FARMER'S ADVOCATE AND HOME MAGAZINE

OLUMB XXIX.

A bit of dairy help	Central Institute bulletin
A Teachers' Institute	of 45 Dairy Association 46 Dairy meeting 46 Dairy instructions 174 Dairy, three hundred pound 184 Death of Mr. Wm Russell 104 Death of Mr. John Hope, of Bow Park 23 Dentition and dental disease of farm animals 303, 284, 264, 48 Diagnosis of tuberculosis in cattle, the 25
A successful method of gardening in the West	Directions for salting hides
Birds, the effect of continuous showing	Easter veals
Calgary Summer Fair	Fall fairs

Flower garden, the—Preparing for fall			The state of the s
Fooder corns-bred and pure-bred. 25 Fowler, cross-bred and pure-bred. 25 Freit, forces and ornamental trees in the Northwest. 175 Freit, forces and ornamental trees in the Northwest. 175 Freit, forces and ornamental trees in the Northwest. 175 Freit, forces and ornamental trees in the Northwest. 175 Greening young stock. 649 Geology, popular . 431 Grant to agriculture. 235 Grand old man of Sittyton, the. 459 Freit, forces and ornamental trees of the Northwest of Great old man of Sittyton, the. 459 Freit, forces and ornamental trees of Great old man of Sittyton, the. 459 Hay be seen on Sittyton old man of Sittyton, the Manifold old m	5	Flower garden, the—Preparing	Mr. Lynch replies to Mr. Elder 45
Trees in the Northwest. 175 Farmer's Advocate appreciated. 87 Feeding young stock. 487 Feeding young stock. 487 Geess. 185, 44 Geess. 185, 44 Grant to agriculture. 324 Grant of agriculture. 325 Grand old man of Sittyton, the. 489 Grand Faloner, the thorough- grand faloner, 175 Gryeline, a new insecticide. 329 Goophers. 317 Gypine, a new insecticide. 329 Hard times, their cause and cure. 326 Hard thore, their cause and cure. 326 Hard thore, their cause and cure. 326 Hard thore the cause and cure. 327 Hard regulations. 328 Hogs that are hogs. 384, 411 Home made stacker, a. 322 Honey, selling. 489 Horse breeding in Manitoba, profitable 178, 301, 37 Horse breading in Manitoba, profitable 178, 301, 37 Horse breading in Manitoba, profitable 178, 301, 37 Horse breeding in Manitoba, profitable 178, 301, 37 Horse breeding in Manitoba, profitable 189 Horse breeding in Manitoba, profitable 389, 302, 326 How to build a cheap ice-house, 64 Honey as a food. 49 Honey as a food. 49 Honey as a food. 49 Honey as food. 4	5	Fodder corn 67 Fowls, cross-bred and pure-bred. 28 Freeman's potato contest. 182 From Ontario to Manitoba. 239	Mr. W. S. Hawkshaw's Shrop- shires
Grant to agriculture. 43.83 Grant of agriculture. 43.83 Grant of agriculture. 43.83 Grant Falconer, the thorough brod stallion	5 0 7 0	trees in the Northwest175 Farmer's Advocate appreciated487	Mr. E. D. Tilson's new barns49 Manitoba Poultry Association49 Miscellaneous49
Gleanings from poultry essays 330 Gleani	7 5 0 7 5 3 0	Geology, popular Grant to agriculture	Association. 32 National League for good roads21 Necessity of good tillage. 16 Need of a dairy superintendent.
Gypsine, a new insecticide. Systems of the control	3	in Alberta Gleanings from poultry essays431 Glenboro fair	No "Pleuro" here—A vigorous protest
Hard times, their cause and cure. 244 has whest-growing been profit. Hard times, their causes and cure. 245 halled. 301 her scaling eage, to prevent. 377 her scaling eage, to prevent. 378 her scaling eage, to prevent. 379 highland Society's Show, the 10gs again, leaner. 1.53 hog-raising, from the producer's standpoint. 201 highland Society's Show, the 10gs, the improved large York. 398 hogs that are hogs. 364, 411 hogs, half-fat. 402 hope of the wheat country, the. 173 horn fly, the. 259 horse, the general purpose. 46 horse breeding in Manitoba. 379 horse, the general purpose. 46 horse breeding in Manitoba. 371 horn fly, the. 383, 392, 259 how to build a sale. 393 how to build a sele. 394 how build a sele. 394 how build a sele. 394 how benefit from a farmer's standpoint. 363, 392, 259 how to build a sele. 394 how benefit from a farmer's standpoint. 363, 392, 259 how to build a sele. 394 how persons of moderate means an establish a money making dairy herd. 468 how to build a sele. 394 how persons of moderate means the selection of the farmer and selection of the farmer selections, our. 252 huse trained in the fact of the selection of the farmer selections of the farmer selections of the farmer selections. 395 hours, timely notes for 201 hours and selection of the farmer selection o	7	Gypsine, a new insecticide326	Noxious weeds, essays on243
