

Pulse for fodder, grain and... 163
Pseudocacia, the Robbia... 173
Quarantine in the U. S., abolition of... 5
Queer dog, a... 36
Quince-jelly... 36
Rabi, Kohl... 86
Raising and fattening hogs... 3
Raw, selecting the... 158
Ranche companies... 195
" horses... 125
Rape S, 15, 10, 93, 94, 95, 120, 158, 165, 249
" cake... 95
Raspberries... 35, 97
Ration, the balance... 130, 190
" for fowls... 153
Rats... 129
Raymond Farmers' Club, St... 196
Raw meat for fowls... 169
Rearing calves, whey for... 193
Rearing calves on a dairy-farm... 76
Recalculations, the Rothamsted... 83
Recipes... 56, 78
Red-clover... 8, 88, 94, 96, 117, 150, 158
Refrigerators... 144
Refrigerating milk... 192
Relative sizes of sire and dam... 194
" values of beef and cheese... 88
Rennet... 105, 111, 125
Report of the Dominion Ag. chemist
Reports, the patent... 190, 230
Reporters at Exhibitions, incompetent... 85
Resolutions for 1897... 157
Results of fresh and of rotting dung... 157
Rhode-Island turkeys... 217
Ringing pigs... 159
Ripe or unripe grain?... 33
Ripening cream... 106, 192
Road-horse, the ideal... 151
Roads... 125
Rolling land... 185, 189
Roots and potatoes... 117
" and corn... 173
Root-grafted fruit trees... 201
Potatoes for sheep-farms, a... 95, 177
" of manures... 132
Rotation of crops... 177, 188, 210
Rothamsted experiments... 13, 34, 51, 72, 83, 103, 137, 173, 228
Rye... 163
Sainfoin... 147
Sales of apples in England... 155
Salting butter... 190
Saltpetre for turnip-milk... 148
Samples from Expt-farm... 157
Scraper for roads... 143
Science and agriculture... 84
Scientific farming... 187, 213
Scissors, egg... 37
Screech-owls, the... 175
Scotch cheese... 129
" shortbread... 90
Scotland, permanent grass in... 130
Season, the New-year... 138
Seeding... 183
Seed-barley... 150
Selection of seed... 212
Separator, a cream... 192
Separators... 192
Sheep-farming 15, 90, 92, 94, 95, 99, 130, 183, 195, 229
" on deserted farms... 15
" in the U. S... 15
" in the Rothamsted experiments... 103
Sheep barn, a new... 15
" value of... 196
" Shropshire... 196
" how to slaughter... 195
" what a "chilrer" is... 195
" in spring, treatment of... 183
" shearing and washing... 229
" in winter... 244
Shires and Clydesdales... 113
Shoeing, horses properly... 37
Shorthorns, why I like... 54
" dairy 69, 114, 118, 145, 148
Show, Montreal Chrysanthemum... 110
" the London dairy... 109
Shredding corn... 48
Signs of a lambing ewe... 90
Silage... 70, 125, 120
Single Judge, a... 95
Sire and dam, relative sizes of... 194
Skim-milk... 88, 190, 215
" (see "dairy")
Slag, basic... 77
Sleep well, how to... 36
Small mutton... 96
Soot... 7
Southdowns, American breeders of... 5, 189

Snow gate, a... 190
Soll for flax, the right... 147
Sources of humus... 84
Sow killing pigs... 18, 57
" brood... 18, 79
Sowing in spring... 183
" wheat... 184
" mangels... 86
" turnips on the flat... 9
" necessity of early... 112
Special competition... 27
Spontaneous firing of hay... 8
Spring, G. Moore on... 212
" preparation for roots etc., in 143, 184, 201
Stables... 40, 177, 188
Starch, potato... 157
State of the crops, Macfarlane on the... 23, 53, 73, 85
Steam fruit-drier... 172
Steer, cutting up a... 127
Sterilising milk... 106
Stimulants, nitrate of soda, etc., are not... 200
Stock, feeding... 127
Storage for fruit, etc., cold 23, 165, 169, 200
Storing roots... 31
Strawberries... 97
Straw as a food... 184
Stubbles, cleaning... 93
Studs... 151
Succulent fodder, apples are a... 104
Summer fallows... 239
Supplemental or catch crops... 163
Surplus fruit, disposal of... 201
Sulphate of ammonia... 7, 95
Superphosphate for swedes... 32, 95
