

EDITORIAL—

- Absence from exhibitions of breeds of cattle..... 250
A bull of the Longhorn Dishley breed..... (Illustrated) 200
A Canadian home..... 218
A Canadian International Exhibition 26
Adieu..... 273
Agricultural College..... 99
Agricultural and Arts Association—
The Provincial Fair of 1877..... 32
Agricultural societies..... 274
A home plant..... (Illustrated) 105
Amusements..... 241
A Model Farm for Nova Scotia..... 99
American beef for Europe..... 251
A new Agricultural Act..... 28
An honorable employment..... 241
An Agricultural College..... 98
A nut for Canadian farmers to crack 196
A worthy example..... (Illustrated) 257
Bait the hook again..... 51
“Balmoral Farm,” Lobo, the property of Mr. Alex. McArthur..... (Illustrated)..... 8
Barley dull..... 3
Beet Sugar..... 50
Beef for Europe..... 121
Board of Agriculture and Arts..... 28
Bone dust..... 123
Breadstuffs for England..... 99
Buckwheat—Its cultivation..... 122
Callous tumor on shoulder..... 274
Canadians going to the States..... 277
Caution to travellers..... 277
Choice of seeds..... 273
Canadian butter..... 221
Canada..... 50
Canadian butter..... 197
Canada, past and future..... 73
Canada at the exhibition in New South Wales..... 75
Competition with the dairymen..... 124
Convention of live-stock dealers..... 174
Converting bones into a fertilizer..... 171
Crop prospects..... 124
Crossing the buffalo with milch cows 3
Culture of the turnip crop..... 124
Cyclamen Pericum Giganteum. (Illustrated)..... 224
Dairymen's Association of Ontario..... 31
Dairymen's Convention..... 9
Danger ahead—Winter wheat..... 171
Deep subsoil culture..... 219
Does feeding pigs pay?..... 30
Double the circulation..... 24
Drainage works..... 51
Drainage in the valley of the Thames 3
Draining—Is there any profit from it? Emigrants and Immigrants..... 123
Entomology—Birds and insects..... 219
Experiments with fertilizers..... 27
Excessive hay feeding..... 276
Fill up the ranks..... 171
Flax straw for feed..... 98
Free grant and other lands in Manitoba..... 53
Fringed dragon and Flying dragon..... 128
Farmers' Clubs..... 287
Grasshopper trap..... (Illustrated) 177
Ground bones as a fertilizer..... 220
Grumblers' wheat..... 49
Hard times for farmers..... 4
Hamilton or Central Exhibition..... 218
Hessian fly..... (Illustrated) 177
Hints to dairymen, 4, 29, 52, 75, 100, 125, 147.
Home industry..... 220
Horticulture at the Centennial Exhibition..... 222
Imports and exports of agricultural commodities..... 2
Injurious insects..... 170
Interior of Mr. McArthur's piggery. (Illustrated)..... 9
January, 1877..... 1
Large or small farms..... 195
Manitoba Provincial Agricultural and Industrial Society..... 64
Marketing produce..... 250
Meat production for foreign markets 250
Meat production for foreign markets, 275
Midland Central Fair..... 241
Milk Globules..... 230
Millet for soiling and hay..... 99
Mules on the farm—Reply to inquirer..... 76
Muskoka District Fall Show..... 241
New Brunswick..... 1

