

FARMER'S ADVOCATE

AND HOME MAGAZINE.

VOLUME XX.

WM. WELD, Editor and Proprietor,

LONDON, ONTARIO.

EDITORIAL.

A
Agricultural progress, 96;
Agriculture & Arts Association, 98; Agricultural elephant in New Brunswick, 100; Agricultural exhibitions, 322.

B
Bribery and corruption under the Agriculture and Arts Act, 4; Buckland, George, the late, 4; Breeds, "dairy" tests of at the Industrial, 97.

C
Council meeting of the Agriculture and Arts Association, 2; Caution, 259; Cattle, stabling for, 324; Canadian Fat Stock Exhibition, 355; Canadian herd books, 356.

D
Disbelieving facts and figures, 67; Drainage observations, 68; Dominion and Provincial Exhibition.

E
Exhibitions, 163; Exhibition, the Provincial, 163; Exhibitions, 253; Exhibition grounds, the London, 258.

F
Fat stock shows, moral of, 2; Farmers' institutes, 34; Fat stock shows, Christmas, 4; Fruits as food and medicine, 259; Farmer, stockman and speculator, 298; Farmers and amateur fruit growers, notice to; Farmers' Advocate for 1885, 354.

G
Governor-General and our agricultural exhibitions, 163; Government expenditure for agricultural purposes, 323.

H
High vs. low prices, 227; Hog cholera.

L
Light, truth and justice, 36; Laborers vs. machinery, 163.

M
Manure, How to save, 3; Manure, How to save, 35; Manure, How to save, 67; Manure, How to save, 98; Manure, Application of, 130.

O
On the wing, 4, 36, 66, 93, 130, 160, 194, 226, 258, 354; Our Northwest, 260; On the wing, 290, 322.

P
Political farming and dairying by the Dominion Government, 259.

R
Roots, the value of, 131.

S
Straw, value of, 35; Seeds and seeding, 99; "Scrub" question, commentators on, 260; Stock, winter warmth, 334.

T
Timothy, cutting in the "second blossom," 163. To farmers' sons, 294.

W
Wheat chess question again, 34; Wait a little longer, 97.

THE FARM.

A
Adaptability, 41; Are the market prices an index to the nutritive value of foods? Wheat for stock, 43; Agricultural depression in Britain,

327; Agricultural education, 69; Agricultural expenditures, our essayists on, 358; Agricultural farce at Washington, 358.

B
Business farming, 229; Bran and flour, 230.

C
Corners and monopolies, 12; Cheap drainage level, 106; Corn, its value and culture, 141; Cement for special purposes, 167; Corn vs. ensilage, 204; Cheat hit chat, 230; Care of the cellar, 296.

D
Destroying quack grass, 230; Deep vs. shallow plowing, 235.

E
English experiments with fertilizers, 205.

F
Fine acre farm, 232; Fall threshing, 231; Farm drainage, 261; Fall wheat, 261; Farm drainage, 294, 326, 357.

G
Gentlemen farmers, their influence for good and evil, 203.

H
How agricultural exhibitions should be managed, 42; How a corner is worked, 44; H. S. Losee's system of farming, 103; Horses, useful and profitable breeds, 140; Hard times, 202; How weeds multiply, 203; How to destroy grasshoppers, 261; Hog cholera, treatment, 328.

I
In the hay field, 166.

L
Laying underdrains in winter, 359; Look for ergot in your grasses, 168; Low price for farm produce, cheese and meat, 202.

M
Milk and eggs as food, 204.

P
Permanent pasture No. I., 41; No. II., 74; No. III., 105.

R
Remedy for weevils, 359; Reducing bones; farmers' methods, 74; Raising roots, 141; Rust and smut, 204; Road machine, 229.

S
Salt: Its use and abuse, 37; Should you grow crops that are hard on the soil? 141; Sheep and wool, 231; Spring wheat rust, 262.

T
Tricks with potatoes, 105; Threshing machines, 205.

V
Value of cisterns—How to make a cheap one, 205; Valuation of farm products according to their chemical composition, 328; Value of "Goose" wheat, 357.

W
Wheat, cost of raising, 12; Wheat-Chess question again, 74; What is agriculture? 132; Weeds! Weeds!! 167; When should hay be cut? 169; Who's your miller: old vs "new process," 230.

FARMERS' CLUBS.

M
Middlesex Agricultural Council, 228, 325.

O
Our \$100 offer—Organization of a farmers' club, 195.

P
Prospects of the Middlesex Agricultural Council, 325.

DAIRY.

B
Breeding for the dairy, 135; Butter, best method of making, 196; Butter for export, 70, 102; Butter making, 103; Butter, fraudulent, 366.

C
Cheese making, 134; Creamery, as we find it, 134.

D
Dairy profits, 11; Dairymen's convention, 33; Dairy instruments, 102; Dairy products at annual fairs, 293; Dairy barn, best in the Dom., 71; Dairying, centrifugal, 197; Danish butter—Canadian, 197; Dairying, centrifugal, 197; Dairy cows, mistakes in judging, 41; Drying off and milking before calving, 367.

