, 15 disk
 1 Cultivator, Peter Hamilton
 1 Corn Cultivator, Massey-Harris
 1 Manure Spreader, Cockshutt
 1 Roller, Massey-Harris, 2 drums
 1 Set Harrows
 1 14-Disc Harrow
 2 Fleury Plows, No. 12
 1 Sulky Plow, Massey-Harris, 2-furrow
 1 Gang Plow, 2-furrow
 1 Fanning Mill and Bagger, Chatham
 1 Heavy Wagon
 1 Hay Rack
 1 Bag Truck
 1 Potato Planter
 1 Cutting Box, Blizzard
 1 Root Pulper
 1 Small Cutting Box
 1 Set Sleighs, heavy
 1 Set Light Sleighs
 1 Cutter
 1 Potato Plow
 1 Cream Separator

HARNESS

1 Set Double Harness
 1 Set Single Harness
 A Number of Collars

Terms:—Cash Sale starts at 12 sharp
No Reserve as Farm has been rented
J. ALEX WALLACE in charge of pedigrees.
C. E. WALKINGTON, Auctioneer

PUBLIC AUCTION SALE of

Farm Stock, Implements and Hay
 THE PROPERTY OF
GEORGE ROWNTREE
 Lot 1, Con. 5, King Township, Town Line
 between King and Vaughan
Tuesday, March 1st, 1938

HORSES

1 Bay Mare, H.D., in foal, purchaser to pay for services of horse at time of foal.
 1 Bay Horse, H.D., 7 years old
 1 Bay Colt, rising 2 years old, G.P.
 1 Bay Colt, rising 1 year old, G.P.
 The above colts are well matched

CATTLE

1 Holstein and Ayrshire Cow, due March 8th
 1 Ayrshire Cow, fresh, calf at foot
 1 Holstein Cow, in full flow, bred
 1 Ayrshire Cow, in full flow, bred
 1 Ayrshire Cow, in full flow, bred
 1 Jersey Cow, due April 7th
 1 Brindle Cow, due April 13th
 1 Brindle Cow, due April 14th
 1 Ayrshire Cow, due April 12th
 1 part Jersey and Ayrshire Heifer, due July 15th
 1 Ayrshire Heifer, due May 15th
 1 Ayrshire Cow, due May 15th
 3 Calves
 1 Registered Ayrshire Bull, No. 179-879, born July 19th, 1934
 The above cattle have all been T.B. tested and Government Blood Tested.

Planter, nearly new

1 Paris Greener, 4 rows, combine with orchard sprayer
 1 Sleigh Wagon, 2 sets of wheels
 1 Wagon Box
 1 McLaughlin Light Wagon
 1 Set Heavy Sleighs, Speight
 1 Set small Bob Sleighs
 1 Large Beatty Grain Grinder, 12 in. with 2 sets Elevators, nearly new
 1 Set Scales, 2000 lbs.
 1 Cutting Box, Fleury
 59 ft. of Tracks and Rope
 2 Wheelbarrows
 1 Grain Cradle
 1 Blacksmith Bellows
 1 Hay Rack, 15 ft.
 1 Emery Stone
 1 Melotte Separator, 800 capacity
 1 Ford Engine
 1 Pump Jack
 A Number of Cow Chains
 Forks and Shovels and other articles too numerous to mention

HARNESS

1 Double Set of Harness
 1 Single Set

PIGS

1 Red Sow due beginning of April
 9 Shoats
 9 Suckling Pigs
 1 Tamworth Boar

FURNITURE

1 Organ
 2 Extension Tables
 1 Incubator, Chatham, 100 egg capacity
 1 Hall Hanging Lamp
 1 Bedstead
 A Number of Pictures
 1 Churn, No. 3
 3 Screen Doors

Terms:—Cash Sale will start at 1 p.m.
No Reserve
Edward Kyle, clerk **J. C. Saigeon, Auct.**