- One reason why farmers do not prosper..... 52
Onions—Their culture..... 75
Ontario Notes..... 5
Ontario..... 32
Ontario School of Agriculture..... 5
On the Wing, 121, 145, 169, 193, 219, 249
On farm gardens..... 197
Orchard Harness..... (Illustrated) 32
Our Correspondents' Department—
Flax..... 98
Our floral friends..... (Illustrated) 29
Packing fruit trees at St. James' Park Nurseries..... (Illustrated) 256
Paris green for potato bugs..... 171
Pinus Austrica, the Australian Pine (Illustrated)..... 80
Planting fruit trees..... 74
Potatoes..... (Illustrated) 81
Potato-bug catcher..... (Illustrated) 201
Potato-bug machine..... (Illustrated) 125
Prince Edward Island..... 5
Prize Jersey cattle..... 176
Planting forest trees..... 78
Progress of the draining season..... 173
Restoring the fertility of the worn-out farm..... 99
Review—Manitoba and the North-West Dominions..... 26
Rye for soiling..... 51
Salt as a fertilizer—What quantity to be applied..... 195
Scotch Commissioners in America on the Wheat Culture..... 147
Seeding clover..... 75
Seed wheat..... 5, 28
Settling in Manitoba..... 171
Shall we discontinue growing wheat? 27
Soiling cattle..... 98
Sowing rye for soiling..... 195
Spring crops—Oats..... 74
Spring crops—Peas..... 75
State of the crops..... 97
Straw as fodder..... 194
Surplus of capital..... 123
The Agricultural Investment and Savings Society..... 49
The Agr. Mutual Ass'n of Canada 52
The American dairymen..... 25
The Canadian Entomological Soc'y. 122
The Canadian winter port..... 3
The codling moth..... 148
The cultivation of out-door grapes 219
The Egyptian or Eldorado wheat..... 49
The Dominion Farmers' Clb. 276
The Farmers' Advocate 273
The farmers produce market..... 122
The fruit garden..... 50
The garden..... 28
The great shorthorn sale of 1877. 146, 197
The Hessian fly..... 240
The kitchen garden..... 125
The locust..... 196
The legislature of Massachusetts and the Agricultural College, 99
The month..... 25
The new Agricultural Act..... 28
The new forage plant..... 74
The Ontario School of Agriculture, 100
The orchard—wind belts or not..... 76
The potato bug on its march..... 74
The prospects for supply of food in the future 2
The Provincial Exhibition for 1877, 97, 217
The School of Agriculture 29
The shorthorn sale..... 123
The sowing of wheat 57
The tent caterpillar..... 147
The union churn..... 29
The wheat crop of 1876 & its lesson. 27
Thin or thin seeding..... 221
To a young orchardist..... 123
To correspondents 29
Township agricultural exhibitions. 250
Trade between Minnesota & Manitoba 27
Trials of Implements..... 124
Wheat crops, etc..... 196
AGRICULTURE—
Agriculture in the Holy Land..... 282
A Dominion Board of Agriculture.... 112
Agricultural education..... 39
“notes from Paris”..... 62
American agriculture—fertilizing soil. 63
An American opinion of Canadian agriculture..... 10
An Amherst farm..... 39
Another new plant—new and extraordinary..... 132

- Another trial of dynamite..... 203
Applying bone dust..... 204
A prize English farmer..... 226
Are there disease-resisting potatoes? 179
A wire worm..... 111
Buckwheat—its cultivation..... 132
Canadian Produce..... 283
Clover on Grass..... 284
Cabbage as a field crop..... 112
Canada thistles..... 202
Capacity of land for keeping stock. 203
Cheap and easy drainage..... 227
Cheese making versus the fertility of the soil..... 38
Clawson wheat and flour..... 258
Clover Hay..... 111
Clover—its value to the farmers..... 202
Co-operation in farming..... 11
Corn for soiling..... 111
Cremation in California..... 179
Crops in Michigan—Do varieties run out? .. 39
Cultivation of corn..... 112
Erin Farmers' Club..... 284
Flax vs. corn oats and wheat..... 283
Excess of humus in soil..... 203
Exhibition grounds..... 203
Fall plowing and drainage..... 258
Fancy farmers..... 179
Farmers' review..... 155
Farming in England..... 130
Farms are made enduring by keeping stock..... 155
Fence posts—top end down..... 179
Food value of beef..... 11
Foreign farm and stock notes..... 77
Foxtail and pigs..... 154
General items interesting to farmers. 132
Good times for the farmers..... 178
Grasses, clover and corn for soiling. 76
Great Britain—its diminished wheat growing..... 110
Green manuring..... 62
How to farm in Canada..... 259
How to save clover seed..... 203
Hungarian grass..... 130
Idle capital..... 154
Improvement of pastures..... 179
Indian corn culture..... 130
Inoculating arable land..... 11, 226
Items..... 132
Lime as a constituent of soils and plants..... 227
Liquid manure..... 110, 226
Make the farm rich..... 62
Maximum crops..... 155
Miscellaneous..... 204, 258
Muck on sandy soils..... 130, 178
New rules for the barley trade..... 227
No more land to sell..... 226
Oats for hay..... 178
Ontario Fruit Growers' annual meeting..... 260
Pasturing hogs on clover..... 38
Preservation of potatoes..... 228
Prize farms of the Royal Agricultural Society..... 131
Produce the best..... 77
Rape as a honey plant..... 112
Raw and cooked roots..... 261
Relative values of food..... 203
Remarkable fertilizers..... 284
Reports on various machines by committee of Royal Agricultural Soc'y. 38
Rotation of crops—clover..... 202
Roving farmers..... 227
Salt as a fertilizer..... 178
Salt as manure..... 77
Salt in Canada..... 111
Scientific agriculture in Germany..... 110
Seeds for next year's planting..... 259
Selecting seeds..... 77
Small farms..... 132
Sowing salt on wheat..... 110
Spare the quails..... 11
Systematic farming..... 154
The British crop reports..... 228
“corn crop of Illinois for 1876” 10
“Colorado potato bug”..... 112
“culture of chicory”..... 110
“farmer of the West”..... 204
“farmers of the West in their glory”..... 259
The food supply of Great Britain..... 63