Hogs again, leaner. 158 Hogs raining, from the producer's standpoint. 258 Hogs the improved large York. 259 Hogs that are hogs. 254 Horse bread stacker, a. 222 Honey, selling. 368 Horse breeding in Manitoba. 412 Horses the general purpose. 45 Horse breeding from a farmer's profitable. 178, 291, 367 How to build a cheap lee-house. 49 How be build a cheap lee-house. 49 How be build a cheap lee-house. 49 How be build a cheap lee-house. 49 How persons of moderate means can establish a money-making dairy herd. 458 Ideasculled from Sheep Breeders' Annual Report, 1893. 7, 113 Illinois Sheep Breeders' Association. 258 Institutes and the statistics in the Tentries. 159 Institutes work in Manitoba. 4112 Indian Head Experimental Farm Report. 25, 21, 202, 202, 203, 203, 203, 203, 203, 203		Hard times, their cause and cure242 Has wheat-growing been profitable?	Uctober, timely notes for 409, 383
shire Hogs that are hogs. 3.84, 411 Hogs, half-fat. 429 Home-made stacker, a. 229 Honey, selling. 348 Hope of the wheat country, the. 1.75 Horn fly, the. 2.95 Horse, the general purpose. 2.96 Horse, the general purpose. 2.96 Horse, the general purpose. 2.97 Horse bean in Manitoba. 4.13 Horses' shoulders, care of 348 Horse breeding from a farmer's standpoint. 388, 302, 259 How to build a silo. 2.19 Honey as a food. 4.19 How to build a silo. 2.19 Honey as a food. 4.19 How to build a silo. 2.19 Honey as a food. 4.19 Horse, the moderate means an establish a money-making, dairy herd from Sheep Breeders' Annual Report, 1883. 7, 11 Hinois Sheep Breeders' Associations, our. 2.86 Hugstrations, our. 2.87 Hustrations, our. 2.87 Hustrations, our. 2.88 Impressions from a visit to the institutes. 1.12 Indian Head Experimental Farm Report. 1.18 Lacia and butter tubs. 2.19 J. A. S. Macmillan's Shropshire sheep 3.25 June, timely notes for. 2.21 June timely notes for. 2.22 Judges and judging 3.33 June, timely notes for. 2.22 June, timely notes for. 2.22 Kerosene and animal parasites. 1.29 Knight of the Valc. 1.62 Leguminous plants 2.24 Local travelling dairies, the. 2.34 Mary, timely notes for. 2.90 Mary timely notes for. 2.91 Mary timely notes for. 2.92 Manitoba Contral Institute Convention of the farmer 1.62 Leguminous plants 2.24 Local travelling dairies, the. 2.33 Manitoba Contral Institute Convention of the farmer 1.62 Mary, timely notes for. 2.90 Manitoba Contral Institute Convention of the farmer 2.42 Manitoba Contral Institute Convention 2.43 Manitoba Poultry Association 30 Manitoba Poultry Association 31 Manitoba Poultry Association 31 Manitoba Poultry Association 31 Manitoba Poultry Association 31 Manitoba Poultry Show 68, 127 Manitoba Poultry Association 31 Manitoba Poultry Association 31 Manitoba Poultry Show 68, 127 Manitoba Poultry Association 31		Hogs again, leaner	Our common schools and farmers 239, 223 Our illustrations
Horse, the general purpose. Horse breeding in Manitoba. Pigs pen swinging front to. profitable in Manitoba. A 12 Horse breeding in Manitoba. A 12 Horse breeding in Agnationa. Standpoint. Standp		## Shire ## 339 Hogs that are hogs ## 364, 411 Hogs, half-fat ## 426 Home-made stacker, a ## 239	Ontario Veterinary College 150, 281 Our extra illustration 489
Horse bean in Manitoba		Horse breeding in Manitoba, profitable178, 201, 367	Pigs, are they profitable in Mani-
Honey as a food 19		Horse bean in Manitoba	Pigs, raising from six months old. 180 Pilot Mound beef
Ideas culled from Sheep Breeders' Annual Report, 1833 7, 113 Illinois Sheep Breeders' Association 926 Illustrations, our. 298 Impressions from a visit to the institutes 112 Indian Head Experimental Farm Report. 5 Institutes, the 3, 24, 15, 221, 202, 90, 101 Institutes in the Territories 4 46, 176, 151, 128 Institute work in Manitoba 410 Institutes in the Territories 4 410 Institutes		Honey as a food	Pointers 9 Pointers in poultry feeding 9 Pointers in raising pigs 240 Pork, the outlook for 153 Popular geology 155 Polled Durhams 260
Institutes 112		Ideas culled from Sheep Breeders' Annual Report, 18937, 113 Illinois Sheep Breeders' Association	Poultry raising from another farmer's standpoint
Institute work in Manitoba		institutes	Poultry Commissioner for Can- ada 83 Poultry, number 83 Poultry keeping as a business 246
Potatoes. 181, 412, 182 State Prairie fires. 8, 46 Prairie fires, a terrible view. 367 January, timely notes for 2, 22 Judges and judging 338 Judging fruit by points. 298 July, timely notes for 261, 283 June, timely notes for 221, 238 Kerosene and animal parasites. 129 Knight of the Vale. 162 Knight of the Vale. 162 Keislation needed. 66 Legislation needed. 66 Legislation of the farmer 162 Legal, 13, 28, 48, 131, 88, 156, 163, 452 Leguminous plants. 224 Local travelling dairies, the. 233 Manitoba crops 218 Manitoba veterinary Association 327 Mik, sterilization of 112 Millet growing 203 Mission City Fair 429 Misinterpretation 184 Mixed farming 156 Mixed fa		Institute work in Manitoba. 410 Institutes in the Territories. 4 Injurious insects. 158 Irrigation. 326	Poultry house ventilation and feeding time
