

J. H. Grubbs
June 15, '02

THE FARMER'S ADVOCATE

AND HOME MAGAZINE

* AGRICULTURE, STOCK, DAIRY, POULTRY, HORTICULTURE, VETERINARY, HOME CIRCLE *

PUBLISHED AT REGISTERED IN ACCORDANCE WITH THE COPYRIGHT ACT OF 1876. PUBLISHED AT

VOL. XXXVI. LONDON, ONTARIO. MARCH 15, 1901. WINNIPEG, MANITOBA. No. 522

Land for Everybody.

Free Grants of Government Lands.
Cheap Railway Lands for Sale on Easy Terms.

GOOD SOIL. PURE WATER. AMPLE FUEL.

Take your choice in

Alberta, Assiniboia, Saskatchewan or Manitoba.

Most desirable land can be obtained in Southern Alberta in close proximity to the Calgary and Edmonton Railway and the Crow's Nest Pass Railway, suitable for Mixed Farming and Ranching on both a large and small scale.
Most desirable land can be obtained in the Olds District, along the line of the Calgary and Edmonton Railway, about fifty miles north of Calgary.
In the Prince Albert, Duck Lake and Rosethorn Districts, on the line of the Qu'Appelle, Long Lake and Saskatchewan Railway.
In the Beaver Hill District and along the line of the Manitoba and Northwestern Railway.
For full information concerning these Districts, Maps, Pamphlets, etc., FREE, apply to

Osler, Hammond & Nanton,
LAND OFFICE,
440 Main St. WINNIPEG, MAN.

Ensilage Seed Corn

"The Yield is What Counts."

MAMMOTH SOUTHERN, GIANT PROLIFIC, YELLOW DENT, LEAMING YELLOW (early maturing), WHITE CAP YELLOW DENT (early maturing), RED-COB WHITE. Read the following from one who has tried our Mammoth Southern and knows what it is. Don't let your dealer catch you with some cheap John variety by that name. Get the PURE article—take no other. Write us if your dealer does not keep ours, and we will tell you where to get it pure.

TILSONBURG, ONT., JAN. 24, 1901.

Messrs. E. R. ULRICH & SONS, SPRINGFIELD, ILLINOIS:
Gentlemen,—I notice your advertisement in FARMER'S ADVOCATE, of Seed Corn. I used to buy seed corn from you several years ago, and it was always good and gave me great crops—20 to 24 tons to the acre, but late years I have bought my seed corn from which I have had poor crops, yielding 4 to 6 tons less per acre than what I got from your seed. Two years ago one-half of my seed failed to grow at all—had to re-plant with other seed. Are you still selling that good, sound Mammoth Southern Sweet Corn that I used to buy from you? If so, what would it cost me per bushel, delivered in bond? And have you some good earlier varieties that you can recommend as large yielders of ensilage? We like some earlier that will mature for ensilage. Earlier varieties make richer and sweeter silage, but not so much of it to the acre. I grow 60 acres for silage. Yours truly,
E. D. TULLSON.

E. R. ULRICH & SONS,
"Blood will tell." Springfield, Ill., U.S.A.

Family Knitter



Cheapest, Simplest, Best.

Price, \$8.00.

Write for circular.

Dundas Knitting Machine Company,
DUNDAS, ONTARIO.

PLEASE MENTION FARMER'S ADVOCATE.

CONTENTS OF THIS NUMBER.