- “golden millet”..... 115
“growing of roots in Canada”..... 10
“Hessian fly”..... 128
“mangel wurzel”..... 179
“position of the American farmer” 203
“potato starch industry”..... 202
“results of hoeing wheat”..... 226
“Royal Agricultural Society of England as reviewed by an American agriculturist”..... 76
The seventeen-year locusts..... 204
“wheat crops of Texas”..... 155
“trade of the west”..... 63
Tomato culture..... 131
Turfing lawns by inoculation..... 62
Underdraining with gravel..... 227
Western wheat crop..... 226
What is the most profitable..... 77
Wheat in the North-western States. 204
STOCK AND DAIRY—
A bull of the Longhorn Dishley breed..... 200
American beef in England..... 102
American Dairymen's Association of Ontario..... 30
American Shorthorn breeders' association..... 279
An English horse shoe..... 151
A new cattle plague in Illinois..... 278
Animal food in Great Britain..... 254
A slight let-back..... 175
Ayrshire cows..... 86
Balmoral farm, Lobo, the property of Mr. A. McArthur..... 8
Beans for horses..... 198
Bran for horses..... 174
Breeding a uniform type for cattle..... 198
Breeding instead of purchasing cows. 136
Butter in France 7
Canadian sheep in England..... 9
Canadian monthly cattle fairs..... 152
Care of ewes..... 255
Cattle food..... 102, 135
Caution to dairymen..... 152
Cheese product of 1876..... 7
Cheese..... 225
Convention of the International Association of Shorthorn Breeders. 6
Cow peas as a foreign plant..... 150
Cow-milking machine..... 198
Crushed oats..... 101
Dairy Association of Ontario..... 31, 56
Dairy and beef combined..... 55
Dairy convention..... 9
Different kinds of wool..... 198
Diseases of farm stock..... 174
Early maturity of beef..... 134
Exports from America to Europe..... 279
Fancy points of the Jersey cow..... 279
Fashion in breeding..... 8
Fat sheep for heavy fleece..... 7
Feed and breed of dairy cows..... 278
Feeding and care of stock..... 254
Feeding value of oats, beans, maize and bran..... 54
Foot rot in sheep..... 102
Garget in cows..... 136
Good fences essential for sheep husbandry..... 175
Grubs in the heads of sheep..... 198
Handle the colts..... 199
Horses and mules eating dirt..... 174
“in Europe”..... 55
“in England”..... 100
“in the States”..... 100
Horses' food..... 101
How I thoroughly break in horses..... 151
How often should cows be milked..... 31
How to cure ham and bacon..... 7
Important shipment of cattle and horses to England..... 101
In-and-odd breeding..... 231
Interior of McArthur's piggery..... 9
Is there any profit in shorthorn breeding..... 135
Judging wool..... 86
Jersey cattle..... 152
Keep the animals warm..... 255
Keep the lambs growing, etc..... 136
Kindness in milking..... 55
Length of the milking season..... 150
Let the horse be unblinded..... 199
Lung Power in horses..... 54
Liquid Excrement..... 254
Management of dairy stock..... 56
Mange in horses..... 151