

The dairy—its prospects and profits..... 6  
 The profits of the dairy..... 51  
 The production of milk..... 77  
 Temperature in butter making.....180

What is oleomargarine..... 64  
 Whey—its nutritive value and its use as food for domestic animals.....102

Washed and unwashed butter.....126

**EDITORIAL:**

Agricultural societies..... 2  
 Advance in the price of..... 25  
 Acquiring improved stock..... 28  
 American horses in England..... 29  
 Agricultural societies..... 29  
 Advice to farmers..... 148  
 Agricultural commission..... 147  
 Agricultural exhibitions..... 195  
 Accidents at fairs..... 241  
 A grand prospect for Canadian horses..... 241  
 A pattern for milkmen..... 197  
 A few words to friends..... 264  
 Adieu to 1880..... 273  
 Another agricultural enterprise..... 275

Better late than never..... 2  
 Butter-making revolutionized..... 4  
 Board of Agl. and Arts of Ontario..... 73  
 Bad state of affairs in Kansas..... 169  
 Brief chats while on the wing..... 196

Cattle disease in New Hampshire..... 5  
 Canadian wheat garden, the..... 5  
 Calves..... 73  
 Caution..... 75  
 Currant culture..... 97  
 Country road making..... 124  
 Care of lambs..... 171  
 Caution..... 172  
 Canadian rye and barley..... 222  
 Canada and the English press..... 252  
 Canadian apple trade..... 281

Duty..... 1  
 Death of Hon. Geo. Brown..... 121  
 Diseases of farm stock..... 124  
 Dominion Agricultural Exhibition..... 220  
 Dairymen's Association Exhibition..... 222

Elgin Agricultural Exhibition..... 221  
 Early peaches..... 195  
 Emigration..... 275

Fermenting feed..... 9  
 From the United States..... 148  
 Fall wheat..... 171

Glanders..... 2

Heredity of traits and disposition in domestic animals..... 5  
 Healthy pigs..... 99  
 Home again..... 169  
 How to deal with oats..... 171  
 Hundreds of cattle dead..... 171  
 Home-made drying house..... 228  
 How to keep apples..... 276

Improvement in agriculture in Canada..... 5  
 Ingersoll..... 80  
 Intelligent farming..... 98  
 Improved Berkshire Swine..... 124  
 International exhibition of sheep, wool and wool products..... 197

Live stock in relation to wheat growing..... 148

Meeting the requirements of agriculture..... 5  
 Manitoba..... 53  
 Manuring fruit trees..... 16  
 Maritime Provinces, No. 3..... 224  
 Maritime Provincial Exhibition..... 241  
 Manitoba..... 251  
 Manufactures..... 274

New Denmark..... 225  
 New Brunswick's Provincial Exhibition..... 249  
 Notice..... 273

On the wing..... 27  
 "..... 100  
 " No. 1, Maritime Provinces..... 145  
 " No. 2, "..... 169  
 " Trial of the Toronto Harvester and Binder..... 201  
 " No. 3, Maritime Provinces..... 224

Over production..... 100  
 Ontario Agricultural Commission..... 101  
 Ont. Provincial Agricultural Exhibition..... 221  
 Our Maritime Provinces, No. 4..... 251  
 Ontario Agricultural Commission, the..... 264

Prospects for farmers in the Western States..... 5  
 Preparing barley for market..... 5  
 Prickly comfrey..... 26  
 Pork trade, the..... 53  
 Profitable potato culture..... 99  
 Packing fruit for the market..... 124  
 Proper time to cut timber..... 124  
 Prospects for barley growers..... 193  
 P. E. Island..... 249  
 Provincial Exhibitions, the.....

Report of the Committee of the Fruit Growers' Association of Ontario..... 100

Recreation..... 146  
 Rust in wheat..... 147  
 Review of farming and stock feeding..... 198

Sowing wheat..... 25  
 Sowing fertilizers..... 30  
 Strawberries..... 74  
 Soiling crops..... 76  
 Spring care of lambs..... 100  
 See to the bulbs..... 217  
 Sheep breeding..... 217  
 Soapstone, or sale, adulteration..... 252  
 Stock at the Toronto Industrial Exhibition..... 258