Sussex beasts... 128
Swale meadow, a... 163
Swedes, superphosphate for... 32, 95
Swine, the health of... 158
" profits in... 158
" in spring, treatment of... 183
" in council, breeders of... 224
Syndicate, the farmers' 7, 30, 79, 178
Syrup, maple... 166
System of teaching farming in the United States... 197
Tapping maples... 166
Tares, or vetches... 146
Teams for farm-work, heavy... 48
Teat-cups for milking-machine... 89
Temper of the horse, the... 194
Temperature, runs of... 109
Temporary keys... 52
Tests, implement... 197
Test-book, an agricultural... 175
Thermometer, the dairy... 191
Thinning roots... 86
"Thistle" milking machine, the... 190
Thistles, how to kill... 164
Thoroughbred horses... 195
" stallions... 96
Tile-draining... 155
Tile-chaining... 155
Time required to fat fowls... 88
Timothy hay expensive food... 125
Tomatoes... 94, 172
Top-dressing meadows... 73, 98, 129
Tour in Huntingdon county... 225
Traces, the long... 16
Trade with Britain... 49
Training heifers... 115
Trappist Fathers' cheese... 8
Treatment of ferrets... 144
" of cows... 184
Trees, for planting, choosing 137, 222
Trotters... 151
Trotting-bred harness horses... 193
True doctrine of pure cheese, the... 8
Truth, a... 202
Tubers and roots... 177
Turkeys in Rhode-Island... 217
Turnip-fly, the... 9
" seed... 34
" flat culture of the... 9
" flavour in milk... 169
Turnips... 184
" water in... 113
Typical Wyandotte cock, a... 217
Uniform formula for spraying... 171
Utilisation surplus fruit... 171, 201
Utilise kitch waste for fowls... 151
Vaccination... 9
Value of sheep... 196
Values, feeding vs chemical... 88
Vegetables at the Exhibition, '96... 63
Vells, how to clean white... 176
Ventilation of cow-houses, etc... 115
Veterinary surgeons... 67
Vinegar from apples... 201, 223
Walsts, ladles... 201, 203

Walls, damp... 222
Washing and shearing sheep... 220
Water for milch-cows... 95
" in turnips... 118
Weaning lambs... 91
Weeds... 48, 163
Weights of cattle, judging... 39
Wheat, sowing spring... 183, 184
" crop, Lawes on the English... 95
" wire-worm, the... 132
When to cut grass... 114
White-cheese... 88
Why I like the shorthorns... 54
Window-boxes, earth for... 173
Windows open... 249
Wives, girls who make the best... 176
Winter apples, keeping... 137
" protection of bees in... 139
Wintering calves... 167
Wool-work... 138
Woolly taste in mutton... 114
Work, farm... 10, 31, 54, 70, 183
Worm, the army... 30
Worm's work, the earth... 85
Yorkshire pigs... 70
Zealand, crops in New... 113
SHEEP
Sheep-farming, rape, etc... 15
Sheep on deserted farms in U. S... 15
Lamb-crop in Australia... 15
Lustré-wool... 15
Sheep in the U. S... 15
Summer food for... 15
New barn for... 15
Canadian mutton... 15
Lambing of ewes, etc... 90
Sheep-raising, advantages of... 92
Twins, lamb... 92
Death in the sheep-pen... 92
Sheep in Ohio... 99
" Rothamsted expts. on... 105, 137
Southdowns... 139
Gibson on winter-quarters for... 158
Hampshire-downs... 158
Prices at the Queens sale of... 158
Hints for lambing time... 229
Washing and shearing... 229
Questions on sheep-farming... 229
Sheep-feeding... 244
In-lamb ewes in winter... 244
CATTLE
Ayrshire cow, 100 points of the... 16
Guernsey cow, a... 33
Calves... 34
General purpose cattle... 45
Feeding milch-cows... 46
" cattle... 48
Why I like Shorthorns... 54
Ayrshires in P. Q... 55
Cattle at Ex... 63
Dairy-shorthorns... 69, 117, 123, 167
Devons at home... 75
Rearing stock on a dairy-farm... 76
" calves... 76, 167
Water for dairy-cows... 99
Cow-stables... 106, 112, 115
Feeding cows... 115
Crosses-Ayrshires Jerseys, etc... 114