Kerosene and animal parasites. 129 Knight of the Vale. 162 Knight of the Vale. 163 Kactic and butter tubs. 70 Legislation needed. 66 Legislation needed. 66 Legislation of the farmer 162 Legal, 13, 28, 48, 131, 88, 156, 163, 432 Leguminous plants. 224 Local travelling dairies, the 283 May, timely notes for 200, 174 March, timely notes for 89, 162 Mammoth cheese again heard from 224 Manitoba condition and outlook 47 Manitoba crops 218 Manitoba crops 218 Manitoba crop reports. 24, 239 Manitoba crop reports. 24, 239 Manitoba Poultry Association 327 Manitoba Poultry Association 327 Manitoba Poultry Association 327 Manitoba Poultry Show 68, 127 Milk, sterilization of 112 Millet growing 203 Mission City Fair 429 Misinterpretation 184 Mixed farming 156 Kried farmer that 128 Kaptendry Frogress of tariff reform 1513 President Mills on relation of 486 Poultry-house building and heating — 484 Cuestion sand answers. 8, 493 Questions for factorymen 163 Rape 67, 218 Rape 67, 218 Rape 67, 218 Rations for pork productions. 449 Russian thistle 49 Russian thistle 49 Russian thistle 49 Russian thistle 429 Russian wheat fields, the 278 Retrospective and Prospective 486 Saskatoon Agricultural Society 89 Saska		sheep	Potatoes
Lactic and butter tubs. 70 Legislation needed 6 Legislation of the farmer 162 Legal, 13, 28, 48, 131, 88, 156, 163, 432 Leguminous plants 224 Local travelling dairies, the 283 May, timely notes for 200, 174 March, timely notes for 89, 162 Mammoth cheese again heard from 224 Manitoba's condition and outlook 47 Manitoba crops 218 Manitoba crops 218 Manitoba condition and outlook 47 Manitoba Central Institute Convention 301 Manitoba Poultry Association 327 Manitoba Veterinary Associatin 83 Manitoba butter cow 69, 175 Manitoba Poultry Show 68, 127 Milk, sterilization of 112 Millet growing 203 Mission City Fair 429 Misinterpretation 184 Mixed farming 156 Mixed farming 158 Mixed farming 158 Miscon City Fair 429 Mixed farming 158 Mixed farmer 162 Millet grower that 128 Mixed farmer 162 Millet grower that 128 Mixed farmer 162 Mixed farmer 162 Millet grower that 128 Mixed farmer 162 Muscan farmer 162 Mixed farmer 163 Manitoba 244 Mixed farmer 162 Mixed farmer 163 Manitoba 244 Mixed farmer 163 Mixed far			Prof. Wallace's report
Leguminous plants. 224 Local travelling dairies, the 283 May, timely notes for 200, 174 March, timely notes for 89, 162 Mammoth cheese again heard from 224 Manitoba's condition and outlook 47 Manitoba crops 218 Manitoba crop reports 24, 239 Manitoba Central Institute Convention 301 Manitoba Poultry Association 327 Manitoba Poultry Association 327 Manitoba Veterinary Association 327 Manitoba butter cow 69, 175 Manitoba Poultry Show. 68, 127 Milk, sterilization of 112 Millet growing 203 Mission City Fair 429 Misinterpretation 184 Mixed farming 156 May, timely notes for 200, 174 Rape 67, 218 Rations for pork productions 449 Rations for pork productions 45, 318, 389, 399 Russell Agricultural Society 429 Russell Agric		Legislation needed	Poultry-house building and heat- ing494
May, timely notes for 200, 174 March, timely notes for 89, 162 Mammoth cheese again heard from 224 Manitoba's condition and outlook 47 Manitoba crops 218 Manitoba crops 218 Manitoba Central Institute Convention 301 Manitoba Poultry Association 327 Manitoba butter cow. 69, 175 Manitoba Poultry Show 68, 127 Milk, sterilization of 112 Millet growing 203 Mission City Fair 429 Misnitorpretation 184 Mixed farming 156 Mixed farming 156 Manitoba 203 Mission City Fair 429 Mixed farming 156 Mixed farming 156 Mixed farmer that 128 Mixed farmer that 129 Mi		Leguminous plants	Questions for factorymen 163
Manitoba, the situation in 302 Manitoba Veterinary Associat'n 83 Manitoba butter cow 69, 175 Manitoba Poultry Show 68, 127 Milk, sterilization of 112 Millet growing 203 Mission City Fair 429 Misinterpretation 184 Mixed farming 156 Mixed farming 158 Mixed farming 128 Mixed farming 128 Mixed farmer that 128		March, timely notes for 89, 162 Mammoth cheese again heard from	Rape. 67, 218 Rations for pork productions. 449 Random notes 387 Rotation for Manitoba 67 Royal Show of England 280 Russian thistle 43, 318, 390, 369 Russell Agricultural Society 429 Russian wheat fields, the 278
		Manitoba, the situation in	Seed wheat fraud 448 Seasonable hints. 124 Seed and seeding. 134 Separator controversy, the. 184 Seed grain 162 September, timely notes for. 339 Silo, as adapted to Manitoba. 226 Silo, a successful 161