The New Year..... 1  
 Toronto vs. the farmers..... 1  
 The Provincial Board of Agriculture..... 2  
 The editor's chair..... 25  
 Talks with farmers..... 25  
 The farmers' paper—its independent course..... 28  
 The rose..... 76  
 The Western Fair Ground..... 122  
 To make good pure cider..... 176  
 Three horses abreast..... 176  
 The Democrat wheat..... 194  
 Toronto Industrial Exhibitions..... 219  
 The contrast..... 225  
 The Provincial Exhibitions..... 249  
 The express company vs. the railway..... 264  
 The gleaner and blunder..... 257  
 Township exhibitions..... 279  
 The western fair and municipal reform..... 276  
 Thanksgiving day..... 275

Value of rocky lands..... 122  
 Virginia creeper..... 224

Western corn cultivator..... 112  
 Western Fair—poultry exhibits..... 241  
 Wheat \$750,000..... 80  
 What stock will pay best to ship to England..... 217

Young farmer..... 98

**ENTOMOLOGY:**

Apple tree borer..... 131  
 Army Worm, the..... 152

Borer..... 103

Cabbage pest..... 103  
 Coal tar vs. curculio..... 131  
 Codling moth..... 131  
 Cabbage worm..... 178  
 Curculio remedy..... 68

Destroying the curculio..... 111

How to euchre the borers..... 151

Insectivorous birds..... 151

Killing the peach tree borer..... 131

Our insect enemies..... 58

Potato bug..... 128

Remedy for insect pests..... 151

Seventeen-year locusts..... 100

Tobacco powder for insects..... 81  
 The squash vine..... 103  
 Tomato worm, the..... 100

Valuable hints to farmers—gas tar as an insect destroyer..... 153

Woodpeckers vs. the apple worm..... 103

**GARDEN AND ORCHARD:**

A fruit that never fails..... 34  
 Ashes for apple trees..... 34  
 American preserved fruit..... 52  
 Asparagus bed, the..... 52  
 Attention to grape vines..... 103  
 Alkaline fertilizers for fruit trees..... 208

Benefits from hoeing..... 131  
 " "..... 178  
 Bark bursting..... 178  
 Black walnut..... 271

Currants..... 57  
 Carrots..... 81  
 Clematis, the..... 103  
 Cost of carelessness..... 132  
 Cultivating flowers in the open air..... 132

Dried fruit..... 178

Early bearing of fruit trees..... 57

Family fruit garden, the..... 57  
 Fruit Growers' Association of Ontario..... 58  
 Forest trees by mail..... 58  
 Fuschia, or ladies' ear-drop..... 151

Fumigation plants, the..... 179  
 Fruit trees on the lawn..... 204

Grape vine flea beetle..... 151

How to manage cuttings..... 103  
 How to make a fruit dryer..... 204

Iron filings for pear trees..... 34

Lilies..... 261

Manures for the garden..... 163  
 Mulching for fruit..... 131

Neglected fruits..... 260

Old fruit trees..... 57  
 Ont. Fruit Growers' Association..... 179

Pruning Orchards..... 33  
 Pear blight..... 151  
 Pruning and training the vines..... 178  
 Pearagonum, the..... 179  
 Pruning the roots..... 204  
 Planting shade and fruit trees..... 227  
 Packing apples for shipment..... 228

River's purple-leaved beech..... 128  
 Rose culture..... 178  
 Raspberry, the..... 82

Strawberries..... 33  
 Starving wire worms..... 34  
 Sanitary effects of pine forest..... 82  
 Summer pruning..... 132  
 Small fruits for the family..... 132  
 Salt for trees and vegetables..... 151  
 Screens and pear blight..... 152  
 Squash and melon bugs..... 178  
 Screens and pear blight..... 204  
 Slips and cuttings..... 204  
 Salt for plum trees..... 204

Training fuschias..... 235  
 Transplanting in the night..... 34  
 The yellows in peaches..... 31

Vegetable fruit garden..... 260

Woodland flowers..... 179  
 Winter protection..... 260

**POULTRY:**

Baked bones and oyster shells..... 150

Chicken cholera..... 184  
 Care of fowls..... 184  
 Chrysalized eggs..... 271

Farm poultry..... 263  
 Farmers and poultry..... 286

Gravel for fowls..... 286

Hen fever, the..... 34  
 Hawks and owls..... 129  
 Hints to beginners..... 222

Milk as poultry food..... 129

Ontario poultry show..... 60

Poultry house..... 129  
 Packing eggs to preserve for winter..... 150  
 Poultry in winter apartments..... 263