H
How the Danes improve their dairy herds, 10; How to improve your butter, 133; How to milk, 198; How "records" are produced, 198.

L
Lynch defends himself, 299.

M
Model creamery, 297; Making good butter under bad conditions, 366.

N
New creamery can, 113.

P
Preserving butter, 267; Private vs. Government enterprise in the creamery business, 297; Private dairying, redeeming feature, 335.

Q
Questions for consideration, 10.

S
Skim milk for human food—milk for infants, 367.

T
Those butter tests again, 366.

W
Winter dairying, 11; Wife-killing arrangements, 165; Why salt shows on butter, 198; What the Government is doing for our butter industry, 234; Why the butter doesn't come, 297; Working butter, new method, 120.

PRIZE ESSAYS.

The future management of agricultural exhibitions, 7; How can the "Farmer's Advocate" best expend \$100 annually in the farmer's interests, 69; How best to raise the standard of our butter, 101; How can greater confidence be best secured amongst dairymen, patrons and dealers, 133; How should the farmer proceed to improve his dairy herd (1) for butter (2) for cheese, 165; Small fruit culture as an occupation for women, 195; Women in the dairy, 235; How should farmers spend their evenings, 232; How can

the Middlesex Agricultural Council utilize an experimental ground for the best interests of the farmer, 296; The advantages and disadvantages of the proposed Model Farm for the Dominion, 333; How can public expenditures for agricultural purposes be turned to the best interest of the farmers, 362.

STOCK.

A
Adjusting stanchion, 137; Animal disease, 199; Advantages of an independent agricultural journal, 331.

B
Breeding sow, don't neglect, 104.

C
Cooking and grinding food for stock, 363; Chatty letter from the States, 6, 37, 68, 101, 132, 163, 199, 233, 264, 300, 328, 338; Cattle food, a new, 8; Calves, modes of raising, 77; Cows, testing for butter; Contagious disease law, 235; Chicago fat stock show, 363.

D
Dairy products and growth, 329.

E
"Early Maturity" mania, 6; Excessive fattening animals, what is gained, 78; Ensilage in England, 200.

F
Food in relation to farmyard manure, 137; Feeding for meat, 329.

G
General purpose cow, an apology for, 304.

H
Holsteins vs. Jerseys, as milk and butter producers; Horses, what should you breed, 136; Hogs, skim vs. buttermilk, 136; How to judge judges.

I
Illustration, 264; Indian leases, 264; Inflammatory pork, 265; Increased lean meat in pigs, 331.

L
Live stock plagues, 164.

M
Model farm experiments, 265.

N
Native best, breed up, 136.

P
Pigs and their breeds, 9.

S
Sheep, winter management, 3; Stallion, a rood and carriage, 104; Scrub cow, lament of, 37; Swine, green food, 201; Scrub war, prepare for; Shows, preparing for; Sweepstake, herd of Polled Angus, 331.

U
Unshod horses, 233.

W
Working horses, wintering, 365.

GARDEN AND ORCHARD.

A
Apples, best varieties, 73; Apples, gathering and marketing, 236; Apple trees, planting, 138; Amateur fruit growers, papers for, 360; Apples as food for stock, 360.

C
Care of trees and plants in transplanting, 138; Cabbage seed, 46.

E
Evaporating fruit, 236.

F
Flowering shrubs, planting, 138.

G
Graft, how and when, 108.

H
How floriculture was introduced into a country school, 14; How to can fruit, 268.

K
Keeping grapes fresh, 268; Keeping vegetables, 232.

M
Mulching, 332.

N
New potato, 13; Nuts, planting, 360.

O
Our native evergreens, 45; One of the commission kind, 46; Our native evergreens, 71.

P
Potato scab, 173.

R
Raspberries, 13; Russian fruit, 237.

S
Small fruits, 73, 44, 107; Small fruits, propagating, 263; Small fruits, reasonable hints, 171; Seasonable hints, orchardists, 172; Suggestions for amateur fruit growers, 301, 333; Small fruits, various notes, 300.

T
Tree planting, 13.

U
Useful and ornamental tree, 332.

W
What the farmer's garden should contain, 72.

POULTRY.

B
Best breeds, 140.

E
Exhibition, 40; Eggs for hatching purposes, 79; End of the year, 302.

F
Fowls on the farm, 15; Feeding for eggs, 237.

G
Green foods for winter, 269.

H
How to clean a poultry house, 339.

M
Marketing poultry, 368.

N
Notes for beginners, 109.

P
Poultry that pays—no diseases, no weaknesses, no deformities, 367; Pocking eggs for winter use, 206; Poultry keeping for women, 237; Poultry diseases and their remedies, 269.

S
Seasonable hints, 206.

T
Turkeys as pest destroyers, 78.

V
Various notes, 174.

W
Winter laying, 15; What to feed young chicks, 78; Wixson's poultry house, 269; Why they toil, 338.