

EDITORIAL—

Absence from exhibitions of breeds of cattle . . . . . 250  
 A bull of the Longhorn Dishley breed . . . . . 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 . . . . . 123  
 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? . . . . . 219  
 Emigrants and Immigrants . . . . . 123  
 Entomology—Birds and insects . . . . . 27  
 Experiments with fertilizers . . . . . 276  
 Excessive hay feeding . . . . . 171  
 Fill up the ranks . . . . . 98  
 Flax straw for feed . . . . . 53  
 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 . . . . . 220  
 Home industry . . . . . 222  
 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 . . . . . 250  
 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 . . . . . 197  
 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 Austriaca, 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' Club . . . . . 276  
 The Farmers' Advocate . . . . . 273  
 The farmers produce market . . . . . 122  
 The fruit garden . . . . . 50  
 The garden . . . . . 28  
 The great shorthorn sale of 1877 . . . . . 140, 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 . . . . . 125  
 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  
 Thick 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 . . . . . 132  
 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 . . . . . 112  
 " growing of roots in Canada . . . . . 112  
 " Hessian fly . . . . . 177  
 " mangel wurzel . . . . . 177  
 " 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 . . . . . 9  
 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 . . . . . 154  
 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 . . . . . 57  
 " in England . . . . . 100  
 " in the States . . . . . 101  
 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-in 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

gie, or Poland Ch  
 sales in pigs . . . . .  
 collaneous parag  
 llaneous for th  
 llaneous parag  
 globules . . . . .  
 thorough-bre  
 la . . . . .  
 food for horses  
 facts about b  
 sity and show  
 cake for milch  
 a cow a mine of  
 a million milk  
 ar reaching . . . . .  
 portable pig-pen . . . . .  
 ctatoes for horse  
 practical views of  
 servation of gr  
 ze Jersey cattle  
 section from fl  
 so good cattle . . . . .  
 id cooling of m  
 e of Hereford  
 e of Shorthorn  
 ngland . . . . .  
 ep husbandry  
 ep farming . . . . .  
 ep farming in  
 sep, the mains  
 pment of cattl  
 orthorns for th  
 opshires . . . . .  
 ling cattle . . . . .  
 e shoulders in  
 mmer butter f  
 swimming a hor  
 e cattl plague  
 Carriage ho  
 Constructio  
 Dairy intere  
 Duke of Cu  
 Elmira farm  
 Export of  
 land . . . . .  
 Governmen  
 Horse . . . . .  
 Horse plag  
 Longhorns  
 e London Sto  
 Canadian Sho  
 he Ontario b  
 Shorthorns . . . . .  
 ie Fig . . . . .  
 ie Shorthorns  
 Torture of  
 Wool trad  
 ough vs. c  
 aining colts  
 ue standard  
 ae Kerby (E  
 ne London (E  
 ariety of diet  
 alue of cattl  
 ussian horses  
 What constit  
 Shorthorn  
 hat horses s  
 heat-bran fo  
 weeding the f  
 words to bree  
 ARDEN, OI  
 sorbents in  
 new way of  
 e culture  
 e gating  
 edly for  
 nichokes . . . . .  
 small herb  
 ck and wh  
 dding fruit  
 re of orcha  
 estnut play  
 al ashes in  
 tivate the  
 elamen Per  
 ad shot for  
 ruction a  
 acts of sm  
 glish roses  
 quette of  
 ergreens in  
 ergreens in  
 periment i  
 sitting . . . . .  
 m garden  
 trees and  
 owering hy