The dust bath..... 208

Water for fowls in winter..... 286

**PRIZE ESSAYS:**

Agricultural fairs and their management..... 198

On use of lime and salt in agriculture..... 16  
 On use of lime and salt in agriculture..... 40

Fattening of cattle..... 59  
 Farm management of poultry..... 59  
 Fall and winter management of colts..... 236

Prize essays..... 276

Settling in Manitoba..... 83  
 Sheep vs. cattle for the general farmer..... 264

**STOCK:**

Ayrshires..... 200  
 Abortion in cows..... 239  
 A lamentable evil..... 181  
 American farming..... 271

Breeding cows for butter..... 11  
 Bovine lung plague..... 4  
 Breaking colts..... 133  
 Breeding Sows..... 269

Cotted wool and its causes..... 105  
 Cattle diseases in Maryland..... 133  
 Convenient set of box stalls..... 156  
 Coming steer, the..... 157  
 Cribbing in horses..... 181  
 Corn fodder..... 181  
 Chicago fat stock..... 181  
 Can farmers afford to improve their stock..... 229

Dairies and bone manure..... 181  
 Diseased meat and its consequences..... 10  
 Early maturity..... 156  
 Effects of moisture and dryness of hoofs..... 256

Farrowing season..... 78  
 Feeding horses..... 78  
 Facts about horse-shoeing..... 270  
 Foot-rot in cows..... 181  
 Feeding for profit..... 200  
 Fatted Angus cattle..... 205  
 Feeding horses..... 229  
 Feeding and breeding..... 224  
 Feeding for the best results..... 223

Grain in the summer ration..... 133  
 Green peas and oats for cows..... 104

Health of horses..... 64  
 Horse punishment..... 77  
 Hair and horns of Durhams..... 138  
 How to give beef a delicate flavor..... 232  
 Hampshire Downs..... 239

Inoculation a preventive of pleuro-pneumonia..... 229  
 Influence of food upon stock..... 234

Jersey cattle..... 105

Live stock in relation to wheat growing..... 273

Management of the stallion..... 223

On feeding swine..... 156  
 Oxford Downs..... 229

Plan of convenient stable..... 64  
 Pleuro-pneumonia in the U. S..... 11  
 Preserving harness..... 78  
 Prepotency of males..... 156

Quality or quantity..... 10

Stock feeding in the Maritime Provinces..... 64  
 Spring care of dairy cows..... 78  
 So-called founder..... 78  
 State of wool interests..... 108  
 Sheep owners' opportunity..... 133  
 Scours in calves..... 133  
 Summer feeding stock..... 181  
 Suffolk horses..... 238  
 Shorthorns for beef and milk..... 234

The question of whole or cut fodder..... 63  
 To convert carcasses into fertilizers..... 269  
 Training heifers..... 105  
 Test of pedigree..... 105

Value of an improved animal..... 258  
 Ventilation and disease..... 258  
 Value of sawdust as bedding..... 259

Washing sheep..... 104  
 What horses should be raised..... 259  
 Winter and spring care of calves..... 259  
 Winter feeding..... 279

**VETERINARY:**

Dangers of equine diseases..... 208

Foot diseases in the cow..... 202

Galled shoulders and back..... 140

Malignant anthrax in cattle..... 202

Poisonous fodders, grass, staggers, etc..... 172

Red water remedy..... 202

The horse disease..... 257

**HOME MAGAZINE DEPARTMENT:**

As plain as a pikestaff..... 16  
 An injurious practice..... 21  
 A novel use of carrier pigeons..... 21  
 Answers to enquirers..... 20  
 "..... 43  
 "..... 66  
 "..... 90  
 "..... 114  
 "..... 138  
 "..... 163  
 "..... 225  
 "..... 188  
 "..... 266

A hint to butter-makers..... 66  
 A pretty romance about a hair..... 113  
 Attractive luncheons..... 114  
 Adam and Eve..... 164  
 A small couple..... 240  
 A scene on Vancouver Island..... 240  
 A farmer who robbed his boy..... 248  
 A plea for the sunflower..... 248  
 Arrangement of flowers..... 249  
 A woman's experience with ferns..... 267  
 A new capitalist..... 268