Cows, dehorning... 112
Ties not wanted for cows... 116
Care of cows... 106
Cutting up a steer... 127
Stock, feeding... 127
Sussex breed... 128
Dehorning cattle... 136
Milking shorthorns... 138, 145, 146
Milch-cows, Bouthillier on... 145
Pleuro-pneumonia... 159
Improvement of live-stock... 168
Cows in May, care of... 209
Calves in May, care of... 210
Cow, points of the... 252
" at grass, the... 253
Imports of Ayrshires... 253
HORSES
Bouthillier on... 14, 25, 125, 251
Shoeing horses properly... 37, 126
Bouthillier on the Hackney... 47
Horses at the Ex. of '96... 64
Life of a London Bus-horse... 68
The Hackney... 68
Profit in breeding saddle... 96
Dr Couture on improving our horses... 95
Bouthillier on the horse in Quebec... 97
" on the Eng. horse-market... 118
Bouthillier on the old Eng. cart-horse... 118

Gilbert on the coach-horse... 151
Clipping horses... 151
The ideal road-horse!... 151
The pre-historic horse... 176
Trotting-bred harness horses... 193
Clipping horses... 194
Making the horse safe... 194
Relative size of sire and dam... 210
" ... 210
Education of the... 251
In ancient history... 252
DAIRY
Milk and lucerne... 8
Butter vs. cod-liver oil... 8
Points of Ayrshire cows... 16
Expts at Ont. Coll... 16
Separator cream, treatment of... 17
Points in cow keeping... 17
Profitable? Is dairying... 17
Making Cheddar-cheese... 29
Danish dairying... 32
London dairy-show... 33
Brewer's grains... 33
Milk diet in typhoid fever... 36
Comp. of dairy products... 44
Notes by analyst... 44
General purpose cows... 45
Feeding milch-cows... 46
Why I like shorthorns... 54
Ayrshire cattle in P. Q... 55
Parry on butter, Weston... 66
Abbé Choquette on cheese competition... 66
Report on the last Prov. competition of dairy-products... 66
Dairy-shorthorns... 69
Glos'ter cheese... 70
Rearing calves... 76
Our dairy-trade... 88
Americus on cheese... 88
Feeding vs. chemical values... 88
Fleischman on dairying... 89
A new milking machine... 89
Milk production and profits... 89
Stilton-cheese, W. R. Gilbert on... 104
Cheddar-cheese... 105
Butter-making, Mr. Marvin Bark on... 105
" Cooperative... 106
A lesson for dairymen... 107
Do your cows pay their board?... 107
Milk and butter results at London Dairy-show... 108
The London dairy-show, 1896... 108
Cold storage... 108
Devonshire cream... 110
Canadian butter... 110
Canadian export of butter... 110
Butter and cheese men... 110
Dairy-shorthorns... 114, 118, 123
Milking machine... 118
New shaped cheese... 125
London dairy-show, the... 123
Milk preservation... 124
Butter making... 124
Rennet... 125
Scotch cheese... 129
Butter-colour... 129
Prices of Eng. cheese... 129
" Dutch... 129
Stockwell on "Milking shorthorns"... 133
Premium on export butter... 144, 145
Cure of milk-fever... 146
Dairy-shorthorns... 146
Milk-producing crops... 146
Flax-growing... 147
Saltpetre for turnip-fed milk... 148
Cold-storage for creameries... 169
The last drop... 169
Lancaster Farmers' Inst... 169
Fodder cheese... 170
Milk-fever... 170
Milk and cheese yield... 170
The balanced ration... 190
Skim-milk... 190, 215
Too much protein... 190
"Thistle" milking machine... 190
Irish creameries... 190
Care of milk, Weston Parry on the... 191
Furlington Dairy-school, the... 192
A dairy of Holsteins... 193
Am I dairying at a profit or a loss?... 214
Resolutions for 1897... 215
Dairying and bacon... 240
June work of makers... 241
A model... 243
Milking by machinery... 243
MANURES
Sulphate of ammonia... 7, 35
Superphosphate for swedes... 32, 95
Prices of artificial... 33
Ploughing in green crops... 54
Packing-house fertilisers... 58
Nitrogen for mangels... 68