EDITORIAL.	PAGE.
RAISE THE QUALITY STANDARD OF STOCK ..	183
SUGAR BEET GROWING FROM THE FARMER'S STANDPOINT ..	183
THE CLOVER CATCH ..	183
THE HORSE BREEDERS' LIEN ACT ..	184
SUGAR BEETS IN MICHIGAN ..	184
THE CARE OF CONSUMPTIVES ..	185
STOCK.	
CHANGES IN THE TUBERCULIN TEST REGULATIONS ..	185
HORSE BREEDING IN THE LAST THIRTY YEARS ..	185
THE TAKING OF STALLIONS ..	187
CASABIANCA (10523) (ILLUSTRATION) ..	187
THE SCIENCE OF BREEDING ..	187
THE USHER VENTILATION SYSTEM ..	187
THE DAY OF THE CELLAR STABLE IS HAPPILY PAST ..	188
BREEDING AND CARE OF DRAFT HORSES ..	188
THE VENTILATION PROBLEM ..	188
LILITH PAULINE DE KOL (ILLUSTRATION) ..	188
FARM.	
PROF. C. D. SMITH ON SUCCESSFUL SUGAR BEET CULTIVATION ..	188
SPRING IS COMING ..	188
A WELL PLANNED FARMHOUSE (ILLUSTRATED) ..	189
THE ROUND CONCRETE SILO ..	189
HOW TO MAKE GRAVEL WALLS (ILLUSTRATED) ..	189
SUB-SURFACE ENTRANCE OF FRESH AIR TO STABLES ..	189
FARMERS' INSTITUTE FIELD NOTES ..	189
HOW TO GET A CLOVER CATCH ..	190
PLAN OF HOUSE FOR TWO FAMILIES (ILLUSTRATED) ..	191
MAKING MAPLE SYRUP AND SUGAR ..	191
THE PEA WEEVIL PEST ..	191
THE SECRET OF SUCCESS ..	191
DESCRIPTION OF PIPEN (ILLUSTRATED) ..	192
AN ILLINOIS SUGAR BEET GROWER'S EXPERIENCE ..	192
DAIRY.	
NECESSITY OF CO-OPERATION BETWEEN FARMERS AND MERCHANTS ..	192
SOMETHING ABOUT PERCENTAGES OF BUTTER-FAT ..	192
DAIRYING UP TO DATE—III ..	193
GOOD FEEDING OF DAIRY COWS ..	193
THE CHEESEMAKER AND THE FLAVOR QUESTION ..	193
APIARY.	
SPRING IN THE APIARY ..	194
GARDEN AND ORCHARD.	
GROWING FRUIT TREES FROM TWIGS AND BRANCHES ..	194
MANURES FOR LETTUCE ..	194
THE CHERRY ..	194
HOTBEDS ..	195
RAISING STRAWBERRIES ..	195
POULTRY.	
BEGINNING IN THE POULTRY BUSINESS ..	195
TURKEY RAISING ..	196
EGGS AND CHICKENS ..	196
QUESTIONS AND ANSWERS.	
VETERINARY: EPITHELIAL TUMORS OR WARTS ON HEIFER; CONSTIPATION IN YOUNG PIGS; PARTIAL PARALYSIS IN COW; CONTRACTED TENDONS; INVERSION OF THE RECTUM IN PIGS; SUDDEN DEATH OF PIGS AND SICKNESS IN OTHERS; BONE SPAVIN IN MARE OLD ENOUGH TO VOTE; SKIN DISEASES; INDIGESTION IN STEER; EITHER CHRONIC LAMINITIS OR NAVICULAR DISEASE IN PONY; WEAK EYES IN MARE; IMPURE BLOOD; PROBABLY ANTIMYCOBIS; A CASE OF QUITTOR; ABSCESS ON EWE'S JAW; NAVEL RUPTURE; MARE WITH TENDER SKIN ..	196, 197
MISCELLANEOUS: MAKING A HOTBED; POTATOES FOR HORSES; POTATOES FOR PREGNANT EWES; A NEW-FANGLED CHURN; CHARACTERISTICS OF SHROPSHIRE SHEEP; ROOF FOR ROOT HOUSE UNDER DRIVEWAY TO BARN; JUSTICES OF THE PEACE; SALE OF SWINE—RIGHT TO WAGES; OATS AND PEAS: GREEN OR RIPE AS FODDER; ROOFING SILO—RYE FOR PIGS; LICE IN HENHOUSE; WHAT ABOUT THE SULKY PLOW; THE DOG NUISANCE; EARLY FODDER CORN—CLOVER FOR SOWING ALONE; FARMING WITH LITTLE LABOR; FOUNDATION AND WALLS FOR A FRAME HENHOUSE; RED CALVES BY HOLSTEIN BULL ..	197, 198, 199
MARKETS.	
FARM GOSSIP: NEW ONTARIO; A TRIP TO THE ISLAND OF CAPE BRETON; SEED GRAIN COMPETITION; AGRICULTURAL LEGISLATION IN NOVA SCOTIA ..	199
CAN HOG PRICES STAY UP? ..	199
TORONTO MARKETS ..	199
CHICAGO MARKETS ..	199
BUFFALO MARKETS ..	199
HORSES FOR SOUTH AFRICA ..	199
OLD COUNTRY MARKETS ..	199
HOME MAGAZINE.	
THE FAMILY CIRCLE ..	200
THE QUIET HOUR ..	201
"THREE PRISONERS" (ILLUSTRATION) ..	201
THE CHILDREN'S CORNER ..	201
GOSSIP ..	204, 205, 206, 207, 211, 212
DOMINION SHORTHORN BREEDERS' ASS'N ANNUAL MEETING ..	204
DOMINION CATTLE BREEDERS' ASSOCIATION ANNUAL MEETING ..	206
DOMINION SWINE BREEDERS' ASSOCIATION ..	206
ENGLISH STOCK NOTES ..	210
NOTICES ..	204, 206, 209
ADVERTISEMENTS ..	181 and 182, 203 to 216



THE CANADIAN PACKING CO. LONDON
GUARANTEED:
ANALYSIS. PURE LARD, 99.78%
WATER, 0.22%
100%
THE CPC LARD is the finest Lard in this country, guaranteed pure. Ask your grocer distinctly for it, and all other goods with same brand are guaranteed by us.

At our Store, next Post Office, you get all kinds of choice cured and fresh pork products, choicest Sausage, Bologna, and Canned Meats.

UP WITH THE TIMES.

Progressive Cheese and Butter makers use WINDSOR SALT, because they know it produces a better article, which brings the highest price.

THE Windsor Salt Co., Limited,
WINDSOR, - ONT.

Cheese and Butter.

Makers of these articles, in many instances, do not pay the necessary attention to the quality of the Salt they use. Some people think that "Salt is Salt," and it does not matter where it comes from, or who makes it. This is a great mistake, for it is essential that to produce the best Butter or Cheese nothing but the purest Salt should be used. The number of prizes obtained by users of—

COLEMAN'S OR RICE'S Dairy Salt

at the various exhibitions is conclusive proof that these brands of Salt stand unrivalled.

FOR FRAMES, ETC., ADDRESS
R. & J. RANSFORD
CLINTON, ONT.
Established 1868.