C.	
Sept for a pure share	
Mrs. Tilson	7 2 1 2 3
No "Pleuro" here—A vigorous protest	
Dak Lodge Yorkshires 126 Dak Grove Jerseys 279 October, timely notes for 409, 383 Our Scottish letter 6, 28, 365, 129,178 163, 220, 300, 453, 411, 325, 488 Our prize essays 104 Our common schools and farmers 239, 223 Our illustrations 406, 446, 487 Our prize portrait page 196 Ontario Veterinary College 150, 281 Our extra illustration 489	
tatrons of Manitoba	
olled Durhams	
nestion sand answers	1
skatoon Agricultural Society. 89 ed wheat fraud	

Swine, management for profits. 387
Swine. 387
System in management of breeding stude of draught horses in
Scotland. 452, 490
Soil exhaustion and the restoration of fertility. 492 Temperature in milk production 431
Eesting seed grain 64
Test your seeds. 164
That mixed farmer again 205
Thatched roofs 283
The situation as to home breeding 291 The situation as to home breeding 221
Toronto Industrial Exhibition,
the 389
Toronto cheese awards 413
Tomatoes, ripening 342
Tomatoes, a few hints 150
Travelling dairy work 222
Tree planting, 181
Turks in midsummer, the 304
Turkey raising 87 Turkey in midsummer, the 304
Turkey raising 57
Turkeys roosting in trees 183
Turkey culture 246
Tuberculosis at Experimental
Farm, Brandon 319
Tuberculosis in dairy herd at
Agricultural College, Guelph 23
Tuberculosis in Wisconsin 240
Tuberculosis, a lesson from 154
Tuberculosis 314
Tuberculosis 314 Utility vs. fancy...... 10 Veterinary . 245, 130, 224, 183, 163, 263, 182, 451, 432, 409, 390, 360, 347, 48, 88, 204, 156, 63, 324, 493 STOCK GOSSIP. Pages—33, 34, 35, 53, 54, 74, 75, 92, 117, 118, 140, 164, 165, 188, 189, 211, 212, 233, 234, 235, 268, 269, 286, 290, 293, 295, 309, 311, 315, 331, 332, 335, 357, 358, 359, 375, 379, 397, 399, 400, 402, 419, 423, 438, 439, 443, 457, 463, 481, 483, 499, 500, 504

NOTICES.

Pages-14, 33, 54, 74, 75, 78, 91, 92, 118, 140, 164, 190, 209, 211, 233, 235, 209, 273, 293, 309, 352, 358, 374, 375, 396, 399 400, 419, 438, 439, 459, 600, 501