

A LIFE SENTENCE

Don't discount the work your cows do by using any other than the DeLaval Cream Separator. It's hard on your purse and not fair to the cows.

DeLaval Cream Separators

SERVE FOR LIFE

77 York St., TORONTO
Winnipeg Montreal

ONTARIO PROVINCIAL

WINTER FAIR

A Combination Exhibition of both LIVE and DRESSED CATTLE, SHEEP, SWINE and POULTRY; also a DAIRY SHOW and a SEED SHOW. will be held at

GUELPH, Ont., DEC. 10 to 14, 1906

Entries should be received by the following dates:—Live Stock, Seeds and Judging, November 24; Live Poultry, November 26; Dressed Poultry, December 1.

OVER \$10,000 OFFERED IN PRIZES

Instructive Lectures by Practical Experts Will be Given
Each Day of the Fair.

Railway Rates: SINGLE FARE from all Points in Ontario.

For Prize List, Entry Forms, Programme of Lectures or other information apply to the Secretary.

ARTHUR JOHNSTON,
President.

A. P. WESTERVELT, Secretary,
Parliament Buildings, Toronto, Ont.

Whitewash Recipes

A few of the most favored recipes for preparing the lime wash may aptly be given, of which the first two are best adapted for exteriors, and the latter two for interiors:

1. Slack half a bushel of lime in boiling water, covering the receptacle during the process in order to keep in the steam. Strain the liquid through a fine sieve. Add to this a peck of salt that has previously been dissolved in warm water; 3 lbs. of ground rice boiled to a thin paste and stirred in while hot; $\frac{1}{2}$ lb. of Spanish whiting, and 1 lb. of glue, also previously dissolved by soaking in cold water in an ordinary glue pot. Add 5 gals. of hot water to the mixture, stir well, and allow it to stand for a few days protected from dirt. The lime wash should be applied hot, and

should, therefore, if possible, be kept in a portable furnace.

2. Take 20 lbs. of unslacked lime, 3 lbs. of common salt and $\frac{1}{2}$ lb. of alum. Slack the lime with boiling water until of the consistency of thin cream. To increase the antiseptic properties of the wash add $\frac{1}{2}$ pint of crude carbolic acid to each bucketful.

3. To half a bucketful of unslacked lime add two handfuls of common salt, and soft soap at the rate of 1 lb. to 15 gals. of the wash. Slack slowly, stirring all the time. This quantity makes two bucketfuls of very adhesive wash, which is not affected by rain.

4. Slack lime with water and add sufficient skim milk to bring it to the consistency of thin cream. To each gallon add 1 oz. of salt and 2 ozs. of brown sugar dissolved in water. The germicidal value of Nos. 3 and 4 may be increased by adding $\frac{1}{4}$ lb. of chloride of lime to every 30 gals. of wash.

TABLE OF CONTENTS

Coming Events	778
Auction Sales	778
Alaska-Yukon Fair	779
Whitewash Recipe	782
Dairy Instruction Work	783
The Seedless Apple	783
Farming World Premiums	783
Editorial Notes	783
Cold Storage for Fruit	784
Planting an Orchard	784
The Farmer and the Tariff	784
Farmers' Institute Conference	784
Eagerly Read	784
Our English Letter	785
Agriculture in the Island Province	786
A Shorthorn Sale in Scotland	787
The Pea Weevil	788
Notes from Horse Investigation	789
Feeding Horses by Weight	789
Profitable Fattening Age	789
A Good Sheep Year	789
Black Teeth in Pigs	790
Toronto Township Plowmen	790
Winter Protection for Evergreens	790
Protecting Roses from Frost	790
Fruit and Flower Show	791
Ontario Fruit Growers Meet	791
Butter-Scoring Contest	793
Make Instructors Sanitary Inspectors	793
Some Cheese Averages	793
Feeds Little and Often	793
More on the Milking Machine	794
THE HOME WORLD—	
The Hurrying Hours	795
Material for Farm Homes	795
A Laugh on the Way	795
Why Popcorn Pops	795
Some Pungent Answers	795
Marriage Customs	796
Alcohol from Potatoes	796
In the Sewing Room	796
The Boys and Girls	797
Health in the Home	798
Sunday at Home	798
In the Kitchen	799
Itchy Skin Disease	801
Stifle Gone Wrong	801
Cows and Calves	801
A Peebles Definition	801
Water-power Rights	801
Removing Obstruction	801
Hired Man's Holidays	801
Good Soft Food Mixture	802
Danger from Roosting in Drafts	802
Cheap Clover Cutter	802
Proportion of Hens to Cocks	802
Preparations for Winter Layers	802
Ontario Veterinary College	802
Gossip	803
Mr. Sadler's Stallion for Winter	807
Sale of Quebec Ayrshires	804
Ontario Provincial Fair	804
Maritime Winter Fair	804
Hackneys for Canada	804
More Clydesdales for Canada	806
Clydesdale Ponies for Canada	807
Clydesdale Stallion for Canada	807
Deep Milking Guernsey	808
A Profitable Cow	808
Market Review and Forecast	809
Build an Ice House	810
More Gossip	810
Books and Bulletins	810
Preparing Bees for Winter	811
Power Spraying and Other Power	811
Vegetable Growers	811
Flower Growers	811
Beekeepers	811
Prince Edward Island	811