

PUBLISHED AT

PUBLISHED AT

Vol. XXXVI.

1901

Ont ERTI-d it an make

OND.

RIO.

S

S

ndOW ber

er

rns you

yle

le of

all.

Ida

LONDON, ONTARIO.

MAY 1, 1901.

WINNIPEG, MANITOBA.

No. 525

### 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

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 Rosthern 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 Cearly 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. Messes. E. R. Ulrich & Sons, Springfield, Illinois:

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 your seed. The 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. Tillbon.

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.

#### CONTENTS OF THIS NUMBER.

		PAGE.
1	EDITORIAL,—THE NINETY-DAY CATTLE QUARANTINE	291
	THE EVE OF THE TROLLEY AGE	291
	AS OTHERS SEE THE ONTARIO LIVE STOCK SALES	. 292 5 292
	THE PAN-AMERICAN EXPOSITION	292
9	THE PAN-AMERICAN EXPOSITION	293
	HON. WILLIAM I. DUCHANAN (ILLUSTRATION)	400
	Some Facts About Pig Feeding	293 293
	Wraning Pigs	ana
	TUBERCULAR INFECTION	
	FRANK A CONVERSE (ILLUSTRATION)	293
	POINTS FOR JUDGING BEEF AND DAIRY TYPES OF CATTLE (ILLUS-	-
	TRATED)	294
	CHEAPLY PRODUCED (ILLUSTRATED)	294
	POTENCY OF PURE BLOOD IN PRODUCING IDEAL BACON HOGS	007
	Typical Berkshire Sow (illustration)	296
	ENGLISH YORKSHIRE SOW (ILLUSTRATION)	
	TYPICAL TAMWORTH SOW (ILLUSTRATION)	200
	KAPANGA (ILLUSTRATION)	200
	KING OF THE CLYDES [2569] (IMP.) (ILLUSTRATION)	001
	COPYRIGHT [2739] (IMP.) (ILLUSTRATION)	
	Moss Rose (Illustration)	302
1	FARM,—Experimental Sugar Beet Culture	296 296
	SUCCESSFUL CLOVER CATCHES	000
	SILAGE, SUGAR BEETS AND MANGELS AS DAIRY FOODS	296
	OLD BARNS REARRANGED (ILLUSTRATED)	297
	JOSEPH E. GOULD'S DAIRY BARN (ILLUSTRATED)	ann
	CORN PLANTING AND CULTIVATION	297 298
	INSECTIVOROUS BIRDS	anu
	A LITTLE FARM WELL TILLED—CLOVER ESSENTIAL	298
	THE HORSE HOE FOR GRAIN CROPS	298
	FIELDS INFESTED WITH HESSIAN FLY	
w	AN UNFAVORABLE OPINION OF SPELT; RAPE	onin
	ENDICHING SEPARATED MILK FOR CALF FEEDING	299
	SUMMER FEEDING TRIALS	300
	SUMMER FEEDING TRIALS THE COW AND HER MILK  ISCRILLANEOUS.—THE MILITARY TOURNAMENT AND HORSE SHOW	300
N	IISCELLANEOUS.—THE MILITARY TOURNAMENT AND HORSE SHOW	300 301
ŀ	OULTRY.—THE LITTLE CHICKENS	301
	BROODING AND HOUSING CHICKS	000
	CELECTING (100D LAVERS	302
	PROFITABLE POULTRY; MUD AND EGGS	
	SETTING THE HEN	200
A	APIARY.—WEAK COLONIES IN SPRING—WHEN TO UNITE THEM	303
•	THE FRUIT GARDEN	303
	THE FRUIT GARDEN	303
	N.W. T. FARMERS INSTITUTE MEETINGS	303
H	ENTOMOLOGY.—A CATTLE TICK	304
9	VETERINARY: LAME MARE; WORMS IN COLT - LYMPHANGITIS;	
	CHRONIC CONSTIPATION IN COW; LUMP IN THROAT OF COW;	
	DIARRHEA IN CALVES: LAME STALLION, ETC.; LAMPAS IN FILLY;	
	PROBABLY BONE SPAVIN; WEAKNESS OF FORWARD ANKLES IN	
	THREE-YEAR-OLD ROADSTER; PROBABLY TUBERCULOSIS IN FOWLS; SKIN DISEASE IN MARE; LUMP ON PASTERN OF HORSE;	
	INTESTINAL WORMS IN PIGS; PROBABLY HÆMATURIA IN HEIFER;	
	REPEATED ATTACKS OF INDIGESTION IN MARE 304	l. 305
	MISCELLANEOUS: STANDARD BARRED PLYMOUTH ROCKS; EXPRO-	
	PRIATION OF LAND FOR RAILWAY; THICK AND THIN CREAM; CORN SPOILING IN THE SILO; LAYING OUT A LAWN; ENSILAGE	
	OF CLOVED DEAS AND OATS: STANDARD WHITE LEGHORNS:	
	SAWDUST AS MANURE - PROLIFIC LAYERS; LEG WEAKNESS IN	
	HENS: HEIFER AND COW FAILING TO BREED; RAPE: ITS CULTI-	
	VATION AND VALUE AS PASTURE; CAUSE OF SMUT; TO TRACE	
	PEDIGREE; FOUL-BROOD INSPECTION; "INTERNATIONAL FOOD" SATISFACTORY; POTATOES OR CARROTS FOR HORSES; SHEEP PEN	
	—CEMENT FLOOR — BOILING FEED; ABOUT CREAM SEPARATORS	
	AND RAISING CALVES; CLOVER SILAGE—ROBERTSON'S MIXTURE;	
	COLLECTION OF SERVICE FEE: CHEAP SHEEP HOUSE—FENCING—	
	MARE'S LEGS SWELL; STGAR-BEET FACTORY AND SEED; ANGORA GOATS WANTED-CREAM-EQUIVALENT FOR CALVES; DOES GREEN	
	RYE FLAVOR MILK?; A SWITCHER AND KICKER; SUBSTITUTE FOR	
	TURNIPS: FIRE PROTECTION FOR VILLAGE; REGISTERING A	
	SHORTHORN; BLACK SPANISH EGGS; WHERE TO GET AN HY- DRAULIC RAM; ROOT DRILL WANTED; GADFLY — GRUB IN THE	
	DRAULIC RAM; ROOT DRILL WANTED; GADFLY - GRUB IN THE	
	HEAD; ABOUT SILOS; TICKS ON HORSE; LIABILITY UNDER CHAT-	7-8-9
T	TEL MORTGAGE 305-6- MARKETS. — FARM GOSSIP: OXFORD COUNTY; SOUTH PERTH,	
1	ONT.: KENT CO., ONT.; PRINCE EDWARD ISLAND; HOW TO	
	GROW CLOVER; A LETTER FROM SCOTLAND	309
	TORONTO MARKETS	309 309
	BUFFALO MARKETS CHICAGO MARKETS	309
T	HOME MAGAZINE.	
-	THE FAMILY CIRCLE	011
	THE CHILDREN'S CORNER	011
	"QUEEN OF THE MAY" (ILLUSTRATION)	010
	0 010 014 015 017 016	
	313 314 31/	
	10210210	
A	ADVERTISEMENTS 289 and 290, 313 to	0 021
_	THE PARTY OF TAXABLE PARTY OF THE PARTY OF T	IDFO

PUBLISHED TWICE A MONTH, AT LONDON AND WINNIPEG, CAN.



QUARANTEED: ANALYSIS. PURB LARD, - . . 99.78% WATER, . . . 6.22 THE GPG 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.

### Good Butter

Windsor Salt makes good butter because it dissolves easily and quickly; and, too, because the butter receives the full goodness of each flake of the Salt and the delicate flavor of pure Salt.

> Windsor Salt.

Best Grocers Sell It.

# 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

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

FOR PRICES, ETC., ADDRESS

R. & J. RANSFORD OLINTON, ONT.

Hetablished 1868.

PLEASE MENTION FARMER'S ADVOCATE.